

Technical Memorandum,  
Remedial Investigation Data Evaluation  
Nevada Environmental Response Trust Site  
Henderson, Nevada

## **APPENDIX A**

### **RI DATA GAP INVESTIGATION RESULTS: SOIL AND GROUNDWATER GRAB SAMPLE ANALYTICAL DATA TABLES**

**TABLE A-1a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 2**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-15						
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs
						RISB-15-0.5-20141031	RISB-15-5.0-20141031	RISB-15-10.0-20141103	RISB-15-15.0-20141103	RISB-15-20.0-20141103	RISB-15-25.0-20141103	RISB-15-30.0-20141103
Chlorates	Chlorate	EPA 300.1	1.03	BCL	mg/kg	<0.053	<b>0.057 J</b>	<b>0.17 J</b>	<b>0.98 J</b>	<b>5.7 J</b>	<b>3.0 J</b>	<b>130</b>
	Perchlorate	EPA 314.0	0.0185	BCL	mg/kg	<b>5.1</b>	<b>3.3</b>	<b>8.0</b>	<b>16</b>	<b>85</b>	<b>26</b>	<b>86</b>
Common Metals	Aluminum	EPA 6010	75	BCL	mg/kg	<b>10,000</b>	<b>8,700</b>	<b>9,800</b>	<b>7,400</b>	<b>6,500</b>	<b>6,600</b>	<b>6,100</b>
	Antimony	EPA 6020	0.3	BCL	mg/kg	0.52 UJ	0.54 UJ	0.55 UJ	0.53 UJ	0.52 UJ	0.53 UJ	0.55 UJ
	Arsenic	EPA 6020	1	BCL	mg/kg	<b>4.5</b>	<b>3.3</b>	<b>5.5</b>	<b>4.4</b>	<b>6.7</b>	<b>14</b>	<b>11</b>
	Barium	EPA 6010	82	BCL	mg/kg	<b>440 J</b>	<b>200 J</b>	<b>220 J</b>	<b>180 J</b>	<b>200 J</b>	<b>110 J</b>	<b>120 J</b>
	Boron	EPA 6010	21.4	BCL	mg/kg	<b>7.2</b>	<b>6.2</b>	<b>12</b>	<b>10</b>	<b>9.5</b>	<b>13</b>	<b>9.4 J</b>
	Cadmium	EPA 6010	0.4	BCL	mg/kg	<b>0.45 J</b>	<0.27	<0.28	<0.27	<0.26	<0.27	<0.55
	Chromium (total)	EPA 6010	180,000	RSL	mg/kg	<b>21</b>	<b>15</b>	<b>17</b>	<b>19</b>	<b>17</b>	<b>22</b>	<b>18</b>
	Cobalt	EPA 6010	0.453	BCL	mg/kg	<b>15</b>	<b>8.6</b>	<b>8.8</b>	<b>7.7</b>	<b>4.9</b>	<b>4.2</b>	<b>3.5</b>
	Copper	EPA 6010	45.8	BCL	mg/kg	<b>23</b>	<b>18</b>	<b>18</b>	<b>20</b>	<b>13</b>	<b>11</b>	<b>6.3</b>
	Iron	EPA 6010	7.56	BCL	mg/kg	<b>19,000</b>	<b>18,000</b>	<b>18,000</b>	<b>16,000</b>	<b>11,000</b>	<b>11,000</b>	<b>6,700</b>
	Lead	EPA 6010	13.5	RSL	mg/kg	<b>40</b>	<b>9.6</b>	<b>9.1</b>	<b>8.9</b>	<b>7.7</b>	<b>7.4</b>	<b>3.7 J</b>
	Magnesium	EPA 6010	889	BCL	mg/kg	<b>12,000</b>	<b>10,000</b>	<b>14,000</b>	<b>11,000</b>	<b>7,500</b>	<b>10,000</b>	<b>9,400</b>
	Manganese	EPA 6010	1.3	BCL	mg/kg	<b>2,300 J</b>	<b>340 J</b>	<b>330 J</b>	<b>300 J</b>	<b>200 J</b>	<b>150 J</b>	<b>120 J</b>
	Mercury	EPA 7471	0.104	BCL	mg/kg	<b>0.055</b>	<b>0.017 J</b>	<b>0.014 J</b>	0.013 UJ	0.013 UJ	0.013 UJ	<b>0.022 J</b>
	Molybdenum	EPA 6010	3.37	BCL	mg/kg	<1.0	<1.1	<1.1	<b>2.9</b>	<1.0	<1.1	<2.2
	Nickel	EPA 6010	7	BCL	mg/kg	<b>20</b>	<b>18</b>	<b>18</b>	<b>18</b>	<b>14</b>	<b>12</b>	<b>8.8</b>
	Selenium	EPA 6020	0.3	BCL	mg/kg	<0.52	<0.54	<0.55	<0.53	<0.52	<0.53	<0.55
Silver	EPA 6010	0.85	BCL	mg/kg	<0.78	<0.81	<0.83	<0.80	<0.78	<0.80	<1.7	
Thallium	EPA 6020	0.4	BCL	mg/kg	<0.26	<0.27	<0.28	<0.27	<0.26	<0.27	<0.28	
Zinc	EPA 6010	620	BCL	mg/kg	<b>50</b>	<b>33</b>	<b>36</b>	<b>31</b>	<b>23</b>	<b>22</b>	<b>15</b>	

**Notes:**

ft bgs: feet below ground surface

FD: Field Duplicate

Above Screening Level

bold value: detection

Soil screening levels were selected according to the following hierarchy of criteria:

1. Basic Comparison Level (BCL): Leaching-based basic comparison levels (LBCL) with dilution attenuation factor (DAF) of 1 in the most recent version of Nevada Division of Environmental Protection (NDEP) documents (February 2015).
2. Regional Screening Level (RSL): United States Environmental Protection Agency (USEPA) Regional Screening Levels (RSL) for groundwater protection (June 2015), with the maximum contaminant level (MCL) based screening levels selected over the risk-based screening levels, if available (USEPA 2015)
3. Calculated Criteria (CAL): Generic leaching-based BCLs (LBCLs) calculated using the approach presented in NDEP guidance (NDEP 2015).

**Sources:**

NDEP, 2015. User's Guide and Background Technical Document for NDEP Basic

Comparison Levels (BCLs) for Human Health for the BMI Complex and Common Areas. Revision 13, February.

USEPA, 2015. Regional Screening Levels (RSL) for Chemical Contaminants at Superfund Sites. June.



**TABLE A-1a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 2**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-16							
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs
						RISB-16-0.5-20141029	RISB-16-5.0-20141029	RISB-16-5.0-20141029-FD	RISB-16-10.0-20141029	RISB-16-15.0-20141029	RISB-16-20.0-20141029	RISB-16-25.0-20141029	RISB-16-30.0-20141029
Chlorates	Chlorate	EPA 300.1	1.03	BCL	mg/kg	<0.054	<0.055	<0.055	<0.056	3.6	6.9	4.2	410
	Perchlorate	EPA 314.0	0.0185	BCL	mg/kg	1.3	2.5	2.5	8.7	19	55	22	99
Common Metals	Aluminum	EPA 6010	75	BCL	mg/kg	9,300	8,200	8,300	8,400	8,500	7,000	6,700	5,100
	Antimony	EPA 6020	0.3	BCL	mg/kg	0.54 UJ	0.54 UJ	0.55 UJ	0.56 UJ	0.54 UJ	0.53 UJ	0.54 UJ	0.57 UJ
	Arsenic	EPA 6020	1	BCL	mg/kg	4.0	3.1	3.1	3.1	4.7	4.9	7.3	29
	Barium	EPA 6010	82	BCL	mg/kg	370	180	180	200	180	160 J	150 J	59 J
	Boron	EPA 6010	21.4	BCL	mg/kg	10	7.9	8.1	12	12	5.3	6.6	13
	Cadmium	EPA 6010	0.4	BCL	mg/kg	0.31 J	<0.27	<0.27	<0.28	<0.27	0.26 UJ	0.27 UJ	0.57 UJ
	Chromium (total)	EPA 6010	180,000	RSL	mg/kg	16	14	14	15	14	14 J	20 J	66 J
	Cobalt	EPA 6010	0.453	BCL	mg/kg	11	8.2	8.4	7.7	6.8	4.7 J	4.3 J	1.9 J
	Copper	EPA 6010	45.8	BCL	mg/kg	21	18	18	18	18	13	14	7.9
	Iron	EPA 6010	7.56	BCL	mg/kg	17,000	16,000	17,000	16,000	16,000	11,000	11,000	5,100
	Lead	EPA 6010	13.5	RSL	mg/kg	37	9.7	10	8.3	6.8	5.6 J	6.0 J	2.3 UJ
	Magnesium	EPA 6010	889	BCL	mg/kg	10,000	9,000	9,300	15,000	14,000	7,100	7,300	23,000
	Manganese	EPA 6010	1.3	BCL	mg/kg	1,300	390	380	320	240	230	230	72
	Mercury	EPA 7471	0.104	BCL	mg/kg	0.033 J	0.021 J	0.028 J	0.022	0.014 J	0.013 UJ	0.013 UJ	0.013 UJ
	Molybdenum	EPA 6010	3.37	BCL	mg/kg	<1.1	<1.1	<1.1	<1.1	<1.1	1.8 J	3.4 J	2.3 UJ
	Nickel	EPA 6010	7	BCL	mg/kg	16	17	17	15	14	12 J	10 J	5.4 J
	Selenium	EPA 6020	0.3	BCL	mg/kg	<0.54	<0.54	<0.55	<0.56	<0.54	<0.53	<0.54	<0.57
Silver	EPA 6010	0.85	BCL	mg/kg	<0.80	<0.81	<0.82	<0.84	<0.82	<0.79	<0.81	<1.7	
Thallium	EPA 6020	0.4	BCL	mg/kg	<0.27	<0.27	<0.27	<0.28	<0.27	<0.26	<0.27	<0.29	
Zinc	EPA 6010	620	BCL	mg/kg	45	33	33	33	31	24 J	23 J	15 J	

**Notes:**

ft bgs: feet below ground surface

FD: Field Duplicate

Above Screening Level

bold value: detection

Soil screening levels were selected according to the following hierarchy of criteria:

1. Basic Comparison Level (BCL): Leaching-based basic comparison levels (LBCL) with dilution attenuation factor (DAF) of 1 in the most recent version of Nevada Division of Environmental Protection (NDEP) documents (February 2015).
2. Regional Screening Level (RSL): United States Environmental Protection Agency (USEPA) Regional Screening Levels (RSL) for groundwater protection (June 2015), with the maximum contaminant level (MCL) based screening levels selected over the risk-based screening levels, if available (USEPA 2015)
3. Calculated Criteria (CAL): Generic leaching-based BCLs (LBCLs) calculated using the approach presented in NDEP guidance (NDEP 2015).

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**TABLE A-1a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 2**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-17							
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	29-29.5 ft bgs
						RISB-17-0.5-20141028	RISB-17-5.0-20141028	RISB-17-10.0-20141028	RISB-17-15.0-20141028	RISB-17-15.0-20141028-FD	RISB-17-20.0-20141028	RISB-17-25.0-20141029	RISB-17-29.0-20141029
Chlorates	Chlorate	EPA 300.1	1.03	BCL	mg/kg	<b>0.27</b>	<0.054	<0.055	<b>0.31 J</b>	<b>0.37 J</b>	<b>0.78 J</b>	<b>7.5 J</b>	<b>2,100</b>
	Perchlorate	EPA 314.0	0.0185	BCL	mg/kg	<b>0.18</b>	<b>0.97 J</b>	<b>4.3 J</b>	<b>5.9 J</b>	<b>6.4 J</b>	<b>8.5 J</b>	<b>45 J</b>	<b>540</b>
Common Metals	Aluminum	EPA 6010	75	BCL	mg/kg	<b>8,900</b>	<b>11,000</b>	<b>12,000</b>	<b>9,300</b>	<b>9,600</b>	<b>7,100</b>	<b>6,200</b>	<b>18,000</b>
	Antimony	EPA 6020	0.3	BCL	mg/kg	0.53 UJ	0.54 UJ	0.55 UJ	0.54 UJ	0.54 UJ	0.53 UJ	0.56 UJ	0.80 UJ
	Arsenic	EPA 6020	1	BCL	mg/kg	<b>2.4</b>	<b>3.1</b>	<b>3.5</b>	<b>4.2</b>	<b>3.8</b>	<b>6.1</b>	<b>12</b>	<b>20</b>
	Barium	EPA 6010	82	BCL	mg/kg	<b>160</b>	<b>180</b>	<b>220</b>	<b>190</b>	<b>180</b>	<b>140</b>	<b>61</b>	<b>180</b>
	Boron	EPA 6010	21.4	BCL	mg/kg	<b>3.7 J</b>	<b>4.1 J</b>	<b>9.0</b>	<b>8.2</b>	<b>8.4</b>	<b>7.2</b>	<b>11</b>	<b>27</b>
	Cadmium	EPA 6010	0.4	BCL	mg/kg	<0.27	<0.27	<0.27	<0.27	<0.27	<0.26	<0.28	<0.40
	Chromium (total)	EPA 6010	180,000	RSL	mg/kg	<b>12</b>	<b>14</b>	<b>16</b>	<b>14</b>	<b>15</b>	<b>9.6</b>	<b>13</b>	<b>33</b>
	Cobalt	EPA 6010	0.453	BCL	mg/kg	<b>8.5</b>	<b>7.8</b>	<b>8.0</b>	<b>7.9</b>	<b>7.2</b>	<b>4.6</b>	<b>3.1</b>	<b>7.5</b>
	Copper	EPA 6010	45.8	BCL	mg/kg	<b>21</b>	<b>18</b>	<b>21</b>	<b>19</b>	<b>18</b>	<b>12</b>	<b>9.6</b>	<b>18</b>
	Iron	EPA 6010	7.56	BCL	mg/kg	<b>16,000</b>	<b>16,000</b>	<b>17,000</b>	<b>15,000</b>	<b>15,000</b>	<b>9,700</b>	<b>8,300</b>	<b>17,000</b>
	Lead	EPA 6010	13.5	RSL	mg/kg	<b>9.6</b>	<b>8.6</b>	<b>7.7</b>	<b>6.8</b>	<b>6.6</b>	<b>6.1</b>	<b>5.7</b>	<b>9.7</b>
	Magnesium	EPA 6010	889	BCL	mg/kg	<b>9,100</b>	<b>9,800</b>	<b>13,000</b>	<b>13,000</b>	<b>14,000</b>	<b>7,400</b>	<b>9,000</b>	<b>57,000</b>
	Manganese	EPA 6010	1.3	BCL	mg/kg	<b>500</b>	<b>380</b>	<b>340</b>	<b>300</b>	<b>260</b>	<b>180</b>	<b>100</b>	<b>380</b>
	Mercury	EPA 7471	0.104	BCL	mg/kg	<b>0.016 J</b>	<b>0.016 J</b>	<b>0.018 J</b>	<b>0.77 J</b>	<0.013 R	<0.012 R	0.013 UJ	0.019 UJ
	Molybdenum	EPA 6010	3.37	BCL	mg/kg	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.6
	Nickel	EPA 6010	7	BCL	mg/kg	<b>17</b>	<b>16</b>	<b>16</b>	<b>18</b>	<b>19</b>	<b>14</b>	<b>7.7</b>	<b>18</b>
	Selenium	EPA 6020	0.3	BCL	mg/kg	0.53 UJ	0.54 UJ	0.55 UJ	0.54 UJ	0.54 UJ	0.53 UJ	<0.56	<0.80
Silver	EPA 6010	0.85	BCL	mg/kg	<0.80	<0.81	<0.82	<0.81	<0.81	<0.79	<0.84	<1.2	
Thallium	EPA 6020	0.4	BCL	mg/kg	0.27 UJ	0.27 UJ	0.27 UJ	0.27 UJ	0.27 UJ	0.26 UJ	<0.28	<0.40	
Zinc	EPA 6010	620	BCL	mg/kg	<b>38</b>	<b>37</b>	<b>37</b>	<b>32</b>	<b>33</b>	<b>24</b>	<b>18</b>	<b>47</b>	

**Notes:**

ft bgs: feet below ground surface

FD: Field Duplicate

Above Screening Level

bold value: detection

Soil screening levels were selected according to the following hierarchy of criteria:

1. Basic Comparison Level (BCL): Leaching-based basic comparison levels (LBCL) with dilution attenuation factor (DAF) of 1 in the most recent version of Nevada Division of Environmental Protection (NDEP) documents (February 2015).
2. Regional Screening Level (RSL): United States Environmental Protection Agency (USEPA) Regional Screening Levels (RSL) for groundwater protection (June 2015), with the maximum contaminant level (MCL) based screening levels selected over the risk-based screening levels, if available (USEPA 2015)
3. Calculated Criteria (CAL): Generic leaching-based BCLs (LBCLs) calculated using the approach presented in NDEP guidance (NDEP 2015).

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**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-18							
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	27-27.5 ft bgs
						RISB-18-0.5-20141027	RISB-18-5.0-20141028	RISB-18-10.0-20141028	RISB-18-15.0-20141028	RISB-18-20.0-20141028	RISB-18-20.0-20141028-FD	RISB-18-25.0-20141028	RISB-18-27.0-20141028
Chlorates	Chlorate	EPA 300.1	1.03	BCL	mg/kg	1.7 J	9.4	10	5.4	4.4	4.2	1,100	1,400
	Perchlorate	EPA 314.0	0.0185	BCL	mg/kg	43	16	36	7.6	5.7	5.6	290	310
Common Metals	Aluminum	EPA 6010	75	BCL	mg/kg	10,000	9,700	11,000	9,300	6,200	7,300	8,300	7,400
	Antimony	EPA 6020	0.3	BCL	mg/kg	0.51 UJ	0.54 UJ	0.55 UJ	0.55 UJ	0.53 UJ	0.53 UJ	0.65 UJ	0.60 UJ
	Arsenic	EPA 6020	1	BCL	mg/kg	4.7	3.3	5.1	4.7	7.7	9.1	37	21
	Barium	EPA 6010	82	BCL	mg/kg	250	230	240	170	130	120	110	82
	Boron	EPA 6010	21.4	BCL	mg/kg	9.5	6.1	11	7.0	7.9	8.0	27	22
	Cadmium	EPA 6010	0.4	BCL	mg/kg	0.33 J	<0.27	<0.27	<0.27	<0.26	<0.27	<0.65	<0.60
	Chromium (total)	EPA 6010	180,000	RSL	mg/kg	19	16	16	12	16	20	48	57
	Cobalt	EPA 6010	0.453	BCL	mg/kg	9.4	10	9.3	6.9	4.0	4.4	2.5 J	2.3 J
	Copper	EPA 6010	45.8	BCL	mg/kg	24	22	20	16	12	13	9.8	8.9
	Iron	EPA 6010	7.56	BCL	mg/kg	19,000	16,000	19,000	15,000	10,000	11,000	6,800	6,400
	Lead	EPA 6010	13.5	RSL	mg/kg	34	15	7.4	7.5	5.2	6.2	3.3 J	<2.4
	Magnesium	EPA 6010	889	BCL	mg/kg	11,000	10,000	12,000	12,000	7,300	8,800	56,000	37,000
	Manganese	EPA 6010	1.3	BCL	mg/kg	1,200 J	1,100	420	270	160	160	190	140
	Mercury	EPA 7471	0.104	BCL	mg/kg	0.048	0.061	0.033	0.017 J	0.015 J	0.013 UJ	0.021 J	0.015 UJ
	Molybdenum	EPA 6010	3.37	BCL	mg/kg	<1.0	1.1 J	<1.1	<1.1	<1.1	<1.1	<2.6	<2.4
	Nickel	EPA 6010	7	BCL	mg/kg	20	18	18	13	11	13	6.7	5.7
	Selenium	EPA 6020	0.3	BCL	mg/kg	0.51 UJ	0.54 UJ	0.55 UJ	0.55 UJ	0.53 UJ	0.53 UJ	0.65 UJ	0.60 UJ
Silver	EPA 6010	0.85	BCL	mg/kg	<0.76	<0.81	<0.82	<0.82	<0.79	<0.80	<2.0	<1.8	
Thallium	EPA 6020	0.4	BCL	mg/kg	0.35 J	0.30 J	0.27 UJ	0.27 UJ	0.26 UJ	0.27 UJ	0.33 UJ	0.30 UJ	
Zinc	EPA 6010	620	BCL	mg/kg	46	44	38	32	23	25	23	20	

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Above Screening Level

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1. Basic Comparison Level (BCL): Leaching-based basic comparison levels (LBCL) with dilution attenuation factor (DAF) of 1 in the most recent version of Nevada Division of Environmental Protection (NDEP) documents (February 2015).
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USEPA, 2015. Regional Screening Levels (RSL) for Chemical Contaminants at Superfund Sites. June.

**TABLE A-1a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 2**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-19									
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs	35-35.5 ft bgs	40-40.5 ft bgs
						RISB-19-0.5-20141027	RISB-19-5.0-20141027	RISB-19-10.0-20141027	RISB-19-15.0-20141027	RISB-19-20.0-20141027	RISB-19-25.0-20141027	RISB-19-25.0-20141027-FD	RISB-19-30.0-20141027	RISB-19-35.0-20141027	RISB-19-40.0-20141027
Chlorates	Chlorate	EPA 300.1	1.03	BCL	mg/kg	0.24	0.33	12	8.7	4.2	410	400	180	530	2,500
	Perchlorate	EPA 314.0	0.0185	BCL	mg/kg	17	7.9	72	23	16	150	160	88	140	780
Common Metals	Aluminum	EPA 6010	75	BCL	mg/kg	11,000	11,000	12,000	9,900	8,100	8,700	8,300	11,000	11,000	22,000
	Antimony	EPA 6020	0.3	BCL	mg/kg	0.51 UJ	0.53 UJ	0.54 UJ	0.54 UJ	0.53 UJ	0.57 UJ	0.55 UJ	0.54 UJ	0.58 UJ	0.74 UJ
	Arsenic	EPA 6020	1	BCL	mg/kg	2.7	3.3	4.5	6.2	7.1	13	14	6.2	6.9	23
	Barium	EPA 6010	82	BCL	mg/kg	200	190	260	180 J	150	120	120	180	180	48
	Boron	EPA 6010	21.4	BCL	mg/kg	8.7	12	12	5.7	7.7	18	17	14	14	33
	Cadmium	EPA 6010	0.4	BCL	mg/kg	0.33 J	0.28 J	<0.27	<0.27	<0.26	<0.28	<0.28	<0.27	<0.29	<0.37
	Chromium (total)	EPA 6010	180,000	RSL	mg/kg	22	19	18	14	13	32	28	33	27	34
	Cobalt	EPA 6010	0.453	BCL	mg/kg	11	9.6	9.3	6.8	5.4	4.7	4.6	7.0	7.4	6.9
	Copper	EPA 6010	45.8	BCL	mg/kg	25	22	21	17	16	13	13	20	22	20
	Iron	EPA 6010	7.56	BCL	mg/kg	21,000	21,000	21,000	15,000	14,000	13,000	11,000	18,000	18,000	17,000
	Lead	EPA 6010	13.5	RSL	mg/kg	13	11	9.4	7.3	7.2	6.0	5.6	8.4	7.8	13
	Magnesium	EPA 6010	889	BCL	mg/kg	11,000	12,000	12,000	13,000	8,500	12,000	11,000	13,000	15,000	63,000
	Manganese	EPA 6010	1.3	BCL	mg/kg	960	560	480	270	230	200 J	200 J	330 J	340 J	510 J
	Mercury	EPA 7471	0.104	BCL	mg/kg	0.058	0.053	0.022 J	0.034	0.015 J	0.017 J	0.019 J	0.031 J	0.022 J	0.020 J
	Molybdenum	EPA 6010	3.37	BCL	mg/kg	<1.0	<1.1	<1.1	<1.1	<1.1	3.0	2.6	4.8	2.8	<1.5
	Nickel	EPA 6010	7	BCL	mg/kg	21	20	18	14	14	12	11	16	16	17
	Selenium	EPA 6020	0.3	BCL	mg/kg	0.51 UJ	0.53 UJ	0.54 UJ	0.54 UJ	0.53 UJ	0.57 UJ	0.55 UJ	0.54 UJ	0.58 UJ	0.74 UJ
Silver	EPA 6010	0.85	BCL	mg/kg	<0.77	<0.80	<0.80	<0.82	<0.79	<0.85	<0.83	<0.81	<0.87	<1.1	
Thallium	EPA 6020	0.4	BCL	mg/kg	0.26 UJ	0.27 UJ	0.27 UJ	0.27 UJ	0.26 UJ	0.28 UJ	0.28 UJ	0.27 UJ	0.29 UJ	0.37 UJ	
Zinc	EPA 6010	620	BCL	mg/kg	46	41	39	34	27	25	25	33	34	49	

**Notes:**

ft bgs: feet below ground surface

FD: Field Duplicate

Above Screening Level

bold value: detection

Soil screening levels were selected according to the following hierarchy of criteria:

1. Basic Comparison Level (BCL): Leaching-based basic comparison levels (LBCL) with dilution attenuation factor (DAF) of 1 in the most recent version of Nevada Division of Environmental Protection (NDEP) documents (February 2015).
2. Regional Screening Level (RSL): United States Environmental Protection Agency (USEPA) Regional Screening Levels (RSL) for groundwater protection (June 2015), with the maximum contaminant level (MCL) based screening levels selected over the risk-based screening levels, if available (USEPA 2015)
3. Calculated Criteria (CAL): Generic leaching-based BCLs (LBCLs) calculated using the approach presented in NDEP guidance (NDEP 2015).

**Sources:**

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**TABLE A-1a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 2**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-20						RISB-21							
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs
						RISB-20-0.5-20141029	RISB-20-5.0-20141029	RISB-20-10.0-20141030	RISB-20-15.0-20141030	RISB-20-20.0-20141030	RISB-20-25.0-20141030	RISB-21-0.5-20141031	RISB-21-5.0-20141031	RISB-21-10.0-20141031	RISB-21-10.0-20141031-FD	RISB-21-15.0-20141031	RISB-21-20.0-20141031	RISB-21-25.0-20141031	RISB-21-30.0-20141031
Chlorates	Chlorate	EPA 300.1	1.03	BCL	mg/kg	2.9	0.24	<0.055	<0.054	0.082 J	13	7.9	6.9	4.8	4.8	2.6	1.5	2.0	230
	Perchlorate	EPA 314.0	0.0185	BCL	mg/kg	0.33	23	7.8	2.5	6.7	510	940	710	690	660	410	380	440	87
Common Metals	Aluminum	EPA 6010	75	BCL	mg/kg	6,500	7,400	8,600	7,200	6,200	7,900	7,400	9,000	8,900	8,300	7,500	7,500	7,300	7,000
	Antimony	EPA 6020	0.3	BCL	mg/kg	0.54 UJ	0.54 UJ	0.54 UJ	0.53 UJ	0.53 UJ	0.58 UJ	0.53 UJ	0.56 UJ	0.56 UJ	0.55 UJ	0.54 UJ	0.55 UJ	0.62 UJ	0.56 UJ
	Arsenic	EPA 6020	1	BCL	mg/kg	8.6	2.5	4.8	6.4	6.4	33	2.7	2.6	3.1	2.8	5.9	7.2	29	8.3
	Barium	EPA 6010	82	BCL	mg/kg	73 J	170 J	190 J	160 J	150 J	150 J	170 J	210 J	180 J	160 J	120 J	150 J	89 J	180 J
	Boron	EPA 6010	21.4	BCL	mg/kg	6.7	2.7 J	8.0	8.5	8.2	25	13	14	10	9.6	7.4	9.4	16	7.7 J
	Cadmium	EPA 6010	0.4	BCL	mg/kg	0.27 UJ	0.27 UJ	<0.27	<0.27	<0.27	<0.29	<0.26	<0.28	<0.28	<0.27	<0.27	<0.28	<0.62	<0.56
	Chromium (total)	EPA 6010	180,000	RSL	mg/kg	14 J	9.9 J	15	13	17	23	14	16	16	15	15	15	17	17
	Cobalt	EPA 6010	0.453	BCL	mg/kg	5.8 J	6.1 J	8.4	5.5	5.4	5.2	8.7	9.8	7.7	8.4	8.1	5.9	3.5	3.7
	Copper	EPA 6010	45.8	BCL	mg/kg	15	14	19	15	13	12	19	19	18	18	19	13	7.4	10
	Iron	EPA 6010	7.56	BCL	mg/kg	14,000	12,000	17,000	13,000	12,000	11,000	17,000	19,000	16,000	16,000	16,000	13,000	6,600	8,300
	Lead	EPA 6010	13.5	RSL	mg/kg	4.4 J	6.1 J	8.5	6.5	9.8	6.3	11	12	7.6	8.2	8.5	8.0	4.1 J	5.0
	Magnesium	EPA 6010	889	BCL	mg/kg	9,600	6,300	14,000	11,000	8,200	28,000	9,800	11,000	15,000	14,000	12,000	9,900	25,000	9,200
	Manganese	EPA 6010	1.3	BCL	mg/kg	210	330	340 J	200 J	200 J	200 J	460 J	460 J	280 J	280 J	350 J	230 J	110 J	110 J
	Mercury	EPA 7471	0.104	BCL	mg/kg	0.013 UJ	0.017 J	<0.013	<0.013	<0.013	<0.014	0.056	0.014 J	0.015 J	0.016 J	<0.013	0.013 UJ	0.10	<0.014
	Molybdenum	EPA 6010	3.37	BCL	mg/kg	1.1 UJ	1.1 UJ	<1.1	<1.1	<1.1	<1.2	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<2.5	2.2 J
	Nickel	EPA 6010	7	BCL	mg/kg	19 J	12 J	17	15	15	12	18	19	16	16	17	14	8.5	10
	Selenium	EPA 6020	0.3	BCL	mg/kg	<0.54	<0.54	<0.54	<0.53	<0.53	<0.58	<0.53	<0.56	<0.56	<0.55	<0.54	<0.55	<0.62	<0.56
Silver	EPA 6010	0.85	BCL	mg/kg	<0.81	<0.81	<0.81	<0.80	<0.80	<0.87	<0.79	<0.84	<0.83	<0.82	<0.81	<0.83	<1.9	<1.7	
Thallium	EPA 6020	0.4	BCL	mg/kg	<0.27	<0.27	<0.27	<0.27	<0.27	<0.29	0.28 J	<0.28	<0.28	<0.27	<0.27	<0.28	<0.31	<0.28	
Zinc	EPA 6010	620	BCL	mg/kg	26 J	27 J	36	25	23	26	38	36	33	32	33	26	16	18	

**Notes:**

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FD: Field Duplicate

Above Screening Level

bold value: detection

Soil screening levels were selected according to the following hierarchy of criteria:

1. Basic Comparison Level (BCL): Leaching-based basic comparison levels (LBCL) with dilution attenuation factor (DAF) of 1 in the most recent version of Nevada Division of Environmental Protection (NDEP) documents (February 2015).
2. Regional Screening Level (RSL): United States Environmental Protection Agency (USEPA) Regional Screening Levels (RSL) for groundwater protection (June 2015), with the maximum contaminant level (MCL) based screening levels selected over the risk-based screening levels, if available (USEPA 2015)
3. Calculated Criteria (CAL): Generic leaching-based BCLs (LBCLs) calculated using the approach presented in NDEP guidance (NDEP 2015).

**Sources:**

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**TABLE A-1a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 2**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-22							
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	29-29.5 ft bgs
						RISB-22-0.5-20141029	RISB-22-5.0-20141029	RISB-22-10.0-20141029	RISB-22-10.0-20141029-FD	RISB-22-15.0-20141029	RISB-22-20.0-20141029	RISB-22-25.0-20141029	RISB-22-29.0-20141029
Chlorates	Chlorate	EPA 300.1	1.03	BCL	mg/kg	1.6	0.79	0.23	0.23	<0.054	<0.054	2.7	25
	Perchlorate	EPA 314.0	0.0185	BCL	mg/kg	0.58	0.73	16	20	5.9	3.4	280	50
Common Metals	Aluminum	EPA 6010	75	BCL	mg/kg	3,900	9,900	8,700	8,800	7,700	5,400	6,200	4,700
	Antimony	EPA 6020	0.3	BCL	mg/kg	0.53 UJ	0.55 UJ	0.56 UJ	0.55 UJ	0.54 UJ	0.54 UJ	0.60 UJ	0.52 UJ
	Arsenic	EPA 6020	1	BCL	mg/kg	6.1	3.3	4.9	4.7	5.2	7.2	25	18
	Barium	EPA 6010	82	BCL	mg/kg	65	150	160 J	140 J	120 J	85 J	62 J	140 J
	Boron	EPA 6010	21.4	BCL	mg/kg	5.9	10	6.7	6.5	5.4	6.8	19	6.6 J
	Cadmium	EPA 6010	0.4	BCL	mg/kg	<0.27	<0.27	0.28 UJ	0.27 UJ	0.27 UJ	0.27 UJ	0.60 UJ	0.52 UJ
	Chromium (total)	EPA 6010	180,000	RSL	mg/kg	11	13	12 J	12 J	9.8 J	12 J	17 J	12 J
	Cobalt	EPA 6010	0.453	BCL	mg/kg	4.6	6.6	7.2 J	6.0 J	5.8 J	2.6 J	2.6 J	2.7 J
	Copper	EPA 6010	45.8	BCL	mg/kg	13	17	14	15	13	9.2	9.2	9.1
	Iron	EPA 6010	7.56	BCL	mg/kg	11,000	15,000	15,000	14,000	12,000	7,800	7,100	7,200
	Lead	EPA 6010	13.5	RSL	mg/kg	4.1 J	7.8	6.1 J	5.6 J	5.3 J	4.6 J	2.4 UJ	2.2 J
	Magnesium	EPA 6010	889	BCL	mg/kg	6,500	9,700	10,000	11,000	9,100	5,400	17,000	7,900
	Manganese	EPA 6010	1.3	BCL	mg/kg	160	300	330	260	250	120	110	120
	Mercury	EPA 7471	0.104	BCL	mg/kg	0.013 UJ	0.024 J	0.014 UJ	0.014 UJ	0.013 UJ	0.013 UJ	0.015 UJ	0.013 UJ
	Molybdenum	EPA 6010	3.37	BCL	mg/kg	<1.1	<1.1	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	2.4 UJ	2.1 UJ
	Nickel	EPA 6010	7	BCL	mg/kg	14	14	13 J	12 J	12 J	7.7 J	7.8 J	8.4 J
	Selenium	EPA 6020	0.3	BCL	mg/kg	<0.53	<0.55	<0.56	<0.55	<0.54	<0.54	<0.60	<0.52
Silver	EPA 6010	0.85	BCL	mg/kg	<0.80	<0.82	<0.84	<0.82	<0.81	<0.81	<1.8	<1.6	
Thallium	EPA 6020	0.4	BCL	mg/kg	<0.27	<0.27	<0.28	<0.27	<0.27	<0.27	<0.30	<0.26	
Zinc	EPA 6010	620	BCL	mg/kg	22	32	32 J	29 J	28 J	18 J	19 J	17 J	

**Notes:**

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Above Screening Level

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Soil screening levels were selected according to the following hierarchy of criteria:

1. Basic Comparison Level (BCL): Leaching-based basic comparison levels (LBCL) with dilution attenuation factor (DAF) of 1 in the most recent version of Nevada Division of Environmental Protection (NDEP) documents (February 2015).
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3. Calculated Criteria (CAL): Generic leaching-based BCLs (LBCLs) calculated using the approach presented in NDEP guidance (NDEP 2015).

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**TABLE A-1a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 2**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-23						RISB-24								
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	
						RISB-23-0.5-20141028	RISB-23-5.0-20141028	RISB-23-10.0-20141029	RISB-23-15.0-20141029	RISB-23-15.0-20141029-FD	RISB-23-20.0-20141029	RISB-23-25.0-20141029	RISB-24-0.5-20141027	RISB-24-5.0-20141027	RISB-24-10.0-20141027	RISB-24-15.0-20141027	RISB-24-20.0-20141027	RISB-24-20.0-20141027-FD	RISB-24-25.0-20141027	
Chlorates	Chlorate	EPA 300.1	1.03	BCL	mg/kg	<b>0.072 J</b>	<b>0.075 J</b>	<b>0.30</b>	<b>0.67</b>	<b>0.92</b>	<b>0.25</b>	<b>2.1</b>	<b>2.8</b>	<b>2.5</b>	<0.056	<b>0.24</b>	<0.054	<0.054	<0.054	
	Perchlorate	EPA 314.0	0.0185	BCL	mg/kg	<b>3.7</b>	<b>3.0</b>	<b>17</b>	<b>38</b>	<b>40</b>	<b>8.2</b>	<b>120</b>	<b>3.1</b>	<b>0.32 J</b>	<b>0.087 J</b>	<b>0.11 J</b>	<b>0.16 J</b>	<b>0.16 J</b>	<b>0.18</b>	
Common Metals	Aluminum	EPA 6010	75	BCL	mg/kg	<b>8,400</b>	<b>9,600</b>	<b>9,100</b>	<b>8,900</b>	<b>8,900</b>	<b>7,000</b>	<b>5,100</b>	<b>6,200</b>	<b>9,800</b>	<b>12,000</b>	<b>11,000</b>	<b>7,900</b>	<b>8,900</b>	<b>16,000</b>	
	Antimony	EPA 6020	0.3	BCL	mg/kg	0.53 UJ	0.54 UJ	0.55 UJ	0.53 UJ	0.54 UJ	0.54 UJ	0.60 UJ	0.52 UJ	0.54 UJ	0.55 UJ	0.54 UJ	0.54 UJ	0.54 UJ	0.53 UJ	
	Arsenic	EPA 6020	1	BCL	mg/kg	<b>2.1</b>	<b>2.6</b>	<b>11</b>	<b>5.6</b>	<b>5.8</b>	<b>8.6</b>	<b>20</b>	<b>6.9</b>	<b>3.0</b>	<b>5.1</b>	<b>7.9</b>	<b>5.0</b>	<b>5.7</b>	<b>8.1</b>	
	Barium	EPA 6010	82	BCL	mg/kg	<b>190</b>	<b>190</b>	<b>230</b>	<b>170</b>	<b>160</b>	<b>84</b>	<b>55</b>	<b>98</b>	<b>170</b>	<b>190</b>	<b>190</b>	<b>94</b>	<b>110</b>	<b>83</b>	
	Boron	EPA 6010	21.4	BCL	mg/kg	<b>2.7 J</b>	<b>4.5 J</b>	<b>9.4</b>	<b>7.9</b>	<b>7.9</b>	<b>8.0</b>	<b>14</b>	<b>7.7</b>	<b>7.6</b>	<b>12</b>	<b>11</b>	<b>8.6</b>	<b>9.6</b>	<b>3.7 J</b>	
	Cadmium	EPA 6010	0.4	BCL	mg/kg	<0.27	<0.27	<0.28	<0.27	<0.27	<0.27	<0.30	<0.26	<0.27	<0.28	<0.27	<0.27	<0.27	<0.27	<0.27
	Chromium (total)	EPA 6010	180,000	RSL	mg/kg	<b>11</b>	<b>14</b>	<b>13</b>	<b>14</b>	<b>14</b>	<b>10</b>	<b>33</b>	<b>18</b>	<b>17</b>	<b>20</b>	<b>20</b>	<b>14 J</b>	<b>26 J</b>	<b>39</b>	
	Cobalt	EPA 6010	0.453	BCL	mg/kg	<b>7.1</b>	<b>8.1</b>	<b>6.7</b>	<b>6.7</b>	<b>6.6</b>	<b>4.0</b>	<b>3.0</b>	<b>6.1</b>	<b>8.4</b>	<b>8.7</b>	<b>7.9</b>	<b>6.9</b>	<b>7.5</b>	<b>7.4</b>	
	Copper	EPA 6010	45.8	BCL	mg/kg	<b>18</b>	<b>19</b>	<b>16</b>	<b>18</b>	<b>18</b>	<b>10</b>	<b>11</b>	<b>17</b>	<b>22</b>	<b>22</b>	<b>22</b>	<b>19</b>	<b>22</b>	<b>21</b>	
	Iron	EPA 6010	7.56	BCL	mg/kg	<b>15,000</b>	<b>17,000</b>	<b>15,000</b>	<b>14,000</b>	<b>14,000</b>	<b>9,200</b>	<b>7,300</b>	<b>15,000</b>	<b>18,000</b>	<b>20,000</b>	<b>19,000</b>	<b>15,000</b>	<b>17,000</b>	<b>22,000</b>	
	Lead	EPA 6010	13.5	RSL	mg/kg	<b>7.6</b>	<b>7.3</b>	<b>7.1</b>	<b>7.5</b>	<b>7.1</b>	<b>6.6</b>	<b>4.4 J</b>	<b>5.1</b>	<b>8.3</b>	<b>8.7</b>	<b>8.5</b>	<b>5.8</b>	<b>7.7</b>	<b>7.9</b>	
	Magnesium	EPA 6010	889	BCL	mg/kg	<b>7,500</b>	<b>9,600</b>	<b>11,000</b>	<b>11,000</b>	<b>11,000</b>	<b>7,100</b>	<b>28,000</b>	<b>9,100</b>	<b>9,800</b>	<b>14,000</b>	<b>13,000</b>	<b>9,800</b>	<b>10,000</b>	<b>5,100</b>	
	Manganese	EPA 6010	1.3	BCL	mg/kg	<b>410</b>	<b>360</b>	<b>290</b>	<b>270</b>	<b>280</b>	<b>150</b>	<b>120</b>	<b>260 J</b>	<b>390 J</b>	<b>340 J</b>	<b>360 J</b>	<b>250 J</b>	<b>310 J</b>	<b>390 J</b>	
	Mercury	EPA 7471	0.104	BCL	mg/kg	0.013 UJ	<b>0.023 J</b>	<b>0.014 J</b>	0.013 UJ	<b>0.013 J</b>	<b>0.059</b>	<b>1.0</b>	<b>0.015 J</b>	<b>0.036</b>	<b>0.027</b>	<b>0.019 J</b>	<b>0.013 J</b>	<b>0.014 J</b>	<b>0.019 J</b>	
	Molybdenum	EPA 6010	3.37	BCL	mg/kg	<1.1	<1.1	<1.1	<b>1.2 J</b>	<b>1.3 J</b>	<1.1	<1.2	<1.0	<1.1	<1.1	<b>1.6 J</b>	1.1 UJ	<b>3.3 J</b>	<1.1	
	Nickel	EPA 6010	7	BCL	mg/kg	<b>15</b>	<b>17</b>	<b>14</b>	<b>15</b>	<b>17</b>	<b>10</b>	<b>8.6</b>	<b>20</b>	<b>18</b>	<b>19</b>	<b>17</b>	<b>17</b>	<b>18</b>	<b>12</b>	
	Selenium	EPA 6020	0.3	BCL	mg/kg	0.53 UJ	0.54 UJ	<0.55	<0.53	<0.54	<0.54	<0.60	0.52 UJ	0.54 UJ	0.55 UJ	0.54 UJ	0.54 UJ	0.54 UJ	0.53 UJ	
Silver	EPA 6010	0.85	BCL	mg/kg	<0.80	<0.81	<0.83	<0.80	<0.81	<0.81	<0.90	<0.78	<0.81	<0.83	<0.81	<0.81	<0.81	<0.80		
Thallium	EPA 6020	0.4	BCL	mg/kg	0.27 UJ	0.27 UJ	<0.28	<0.27	<0.27	<0.27	<0.30	0.26 UJ	0.27 UJ	0.28 UJ	0.27 UJ	0.27 UJ	0.27 UJ	0.27 UJ		
Zinc	EPA 6010	620	BCL	mg/kg	<b>35</b>	<b>37</b>	<b>30</b>	<b>30</b>	<b>30</b>	<b>20</b>	<b>18</b>	<b>29</b>	<b>37</b>	<b>39</b>	<b>37</b>	<b>31</b>	<b>34</b>	<b>51</b>		

**Notes:**

ft bgs: feet below ground surface

FD: Field Duplicate

Above Screening Level

bold value: detection

Soil screening levels were selected according to the following hierarchy of criteria:

1. Basic Comparison Level (BCL): Leaching-based basic comparison levels (LBCL) with dilution attenuation factor (DAF) of 1 in the most recent version of Nevada Division of Environmental Protection (NDEP) documents (February 2015).
2. Regional Screening Level (RSL): United States Environmental Protection Agency (USEPA) Regional Screening Levels (RSL) for groundwater protection (June 2015), with the maximum contaminant level (MCL) based screening levels selected over the risk-based screening levels, if available (USEPA 2015)
3. Calculated Criteria (CAL): Generic leaching-based BCLs (LBCLs) calculated using the approach presented in NDEP guidance (NDEP 2015).

**Sources:**

NDEP, 2015. User's Guide and Background Technical Document for NDEP Basic

Comparison Levels (BCLs) for Human Health for the BMI Complex and Common Areas. Revision 13, February.

USEPA, 2015. Regional Screening Levels (RSL) for Chemical Contaminants at Superfund Sites. June.



**TABLE A-1a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 2**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-25						
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs
						RISB-25-0.5-20141023	RISB-25-5.0-20141023	RISB-25-10.0-20141023	RISB-25-15.0-20141023	RISB-25-20.0-20141023	RISB-25-25.0-20141023	RISB-25-30.0-20141023
Chlorates	Chlorate	EPA 300.1	1.03	BCL	mg/kg	0.11 J	0.088 J	0.16 J	0.46	0.97	140	190
	Perchlorate	EPA 314.0	0.0185	BCL	mg/kg	5.8	4.4	7.3	17 J	40 J	73 J	97 J
Common Metals	Aluminum	EPA 6010	75	BCL	mg/kg	8,500	9,400	10,000	8,100	7,800	7,200	6,400
	Antimony	EPA 6020	0.3	BCL	mg/kg	0.53 UJ	0.55 UJ	0.54 UJ	0.53 UJ	0.53 UJ	0.55 UJ	0.55 UJ
	Arsenic	EPA 6020	1	BCL	mg/kg	2.0	3.8	6.9	6.9	12	20	7.9
	Barium	EPA 6010	82	BCL	mg/kg	200 J	200 J	160 J	190 J	200 J	130 J	260 J
	Boron	EPA 6010	21.4	BCL	mg/kg	6.3	7.4	12	10	12	15	7.6
	Cadmium	EPA 6010	0.4	BCL	mg/kg	<0.26	<0.27	<0.54	<0.27	<0.26	<0.28	<0.28
	Chromium (total)	EPA 6010	180,000	RSL	mg/kg	14	13	15	11	17	18	14
	Cobalt	EPA 6010	0.453	BCL	mg/kg	8.6	7.9	6.8	5.8	4.0	3.7	3.6
	Copper	EPA 6010	45.8	BCL	mg/kg	19	16	16	14	13	8.8	9.7
	Iron	EPA 6010	7.56	BCL	mg/kg	17,000	15,000	15,000	12,000	10,000	8,700	7,500
	Lead	EPA 6010	13.5	RSL	mg/kg	11	9.4	7.7	7.3	7.1	5.9	7.5
	Magnesium	EPA 6010	889	BCL	mg/kg	8,500	9,200	13,000	9,700	8,400	15,000	7,500
	Manganese	EPA 6010	1.3	BCL	mg/kg	600	360	270	230	180	140	170
	Mercury	EPA 7471	0.104	BCL	mg/kg	0.031	0.038	0.030	0.026	0.16	0.017 J	0.014 J
	Molybdenum	EPA 6010	3.37	BCL	mg/kg	<1.1	<1.1	<2.2	<1.1	<1.1	<1.1	1.8 J
	Nickel	EPA 6010	7	BCL	mg/kg	19	16	14	15	12	11	9.3
	Selenium	EPA 6020	0.3	BCL	mg/kg	<0.53	<0.55	<0.54	<0.53	<0.53	<0.55	<0.55
Silver	EPA 6010	0.85	BCL	mg/kg	<0.79	<0.82	<1.6	<0.80	<0.79	<0.83	<0.83	
Thallium	EPA 6020	0.4	BCL	mg/kg	<0.26	<0.27	<0.27	<0.27	<0.26	<0.28	<0.28	
Zinc	EPA 6010	620	BCL	mg/kg	38	35	32	29	24	22	20	

**Notes:**

ft bgs: feet below ground surface

FD: Field Duplicate

Above Screening Level

bold value: detection

Soil screening levels were selected according to the following hierarchy of criteria:

1. Basic Comparison Level (BCL): Leaching-based basic comparison levels (LBCL) with dilution attenuation factor (DAF) of 1 in the most recent version of Nevada Division of Environmental Protection (NDEP) documents (February 2015).
2. Regional Screening Level (RSL): United States Environmental Protection Agency (USEPA) Regional Screening Levels (RSL) for groundwater protection (June 2015), with the maximum contaminant level (MCL) based screening levels selected over the risk-based screening levels, if available (USEPA 2015)
3. Calculated Criteria (CAL): Generic leaching-based BCLs (LBCLs) calculated using the approach presented in NDEP guidance (NDEP 2015).

**Sources:**

NDEP, 2015. User's Guide and Background Technical Document for NDEP Basic

Comparison Levels (BCLs) for Human Health for the BMI Complex and Common Areas. Revision 13, February.

USEPA, 2015. Regional Screening Levels (RSL) for Chemical Contaminants at Superfund Sites. June.



**TABLE A-1a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 2**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-26								
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs	31-31.5 ft bgs
						RISB-26-0.5-20141023	RISB-26-5.0-20141023	RISB-26-10.0-20141023	RISB-26-15.0-20141023	RISB-26-15.0-20141023-FD	RISB-26-20.0-20141023	RISB-26-25.0-20141023	RISB-26-30.0-20141023	RISB-26-31.0-20141024
Chlorates	Chlorate	EPA 300.1	1.03	BCL	mg/kg	8.9	5.0	5.2	4.0	3.1	2.8	150	200	92
	Perchlorate	EPA 314.0	0.0185	BCL	mg/kg	110	76	91	66	52	53	100	100	81 J
Common Metals	Aluminum	EPA 6010	75	BCL	mg/kg	8,500	9,300	9,700	8,600	9,200	6,600	7,300	5,800	5,800
	Antimony	EPA 6020	0.3	BCL	mg/kg	0.52 UJ	0.54 UJ	0.55 UJ	0.54 UJ	0.53 UJ	0.53 UJ	0.56 UJ	0.54 UJ	0.57 UJ
	Arsenic	EPA 6020	1	BCL	mg/kg	6.4	3.0	4.0	4.8	5.0	9.2	31	14	13
	Barium	EPA 6010	82	BCL	mg/kg	380 J	170 J	200 J	180 J	180 J	140 J	180 J	130 J	140 J
	Boron	EPA 6010	21.4	BCL	mg/kg	8.6	7.4	11	8.9	9.9	9.6	18	9.8 J	7.0 J
	Cadmium	EPA 6010	0.4	BCL	mg/kg	<0.26	<0.27	<0.28	<0.27	<0.27	<0.27	<0.28	<0.54	<0.57
	Chromium (total)	EPA 6010	180,000	RSL	mg/kg	18	13	13	11	12	10	19	16	25
	Cobalt	EPA 6010	0.453	BCL	mg/kg	5.3	8.0	8.2	5.8	6.8	3.9	3.4	2.2	3.0
	Copper	EPA 6010	45.8	BCL	mg/kg	14	17	17	14	17	10	9.9	7.0	9.0
	Iron	EPA 6010	7.56	BCL	mg/kg	11,000	16,000	15,000	12,000	14,000	9,100	8,600	6,700	7,700 J
	Lead	EPA 6010	13.5	RSL	mg/kg	9.1	120	9.1	7.2	7.9	7.8	5.5	4.5	4.5 J
	Magnesium	EPA 6010	889	BCL	mg/kg	8,600	9,400	13,000	10,000	12,000	6,900	17,000	9,500	7,100
	Manganese	EPA 6010	1.3	BCL	mg/kg	270	350	390	240	290	170	150	100	140
	Mercury	EPA 7471	0.104	BCL	mg/kg	0.030	0.031	<0.014	0.019 J	0.026	0.015 J	0.030	0.017 J	<0.014
	Molybdenum	EPA 6010	3.37	BCL	mg/kg	3.8	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<2.1	5.9
	Nickel	EPA 6010	7	BCL	mg/kg	16	17	16	13	16	11	10	6.0	9.2
	Selenium	EPA 6020	0.3	BCL	mg/kg	<0.52	<0.54	<0.55	<0.54	<0.53	<0.53	<0.56	<0.54	<0.57
Silver	EPA 6010	0.85	BCL	mg/kg	<0.79	<0.81	<0.83	<0.81	<0.80	<0.80	<0.83	<1.6	<1.7	
Thallium	EPA 6020	0.4	BCL	mg/kg	<0.26	<0.27	<0.28	<0.27	<0.27	<0.27	<0.28	<0.27	<0.29	
Zinc	EPA 6010	620	BCL	mg/kg	31	34	35	29	31	23	21	16	18	

**Notes:**

ft bgs: feet below ground surface

FD: Field Duplicate

Above Screening Level

bold value: detection

Soil screening levels were selected according to the following hierarchy of criteria:

1. Basic Comparison Level (BCL): Leaching-based basic comparison levels (LBCL) with dilution attenuation factor (DAF) of 1 in the most recent version of Nevada Division of Environmental Protection (NDEP) documents (February 2015).
2. Regional Screening Level (RSL): United States Environmental Protection Agency (USEPA) Regional Screening Levels (RSL) for groundwater protection (June 2015), with the maximum contaminant level (MCL) based screening levels selected over the risk-based screening levels, if available (USEPA 2015)
3. Calculated Criteria (CAL): Generic leaching-based BCLs (LBCLs) calculated using the approach presented in NDEP guidance (NDEP 2015).

**Sources:**

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USEPA, 2015. Regional Screening Levels (RSL) for Chemical Contaminants at Superfund Sites. June.

**TABLE A-1a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 2**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-27						RISB-28							
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs
						RISB-27-0.5-20141024	RISB-27-5.0-20141024	RISB-27-10.0-20141024	RISB-27-10.0-20141024-FD	RISB-27-15.0-20141024	RISB-27-20.0-20141024	RISB-27-25.0-20141024	RISB-28-0.5-20141024	RISB-28-5.0-20141024	RISB-28-5.0-20141024-FD	RISB-28-10.0-20141027	RISB-28-15.0-20141027	RISB-28-20.0-20141027	RISB-28-25.0-20141027
Chlorates	Chlorate	EPA 300.1	1.03	BCL	mg/kg	0.26	5.3	5.9	5.7	2.8	6.1	1,100	0.99	6.8	5.0	8.1	3.9	1.4	19
	Perchlorate	EPA 314.0	0.0185	BCL	mg/kg	4.1 J	65 J	73 J	68 J	21 J	24 J	200 J	19 J	40 J	38 J	73	40	14	24
Common Metals	Aluminum	EPA 6010	75	BCL	mg/kg	8,100	9,400	10,000	9,600	7,500	6,400	14,000	8,400	8,800	8,800	11,000	9,400	6,300	6,600
	Antimony	EPA 6020	0.3	BCL	mg/kg	0.51 UJ	0.54 UJ	0.56 UJ	0.55 UJ	0.53 UJ	0.53 UJ	0.69 UJ	0.51 UJ	0.54 UJ	0.54 UJ	0.55 UJ	0.54 UJ	0.52 UJ	0.55 UJ
	Arsenic	EPA 6020	1	BCL	mg/kg	3.2	3.0	3.3	3.1	5.2	7.3	35	2.5	3.1	3.3	5.3	5.6	8.3	54
	Barium	EPA 6010	82	BCL	mg/kg	150 J	200 J	170 J	180 J	140 J	110 J	1,300 J	200 J	180 J	200 J	190	160	170	220
	Boron	EPA 6010	21.4	BCL	mg/kg	6.6 J	12	13	12	7.1	7.5	35	9.7	9.0	8.7	11	8.5	8.9	23
	Cadmium	EPA 6010	0.4	BCL	mg/kg	<0.51	<0.27	<0.28	<0.27	<0.26	<0.26	<0.35	<0.25	<0.27	<0.27	<0.28	<0.27	<0.26	<0.27
	Chromium (total)	EPA 6010	180,000	RSL	mg/kg	17	13	13	12	8.2	8.8	38	12	11	11	19	15	12	21
	Cobalt	EPA 6010	0.453	BCL	mg/kg	12	8.0	8.3	7.9	6.5	4.2	4.4	10	7.8	8.1	9.0	7.3	4.5	3.5
	Copper	EPA 6010	45.8	BCL	mg/kg	17	18	18	17	16	10	14	20	18	18	21	19	13	13
	Iron	EPA 6010	7.56	BCL	mg/kg	12,000 J	15,000 J	16,000 J	14,000 J	11,000 J	8,200 J	12,000 J	14,000 J	14,000 J	14,000 J	20,000	18,000	12,000	11,000
	Lead	EPA 6010	13.5	RSL	mg/kg	28	8.3	6.8	7.5	5.8	6.5	6.6	12	7.5	7.2	10	7.7	7.1	6.4
	Magnesium	EPA 6010	889	BCL	mg/kg	9,300	10,000	17,000	14,000	10,000	6,200	73,000	9,200	10,000	10,000	14,000	12,000	6,700	18,000
	Manganese	EPA 6010	1.3	BCL	mg/kg	2,000	390	350	360	280	170	280	1,000	330	390	380	310	200	170
	Mercury	EPA 7471	0.104	BCL	mg/kg	0.062	0.020 J	0.041 J	0.014 J	0.023 J	0.012 UJ	0.020 J	0.028 J	0.026 J	0.025 J	0.016 J	0.014 J	0.018 J	0.019 J
	Molybdenum	EPA 6010	3.37	BCL	mg/kg	<2.0	<1.1	<1.1	<1.1	<1.1	<1.1	<1.4	<1.0	<1.1	<1.1	<1.1	<1.1	<1.0	<1.1
	Nickel	EPA 6010	7	BCL	mg/kg	16	16	17	16	15	10	13	17	16	17	18	16	13	10
	Selenium	EPA 6020	0.3	BCL	mg/kg	<0.51	<0.54	<0.56	<0.55	<0.53	<0.53	<0.69	<0.51	<0.54	<0.54	0.55 UJ	0.54 UJ	0.52 UJ	0.55 UJ
Silver	EPA 6010	0.85	BCL	mg/kg	<1.5	<0.81	<0.84	<0.82	<0.79	<0.79	<1.0	<0.76	<0.81	<0.81	<0.83	<0.80	<0.79	<0.82	
Thallium	EPA 6020	0.4	BCL	mg/kg	<0.25	<0.27	<0.28	<0.27	<0.26	<0.26	<0.35	<0.25	<0.27	<0.27	0.28 UJ	0.27 UJ	0.26 UJ	0.27 UJ	
Zinc	EPA 6010	620	BCL	mg/kg	41	36	37	34	29	20	41	41	35	33	36	34	24	23	

**Notes:**

ft bgs: feet below ground surface

FD: Field Duplicate

Above Screening Level

bold value: detection

Soil screening levels were selected according to the following hierarchy of criteria:

1. Basic Comparison Level (BCL): Leaching-based basic comparison levels (LBCL) with dilution attenuation factor (DAF) of 1 in the most recent version of Nevada Division of Environmental Protection (NDEP) documents (February 2015).
2. Regional Screening Level (RSL): United States Environmental Protection Agency (USEPA) Regional Screening Levels (RSL) for groundwater protection (June 2015), with the maximum contaminant level (MCL) based screening levels selected over the risk-based screening levels, if available (USEPA 2015)
3. Calculated Criteria (CAL): Generic leaching-based BCLs (LBCLs) calculated using the approach presented in NDEP guidance (NDEP 2015).

**Sources:**

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**TABLE A-1a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 2**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-29					
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	23-23.5 ft bgs
						RISB-29-0.5-20141027	RISB-29-5.0-20141027	RISB-29-10.0-20141027	RISB-29-15.0-20141027	RISB-29-20.0-20141027	RISB-29-23.0-20141027
Chlorates	Chlorate	EPA 300.1	1.03	BCL	mg/kg	9.0	12	5.6	3.8	2.6	37
	Perchlorate	EPA 314.0	0.0185	BCL	mg/kg	18	87	31	9.8	6.9	20
Common Metals	Aluminum	EPA 6010	75	BCL	mg/kg	9,700	12,000	10,000	11,000	8,100	6,000
	Antimony	EPA 6020	0.3	BCL	mg/kg	0.50 UJ	0.56 UJ	0.55 UJ	0.54 UJ	0.52 UJ	0.53 UJ
	Arsenic	EPA 6020	1	BCL	mg/kg	3.0	3.8	4.3	5.4	5.7	6.2
	Barium	EPA 6010	82	BCL	mg/kg	210	150	180	230	160	120
	Boron	EPA 6010	21.4	BCL	mg/kg	7.8	11	10	10	8.2	8.3
	Cadmium	EPA 6010	0.4	BCL	mg/kg	0.42 J	<0.28	<0.27	<0.27	<0.26	<0.27
	Chromium (total)	EPA 6010	180,000	RSL	mg/kg	19	20	16	23	20	16
	Cobalt	EPA 6010	0.453	BCL	mg/kg	17	9.9	9.5	9.6	6.0	4.3
	Copper	EPA 6010	45.8	BCL	mg/kg	26	22	22	24	19	12
	Iron	EPA 6010	7.56	BCL	mg/kg	20,000	21,000	20,000	21,000	16,000	11,000
	Lead	EPA 6010	13.5	RSL	mg/kg	14	12	9.0	8.7	7.2	6.5
	Magnesium	EPA 6010	889	BCL	mg/kg	11,000	14,000	13,000	17,000	9,100	5,900
	Manganese	EPA 6010	1.3	BCL	mg/kg	2,000	470	360	410	230	190
	Mercury	EPA 7471	0.104	BCL	mg/kg	0.049	0.024 J	0.033 J	0.023 J	0.022 J	0.019 J
	Molybdenum	EPA 6010	3.37	BCL	mg/kg	<1.0	<1.1	<1.1	<1.1	2.7	1.8 J
	Nickel	EPA 6010	7	BCL	mg/kg	22	21	20	23	19	11
	Selenium	EPA 6020	0.3	BCL	mg/kg	0.50 UJ	0.56 UJ	0.55 UJ	0.54 UJ	0.52 UJ	0.53 UJ
Silver	EPA 6010	0.85	BCL	mg/kg	<0.75	<0.84	<0.82	<0.81	<0.78	<0.80	
Thallium	EPA 6020	0.4	BCL	mg/kg	0.25 UJ	0.28 UJ	0.27 UJ	0.27 UJ	0.26 UJ	0.27 UJ	
Zinc	EPA 6010	620	BCL	mg/kg	52	42	38	39	31	23	

**Notes:**

ft bgs: feet below ground surface

FD: Field Duplicate

Above Screening Level

bold value: detection

Soil screening levels were selected according to the following hierarchy of criteria:

1. Basic Comparison Level (BCL): Leaching-based basic comparison levels (LBCL) with dilution attenuation factor (DAF) of 1 in the most recent version of Nevada Division of Environmental Protection (NDEP) documents (February 2015).
2. Regional Screening Level (RSL): United States Environmental Protection Agency (USEPA) Regional Screening Levels (RSL) for groundwater protection (June 2015), with the maximum contaminant level (MCL) based screening levels selected over the risk-based screening levels, if available (USEPA 2015)
3. Calculated Criteria (CAL): Generic leaching-based BCLs (LBCLs) calculated using the approach presented in NDEP guidance (NDEP 2015).

**Sources:**

NDEP, 2015. User's Guide and Background Technical Document for NDEP Basic

Comparison Levels (BCLs) for Human Health for the BMI Complex and Common Areas. Revision 13, February.

USEPA, 2015. Regional Screening Levels (RSL) for Chemical Contaminants at Superfund Sites. June.

**TABLE A-1b. GRAB GROUNDWATER ANALYTICAL RESULTS IN BORINGS - AREA 2**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Residential Screening Levels		Unit	RISB-15	RISB-16	RISB-17	RISB-18	RISB-19	RISB-20		RISB-21	RISB-22	RISB-23	RISB-24		RISB-25
			34.9-39 ft bgs	30-35.2 ft bgs		33.9-35.4 ft bgs	27.5-36 ft bgs	40-45 ft bgs	30.4-40 ft bgs	30.4-40 ft bgs	32.4-35 ft bgs	29.2-35 ft bgs	28.2-35 ft bgs	27.3-35 ft bgs	30.5-35 ft bgs	34.1-35 ft bgs		
			Level	Source		RISB-15-GW-20141103	RISB-16-GW-20141029	RISB-17-GW-20141029	RISB-18-GW-20141028	RISB-19-GW-20141027	RISB-20-GW-20141030	RISB-20-GW-20141030-FD	RISB-21-GW-20141031	RISB-22-GW-20141029	RISB-23-GW-20141029	RISB-24-GW-20141028	RISB-24-GW-20141028-FD	RISB-25-GW-20141023
Chlorates	Chlorate	EPA 300.1	1,000	BCL	µg/l	2,600,000	4,000,000	4,300,000	4,800,000	4,800,000	2,700,000	2,500,000	4,400,000	4,500,000	4,400,000	3,600,000	3,600,000	2,100,000
	Perchlorate	EPA 314.0	18	BCL	µg/l	1,000,000	800,000	1,400,000	2,500,000	1,800,000	2,000,000	2,200,000	1,100,000	1,500,000	2,400,000	1,300,000	1,300,000	1,500,000
Common Metals	Aluminum	EPA 200.7	50	BCL	µg/l	<130	83 J	<50	530 J	390 J	50 UJ	53 J	<130	61 J	<50	150 J	230 J	230
	Antimony	EPA 200.8	0.006	MCL	mg/l	<0.00050	<0.0010	<0.0010	<0.0010	<0.0025	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0025
	Arsenic	EPA 200.8	0.01	MCL	mg/l	0.037	0.081	0.081	0.068	0.041	0.066	0.067	0.067	0.089	0.098	0.073 J	0.045 J	0.088
	Barium	EPA 200.7	2,000	MCL	µg/l	110	65	71	77	100	46	44	75	88	140	75	98	54
	Boron	EPA 200.7	6,670	BCL	µg/l	7,100	4,500	4,400	4,400	5,200	6,900	6,900	4,600	4,600	4,700	4,200	4,200	14,000
	Cadmium	EPA 200.7	5	MCL	µg/l	<2.0	<4.0	<4.0	<4.0	<10	<4.0	<4.0	<2.0	<4.0	<4.0	<4.0	<4.0	<2.0
	Chromium (total)	EPA 200.7	100	MCL	µg/l	6,200	18,000	20,000	21,000	22,000	10,000	10,000	16,000	21,000	21,000	16,000	16,000	8,500
	Cobalt	EPA 200.7	10	BCL	µg/l	<2.5	<5.0	<5.0	<5.0	<13	<5.0	<5.0	<2.5	<5.0	<5.0	<5.0	<5.0	<2.5
	Copper	EPA 200.7	1,300	MCL	µg/l	<5.0	<10	<10	<10	<25	<10	<10	<5.0	<10	<10	<10	<10	<5.0
	Iron	EPA 200.7	300	BCL	µg/l	<10	28 J	21 J	160	<50	<20	<20	<10	23 J	39 J	20 UJ	30 J	<50
	Lead	EPA 200.7	15	MCL	µg/l	<2.5	<5.0	<5.0	<5.0	13 UJ	<5.0	<5.0	7.9	<5.0	<5.0	5.5 J	5.0 UJ	<2.5
	Magnesium	EPA 200.7	189,000	BCL	µg/l	300,000	260,000	300,000	420,000	460,000	330,000	330,000	290,000	320,000	360,000	260,000	260,000	250,000
	Manganese	EPA 200.7	20	BCL	µg/l	210	46	22 J	<20	75 J	27 J	25 J	48	<20	50	51 J	26 J	35
	Mercury	EPA 7470	2 ug/l	BCL	>1 unit	<0.00020	<0.00020	<0.00020	<0.00020	<0.20	<0.00020	<0.00020	0.00020 J	<0.00020	<0.00020	<0.00020	<0.00020	0.00013 J
	Molybdenum	EPA 200.7	167	BCL	µg/l	150	53	72	40	62 J	35 J	37 J	89	44	47	80 J	120 J	27
	Nickel	EPA 200.7	667	BCL	µg/l	<5.0	<10	<10	<10	<25	<10	<10	<5.0	<10	<10	<10	<10	<5.0
	Selenium	EPA 200.8	50	MCL	µg/l	4.2	4.7	4.8	4.9	<2.5	4.8	4.9	3.8 J	5.0	4.7	4.3	4.5	5.3 J
Silver	EPA 200.7	100	BCL	µg/l	<5.0	<10	<10	<10	<25	<10	<10	<5.0	<10	<10	<10	<10	<5.0	
Thallium	EPA 200.8	2	MCL	µg/l	<0.50	<1.0	<1.0	<1.0	<2.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.5	
Zinc	EPA 200.7	10,000	BCL	µg/l	<10	<20	<20	<20	<50	--	--	<10	22 J	30 J	20 UJ	32 J	<10	
Rare Metals	Zirconium	EPA 200.7	2.67	BCL	µg/l	--	--	--	--	--	<200	<200	--	--	--	--	--	

**Notes:**

ft bgs: feet below ground surface

FD: Field Duplicate

GW: Groundwater

Above Screening Level

bold value: detection

Groundwater screening levels were selected according to the following hierarchy of criteria:

1. Maximum Contaminant Level (MCL): Primary United States Environmental Protections Agency (USEPA) maximum contaminant level (40 CFR Part 141).
2. Basic Contaminant Level (BCL): Residential water basic comparison levels in NDEP February 2015 BCL Spreadsheet or Target Water Activities for radionuclides (NDEP 2015).
3. Regional Screening Level (RSL): Tap water regional screening levels in USEPA Pacific Southwest, Region 9, Regional Screening Levels Chemical Specific Parameters table, June 2015. The screening levels were selected as the minimal values of carcinogenic screening level and noncarcinogenic screening level (USEPA 2015).
4. 2<sup>nd</sup> Maximum Contaminant Level (2<sup>nd</sup> MCL): National Secondary Drinking Water Regulations (40 CFR Part 143).

**Sources:**

NDEP, 2015. User's Guide and Background Technical Document for NDEP Basic

Comparison Levels (BCLs) for Human Health for the BMI Complex and

Common Areas. Revision 13, February.

USEPA, 2015. Regional Screening Levels (RSL) for Chemical Contaminants at Superfund

Sites. June.

USEPA. National Primary Drinking Water Regulations. Code of Federal Regulations,

40 CFR Part 141.

USEPA. National Secondary Drinking Water Regulations. Code of Federal Regulations,

40 CFR Part 143.

**TABLE A-1b. GRAB GROUNDWATER ANALYICAL RESULTS IN BORINGS - AREA  
RI Data Evaluation  
Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Residential Screening Levels		Unit	RISB-26	RISB-27	RISB-28	RISB-29
			Level	Source		31.8-40 ft bgs	31.3-34 ft bgs	27.5-33 ft bgs	28-34 ft bgs
						RISB-26-GW-20141024	RISB-27-GW-20141024	RISB-28-GW-20141027	RISB-29-GW-20141027
Chlorates	Chlorate	EPA 300.1	1,000	BCL	µg/l	<b>3,100,000</b>	<b>4,300,000</b>	<b>4,200,000</b>	<b>4,200,000</b>
	Perchlorate	EPA 314.0	18	BCL	µg/l	<b>2,300,000</b>	<b>1,600,000</b>	<b>1,900,000</b>	<b>2,200,000</b>
Common Metals	Aluminum	EPA 200.7	50	BCL	µg/l	<50	<b>180</b>	<b>380 J</b>	<b>380 J</b>
	Antimony	EPA 200.8	0.006	MCL	mg/l	<0.0025	<0.0025	<0.0025	<0.0025
	Arsenic	EPA 200.8	0.01	MCL	mg/l	<b>0.065</b>	<b>0.094</b>	<b>0.083</b>	<b>0.081</b>
	Barium	EPA 200.7	2,000	MCL	µg/l	<b>62</b>	<b>61</b>	<b>73</b>	<b>170</b>
	Boron	EPA 200.7	6,670	BCL	µg/l	<b>5,900</b>	<b>4,500</b>	<b>4,500</b>	<b>4,600</b>
	Cadmium	EPA 200.7	5	MCL	µg/l	<4.0	<4.0	<10	<10
	Chromium (total)	EPA 200.7	100	MCL	µg/l	<b>12,000</b>	<b>20,000</b>	<b>23,000</b>	<b>20,000</b>
	Cobalt	EPA 200.7	10	BCL	µg/l	<5.0	<5.0	<13	<13
	Copper	EPA 200.7	1,300	MCL	µg/l	<10	<10	<25	<25
	Iron	EPA 200.7	300	BCL	µg/l	<50	<b>86 J</b>	<50	<50
	Lead	EPA 200.7	15	MCL	µg/l	<5.0	<5.0	13 UJ	13 UJ
	Magnesium	EPA 200.7	189,000	BCL	µg/l	<b>360,000</b>	<b>340,000</b>	<b>410,000</b>	<b>380,000</b>
	Manganese	EPA 200.7	20	BCL	µg/l	<b>59</b>	<20	<50	<b>83 J</b>
	Mercury	EPA 7470	2 ug/l	BCL	>1 unit	<0.20	<0.20	<0.20	<0.20
	Molybdenum	EPA 200.7	167	BCL	µg/l	<b>33 J</b>	<b>24 J</b>	<50	<b>96 J</b>
	Nickel	EPA 200.7	667	BCL	µg/l	<10	<10	<25	<25
	Selenium	EPA 200.8	50	MCL	µg/l	<b>4.4 J</b>	<b>3.5 J</b>	<2.5	<2.5
	Silver	EPA 200.7	100	BCL	µg/l	<10	<10	<25	<25
Thallium	EPA 200.8	2	MCL	µg/l	<2.5	<2.5	<2.5	<2.5	
Zinc	EPA 200.7	10,000	BCL	µg/l	<20	<b>23 J</b>	<50	<50	
Rare Metals	Zirconium	EPA 200.7	2.67	BCL	µg/l	--	--	--	--

**Notes:**

ft bgs: feet below ground surface

FD: Field Duplicate

GW: Groundwater

Above Screening Level

bold value: detection

Groundwater screening levels were selected according to the following hierarchy of criteria:

1. Maximum Contaminant Level (MCL): Primary United States Environmental Protections Agency (USEPA) maximum contaminant level (40 CFR Part 141).
2. Basic Contaminant Level (BCL): Residential water basic comparison levels in NDEP February 2015 BCL Spreadsheet or Target Water Activities for radionuclides (NDEP 2015).
3. Regional Screening Level (RSL): Tap water regional screening levels in USEPA Pacific Southwest, Region 9, Regional Screening Levels Chemical Specific Parameters table, June 2015. The screening levels were selected as the minimal values of carcinogenic screening level and noncarcinogenic screening level (USEPA 2015).
4. 2<sup>nd</sup> Maximum Contaminant Level (2<sup>nd</sup> MCL): National Secondary Drinking Water Regulations (40 CFR Part 143).

**Sources:**

NDEP, 2015. User's Guide and Background Technical Document for NDEP Basic

Comparison Levels (BCLs) for Human Health for the BMI Complex and

Common Areas. Revision 13, February.

USEPA, 2015. Regional Screening Levels (RSL) for Chemical Contaminants at Superfund

Sites. June.

USEPA. National Primary Drinking Water Regulations. Code of Federal Regulations,

40 CFR Part 141.

USEPA. National Secondary Drinking Water Regulations. Code of Federal Regulations,

40 CFR Part 143.

**TABLE A-2a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 3**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-09							RISB-10						
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs
						RISB-09-0.5-20141211	RISB-09-5.0-20141211	RISB-09-10.0-20141211	RISB-09-15.0-20141211	RISB-09-20.0-20141211	RISB-09-25.0-20141211	RISB-09-30.0-20141212	RISB-10-0.5-20141215	RISB-10-5.0-20141215	RISB-10-10.0-20141215	RISB-10-15.0-20141215	RISB-10-15.0-20141215-FD	RISB-10-20.0-20141215	RISB-10-25.0-20141215
Asbestos	Long Amphibole Protocol Structures	EPA 540			s/gPM10	<8,960,000	<8,900,000	--	--	--	--	--	<8,970,000	<8,860,000	--	--	--	--	
	Long Amphibole Protocol Structures Count	EPA 540			s/samp	<0	<0	--	--	--	--	--	1	<0	--	--	--	--	--
	Long Asbestos Protocol Structures	EPA 540			s/gPM10	<8,960,000	<8,900,000	--	--	--	--	--	<8,970,000	<8,860,000	--	--	--	--	--
	Long Asbestos Protocol Structures Count	EPA 540			s/samp	<0	<0	--	--	--	--	--	1	<0	--	--	--	--	--
	Long Chrysotile Protocol Structures	EPA 540			s/gPM10	<8,960,000	<8,900,000	--	--	--	--	--	<8,970,000	<8,860,000	--	--	--	--	--
	Long Chrysotile Protocol Structures Count	EPA 540			s/samp	<0	<0	--	--	--	--	--	<0	<0	--	--	--	--	--
	Short Amphibole Structures	EPA 540			s/gPM10	<8,960,000	<8,900,000	--	--	--	--	--	<8,970,000	<8,860,000	--	--	--	--	--
	Short Amphibole Structures Counts	EPA 540			s/samp	<0	<0	--	--	--	--	--	<0	<0	--	--	--	--	--
	Short Asbestos Structures	EPA 540			s/gPM10	<8,960,000	<8,900,000	--	--	--	--	--	<8,970,000	<8,860,000	--	--	--	--	--
	Short Asbestos Structures Counts	EPA 540			s/samp	<0	<0	--	--	--	--	--	<0	<0	--	--	--	--	--
	Short Chrysotile Structures	EPA 540			s/gPM10	<8,960,000	<8,900,000	--	--	--	--	--	<8,970,000	<8,860,000	--	--	--	--	--
	Short Chrysotile Structures Counts	EPA 540			s/samp	<0	<0	--	--	--	--	--	<0	<0	--	--	--	--	--
	Total Amphibole Protocol Structures	EPA 540			s/gPM10	<8,960,000	<8,900,000	--	--	--	--	--	<8,970,000	<8,860,000	--	--	--	--	--
	Total Amphibole Protocol Structures Count	EPA 540			s/samp	<0	<0	--	--	--	--	--	1	<0	--	--	--	--	--
Total Asbestos Protocol Structures	EPA 540			s/gPM10	<8,960,000	<8,900,000	--	--	--	--	--	<8,970,000	<8,860,000	--	--	--	--	--	
Total Asbestos Protocol Structures Count	EPA 540			s/samp	<0	<0	--	--	--	--	--	1	<0	--	--	--	--	--	
Total Chrysotile Protocol Structures	EPA 540			s/gPM10	<8,960,000	<8,900,000	--	--	--	--	--	<8,970,000	<8,860,000	--	--	--	--	--	
Total Chrysotile Protocol Structures Count	EPA 540			s/samp	<0	<0	--	--	--	--	--	<0	<0	--	--	--	--	--	
Chlorates	Chlorate	EPA 300.1	1.03	BCL	mg/kg	3.4	3.7	7.7	6.2	4.8	270	130	8.3	3.2	7.1	7.3	6.8	5.0	380
	Perchlorate	EPA 314.0	0.0185	BCL	mg/kg	47	35	5.9	8.5	4.7	52	49	130	18	4.6	4.3	5.0	2.0	34
Common Metals	Aluminum	EPA 6010	75	BCL	mg/kg	9,700	9,600	9,900	9,600	10,000	13,000	9,700	10,000	10,000	12,000	12,000	10,000	9,800	10,000
	Antimony	EPA 6020	0.3	BCL	mg/kg	0.51 UJ	0.52 UJ	0.54 UJ	0.53 UJ	0.53 UJ	0.61 UJ	0.57 UJ	0.51 UJ	0.53 UJ	0.55 UJ	0.55 UJ	0.55 UJ	0.53 UJ	0.55 UJ
	Arsenic	EPA 6020	1	BCL	mg/kg	2.3	2.5	5.0	4.3	4.5	35	8.9	2.4	3.2	5.2	4.7	4.6	5.3	11
	Barium	EPA 6010	82	BCL	mg/kg	180	170	170	160	170	350	180	170	190	220	270	230	170	150
	Boron	EPA 6010	21.4	BCL	mg/kg	11	11	10	9.7	9.2	39	17	15	11	14	13	11	10	16
	Cadmium	EPA 6010	0.4	BCL	mg/kg	<0.25	<0.26	<0.27	<0.27	<0.27	<0.31	<0.29	<0.26	<0.27	<0.27	<0.28	<0.27	<0.26	<0.28
	Chromium (total)	EPA 6010	180,000	RSL	mg/kg	11	17	14	16	15	62	33	14	12	15	16	13	13	17
	Cobalt	EPA 6010	0.453	BCL	mg/kg	9.0	8.8	7.4	7.2	7.1	5.2	5.7	8.2	7.6	8.3	8.2	6.8	6.6	6.1
	Copper	EPA 6010	45.8	BCL	mg/kg	21	21	19	18	18	17	36	20	19	21	21	19	19	17
	Iron	EPA 6010	7.56	BCL	mg/kg	15,000	16,000	16,000	16,000	16,000	14,000	15,000	17,000	16,000	17,000	18,000	16,000	15,000	14,000
	Lead	EPA 6010	13.5	RSL	mg/kg	9.6	9.3	7.3	7.3	7.0	6.2	6.7	10	8.1	9.0	9.6	7.4	6.9	7.7
	Magnesium	EPA 6010	889	BCL	mg/kg	9,900	9,700	11,000	11,000	12,000	28,000	13,000	10,000	10,000	11,000	16,000	13,000	9,800	10,000
	Manganese	EPA 6010	1.3	BCL	mg/kg	740	700	350	310	320	220	300	550	440	370	390	300	290	240
	Mercury	EPA 7471	0.104	BCL	mg/kg	0.037	0.025	<0.013	<0.013	<0.013	<0.014	0.021 J	<0.012	<0.013	0.020 J	<0.013	<0.014	<0.013	<0.013
Molybdenum	EPA 6010	3.37	BCL	mg/kg	<1.0	1.5 J	<1.1	<1.1	<1.1	<1.2	6.4	<1.0	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	

**TABLE A-2a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 3**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-09						RISB-10							
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs
						RISB-09-0.5-20141211	RISB-09-5.0-20141211	RISB-09-10.0-20141211	RISB-09-15.0-20141211	RISB-09-20.0-20141211	RISB-09-25.0-20141211	RISB-09-30.0-20141212	RISB-10-0.5-20141215	RISB-10-5.0-20141215	RISB-10-10.0-20141215	RISB-10-15.0-20141215	RISB-10-15.0-20141215-FD	RISB-10-20.0-20141215	RISB-10-25.0-20141215
Common Metals	Nickel	EPA 6010	7	BCL	mg/kg	17	17	15	15	14	14	13	17	16	17	17	14	15	14
	Selenium	EPA 6020	0.3	BCL	mg/kg	<0.51	<0.52	<0.54	<0.53	<0.53	<0.61	<0.57	<0.51	<0.53	<0.55	<0.55	<0.55	<0.53	<0.55
	Silver	EPA 6010	0.85	BCL	mg/kg	<0.76	<0.79	<0.81	<0.80	<0.80	<0.92	1.1 J	<0.77	<0.80	<0.82	<0.83	<0.82	<0.79	<0.83
	Thallium	EPA 6020	0.4	BCL	mg/kg	<0.25	<0.26	<0.27	<0.27	<0.27	<0.31	<0.29	<0.26	<0.27	<0.27	<0.28	<0.27	<0.26	<0.28
	Zinc	EPA 6010	620	BCL	mg/kg	39	39	37	34	34	38	31	37	33	34	36	31	32	30
Hexavalent Chromium	Chromium VI	EPA 7199	2	BCL	mg/kg	1.3	<0.42	<0.44	<0.43	0.59 J	0.77 J	0.81 J	<0.41	<0.43	<0.44	<0.45	<0.44	<0.42	0.60 J
Rare Metals	Niobium	EPA 6020	1.17	BCL	mg/kg	<1.8	<1.9	<1.9 R	<1.9 R	<1.8 R	<2.1 R	<2.1 R	1.8 UJ	1.8 UJ	1.8 UJ	1.9 UJ	1.9 UJ	1.9 UJ	2.1 UJ
	Palladium	EPA 6020			mg/kg	<0.051	<0.055	<0.056	<0.054	<0.053	<0.060	<0.061	<0.051	<0.051	<0.052	<0.054	<0.054	<0.054	<0.060
	Strontium	EPA 6010	422	RSL	mg/kg	170	160	390	330	360	290	260	150	210	470	620	580	440	350
	Tungsten	EPA 6010	37.6	BCL	mg/kg	5.1 UJ	5.2 UJ	5.4 UJ	5.3 UJ	5.3 UJ	6.1 UJ	5.7 UJ	5.1 UJ	5.3 UJ	5.5 UJ	5.5 UJ	5.5 UJ	5.3 UJ	5.5 UJ
	Zirconium	EPA 6010	4.79	RSL	mg/kg	22	22	24	25	26	30	27	21	22	22	23	23	20	23
VOCs	Acetone	EPA 8260	0.8	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	t-Amyl methyl ether	EPA 8260			mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Benzene	EPA 8260	0.002	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Bromobenzene	EPA 8260	0.0421	RSL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Bromochloromethane	EPA 8260			mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Bromodichloromethane	EPA 8260	0.03	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Bromoform	EPA 8260	0.04	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Bromomethane	EPA 8260	0.01	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2-Butanone	EPA 8260	1.16	RSL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	n-Butylbenzene	EPA 8260	3.23	RSL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	sec-Butylbenzene	EPA 8260	5.87	RSL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Carbon tetrachloride	EPA 8260	0.003	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Chlorobenzene	EPA 8260	0.07	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Chloroethane	EPA 8260	5.92	RSL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Chloroform	EPA 8260	0.03	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Chloromethane	EPA 8260	0.0486	RSL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2-Chlorotoluene	EPA 8260	0.231	RSL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	4-Chlorotoluene	EPA 8260	0.241	RSL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Cumene	EPA 8260	0.738	RSL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	p-Cymene	EPA 8260	3.91	CAL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Dibromochloromethane	EPA 8260	0.02	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	1,2-Dibromoethane	EPA 8260	0.0000141	RSL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Dibromomethane	EPA 8260	0.00197	RSL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	1,2-Dichlorobenzene	EPA 8260	0.9	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	1,3-Dichlorobenzene	EPA 8260	0.0473	CAL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	1,4-Dichlorobenzene	EPA 8260	0.1	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Dichlorodifluoromethane	EPA 8260	0.304	RSL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	1,1-Dichloroethane	EPA 8260	1	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	1,2-Dichloroethane	EPA 8260	0.001	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	1,1-Dichloroethene	EPA 8260	0.003	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	cis-1,2-Dichloroethene	EPA 8260	0.02	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	trans-1,2-Dichloroethene	EPA 8260	0.03	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichloropropane	EPA 8260	0.001	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
1,3-Dichloropropane	EPA 8260	0.001	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
2,2-Dichloropropane	EPA 8260			mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
1,1-Dichloropropene	EPA 8260			mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
cis-1,3-Dichloropropene	EPA 8260			mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	



**TABLE A-2a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 3**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-09							RISB-10						
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs
						RISB-09-0.5-20141211	RISB-09-5.0-20141211	RISB-09-10.0-20141211	RISB-09-15.0-20141211	RISB-09-20.0-20141211	RISB-09-25.0-20141211	RISB-09-30.0-20141212	RISB-10-0.5-20141215	RISB-10-5.0-20141215	RISB-10-10.0-20141215	RISB-10-15.0-20141215	RISB-10-15.0-20141215-FD	RISB-10-20.0-20141215	RISB-10-25.0-20141215
VOCs	trans-1,3-Dichloropropene	EPA 8260			mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	
	Diisopropyl ether	EPA 8260			mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	
	Ethyl benzene	EPA 8260	0.7	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	
	Ethyl tert-butyl ether	EPA 8260			mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	
	Hexachlorobutadiene	EPA 8260	0.1	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	
	2-Hexanone	EPA 8260			mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	
	Methyl tert-butyl ether	EPA 8260			mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	
	Methylene chloride	EPA 8260	0.001	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	
	Naphthalene	EPA 8260	4	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	
	n-Propylbenzene	EPA 8260	1.22	RSL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	
	Styrene	EPA 8260	0.2	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	
	1,1,1,2-Tetrachloroethane	EPA 8260	0.000218	RSL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	
	1,1,2,2-Tetrachloroethane	EPA 8260	0.0002	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	
	Tetrachloroethene	EPA 8260	0.003	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	
	Toluene	EPA 8260	0.6	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	
	1,2,3-Trichlorobenzene	EPA 8260	0.0209	RSL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	
	1,2,4-Trichlorobenzene	EPA 8260	0.3	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	
	1,1,1-Trichloroethane	EPA 8260	0.1	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	
	1,1,2-Trichloroethane	EPA 8260	0.0009	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	
	Trichloroethene	EPA 8260	0.003	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	
	Trichlorofluoromethane	EPA 8260	0.731	RSL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	
	1,2,3-Trichloropropane	EPA 8260	0.00000323	RSL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	
	1,2,4-Trimethylbenzene	EPA 8260	0.0212	RSL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	
	1,3,5-Trimethylbenzene	EPA 8260	0.167	RSL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	
	Vinyl chloride	EPA 8260	0.0007	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	
	m,p-Xylene	EPA 8260			mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	
o-Xylene	EPA 8260	9	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--		
1,2-Dibromo-3-chloropropane	EPA 8260	0.0000864	RSL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--		
4-Methyl-2-pentanone	EPA 8260			mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--		
tert Butyl alcohol	EPA 8260			mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--		
tert-Butylbenzene	EPA 8260	1.55	RSL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--		
SVOCs	Acenaphthene	EPA 8270	29	BCL	mg/kg	<0.068	<0.069	<0.071	<0.20	<0.070	<0.082	<0.077	<0.067	<0.071	<0.072	<0.074	<0.074	<0.071	
	Acenaphthene	EPA 8270-SIM	29	BCL	mg/kg	<0.0041	<0.0042	<0.0044	<0.013	<0.0043	<0.0049	<0.0046	<0.0041	<0.0043	<0.0044	<0.0044	<0.0044	<0.0042	
	Aniline	EPA 8270	0.00456	RSL	mg/kg	<0.086	<0.088	<0.091	<0.26	<0.089	<0.10	<0.098	<0.085	<0.091	<0.091	<0.093	<0.094	<0.090	
	Anthracene	EPA 8270	590	BCL	mg/kg	<0.081	<0.083	<0.085	<0.24	<0.084	<0.098	<0.092	<0.080	<0.085	<0.086	<0.088	<0.088	<0.085	
	Anthracene	EPA 8270-SIM	590	BCL	mg/kg	<0.0041	<0.0042	<0.0044	<0.013	<0.0043	<0.0049	<0.0046	<0.0041	<0.0043	<0.0044	<0.0044	<0.0044	<0.0042	
	Benzidine	EPA 8270			mg/kg	0.67 UJ	0.68 UJ	0.70 UJ	<2.0 R	0.69 UJ	0.80 UJ	0.76 UJ	<0.66 R	0.70 UJ	0.71 UJ	0.72 UJ	0.73 UJ	0.70 UJ	
	Benzo(k)fluoranthene	EPA 8270	2	BCL	mg/kg	<0.071	<0.072	<0.075	<0.21	<0.073	<0.085	<0.081	<0.070	<0.075	<0.075	<0.077	<0.077	<0.074	
	Benzo(k)fluoranthene	EPA 8270-SIM	2	BCL	mg/kg	<0.0041	<0.0042	<0.0044	<0.013	<0.0043	<0.0049	<0.0046	<0.0041	<0.0043	<0.0044	<0.0044	<0.0044	<0.0042	
	Benzoic acid	EPA 8270	20	BCL	mg/kg	<0.34	<0.35	<0.36	<1.0	<0.36	<0.41	<0.39	<0.34	<0.36	<0.37	<0.37	<0.38	<0.36	
	Benzyl alcohol	EPA 8270	0.476	RSL	mg/kg	<0.15	<0.16	<0.16	<0.46	<0.16	<0.18	<0.17	<0.15	<0.16	<0.16	<0.16	<0.17	<0.16	
	4-Bromophenyl-phenyl ether	EPA 8270			mg/kg	<0.076	<0.078	<0.080	<0.23	<0.079	<0.091	<0.087	<0.075	<0.080	<0.081	<0.082	<0.083	<0.079	
	Butylbenzylphthalate	EPA 8270	810	BCL	mg/kg	<0.081	<0.083	<0.085	<0.24	<0.084	<0.098	<0.092	<0.080	<0.085	<0.086	<0.088	<0.088	<0.085	
	4-Chloroaniline	EPA 8270	0.03	BCL	mg/kg	<0.13	<0.14	<0.14	<0.41	<0.14	<0.16	<0.15	<0.13	<0.14	<0.14	<0.15	<0.15	<0.14	
	2-Chloronaphthalene	EPA 8270	3.85	RSL	mg/kg	<0.068	<0.069	<0.071	<0.20	<0.070	<0.082	<0.077	<0.067	<0.071	<0.072	<0.074	<0.074	<0.071	
	2-Chlorophenol	EPA 8270	0.2	BCL	mg/kg	<0.071	<0.072	<0.075	<0.21	<0.073	<0.085	<0.081	<0.070	<0.075	<0.075	<0.077	<0.077	<0.074	
	4-Chlorophenyl-phenyl ether	EPA 8270			mg/kg	<0.086	<0.088	<0.091	<0.26	<0.089	<0.10	<0.098	<0.085	<0.091	<0.091	<0.093	<0.094	<0.090	



**TABLE A-2a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 3**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-09							RISB-10							
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	
						RISB-09-0.5-20141211	RISB-09-5.0-20141211	RISB-09-10.0-20141211	RISB-09-15.0-20141211	RISB-09-20.0-20141211	RISB-09-25.0-20141211	RISB-09-30.0-20141212	RISB-10-0.5-20141215	RISB-10-5.0-20141215	RISB-10-10.0-20141215	RISB-10-15.0-20141215	RISB-10-15.0-20141215-FD	RISB-10-20.0-20141215	RISB-10-25.0-20141215	
SVOCs	Chrysene	EPA 8270	8	BCL	mg/kg	<0.076	<0.078	<0.080	<0.23	<0.079	<0.091	<0.087	<0.075	<0.080	<0.081	<0.082	<0.083	<0.079	<0.081	
	Chrysene	EPA 8270-SIM	8	BCL	mg/kg	<0.0041	<0.0042	<0.0044	<0.013	<0.0043	<0.0049	<0.0046	<0.0041	<0.0043	<0.0044	<0.0044	<0.0044	<0.0042	<0.0044	
	Di-n-butylphthalate	EPA 8270	270	BCL	mg/kg	<0.091	<0.093	<0.096	<0.27	<0.094	<0.11	<0.10	<0.090	<0.096	<0.097	<0.099	<0.099	<0.095	<0.097	
	Di-n-octylphthalate	EPA 8270	56.5	RSL	mg/kg	<0.091	<0.093	<0.096	<0.27	<0.094	<0.11	<0.10	<0.090	<0.096	<0.097	<0.099	<0.099	<0.095	<0.097	
	Dibenz(a,h)anthracene	EPA 8270	0.08	BCL	mg/kg	<0.10	<0.10	<0.11	<0.31	<0.10	<0.12	<0.12	<0.10	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11
	Dibenz(a,h)anthracene	EPA 8270-SIM	0.08	BCL	mg/kg	<0.0041	<0.0042	<0.0044	<0.013	<0.0043	<0.0049	<0.0046	<0.0041	<0.0043	<0.0044	<0.0044	<0.0044	<0.0042	<0.0044	
	Dibenzofuran	EPA 8270	0.145	RSL	mg/kg	<0.068	<0.069	<0.071	<0.20	<0.070	<0.082	<0.077	<0.067	<0.071	<0.072	<0.074	<0.074	<0.071	<0.072	
	3,3'-Dichlorobenzidine	EPA 8270	0.0003	BCL	mg/kg	<0.15	<0.16	<0.16	<0.46	<0.16	<0.18	<0.17	<0.15	<0.16	<0.16	<0.16	<0.17	<0.16	<0.16	<0.16
	2,4-Dichlorophenol	EPA 8270	0.05	BCL	mg/kg	<0.068	<0.069	<0.071	<0.20	<0.070	<0.082	<0.077	<0.067	<0.071	<0.072	<0.074	<0.074	<0.071	<0.072	
	Diethylphthalate	EPA 8270	6.08	RSL	mg/kg	<0.096	<0.098	<0.10	<0.29	<0.10	<0.12	<0.11	<0.095	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
	2,4-Dimethylphenol	EPA 8270	0.4	BCL	mg/kg	<0.13	<0.13	<0.14	<0.40	<0.14	<0.16	<0.15	<0.13	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14
	Dimethylphthalate	EPA 8270			mg/kg	<0.068	<0.069	<0.071	<0.20	<0.070	<0.082	<0.077	<0.067	<0.071	<0.072	<0.074	<0.074	<0.071	<0.072	
	2,4-Dinitrophenol	EPA 8270	0.01	BCL	mg/kg	<0.33	<0.34	<0.35	<1.0	<0.35	<0.40	0.38 UJ	<0.33	<0.35	<0.35	<0.36	<0.36	<0.36	<0.35	<0.36
	2,4-Dinitrotoluene	EPA 8270	0.00004	BCL	mg/kg	<0.081	<0.083	<0.085	<0.24	<0.084	<0.098	<0.092	<0.080	<0.085	<0.086	<0.088	<0.088	<0.085	<0.086	<0.086
	2,6-Dinitrotoluene	EPA 8270	0.00003	BCL	mg/kg	<0.096	<0.098	<0.10	<0.29	<0.10	<0.12	<0.11	<0.095	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
	Fluoranthene	EPA 8270	210	BCL	mg/kg	<0.071	<0.072	<0.075	<0.21	<0.073	<0.085	<0.081	<0.070	<0.075	<0.075	<0.077	<0.077	<0.074	<0.076	<0.076
	Fluoranthene	EPA 8270-SIM	210	BCL	mg/kg	<0.0041	<0.0042	<0.0044	<0.013	<0.0043	<0.0049	<0.0046	<0.0041	<0.0043	<0.0044	<0.0044	<0.0044	<0.0042	<0.0044	<0.0044
	Fluorene	EPA 8270	28	BCL	mg/kg	<0.071	<0.072	<0.075	<0.21	<0.073	<0.085	<0.081	<0.070	<0.075	<0.075	<0.077	<0.077	<0.074	<0.076	<0.076
	Fluorene	EPA 8270-SIM	28	BCL	mg/kg	<0.0041	<0.0042	<0.0044	<0.013	<0.0043	<0.0049	<0.0046	<0.0041	<0.0043	<0.0044	<0.0044	<0.0044	<0.0042	<0.0044	<0.0044
	Hexachlorobenzene	EPA 8270	0.1	BCL	mg/kg	<0.071	<0.072	<0.075	<0.21	<0.073	<0.085	<0.081	<0.070	<0.075	<0.075	<0.077	<0.077	<0.074	<0.076	<0.076
	Hexachlorocyclopentadiene	EPA 8270	20	BCL	mg/kg	0.13 UJ	0.14 UJ	0.14 UJ	0.41 UJ	0.14 UJ	0.16 UJ	0.15 UJ	0.13 UJ	0.14 UJ	0.14 UJ	0.15 UJ	0.15 UJ	0.14 UJ	0.14 UJ	0.14 UJ
	Hexachloroethane	EPA 8270	0.02	BCL	mg/kg	<0.13	<0.14	<0.14	<0.41	<0.14	<0.16	<0.15	<0.13	<0.14	<0.14	<0.15	<0.15	<0.14	<0.14	<0.14
	Isophorone	EPA 8270	0.03	BCL	mg/kg	<0.068	<0.069	<0.071	<0.20	<0.070	<0.082	<0.077	<0.067	<0.071	<0.072	<0.074	<0.074	<0.071	<0.072	<0.072
	1-Methylnaphthalene	EPA 8270	0.00584	RSL	mg/kg	<0.15	<0.16	<0.16	<0.46	<0.16	<0.18	<0.17	<0.15	<0.16	<0.16	<0.16	<0.17	<0.16	<0.16	<0.16
	2-Methylnaphthalene	EPA 8270	0.185	RSL	mg/kg	<0.071	<0.072	<0.075	<0.21	<0.073	<0.085	<0.081	<0.070	<0.075	<0.075	<0.077	<0.077	<0.074	<0.076	<0.076
	2-Methylphenol	EPA 8270	0.8	BCL	mg/kg	<0.081	<0.083	<0.085	<0.24	<0.084	<0.098	<0.092	<0.080	<0.085	<0.086	<0.088	<0.088	<0.085	<0.086	<0.086
	3&4-Methylphenol	EPA 8270			mg/kg	<0.13	<0.14	<0.14	<0.41	<0.14	<0.16	<0.15	<0.13	<0.14	<0.14	<0.15	<0.15	<0.14	<0.14	<0.14
	Naphthalene	EPA 8270	4	BCL	mg/kg	<0.068	<0.069	<0.071	<0.20	<0.070	<0.082	<0.077	<0.067	<0.071	<0.072	<0.074	<0.074	<0.071	<0.072	<0.072
	Naphthalene	EPA 8270-SIM	4	BCL	mg/kg	<0.0041	<0.0042	<0.0044	<0.013	<0.0043	<0.0049	<0.0046	<0.0041	<0.0043	<0.0044	<0.0044	<0.0044	<0.0042	<0.0044	<0.0044
	2-Nitroaniline	EPA 8270	0.0801	RSL	mg/kg	<0.068	<0.069	<0.071	<0.20	<0.070	<0.082	<0.077	<0.067	<0.071	<0.072	<0.074	<0.074	<0.071	<0.072	<0.072
	3-Nitroaniline	EPA 8270			mg/kg	<0.13	<0.14	<0.14	<0.41	<0.14	<0.16	<0.15	<0.13	<0.14	<0.14	<0.15	<0.15	<0.14	<0.14	<0.14
	4-Nitroaniline	EPA 8270	0.00158	RSL	mg/kg	<0.13	<0.14	<0.14	<0.41	<0.14	<0.16	<0.15	<0.13	<0.14	<0.14	<0.15	<0.15	<0.14	<0.14	<0.14
	Nitrobenzene	EPA 8270	0.007	BCL	mg/kg	<0.071	<0.072	<0.075	<0.21	<0.073	<0.085	<0.081	<0.070	<0.075	<0.075	<0.077	<0.077	<0.074	<0.076	<0.076
	2-Nitrophenol	EPA 8270			mg/kg	<0.13	<0.14	<0.14	<0.41	<0.14	<0.16	<0.15	<0.13	<0.14	<0.14	<0.15	<0.15	<0.14	<0.14	<0.14
	4-Nitrophenol	EPA 8270			mg/kg	<0.14	<0.14	<0.15	<0.43	<0.15	<0.17	0.16 UJ	<0.14	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15
	n-Nitrosodiphenylamine	EPA 8270	0.06	BCL	mg/kg	<0.081	<0.083	<0.085	<0.24	<0.084	<0.098	<0.092	<0.080	<0.085	<0.086	<0.088	<0.088	<0.085	<0.086	<0.086
	Octachlorostyrene	EPA 8270			mg/kg	<2.3	<2.4	<2.5	<7.0	<2.4	<2.8	<2.7	<2.3	<2.5	<2.5	<2.5	<2.5	<2.4	<2.5	<2.5
	Pentachlorophenol	EPA 8270	0.001	BCL	mg/kg	<0.34	<0.35	<0.36	<1.0	<0.36	<0.41	<0.39	<0.34	<0.36	<0.37	<0.37	<0.38	<0.36	<0.37	<0.37
	Phenol	EPA 8270	5	BCL	mg/kg	<0.091	<0.093	<0.096	<0.27	<0.094	<0.11	<0.10	<0.090	<0.096	<0.097	<0.099	<0.099	<0.095	<0.097	<0.097
	Pyrene	EPA 8270	210	BCL	mg/kg	<0.081	<0.083	<0.085	<0.24	<0.084	<0.098	<0.092	<0.080	<0.085	<0.086	<0.088	<0.088	<0.085	<0.086	<0.086
Pyrene	EPA 8270-SIM	210	BCL	mg/kg	<0.0041	<0.0042	0.0044 UJ	0.013 UJ	0.0043 UJ	0.0049 UJ	0.0046 UJ	0.0041 UJ	0.0043 UJ	0.0044 UJ	0.0044 UJ	0.0044 UJ	0.0042 UJ	0.0044 UJ	0.0044 UJ	
Pyridine	EPA 8270			mg/kg	<0.15	<0.16	<0.16	<0.46	<0.16	<0.18	<0.17	<0.15	<0.16	<0.16	<0.16	<0.17	<0.16	<0.16	<0.16	
2,4,5-Trichlorophenol	EPA 8270	14	BCL	mg/kg	<0.13	<0.13	<0.14	<0.40	<0.14	<0.16	<0.15	<0.13	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	
2,4,6-Trichlorophenol	EPA 8270	0.008	BCL	mg/kg	<0.076	<0.078	<0.080	<0.23	<0.079	<0.091	<0.087	<0.075	<0.080	<0.081	<0.082	<0.083	<0.079	<0.081	<0.081	
bis(2-Chloroethoxy)methane	EPA 8270	0.0135	RSL	mg/kg	<0.13	<0.14	<0.14	<0.41	<0.14	<0.16	<0.15	<0.13	<0.14	<0.14	<0.15	<0.15	<0.14	<0.14	<0.14	
bis(2-Chloroethyl) ether	EPA 8270	0.00002	BCL	mg/kg	<0.071	<0.072	<0.075	<0.21	<0.073	<0.085	<0.081	<0.070	<0.075	<0.075	<0.077	<0.077	<0.074	<0.076	<0.076	
bis(2-Ethylhexyl)phthalate	EPA 8270	180	BCL	mg/kg	<0.091	<0.093	<0.096	<0.27	<0.094	<0.11	<0.10	<0.090	<0.096	<0.097	<0.099	<0.099	<0.095	<0.097	<0.097	
4-Chloro-3-methylphenol	EPA 8270	1.71	RSL	mg/kg	<0.071	<0.072	<0.075	<0.21	<0.073	<0.085	<0.081	<0.070	<0.075	<0.075	<0.077	<0.077	<0.074	<0.076	<0.076	

**TABLE A-2a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 3**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-09						RISB-10							
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs
						RISB-09-0.5-20141211	RISB-09-5.0-20141211	RISB-09-10.0-20141211	RISB-09-15.0-20141211	RISB-09-20.0-20141211	RISB-09-25.0-20141211	RISB-09-30.0-20141212	RISB-10-0.5-20141215	RISB-10-5.0-20141215	RISB-10-10.0-20141215	RISB-10-15.0-20141215	RISB-10-15.0-20141215-FD	RISB-10-20.0-20141215	RISB-10-25.0-20141215
SVOCs	n-Nitroso-di-n-propylamine	EPA 8270	0.000002	BCL	mg/kg	<0.071	<0.072	<0.075	<0.21	<0.073	<0.085	<0.081	<0.070	<0.075	<0.075	<0.077	<0.077	<0.074	<0.076
Organo-phosphorus Pesticides	Atrazine	EPA 8141A			mg/kg	<0.012	<0.013	<0.013	<0.012	<0.012	<0.014	<0.014	<0.012	<0.012	<0.013	<0.013	<0.013	<0.012	<0.013
	Chlorpyrifos	EPA 8141A	0.124	RSL	mg/kg	<0.0064	<0.0067	<0.0069	<0.0066	<0.0065	<0.0073	<0.0074	<0.0063	<0.0066	<0.0069	<0.0071	<0.0070	<0.0066	<0.0071
	Coumaphos	EPA 8141A			mg/kg	<0.0028	<0.0029	<0.0030	<0.0029	<0.0028	<0.0032	<0.0032	<0.0027	<0.0028	<0.0030	<0.0031	<0.0030	<0.0028	<0.0031
	Dasanit	EPA 8141A			mg/kg	<0.0081	<0.0085	<0.0087	<0.0083	<0.0082	<0.0092	<0.0093	<0.0079	<0.0083	<0.0087	<0.0089	<0.0088	<0.0083	<0.0089
	Demeton (O + S)	EPA 8141A			mg/kg	<0.0075	<0.0079	<0.0080	<0.0077	<0.0076	<0.0085	<0.0086	<0.0073	<0.0076	<0.0080	<0.0082	<0.0081	<0.0076	<0.0082
	Demeton-O	EPA 8141A			mg/kg	<0.0052	<0.0055	<0.0056	<0.0054	<0.0054	<0.0060	<0.0061	<0.0051	<0.0054	<0.0056	<0.0058	<0.0057	<0.0054	<0.0058
	Demeton-S	EPA 8141A			mg/kg	<0.0048	<0.0051	<0.0052	<0.0050	<0.0049	<0.0055	<0.0056	<0.0047	<0.0049	<0.0052	<0.0053	<0.0052	<0.0049	<0.0053
	Diazinon	EPA 8141A	0.0648	RSL	mg/kg	<0.0072	<0.0076	<0.0078	<0.0074	<0.0074	<0.0082	<0.0083	<0.0071	<0.0074	<0.0077	<0.0080	<0.0078	<0.0074	<0.0079
	Dibrom	EPA 8141A			mg/kg	0.022 UJ	<0.024	<0.024	<0.023	<0.023	<0.026	<0.026	<0.022	<0.023	<0.024	<0.025	<0.024	<0.023	<0.025
	Dichlorovos	EPA 8141A	0.0000811	RSL	mg/kg	<0.0073	<0.0077	<0.0079	<0.0076	<0.0075	<0.0084	<0.0085	<0.0072	<0.0075	<0.0079	<0.0081	<0.0080	<0.0075	<0.0081
	Dimethoate	EPA 8141A	0.000899	RSL	mg/kg	<0.0070	<0.0074	<0.0076	<0.0072	<0.0072	<0.0080	<0.0081	<0.0069	<0.0072	<0.0075	<0.0077	<0.0076	<0.0072	<0.0077
	Disulfoton	EPA 8141A	0.000939	RSL	mg/kg	<0.0077	<0.0081	<0.0082	<0.0079	<0.0078	<0.0087	<0.0088	<0.0075	<0.0079	<0.0082	<0.0085	<0.0083	<0.0078	<0.0084
	Ethoprop nitrophenyl benzenethiophosphate	EPA 8141A	0.00277	RSL	mg/kg	<0.0037	<0.0038	<0.0039	<0.0038	<0.0037	<0.0042	<0.0042	<0.0036	<0.0037	<0.0039	<0.0040	<0.0040	<0.0037	<0.0040
	Famphur	EPA 8141A			mg/kg	<0.0032	<0.0034	<0.0034	<0.0033	<0.0033	<0.0036	<0.0037	<0.0031	<0.0033	<0.0034	<0.0035	<0.0035	<0.0033	<0.0035
	Fenthion	EPA 8141A			mg/kg	<0.0087	<0.0091	<0.0093	<0.0089	<0.0088	<0.0099	<0.010	<0.0085	<0.0089	<0.0093	<0.0096	<0.0094	<0.0089	<0.0095
	Guthion	EPA 8141A			mg/kg	<0.0035	<0.0037	<0.0037	<0.0036	<0.0035	<0.0040	<0.0040	<0.0034	<0.0036	<0.0037	<0.0038	<0.0038	<0.0036	<0.0038
	Malathion	EPA 8141A	0.102	RSL	mg/kg	<0.0046	<0.0048	<0.0050	<0.0048	<0.0047	<0.0052	<0.0053	<0.0045	<0.0047	<0.0049	<0.0051	<0.0050	<0.0047	<0.0051
	Merphos	EPA 8141A	0.059	RSL	mg/kg	<0.0051	<0.0054	<0.0055	<0.0053	<0.0052	<0.0058	<0.0059	<0.0050	<0.0052	<0.0055	<0.0056	<0.0055	<0.0052	<0.0056
	Methyl parathion	EPA 8141A	7.41	RSL	µg/kg	<6.3	<6.7	<6.8	<6.5	<6.4	<7.2	<7.3	<6.2	<6.5	<6.8	<7.0	<6.9	<6.5	<7.0
	Mevinphos	EPA 8141A			mg/kg	<0.0046	<0.0048	<0.0049	<0.0047	<0.0047	<0.0052	<0.0053	<0.0045	<0.0047	<0.0049	<0.0051	<0.0050	<0.0047	<0.0050
	Parathion	EPA 8141A	432	RSL	µg/kg	<5.2	<5.5	<5.6	<5.4	<5.4	<6.0	<6.1	<5.1	<5.4	<5.6	<5.8	<5.7	<5.4	<5.8
	Phorate	EPA 8141A	0.00338	RSL	mg/kg	<0.0057	<0.0060	<0.0061	<0.0058	<0.0058	<0.0064	<0.0065	<0.0055	<0.0058	<0.0061	<0.0062	<0.0062	<0.0058	<0.0062
	Prothiophos	EPA 8141A			mg/kg	<0.0039	<0.0041	<0.0042	<0.0040	<0.0040	<0.0044	<0.0045	<0.0038	<0.0040	<0.0042	<0.0043	<0.0042	<0.0040	<0.0043
Ronnel	EPA 8141A	3.7	RSL	mg/kg	<0.015	<0.016	<0.016	<0.016	<0.015	<0.017	<0.017	<0.015	<0.015	<0.016	<0.017	<0.016	<0.015	<0.017	
Simazine	EPA 8141A			mg/kg	<0.022	0.023 UJ	<0.024	<0.023	<0.022	<0.025	<0.025	<0.021	<0.022	<0.024	<0.024	<0.024	<0.022	<0.024	
Stirophos	EPA 8141A			mg/kg	<0.0043	<0.0046	<0.0047	<0.0045	<0.0044	<0.0049	<0.0050	<0.0042	<0.0044	<0.0046	<0.0048	<0.0047	<0.0044	<0.0048	
Sulfotepp	EPA 8141A			mg/kg	<0.0062	<0.0065	<0.0067	<0.0064	<0.0063	<0.0071	<0.0072	<0.0061	<0.0064	<0.0067	<0.0069	<0.0068	<0.0064	<0.0068	
Sulprofos	EPA 8141A			mg/kg	<0.0042	<0.0044	<0.0045	<0.0043	<0.0043	<0.0048	<0.0049	<0.0041	<0.0043	<0.0045	<0.0046	<0.0046	<0.0043	<0.0046	
Thionazin	EPA 8141A			mg/kg	<0.0055	<0.0058	<0.0059	<0.0057	<0.0056	<0.0063	<0.0064	<0.0054	<0.0057	<0.0059	<0.0061	<0.0060	<0.0057	<0.0061	
	o-Ethyl o-2,4,5-trichlorophenyl ethyl-phosphonothioate	EPA 8141A			mg/kg	<0.0062	<0.0065	<0.0067	<0.0064	<0.0063	<0.0071	<0.0071	<0.0061	<0.0064	<0.0066	<0.0068	<0.0067	<0.0063	<0.0068
Organo-chlorine Pesticides	Aldrin	EPA 8081	0.02	BCL	mg/kg	<0.0015	<0.0016	<0.0016	<0.0048	<0.0016	<0.0018	<0.0017	0.0015 UJ	<0.0016	0.0016 UJ	<0.0017	<0.0016	<0.0016	<0.0016
	alpha-BHC	EPA 8081	0.0266	BCL	mg/kg	<0.0015	<0.0016	<0.0016	<0.0048	<0.0016	<0.0018	<0.0017	0.0015 UJ	<0.0016	0.0016 UJ	<0.0017	<0.0016	<0.0016	<0.0016
	beta-BHC	EPA 8081	0.00545	BCL	mg/kg	<b>0.027</b>	<b>0.063</b>	<0.0016	<0.0048	<0.0016	<b>0.0026 J</b>	<b>0.0037 J</b>	<b>0.028 J</b>	<b>0.0017 J</b>	0.0016 UJ	<0.0017	<0.0016	<0.0016	<0.0016
	delta-BHC	EPA 8081	28.1	BCL	mg/kg	<0.0015	<0.0016	<0.0016	<0.0048	<0.0016	<0.0018	<0.0017	0.0015 UJ	<0.0016	0.0016 UJ	<0.0017	<0.0016	<0.0016	<0.0016
	gamma-BHC	EPA 8081	0.0005	BCL	mg/kg	<0.0015	<0.0016	<0.0016	<0.0048	<0.0016	<0.0018	<0.0017	0.0015 UJ	<0.0016	0.0016 UJ	<0.0017	<0.0016	<0.0016	<0.0016
	alpha-Chlordane	EPA 8081			mg/kg	<0.0021	<0.0021	<0.0022	<0.0064	<0.0021	<0.0025	<0.0023	0.0020 UJ	<0.0021	0.0022 UJ	<0.0022	<0.0022	<0.0021	<0.0022
	gamma-Chlordane	EPA 8081			mg/kg	<0.0015	<0.0016	<0.0016	<0.0048	<0.0016	<0.0018	<0.0017	0.0015 UJ	<0.0016	0.0016 UJ	<0.0017	<0.0016	<0.0016	<0.0016
	4,4'-DDD	EPA 8081	0.8	BCL	mg/kg	<0.0015	<0.0016	<0.0016	<0.0048	<0.0016	<0.0018	<0.0017	0.0015 UJ	<0.0016	0.0016 UJ	<0.0017	<0.0016	<0.0016	<0.0016
	2,4'-DDE	EPA 8081			mg/kg	<0.0015	<0.0016	<0.0016	<0.0048	<0.0016	<0.0018	<0.0017	0.0015 UJ	<0.0016	0.0016 UJ	<0.0017	<0.0016	<0.0016	<0.0016
	4,4'-DDE	EPA 8081	3	BCL	mg/kg	<0.0015	<0.0016	<0.0016	<0.0048	<0.0016	<0.0018	<0.0017	0.0015 UJ	<0.0016	0.0016 UJ	<0.0017	<0.0016	<0.0016	<0.0016
	4,4'-DDT	EPA 8081	2	BCL	mg/kg	<0.0015	<0.0016	<0.0016	<0.0048	<0.0016	<0.0018	<0.0017	0.0015 UJ	<0.0016	0.0016 UJ	<0.0017	<0.0016	<0.0016	<0.0016
	Dieldrin	EPA 8081	0.0002	BCL	mg/kg	<0.0015	<0.0016	<0.0016	<0.0048	<0.0016	<0.0018	<0.0017	0.0015 UJ	<0.0016	0.0016 UJ	<0.0017	<0.0016	<0.0016	<0.0016
	Endosulfan I	EPA 8081			mg/kg	<0.0015	<0.0016	<0.0016	<0.0048	<0.0016	<0.0018	<0.0017	0.0015 UJ	<0.0016	0.0016 UJ	<0.0017	<0.0016	<0.0016	<0.0016
	Endosulfan II	EPA 8081			mg/kg	<0.0015	<0.0016	<0.0016	<0.0048	<0.0016	<0.0018	<0.0017	0.0015 UJ	<0.0016	0.0016 UJ	<0.0017	<0.0016	<0.0016	<0.0016
	Endosulfan sulfate	EPA 8081			mg/kg	<0.0021	<0.0021	<0.0022	<0.0064	<0.0021	<0.0025	<0.0023	0.0020 UJ	<0.0021	0.0022 UJ	<0.0022	<0.0022	<0.0021	<0.0022

**TABLE A-2a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 3**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-09						RISB-10							
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs
						RISB-09-0.5-20141211	RISB-09-5.0-20141211	RISB-09-10.0-20141211	RISB-09-15.0-20141211	RISB-09-20.0-20141211	RISB-09-25.0-20141211	RISB-09-30.0-20141212	RISB-10-0.5-20141215	RISB-10-5.0-20141215	RISB-10-10.0-20141215	RISB-10-15.0-20141215	RISB-10-15.0-20141215-FD	RISB-10-20.0-20141215	RISB-10-25.0-20141215
Organo-chlorine Pesticides	Endrin	EPA 8081	0.05	BCL	mg/kg	<0.0015	<0.0016	<0.0016	<0.0048	<0.0016	<0.0018	<0.0017	0.0015 UJ	<0.0016	0.0016 UJ	<0.0017	<0.0016	<0.0016	<0.0016
	Endrin aldehyde	EPA 8081			mg/kg	<0.0015	<0.0016	<0.0016	<0.0048	<0.0016	<0.0018	<0.0017	0.0015 UJ	<0.0016	0.0016 UJ	<0.0017	<0.0016	<0.0016	<0.0016
	Endrin ketone	EPA 8081			mg/kg	<0.0021	<0.0021	<0.0022	<0.0064	<0.0021	<0.0025	<0.0023	0.0020 UJ	<0.0021	0.0022 UJ	<0.0022	<0.0022	<0.0021	<0.0022
	Heptachlor	EPA 8081	1	BCL	mg/kg	<0.0021	<0.0021	<0.0022	<0.0064	<0.0021	<0.0025	<0.0023	0.0020 UJ	<0.0021	0.0022 UJ	<0.0022	<0.0022	<0.0021	<0.0022
	Heptachlor epoxide	EPA 8081	0.03	BCL	mg/kg	<0.0021	<0.0021	<0.0022	<0.0064	<0.0021	<0.0025	<0.0023	0.0020 UJ	<0.0021	0.0022 UJ	<0.0022	<0.0022	<0.0021	<0.0022
	Methoxychlor	EPA 8081	8	BCL	mg/kg	<0.0015	<0.0016	<0.0016	<0.0048	<0.0016	<0.0018	<0.0017	0.0015 UJ	<0.0016	0.0016 UJ	<0.0017	<0.0016	<0.0016	<0.0016
	Toxaphene	EPA 8081	2	BCL	mg/kg	<0.051	<0.052	<0.055	<0.16	<0.053	<0.061	<0.058	0.051 UJ	<0.054	0.055 UJ	<0.055	<0.055	<0.052	<0.055
PAHs	Acenaphthylene	EPA 8270	0.0106	CAL	mg/kg	<0.071	<0.072	<0.075	<0.21	<0.073	<0.085	<0.081	<0.070	<0.075	<0.075	<0.077	<0.077	<0.074	<0.076
	Acenaphthylene	EPA 8270-SIM	0.0106	CAL	mg/kg	<0.0041	<0.0042	<0.0044	<0.013	<0.0043	<0.0049	<0.0046	<0.0041	<0.0043	<0.0044	<0.0044	<0.0044	<0.0042	<0.0044
	Benzo(a)anthracene	EPA 8270	0.08	BCL	mg/kg	<0.071	<0.072	<0.075	<0.21	<0.073	<0.085	<0.081	<0.070	<0.075	<0.075	<0.077	<0.077	<0.074	<0.076
	Benzo(a)anthracene	EPA 8270-SIM	0.08	BCL	mg/kg	<0.0041	<0.0042	<0.0044	<0.013	<0.0043	<0.0049	<0.0046	<0.0041	<0.0043	<0.0044	<0.0044	<0.0044	<0.0042	<0.0044
	Benzo(a)pyrene	EPA 8270	0.4	BCL	mg/kg	<0.068	<0.069	<0.071	<0.20	<0.070	<0.082	<0.077	<0.067	<0.071	<0.072	<0.074	<0.074	<0.071	<0.072
	Benzo(a)pyrene	EPA 8270-SIM	0.4	BCL	mg/kg	<0.0041	<0.0042	<0.0044	<0.013	<0.0043	<0.0049	<0.0046	<0.0041	<0.0043	<0.0044	<0.0044	<0.0044	<0.0042	<0.0044
	Benzo(b)fluoranthene	EPA 8270	0.2	BCL	mg/kg	<0.071	<0.072	<0.075	<0.21	<0.073	<0.085	<0.081	<0.070	<0.075	<0.075	<0.077	<0.077	<0.074	<0.076
	Benzo(b)fluoranthene	EPA 8270-SIM	0.2	BCL	mg/kg	<0.0041	<0.0042	<0.0044	<0.013	<0.0043	<0.0049	<0.0046	<0.0041	<0.0043	<0.0044	<0.0044	<0.0044	<0.0042	<0.0044
	Benzo(g,h,i)perylene	EPA 8270			mg/kg	<0.11	<0.11	<0.12	<0.34	<0.12	<0.13	<0.13	<0.11	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12
	Benzo(g,h,i)perylene	EPA 8270-SIM			mg/kg	<0.0041	<0.0042	<0.0044	<0.013	<0.0043	<0.0049	<0.0046	<b>0.0085 J</b>	<0.0043	<0.0044	<0.0044	<0.0044	<0.0042	<0.0044
	Indeno(1,2,3-cd)pyrene	EPA 8270	0.7	BCL	mg/kg	<0.13	<0.13	<0.14	<0.40	<0.14	<0.16	<0.15	<0.13	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14
	Indeno(1,2,3-cd)pyrene	EPA 8270-SIM	0.7	BCL	mg/kg	<0.0041	<0.0042	0.0044 UJ	0.013 UJ	0.0043 UJ	0.0049 UJ	0.0046 UJ	0.0041 UJ	0.0043 UJ	0.0044 UJ	0.0044 UJ	0.0044 UJ	0.0042 UJ	0.0044 UJ
Phenanthrene	EPA 8270	0.0243	CAL	mg/kg	<0.068	<0.069	<0.071	<0.20	<0.070	<0.082	<0.077	<0.067	<0.071	<0.072	<0.074	<0.074	<0.071	<0.072	
Phenanthrene	EPA 8270-SIM	0.0243	CAL	mg/kg	<0.0041	<0.0042	<0.0044	<0.013	<0.0043	<0.0049	<0.0046	<0.0041	<0.0043	<0.0044	<0.0044	<0.0044	<0.0042	<0.0044	
PCBs	Aroclor-1260	EPA 8082	0.00549	RSL	mg/kg	<0.017	<0.018	<0.018	<0.055	<0.018	<0.021	<0.020	<0.017	<0.018	<0.019	0.019 UJ	<0.019	<0.018	<0.019
	PCB-001	EPA 1668A			pg/g	<b>10 J</b>	<b>4.8 J</b>	<b>2.4 J</b>	<1.3	<b>1.3 J</b>	<b>360</b>	<b>33</b>	<1.5	<0.37	<0.34	<b>2.0 J</b>	<b>2.4 J</b>	<b>34</b>	<b>59</b>
	PCB-002	EPA 1668A			pg/g	<b>6.3 J</b>	<b>1.4 J</b>	<0.22	<0.65	<0.35	<b>26</b>	<b>12 J</b>	<b>3.4 J</b>	<0.37	<0.35	<0.31	<0.32	<b>1.2 J</b>	<b>7.7 J</b>
	PCB-003	EPA 1668A			pg/g	<b>11 J</b>	<b>1.7 J</b>	<b>0.51 J</b>	<0.44	<b>0.80 J</b>	<b>9.7 J</b>	<b>11 J</b>	<b>9.9 J</b>	<b>0.67 J</b>	<0.37	<0.31	<0.34	<b>2.3 J</b>	<b>4.8 J</b>
	PCB-004	EPA 1668A			pg/g	<b>14 J</b>	<4.1	<b>5.4 J</b>	<4.9	<3.3	<b>4,700 J</b>	<b>370</b>	<24	<13	<15	<9.1	<6.7	<b>120</b>	<b>210</b>
	PCB-005	EPA 1668A			pg/g	<2.8	<2.4	<2.1	<2.8	<1.9	<b>9.5 J</b>	<b>10 J</b>	<23	<8.5	<3.8	<4.2	<4.0	<3.4	<5.6
	PCB-006	EPA 1668A			pg/g	<b>9.1 J</b>	<2.4	<2.1	<2.8	<1.9	<b>95</b>	<b>31</b>	<23	<8.5	<3.8	<4.2	<4.0	<b>18 J</b>	<b>43</b>
	PCB-007	EPA 1668A			pg/g	<2.7	<2.3	<2.0	<2.7	<1.8	<3.7	<5.3	<22	<8.2	<3.7	<4.1	<3.9	<3.3	<5.4
	PCB-008	EPA 1668A			pg/g	<b>17 J</b>	<2.3	<2.0	<2.7	<1.8	<b>450</b>	<b>280</b>	<22	<8.1	<3.6	<4.0	<3.8	<b>33</b>	<b>350</b>
	PCB-009	EPA 1668A			pg/g	<3.0	<2.6	<2.2	<3.1	<2.1	<b>12 J</b>	<b>9.1 J</b>	<25	<9.2	<4.1	<4.6	<4.3	<3.7	<b>15 J</b>
	PCB-010	EPA 1668A			pg/g	<1.7	<2.8	<2.2	<3.4	<2.4	<b>32</b>	<b>4.7 J</b>	<18	<8.9	<11	<6.3	<4.9	<7.3	<9.9
	PCB-011	EPA 1668A			pg/g	<b>14 J</b>	<2.7	<b>55 J</b>	<b>56 J</b>	<b>59 J</b>	<b>87 J</b>	<b>65 J</b>	<25	<b>58 J</b>	<b>54 J</b>	<b>64 J</b>	<b>65 J</b>	<b>79 J</b>	<b>70 J</b>
	PCB-014	EPA 1668A			pg/g	<2.6	<2.2	<1.9	<2.6	<1.8	<3.6	<5.1	<21	<7.9	<3.5	<3.9	<3.7	<3.2	<5.2
	PCB-015	EPA 1668A			pg/g	<b>43</b>	<3.1	<2.8	<3.7	<2.6	<5.0	<6.3	<31	<11	<5.2	<5.4	<5.5	<4.7	<7.6
	PCB-016	EPA 1668A			pg/g	<b>3.5 J</b>	<b>0.95 J</b>	<0.33	<0.40	<0.44	<b>44</b>	<b>41</b>	<3.7	<1.2	<1.0	<0.67	<0.74	<b>1.9 J</b>	<b>31</b>
	PCB-017	EPA 1668A			pg/g	<b>2.4 J</b>	<b>0.48 J</b>	<0.27	<b>0.39 J</b>	<0.35	<b>12 J</b>	<b>21 J</b>	<3.0	<0.95	<0.80	<0.54	<0.59	<0.67	<b>7.1 J</b>
	PCB-019	EPA 1668A			pg/g	<b>0.69 J</b>	<0.38	<0.28	<0.32	<0.37	<b>23 J</b>	<b>6.4 J</b>	<3.2	<1.1	<0.83	<0.59	<0.65	<0.54	<b>3.3 J</b>
	PCB-022	EPA 1668A			pg/g	<b>5.7 J</b>	<b>1.3 J</b>	<0.36	<0.31	<0.39	<b>2.8 J</b>	<b>67</b>	<4.8	<1.0	<0.60	<0.54	<0.59	<0.54	<0.53
	PCB-023	EPA 1668A			pg/g	<1.4	<0.47	<0.29	<0.24	<0.31	<0.56	<1.3	<3.9	<0.83	<0.48	<0.43	<0.47	<0.44	<0.42
	PCB-024	EPA 1668A			pg/g	<b>0.70 J</b>	<0.29	<0.21	<0.26	<0.28	<0.62	<b>3.5 J</b>	<2.4	<0.77	<0.65	<0.43	<0.47	<0.54	<0.88
	PCB-025	EPA 1668A			pg/g	<b>1.8 J</b>	<0.49	<0.30	<0.25	<0.32	<0.57	<1.4	<4.0	<0.85	<0.49	<0.45	<0.48	<0.45	<0.44
	PCB-027	EPA 1668A			pg/g	<b>0.63 J</b>	<0.28	<0.21	<0.25	<0.28	<b>1.4 J</b>	<b>1.2 J</b>	<2.3	<0.74	<0.63	<0.42	<0.46	<0.52	<0.85
	PCB-031	EPA 1668A			pg/g	<b>14 J</b>	<b>2.9 J</b>	<0.30	<b>0.59 J</b>	<b>0.61 J</b>	<b>18 J</b>	<b>200</b>	<b>11 J</b>	<0.86	<0.49	<0.45	<0.49	<b>0.81 J</b>	<b>1.1 J</b>
	PCB-032	EPA 1668A			pg/g	<b>1.2 J</b>	<0.22	<0.17	<0.20	<0.22	<b>6.2 J</b>	<b>35</b>	<1.9	<0.60	<0.50	<0.34	<0.37	<0.42	<b>2.7 J</b>
	PCB-034	EPA 1668A			pg/g	<1.5	<0.52	<0.32	<0.27	<0.34	<0.62	<1.5	<4.3	<0.92	<0.53	<0.48	<0.52	<0.48	<0.47
	PCB-035	EPA 1668A			pg/g	<b>9.6 J</b>	<0.60	<0.37	<0.31	<b>1.3 J</b>	<b>1.7 J</b>	<1.7	<b>20 J</b>	<1.1	<0.61	<0.55	<0.60	<0.56	<0.54
	PCB-036	EPA 1668A			pg/g	<b>3.8 J</b>	<0.55	<b>0.73 J</b>	<b>0.63 J</b>	<b>0.69 J</b>	<b>0.87 J</b>	<1.5	<4.6	<b>1.3 J</b>	<0.56	<b>0.63 J</b>	0.55 UJ	<b>1.6 J</b>	<b>0.68 J</b>
PCB-037	EPA 1668A			pg/g	<b>20</b>	<b>4.6 J</b>	<0.48	<0.44	<0.53	<0.85	<2.4	<b>31 J</b>	<b>3.0 J</b>	<0.82	<0.69	<0.75	<0.70	<0.68	

**TABLE A-2a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 3**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-09							RISB-10						
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs
						RISB-09-0.5-20141211	RISB-09-5.0-20141211	RISB-09-10.0-20141211	RISB-09-15.0-20141211	RISB-09-20.0-20141211	RISB-09-25.0-20141211	RISB-09-30.0-20141212	RISB-10-0.5-20141215	RISB-10-5.0-20141215	RISB-10-10.0-20141215	RISB-10-15.0-20141215	RISB-10-15.0-20141215-FD	RISB-10-20.0-20141215	RISB-10-25.0-20141215
PCBs	PCB-038	EPA 1668A			pg/g	<1.7	<0.60	<0.37	<0.31	<0.40	<0.71	<1.7	<4.9	<1.1	<0.61	<0.55	<0.60	<0.55	<0.54
	PCB-039	EPA 1668A			pg/g	<1.6	<0.54	<0.33	<0.28	<0.35	<0.63	<1.5	<4.4	<0.94	<0.54	<0.49	<0.54	<0.50	<0.48
	PCB-041	EPA 1668A			pg/g	<b>2.4 J</b>	<0.29	<0.20	<0.23	<0.21	<0.23	<b>1.7 J</b>	<2.0	<0.52	<0.46	<0.46	<0.45	<0.35	<0.40
	PCB-042	EPA 1668A			pg/g	<b>4.3 J</b>	<b>0.36 J</b>	<0.16	<0.18	<0.17	<b>0.32 J</b>	<b>2.3 J</b>	<b>3.6 J</b>	<0.41	<0.36	<0.37	<0.36	<0.28	<0.32
	PCB-043	EPA 1668A			pg/g	<b>2.4 J</b>	<0.28	<0.19	<0.22	<0.21	<0.23	<b>0.97 J</b>	<b>2.4 J</b>	<0.50	<0.44	<0.45	<0.43	<0.34	<0.39
	PCB-045	EPA 1668A			pg/g	<b>2.0 J</b>	<0.28	<0.19	<0.22	<0.21	<b>0.49 J</b>	<b>2.7 J</b>	<1.9	<0.50	<0.44	<0.45	<0.43	<0.34	<0.38
	PCB-046	EPA 1668A			pg/g	<b>0.94 J</b>	<0.28	<0.19	<0.22	<0.20	<0.22	<b>0.55 J</b>	<1.9	<0.49	<0.44	<0.44	<0.43	<0.34	<0.38
	PCB-048	EPA 1668A			pg/g	<b>4.2 J</b>	<b>0.56 J</b>	<0.16	<0.19	<0.17	<b>0.37 J</b>	<b>3.7 J</b>	<b>3.2 J</b>	<0.42	<0.37	<0.38	<0.37	<0.29	<0.32
	PCB-051	EPA 1668A			pg/g	<b>1.4 J</b>	<0.22	<0.15	<0.17	<0.16	<0.17	<b>0.42 J</b>	<1.5	<0.39	<0.34	<0.34	<0.33	<0.26	<0.30
	PCB-052	EPA 1668A			pg/g	<b>38</b>	<b>5.3 J</b>	<b>0.42 J</b>	<b>0.49 J</b>	<b>0.78 J</b>	<b>6.8 J</b>	<b>30</b>	<b>20 J</b>	<b>1.3 J</b>	<0.41	<0.41	<0.54	<b>0.83 J</b>	<b>1.1 J</b>
	PCB-054	EPA 1668A			pg/g	<b>0.27 J</b>	<0.16	<0.12	<0.22	<0.22	<0.15	<0.41	<1.5	<0.33	<0.30	<0.25	<0.27	<0.23	<0.33
	PCB-055	EPA 1668A			pg/g	<1.6	<0.44	<0.21	<0.31	<0.25	<0.34	<0.55	<b>8.1 J</b>	<0.75	<0.43	<0.38	<0.41	<0.40	<0.34
	PCB-056	EPA 1668A			pg/g	<b>18 J</b>	<b>2.4 J</b>	<0.26	<0.37	<0.30	<b>16 J</b>	<b>6.1 J</b>	<4.9	<0.89	<0.51	<0.45	<0.49	<0.47	<b>2.5 J</b>
	PCB-057	EPA 1668A			pg/g	<1.8	<0.49	<0.24	<0.35	<0.28	<0.37	<0.61	<4.5	<0.83	<0.48	<0.42	<0.45	<0.44	<0.37
	PCB-058	EPA 1668A			pg/g	<1.8	<0.49	<0.24	<0.34	<0.28	<0.37	<0.60	<4.5	<0.82	<0.47	<0.42	<0.45	<0.44	<0.37
	PCB-060	EPA 1668A			pg/g	<b>8.5 J</b>	<b>1.4 J</b>	<0.23	<0.34	<0.27	<0.36	<0.59	<4.4	<0.81	<0.46	<0.41	<0.44	<0.43	<0.36
	PCB-063	EPA 1668A			pg/g	<b>3.8 J</b>	<0.46	<0.22	<0.32	<0.26	<0.35	<0.57	<4.3	<0.77	<0.45	<0.39	<0.42	<0.41	<0.35
	PCB-064	EPA 1668A			pg/g	<b>7.0 J</b>	<b>0.92 J</b>	<0.11	<0.13	<0.12	<0.13	<b>2.1 J</b>	<b>2.5 J</b>	<0.28	<0.25	<0.25	<0.25	<0.19	<0.22
	PCB-066	EPA 1668A			pg/g	<b>37</b>	<b>5.3 J</b>	<0.26	<0.39	<b>0.50 J</b>	<b>1.1 J</b>	<b>1.7 J</b>	<b>27 J</b>	<b>2.7 J</b>	<0.53	<0.47	<0.50	<0.49	<0.42
	PCB-067	EPA 1668A			pg/g	<1.6	<0.45	<0.22	<0.32	<0.26	<0.34	<0.56	<4.2	<0.76	<0.44	<0.39	<0.41	<0.40	<0.34
	PCB-068	EPA 1668A			pg/g	<b>4.3 J</b>	<0.45	<0.22	<0.32	<0.26	<0.34	<0.55	<b>8.5 J</b>	<b>0.84 J</b>	<0.43	<0.38	<0.41	<0.40	<0.34
	PCB-072	EPA 1668A			pg/g	<b>4.0 J</b>	<0.47	<0.23	<0.33	<0.27	<0.36	<0.58	<b>8.8 J</b>	<b>1.1 J</b>	<0.46	<0.40	<0.43	<0.42	<0.36
	PCB-073	EPA 1668A			pg/g	<b>1.2 J</b>	<0.18	<0.12	<0.14	<0.13	<0.14	<0.23	<1.2	<0.32	<0.28	<0.28	<0.28	<0.22	<0.24
	PCB-077	EPA 1668A			pg/g	<b>18</b>	<b>3.0</b>	<0.35	<0.44	<0.37	<b>6.1</b>	<b>0.98 J</b>	<b>21</b>	<b>1.8 J</b>	<0.70	<0.62	<0.65	<0.66	<b>0.75 J</b>
	PCB-078	EPA 1668A			pg/g	<b>5.9 J</b>	<0.55	<0.26	<0.39	<0.31	<0.42	<0.68	<5.1	<b>1.3 J</b>	<0.53	<0.47	<0.50	<0.49	<0.42
	PCB-079	EPA 1668A			pg/g	<b>11 J</b>	<0.51	<0.25	<0.36	<0.29	<0.39	<0.63	<4.7	<b>2.3 J</b>	<0.49	<0.43	<0.47	<0.46	<0.39
	PCB-080	EPA 1668A			pg/g	<b>4.3 J</b>	<0.45	<0.22	<0.32	<0.26	<0.35	<0.56	<4.2	<0.76	<0.44	<0.39	<0.42	<0.41	<0.34
	PCB-081	EPA 1668A	61.8	RSL	pg/g	<b>6.9</b>	<b>1.0 J</b>	<0.31	<0.39	<0.32	<0.48	<0.64	<b>13 J</b>	<b>1.4 J</b>	<0.63	<0.55	<0.59	<0.55	<0.49
	PCB-082	EPA 1668A			pg/g	<b>16 J</b>	<b>2.5 J</b>	<0.25	<0.43	<0.40	<0.36	<0.85	<b>19 J</b>	<b>1.6 J</b>	<0.52	<0.36	<0.47	<0.47	<0.41
	PCB-083	EPA 1668A			pg/g	<8.4	<1.7	<0.28	<0.47	<0.44	<0.39	<0.94	<14	<1.4	<0.57	<0.39	<0.52	<0.52	<0.45
	PCB-084	EPA 1668A			pg/g	<b>27</b>	<b>1.9 J</b>	<0.25	<0.43	<0.40	<0.36	<b>1.4 J</b>	<13	<1.3	<0.52	<0.36	<0.48	<0.47	<0.41
	PCB-089	EPA 1668A			pg/g	<7.2	<1.5	<0.24	<0.41	<0.38	<0.34	<0.81	<12	<1.2	<0.49	<0.34	<0.45	<0.44	<0.39
PCB-092	EPA 1668A			pg/g	<b>21</b>	<b>2.2 J</b>	<0.22	<0.38	<0.36	<0.32	<b>1.1 J</b>	<b>21 J</b>	<1.2	<0.46	<0.32	<0.42	<0.42	<0.37	
PCB-094	EPA 1668A			pg/g	<6.9	<1.4	<0.23	<0.39	<0.36	<0.32	<0.77	<11	<1.2	<0.46	<0.32	<0.43	<0.42	<0.37	
PCB-095	EPA 1668A			pg/g	<b>69</b>	<b>6.9 J</b>	<0.22	<0.38	<0.35	<0.31	<b>4.0 J</b>	<b>27 J</b>	<b>1.8 J</b>	<0.45	<0.31	<0.42	<0.41	<0.36	
PCB-096	EPA 1668A			pg/g	<b>1.3 J</b>	<0.18	<0.12	<0.14	<0.13	<0.17	<0.21	<b>1.8 J</b>	<0.28	<0.23	<0.22	<0.22	<0.16	<0.20	
PCB-099	EPA 1668A			pg/g	<b>32</b>	<b>4.5 J</b>	<0.20	<0.34	<0.31	<0.28	<b>1.0 J</b>	<b>28 J</b>	<b>2.3 J</b>	<0.40	<0.28	<0.37	<0.36	<0.32	
PCB-103	EPA 1668A			pg/g	<6.1	<1.2	<0.20	<0.34	<0.32	<0.29	<0.68	<10	<1.1	<0.41	<0.29	<0.38	<0.37	<0.33	
PCB-104	EPA 1668A			pg/g	<b>0.94 J</b>	<0.15	<0.096	<0.12	<0.11	<0.15	<0.18	<0.92	<0.26	<0.20	<0.19	<0.19	<0.14	<0.18	
PCB-105	EPA 1668A			pg/g	<b>46</b>	<b>11</b>	<0.19	<0.32	<b>0.67 J</b>	<b>0.28 J</b>	<b>2.8</b>	<b>48</b>	<b>3.2</b>	<0.38	<0.27	<0.36	<0.37	<0.30	
PCB-106	EPA 1668A			pg/g	<b>23</b>	<b>2.2 J</b>	<0.18	<0.30	<0.28	<0.25	<0.60	<b>51 J</b>	<b>6.8 J</b>	<0.36	<0.25	<0.33	<0.33	<0.29	
PCB-109	EPA 1668A			pg/g	<b>17 J</b>	<b>2.1 J</b>	<0.16	<0.27	<0.25	<0.23	<0.54	<b>33 J</b>	<b>3.2 J</b>	<0.33	<0.23	<0.30	<0.30	<0.26	
PCB-111	EPA 1668A			pg/g	<b>11 J</b>	<0.92	<0.15	<0.26	<0.24	<0.21	<0.51	<b>19 J</b>	<b>1.7 J</b>	<0.31	<0.21	<0.28	<0.28	<0.24	
PCB-112	EPA 1668A			pg/g	<4.7	<0.95	<0.15	<0.26	<0.25	<0.22	<0.52	<7.7	<0.81	<0.32	<0.22	<0.29	<0.29	<0.25	
PCB-114	EPA 1668A			pg/g	<b>13</b>	<b>2.4</b>	<0.19	<0.31	<0.28	<0.25	<0.60	<b>22</b>	<b>2.1</b>	<0.38	<0.26	<0.34	<0.33	<0.29	
PCB-118	EPA 1668A	1,010	RSL	pg/g	<b>94</b>	<b>24</b>	<b>0.31 J</b>	<b>0.54 J</b>	<b>1.2 J</b>	<b>0.40 J</b>	<b>4.3</b>	<b>83</b>	<b>7.1</b>	<0.35	<0.24	<0.32	<0.31	<0.27	
PCB-120	EPA 1668A			pg/g	<b>9.0 J</b>	<0.96	<0.16	<0.27	<0.25	<0.22	<0.53	<b>22 J</b>	<b>1.7 J</b>	<0.32	<0.22	<0.30	<0.29	<0.26	
PCB-121	EPA 1668A			pg/g	<4.6	<0.93	<0.15	<0.26	<0.24	<0.22	<0.51	<7.6	<0.79	<0.31	<0.22	<0.29	<0.28	<0.25	
PCB-122	EPA 1668A			pg/g	<5.5	<1.1	<0.18	<0.31	<0.29	<0.26	<0.62	<9.1	<0.95	<0.38	<0.26	<0.34	<0.34	<0.30	

**TABLE A-2a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 3**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-09							RISB-10						
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs
						RISB-09-0.5-20141211	RISB-09-5.0-20141211	RISB-09-10.0-20141211	RISB-09-15.0-20141211	RISB-09-20.0-20141211	RISB-09-25.0-20141211	RISB-09-30.0-20141212	RISB-10-0.5-20141215	RISB-10-5.0-20141215	RISB-10-10.0-20141215	RISB-10-15.0-20141215	RISB-10-15.0-20141215-FD	RISB-10-20.0-20141215	RISB-10-25.0-20141215
PCBs	PCB-123	EPA 1668A			pg/g	<5.4	2.2	<0.18	<0.30	<0.27	<0.25	<0.60	17 J	<0.90	<0.35	<0.25	<0.33	<0.33	<0.29
	PCB-126	EPA 1668A	0.303	RSL	pg/g	14	2.2	<0.23	<0.38	<0.35	<0.32	<0.75	<12	2.8	<0.50	<0.36	<0.44	<0.46	<0.37
	PCB-127	EPA 1668A			pg/g	10 J	<1.1	<0.18	<0.30	<0.28	<0.25	<0.59	28 J	2.0 J	<0.36	<0.25	<0.33	<0.32	<0.29
	PCB-130	EPA 1668A			pg/g	36	6.0 J	<0.23	<0.43	<0.33	<0.40	1.2 J	64 J	7.1 J	<0.50	<0.34	<0.47	<0.50	<0.34
	PCB-131	EPA 1668A			pg/g	<6.0	<1.2	<0.23	<0.42	<0.32	<0.38	<0.71	12 J	<0.87	<0.48	<0.33	<0.46	<0.48	<0.33
	PCB-132	EPA 1668A			pg/g	68	9.9 J	<0.21	<0.39	0.91 J	<0.36	2.7 J	30 J	1.8 J	<0.45	<0.31	<0.42	<0.45	<0.31
	PCB-133	EPA 1668A			pg/g	10 J	<1.1	<0.21	<0.39	<0.29	<0.35	<0.66	31 J	3.1 J	<0.44	<0.31	<0.42	<0.44	<0.31
	PCB-136	EPA 1668A			pg/g	21	2.5 J	<0.15	<0.27	<0.21	<0.25	0.99 J	13 J	0.76 J	<0.31	<0.22	<0.30	<0.31	<0.22
	PCB-137	EPA 1668A			pg/g	17 J	3.1 J	<0.19	<0.34	<0.26	<0.32	0.80 J	37 J	3.3 J	<0.40	<0.28	<0.38	<0.40	<0.27
	PCB-141	EPA 1668A			pg/g	83	16 J	<0.21	<0.38	0.90 J	<0.35	3.5 J	54 J	8.5 J	<0.44	<0.30	<0.41	<0.44	<0.30
	PCB-142	EPA 1668A			pg/g	8.0 J	<1.0	<0.20	<0.38	<0.29	<0.35	<0.64	24 J	1.7 J	<0.44	<0.30	<0.41	<0.44	<0.30
	PCB-144	EPA 1668A			pg/g	18 J	2.6 J	<0.19	<0.35	<0.27	<0.32	0.60 J	28 J	1.3 J	<0.41	<0.28	<0.39	<0.41	<0.28
	PCB-145	EPA 1668A			pg/g	<3.7	<0.72	<0.14	<0.26	<0.20	<0.24	<0.44	6.6 J	<0.54	<0.30	<0.21	<0.28	<0.30	<0.21
	PCB-146	EPA 1668A			pg/g	59	9.7 J	<0.19	<0.35	0.71 J	<0.32	1.9 J	96 J	9.5 J	<0.40	<0.28	<0.38	<0.40	<0.27
	PCB-148	EPA 1668A			pg/g	11 J	1.8 J	<0.19	<0.35	<0.26	<0.32	<0.59	30 J	2.2 J	<0.40	<0.28	<0.38	<0.40	<0.28
	PCB-150	EPA 1668A			pg/g	4.2 J	<0.67	<0.13	<0.24	<0.18	<0.22	<0.41	15 J	0.97 J	<0.28	<0.19	<0.26	<0.28	<0.19
	PCB-152	EPA 1668A			pg/g	<3.6	<0.70	<0.14	<0.25	<0.19	<0.23	<0.43	<4.3	<0.53	<0.29	<0.20	<0.28	<0.29	<0.20
	PCB-154	EPA 1668A			pg/g	14 J	<0.85	<0.17	<0.31	<0.23	<0.28	0.59 J	39 J	3.3 J	<0.35	<0.25	<0.34	<0.35	<0.24
	PCB-155	EPA 1668A			pg/g	4.7 J	<0.63	<0.12	<0.24	<0.17	<0.21	<0.42	12 J	0.78 J	<0.24	<0.16	<0.23	<0.23	<0.18
	PCB-158	EPA 1668A			pg/g	38	7.0 J	<0.14	<0.25	0.48 J	<0.23	1.8 J	43 J	3.9 J	<0.29	<0.20	<0.28	<0.29	<0.20
	PCB-159	EPA 1668A			pg/g	20	2.5 J	<0.21	<0.23	<0.27	<0.19	0.58 J	36 J	2.9 J	<0.30	<0.25	<0.22	<0.16	<0.24
	PCB-160	EPA 1668A			pg/g	16 J	2.9 J	<0.16	<0.30	<0.23	<0.28	0.84 J	26 J	2.5 J	<0.35	<0.24	<0.33	<0.35	<0.24
	PCB-161	EPA 1668A			pg/g	8.2 J	1.8 J	<0.15	<0.27	<0.20	<0.25	<0.46	23 J	2.0 J	<0.31	<0.22	<0.30	<0.31	<0.21
	PCB-162	EPA 1668A			pg/g	19 J	1.4 J	<0.19	<0.21	<0.25	<0.17	0.67 J	35 J	3.8 J	<0.27	<0.22	<0.20	<0.15	<0.22
	PCB-164	EPA 1668A			pg/g	35	5.7 J	<0.15	<0.28	<0.21	<0.26	1.2 J	47 J	5.0 J	<0.33	<0.23	<0.31	<0.33	<0.22
	PCB-165	EPA 1668A			pg/g	7.2 J	<0.87	<0.17	<0.31	<0.24	<0.29	<0.53	17 J	1.7 J	<0.36	<0.25	<0.34	<0.36	<0.25
	PCB-167	EPA 1668A			pg/g	37	6.4	<0.19	<0.19	0.39 J	<0.17	1.1 J	62	7.1	<0.27	<0.23	<0.19	<0.15	<0.21
	PCB-169	EPA 1668A	1.65	RSL	pg/g	7.2	<0.90	<0.26	<0.28	<0.34	<0.23	<0.57	<10	<0.82	<0.40	<0.32	<0.29	<0.21	<0.29
	PCB-170	EPA 1668A			pg/g	160	27	<0.15	0.88 J	1.9 J	0.19 J	6.4 J	91 J	3.7 J	<0.27	<0.22	<0.24	<0.17	<0.21
	PCB-172	EPA 1668A			pg/g	67	11 J	<0.15	<0.22	0.64 J	<0.14	2.6 J	140 J	9.3 J	<0.26	<0.21	<0.23	<0.16	<0.20
	PCB-174	EPA 1668A			pg/g	150	24	<0.15	0.69 J	1.4 J	<0.14	6.3 J	110 J	5.5 J	<0.27	<0.22	<0.24	<0.17	<0.21
	PCB-175	EPA 1668A			pg/g	53	8.3 J	<0.19	<0.31	0.55 J	<0.25	2.1 J	120 J	9.7 J	<0.39	<0.27	<0.35	<0.33	<0.27
	PCB-176	EPA 1668A			pg/g	33	5.3 J	<0.13	<0.21	0.34 J	<0.18	1.3 J	59 J	5.2 J	<0.27	<0.19	<0.24	<0.23	<0.19
	PCB-177	EPA 1668A			pg/g	83	12 J	<0.15	0.42 J	0.79 J	<0.14	2.9 J	43 J	2.7 J	<0.26	<0.22	<0.23	<0.16	<0.20
PCB-178	EPA 1668A			pg/g	46	7.6 J	<0.19	<0.31	0.67 J	<0.26	1.8 J	85 J	6.6 J	<0.40	<0.28	<0.36	<0.34	<0.28	
PCB-179	EPA 1668A			pg/g	46	6.9 J	<0.14	<0.23	0.53 J	<0.19	1.7 J	52 J	3.9 J	<0.30	<0.21	<0.27	<0.25	<0.21	
PCB-181	EPA 1668A			pg/g	15 J	2.3 J	<0.13	<0.16	<0.18	<0.12	0.86 J	47 J	4.3 J	<0.23	<0.19	<0.20	<0.14	<0.18	
PCB-182	EPA 1668A			pg/g	30	2.5 J	<0.17	<0.28	<0.18	<0.23	0.91 J	71 J	6.1 J	<0.35	<0.24	<0.32	<0.30	<0.24	
PCB-183	EPA 1668A			pg/g	100	16 J	<0.17	0.72 J	1.2 J	<0.15	4.0 J	130 J	10 J	<0.19	<0.16	<0.17	<0.12	<0.15	
PCB-184	EPA 1668A			pg/g	44	7.4 J	<0.14	<0.23	0.58 J	<0.19	2.0 J	100 J	9.5 J	<0.30	<0.21	<0.27	<0.25	<0.21	
PCB-185	EPA 1668A			pg/g	29	3.9 J	<0.15	<0.18	<0.21	<0.14	<0.36	52 J	3.7 J	<0.26	<0.22	<0.23	<0.16	<0.20	
PCB-186	EPA 1668A			pg/g	6.2 J	1.0 J	<0.14	<0.23	<0.15	<0.19	<0.26	14 J	1.1 J	<0.29	<0.20	<0.26	<0.25	<0.20	
PCB-187	EPA 1668A			pg/g	140	22	<0.18	0.74 J	1.8 J	<0.24	6.0 J	120 J	9.5 J	<0.37	<0.25	<0.33	<0.31	<0.25	
PCB-188	EPA 1668A			pg/g	26	4.3 J	<0.14	<0.22	0.22 J	<0.19	0.86 J	65 J	5.5 J	<0.27	<0.20	<0.25	<0.23	<0.20	
PCB-189	EPA 1668A			pg/g	50	7.7	<0.33	<0.31	0.57 J	<0.33	1.8 J	93	7.4	<0.45	<0.36	<0.39	<0.38	<0.39	
PCB-190	EPA 1668A			pg/g	60	9.0 J	<0.10	0.23 J	0.63 J	<0.097	1.6 J	61 J	3.8 J	<0.18	<0.15	<0.16	<0.11	<0.14	
PCB-191	EPA 1668A			pg/g	29	4.6 J	<0.11	<0.13	0.36 J	<0.099	1.3 J	62 J	4.4 J	<0.18	<0.15	<0.16	<0.12	<0.14	
PCB-192	EPA 1668A			pg/g	14 J	2.1 J	<0.11	<0.13	<0.16	<0.10	0.72 J	43 J	3.3 J	<0.19	<0.16	<0.17	<0.12	<0.15	
PCB-194	EPA 1668A			pg/g	160	27	<0.34	0.91 J	1.7 J	<0.30	7.0 J	220	13 J	<0.42	<0.31	<0.34	<0.29	<0.35	

**TABLE A-2a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 3**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-09							RISB-10						
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs
						RISB-09-0.5-20141211	RISB-09-5.0-20141211	RISB-09-10.0-20141211	RISB-09-15.0-20141211	RISB-09-20.0-20141211	RISB-09-25.0-20141211	RISB-09-30.0-20141212	RISB-10-0.5-20141215	RISB-10-5.0-20141215	RISB-10-10.0-20141215	RISB-10-15.0-20141215	RISB-10-15.0-20141215-FD	RISB-10-20.0-20141215	RISB-10-25.0-20141215
PCBs	PCB-195	EPA 1668A			pg/g	61	10 J	<0.29	<0.28	0.76 J	<0.26	2.2 J	96 J	5.6 J	<0.36	<0.27	<0.29	<0.25	<0.30
	PCB-196	EPA 1668A			pg/g	220	35	<0.27	1.1 J	2.6 J	<0.26	8.3 J	430	31	<0.33	<0.30	<0.24	<0.16	<0.24
	PCB-197	EPA 1668A			pg/g	130	23	<0.17	0.65 J	1.9 J	<0.16	5.6 J	290	25	<0.20	<0.19	<0.15	<0.10	<0.15
	PCB-200	EPA 1668A			pg/g	63	8.7 J	<0.21	0.24 J	0.88 J	<0.21	2.5 J	140 J	8.9 J	<0.26	<0.24	<0.19	<0.13	<0.20
	PCB-201	EPA 1668A			pg/g	160	27	<0.19	1.0 J	2.3 J	<0.18	6.3 J	360	29	<0.23	<0.21	<0.17	<0.12	<0.17
	PCB-202	EPA 1668A			pg/g	61	9.8 J	<0.19	0.29 J	0.68 J	<0.19	2.1 J	150 J	11 J	<0.24	<0.22	<0.17	<0.12	<0.18
	PCB-203	EPA 1668A			pg/g	130	20 J	<0.25	0.56 J	1.8 J	<0.24	5.0 J	220	15 J	<0.30	<0.28	<0.22	<0.15	<0.23
	PCB-204	EPA 1668A			pg/g	92	15 J	<0.19	0.46 J	1.2 J	<0.19	3.6 J	220	17 J	<0.24	<0.22	<0.17	<0.12	<0.18
	PCB-205	EPA 1668A			pg/g	74	13 J	<0.30	<0.28	1.0 J	<0.26	3.2 J	160 J	11 J	<0.37	<0.27	<0.30	<0.26	<0.30
	PCB-206	EPA 1668A			pg/g	780	120	0.57 J	4.8 J	11 J	0.58 J	31	1,700	100	<0.34	0.44 J	0.70 J	<0.27	<0.35
	PCB-207	EPA 1668A			pg/g	1,100	180	1.0 J	6.9 J	16 J	0.95 J	47	2,500	170	0.29 J	0.69 J	0.76 J	<0.19	<0.26
	PCB-208	EPA 1668A			pg/g	660	110	0.61 J	4.4 J	10 J	0.58 J	29	1,500	110	<0.28	0.43 J	0.38 J	<0.22	<0.30
	PCB-209	EPA 1668A			pg/g	8,100 J	1,400	8.0 J	52	130	7.1 J	360	19,000 J	1,200	1.9 J	5.9 J	6.9 J	1.1 J	0.94 J
	PCBs 107+124	EPA 1668A			pg/g	12 J	1.9 J	<0.17	<0.29	<0.27	<0.24	<0.57	31 J	2.1 J	<0.35	<0.24	<0.32	<0.31	<0.27
	PCBs 110+115	EPA 1668A			pg/g	130	20 J	0.29 J	0.70 J	1.5 J	0.44 J	7.0 J	110 J	9.3 J	0.49 J	0.41 J	0.30 UJ	<0.30	<0.26
	PCBs 12+13	EPA 1668A			pg/g	19 J	<2.6	<2.2	<3.0	<2.0	<4.1	<5.9	<25	<9.1	<4.1	<4.5	<4.3	<3.7	<6.0
	PCBs 128+166	EPA 1668A			pg/g	44	8.8 J	<0.18	<0.32	0.41 J	<0.30	1.8 J	43 J	4.1 J	<0.37	<0.26	<0.35	<0.37	<0.26
	PCBs 129+138+163	EPA 1668A			pg/g	290	48 J	0.37 J	1.3 J	4.0 J	0.43 J	13 J	160 J	12 J	0.49 J	0.29 J	0.37 UJ	<0.39	0.32 J
	PCBs 134+143	EPA 1668A			pg/g	11 J	<1.1	<0.22	<0.40	<0.30	<0.37	<0.68	<6.7	1.5 J	<0.46	<0.32	<0.44	<0.46	<0.32
	PCBs 135+151	EPA 1668A			pg/g	76	11 J	<0.20	<0.36	0.92 J	<0.34	3.4 J	62 J	5.2 J	<0.42	<0.29	<0.40	<0.42	<0.29
	PCBs 139+140	EPA 1668A			pg/g	12 J	1.4 J	<0.19	<0.35	<0.26	<0.32	<0.59	35 J	2.3 J	<0.40	<0.28	<0.38	<0.40	<0.27
	PCBs 147+149	EPA 1668A			pg/g	170	24 J	0.41 J	0.99 J	1.9 J	<0.32	6.3 J	88 J	6.8 J	<0.41	0.39 J	0.39 UJ	<0.41	<0.28
	PCBs 153+168	EPA 1668A			pg/g	230	38 J	0.40 J	1.3 J	3.5 J	0.40 J	11 J	120 J	8.8 J	0.42 J	0.27 J	0.31 UJ	<0.33	0.36 J
	PCBs 156+157	EPA 1668A			pg/g	62	11	<0.26	0.33 J	0.71 J	<0.24	2.7 J	83	7.2	<0.37	<0.31	<0.28	<0.21	<0.28
	PCBs 171+173	EPA 1668A			pg/g	100	14 J	<0.15	0.35 J	0.73 J	<0.14	3.7 J	190 J	14 J	<0.26	<0.21	<0.23	<0.16	<0.20
	PCBs 18+30	EPA 1668A			pg/g	6.5 J	1.7 J	0.34 J	0.45 J	0.56 J	200	72	7.9 J	<0.84	<0.71	<0.47	<0.52	23 J	130
	PCBs 180+193	EPA 1668A			pg/g	430	65	0.40 J	1.4 J	5.3 J	0.42 J	16 J	300 J	20 J	<0.21	<0.17	<0.18	<0.13	<0.16
	PCBs 198+199	EPA 1668A			pg/g	280	44	<0.28	1.5 J	3.8 J	<0.27	11 J	520	37 J	<0.34	<0.31	<0.25	<0.17	<0.25
	PCBs 20+28	EPA 1668A			pg/g	13 J	2.5 J	0.35 J	0.55 J	0.59 J	3.0 J	26 J	17 J	<0.97	<0.56	<0.51	<0.55	0.63 J	0.57 J
	PCBs 21+33	EPA 1668A			pg/g	8.7 J	1.4 J	<0.29	<0.25	<0.31	14 J	78	5.5 J	<0.84	<0.48	<0.44	<0.48	<0.44	1.1 J
	PCBs 26+29	EPA 1668A			pg/g	4.6 J	0.77 J	<0.32	<0.27	<0.34	4.7 J	28 J	<4.3	<0.91	<0.53	<0.48	<0.52	<0.48	1.1 J
	PCBs 40+71	EPA 1668A			pg/g	15 J	1.7 J	<0.16	<0.19	<0.17	3.0 J	6.5 J	19 J	1.3 J	<0.37	<0.37	<0.36	<0.28	<0.32
	PCBs 44+47+65	EPA 1668A			pg/g	23 J	3.7 J	0.65 J	0.68 J	0.47 J	5.6 J	21 J	21 J	2.0 J	0.44 J	0.57 J	0.86 J	1.1 J	0.61 J
PCBs 49+69	EPA 1668A			pg/g	12 J	1.7 J	0.23 J	<0.28	0.20 J	0.56 J	6.6 J	13 J	0.82 J	<0.31	<0.32	<0.31	<0.24	<0.27	
PCBs 50+53	EPA 1668A			pg/g	2.6 J	<0.22	<0.15	<0.18	<0.16	0.47 J	1.1 J	3.1 J	<0.40	<0.35	<0.36	<0.35	<0.27	<0.31	
PCBs 59+62+75	EPA 1668A			pg/g	6.2 J	<0.17	<0.12	<0.14	<0.13	<0.14	0.67 J	<1.2	1.1 J	<0.28	<0.28	<0.27	<0.21	<0.24	
PCBs 61+70+74+76	EPA 1668A			pg/g	64 J	10 J	<0.23	0.70 J	0.89 J	23 J	15 J	56 J	3.7 J	<0.46	<0.41	<0.44	<0.42	2.8 J	
PCBs 85+116+117	EPA 1668A			pg/g	33 J	4.6 J	<0.18	<0.31	<0.29	<0.26	1.4 J	51 J	4.5 J	<0.37	<0.26	<0.34	<0.33	<0.29	
PCBs 86+87+97+108+119+125	EPA 1668A			pg/g	89 J	11 J	<0.19	<0.32	0.46 J	<0.26	2.7 J	94 J	6.1 J	<0.38	<0.26	<0.35	<0.34	<0.30	
PCBs 88+91	EPA 1668A			pg/g	11 J	<1.3	<0.21	<0.36	<0.34	<0.30	<0.72	<11	<1.1	<0.44	<0.30	<0.40	<0.40	<0.35	
PCBs 90+101+113	EPA 1668A			pg/g	110	14 J	0.50 J	0.67 J	1.4 J	0.56 J	5.8 J	81 J	5.7 J	<0.39	0.46 J	0.35 UJ	<0.35	<0.31	
PCBs 93+100	EPA 1668A			pg/g	<6.5	<1.3	<0.21	<0.37	<0.34	<0.30	<0.72	<11	<1.1	<0.44	<0.30	<0.40	<0.40	<0.35	
PCBs 98+102	EPA 1668A			pg/g	<5.9	<1.2	<0.20	<0.33	<0.31	<0.28	<0.66	<9.7	<1.0	<0.40	<0.28	<0.37	<0.36	<0.32	
Dioxins/Furans	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	EPA 8290			pg/g	82	15	<0.12	0.55 J	1.4 J	0.38 J	3.5 J	190	8.4	0.15 J	0.24 J	0.22 J	<0.062	0.13 J
	1,2,3,4,6,7,8-Heptachlorodibenzofuran	EPA 8290			pg/g	970	170	0.60 J	4.7 J	13	0.66 J	35	2,400	100	0.19 J	0.44 J	0.57 J	0.071 J	0.082 J
	1,2,3,4,7,8,9-Heptachlorodibenzofuran	EPA 8290			pg/g	340	59	<0.12	1.8 J	4.5 J	0.26 J	12	880	36	<0.076	0.084 UJ	0.20 J	<0.056	<0.081

**TABLE A-2a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 3**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-09						RISB-10							
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs
						RISB-09-0.5-20141211	RISB-09-5.0-20141211	RISB-09-10.0-20141211	RISB-09-15.0-20141211	RISB-09-20.0-20141211	RISB-09-25.0-20141211	RISB-09-30.0-20141212	RISB-10-0.5-20141215	RISB-10-5.0-20141215	RISB-10-10.0-20141215	RISB-10-15.0-20141215	RISB-10-15.0-20141215-FD	RISB-10-20.0-20141215	RISB-10-25.0-20141215
Dioxins/Furans	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	EPA 8290			pg/g	10	1.5 J	<0.056	0.055 J	0.18 J	<0.065	0.34 J	25 J	0.96 J	<0.039	<0.048	<0.046	<0.040	<0.042
	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	EPA 8290			pg/g	19	3.6 J	0.11 J	0.14 J	0.37 J	0.20 J	0.89 J	46	1.9 J	0.046 J	0.090 J	0.12 J	0.092 J	0.056 J
	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	EPA 8290			pg/g	20	3.9 J	0.15 J	0.22 J	0.50 J	0.34 J	1.0 J	51	2.1 J	0.13 J	0.13 J	0.19 J	0.23 J	0.17 J
	1,2,3,4,7,8-Hexachlorodibenzofuran	EPA 8290			pg/g	390	67	0.30 J	2.3 J	5.8	0.31 J	17	960	45	0.059 J	0.22 J	0.23 J	0.040 J	<0.021
	1,2,3,6,7,8-Hexachlorodibenzofuran	EPA 8290			pg/g	230	43	0.24 J	1.3 J	3.3 J	0.32 J	9.3	540	25	0.074 J	0.15 J	0.25 J	0.024 J	<0.013
	1,2,3,7,8,9-Hexachlorodibenzofuran	EPA 8290			pg/g	22	4.1 J	<0.039	<0.15	0.29 J	0.18 J	<0.96	72	2.0 J	<0.028	<0.030	<0.033	0.14 J	0.051 J
	2,3,4,6,7,8-Hexachlorodibenzofuran	EPA 8290			pg/g	60	11	0.11 J	0.48 J	0.83 J	0.15 J	2.8 J	120	9.7	<0.024	0.059 J	0.089 J	<0.016	<0.017
	HpCDD (total)	EPA 8290			pg/g	130	24	<0.12	0.85 J	2.2 J	0.86 J	5.7	310	13	0.36 J	0.41 J	0.43 J	0.16 J	0.13 J
	HpCDF (total)	EPA 8290			pg/g	2,000	360	1.2 J	11	29	1.4 J	80	5,000	220	0.19 J	0.44 J	1.2 J	0.071 J	0.082 J
	HxCDD (total)	EPA 8290			pg/g	140	24	0.26 J	1.0 J	2.5 J	1.2 J	6.2	330	14	0.17 J	0.22 J	0.30 J	0.33 J	0.23 J
	HxCDF (total)	EPA 8290			pg/g	1,700	300	1.3 J	10	28	1.6 J	76	4,100	210	0.18 J	0.74 J	0.95 J	0.20 J	0.091 J
	1,2,3,4,5,6,7,8-Octachlorodibenzo-p-dioxin	EPA 8290			pg/g	94	17	2.1 J	2.2 J	3.2 J	3.1 J	5.7 J	230	10 J	1.0 J	1.2 J	1.2 J	0.91 J	0.87 J
	1,2,3,4,5,6,7,8-Octachlorodibenzofuran	EPA 8290			pg/g	2,000	320	1.6 J	12	32	1.9 J	89	5,200	280	0.58 J	0.97 J	1.3 J	0.30 J	0.22 J
	PeCDD (total)	EPA 8290			pg/g	100	16	<0.053	0.49 J	1.5 J	1.6 J	4.6 J	240	10	<0.049	0.052 J	0.043 UJ	0.078 J	<0.039
	PeCDF (total)	EPA 8290			pg/g	1,300	220	0.41 J	7.0	18	1.1 J	55	3,100	140	<0.040	0.14 J	0.25 J	0.029 J	0.10 J
	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	EPA 8290			pg/g	11	1.9 J	<0.053	0.10 J	0.16 J	<0.057	0.48 J	25 J	1.1 J	<0.049	<0.043	<0.043	<0.042	<0.039
	1,2,3,7,8-Pentachlorodibenzofuran	EPA 8290			pg/g	170	28	<0.050	0.88 J	2.2 J	0.20 J	6.6	380	16	<0.039	0.037 UJ	0.078 J	0.029 J	0.044 J
	2,3,4,7,8-Pentachlorodibenzofuran	EPA 8290			pg/g	83	14	<0.051	0.45 J	1.1 J	<0.035	3.4 J	180	7.9	<0.040	<0.038	<0.040	<0.022	<0.022
	TCDD (total)	EPA 8290			pg/g	84	16	<0.034	0.27 J	0.71 J	0.76 J	3.0	230	15	<0.032	<0.034	<0.032	0.18 J	0.19 J
	TCDF (total)	EPA 8290			pg/g	920	170	0.47 J	5.0	12	2.3	40	2,200	190	<0.027	0.25 J	0.29 J	0.20 J	0.22 J
2,3,7,8-Tetrachlorodibenzo-p-dioxin	EPA 8290	15	RSL	pg/g	3.1	0.62 J	<0.034	<0.037	<0.044	<0.041	0.13 J	8.8 J	0.32 J	<0.032	<0.034	<0.032	<0.029	<0.030	
2,3,7,8-Tetrachlorodibenzofuran	EPA 8290			pg/g	75	13	0.12 J	0.48 J	1.2	0.17 J	3.4	160	11	<0.027	0.074 J	0.090 J	0.034 J	<0.016	
Total PCB TEQs (calculated by TAS)	EPA 8280A			pg/g	1.6	0.24	0.016	0.023	0.023	0.020	0.047	0.77	0.29	0.031	0.023	0.027	0.026	0.024	
Total TEQ (Calculated)	EPA 8280A			pg/g	140	25	2.6	2.8	4.1	2.8	6.2	330	130	2.5	2.8	2.2	1.0	1.1	
Organic Acids	Phthalic acid	EPA 8270			µg/kg	<1,300	<1,300	<1,300	<3,800	<1,300	<1,500	<1,400	<1,200	<1,300	<1,300	<1,400	<1,400	<1,300	<1,400
Radionuclides	Radium-226	EPA 903.0	0.006	BCL	pCi/g	1.30 J	0.938 J	1.05 J	1.27 J	1.59 J	6.59 J	1.92 J	1.04	0.840	0.927	1.28	1.60	1.66	2.02 J
	Radium-228	EPA 904.0	0.006	BCL	pCi/g	1.43 J	1.19 J	1.02 J	1.44 J	1.08 J	0.808 J	1.07 J	1.18	1.39	1.03	1.04	1.27	1.13	1.12 J
	Thorium-228	DOE A-01-R	0.0027	BCL	pCi/g	1.99	1.89	1.83	1.90	1.77	1.23	1.58	2.34	1.82	1.88	1.43	1.88	1.78	2.40
	Thorium-230	DOE A-01-R	0.001	BCL	pCi/g	1.19	1.07	1.22	1.35	1.66	7.17	2.50	1.45	1.10	1.47	1.58	1.50	2.23	2.14
	Thorium-232	DOE A-01-R	0.0035	BCL	pCi/g	1.67	1.79	1.62	1.75	1.71	1.57	1.62	2.41	1.49	1.99	1.53	1.49	1.57	2.06
	Uranium-233/234	DOE A-01-R			pCi/g	0.829	0.954	1.56	1.72	1.58	6.22	1.93	1.07	1.01	1.27	1.39	1.41	1.94	2.09
	Uranium-235/236	DOE A-01-R			pCi/g	<0.103	0.0683	<0.0830	<0.0803	<0.0743	0.215	0.105	<0.0746	0.123	<0.0797	0.0548 J	0.129 J	0.121	0.0817
	Uranium-238	DOE A-01-R			pCi/g	1.07	1.14	1.25	1.25	1.19	5.10	1.90	0.980	1.12	1.04	1.51	1.48	2.05	1.77
Total Petroleum Hydrocarbons	Diesel Range Organics (C10-C28)	EPA 8015			mg/kg	<2.5	6.8	3.0 J	120	11	7.7	27	<2.5	<2.7	<2.7	<2.8	<2.7	<2.6	<2.7
	EFH (C10-C40)	EPA 8015	13.5	BCL	mg/kg	5.7	12	6.8	170	18	13	39	5.4	<2.7	<2.7	3.2 J	3.0 J	<2.6	<2.7



**TABLE A-2a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 3**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-09						RISB-10								
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	
						RISB-09-0.5-20141211	RISB-09-5.0-20141211	RISB-09-10.0-20141211	RISB-09-15.0-20141211	RISB-09-20.0-20141211	RISB-09-25.0-20141211	RISB-09-30.0-20141212	RISB-10-0.5-20141215	RISB-10-5.0-20141215	RISB-10-10.0-20141215	RISB-10-15.0-20141215	RISB-10-15.0-20141215-FD	RISB-10-20.0-20141215	RISB-10-25.0-20141215	
<b>Total Petroleum</b>	Petroleum Hydrocarbons (C29-C40)	EPA 8015			mg/kg	<2.5	<2.6	<b>3.8 J</b>	<b>10 J</b>	<2.7	<3.0	<2.9	<b>2.7 J</b>	<2.7	<2.7	<2.8	<2.7	<2.6	<2.7	
<b>General Chemistry</b>	Alkalinity (as CaCO3)	SM 2320			mg/kg	<b>15,000</b>	<b>20,000</b>	<b>35,000</b>	<b>93,000</b>	<b>74,000</b>	<b>44,000</b>	<b>100,000</b>	<b>21,000</b>	<b>21,000</b>	<b>70,000</b>	<b>85,000</b>	<b>87,000</b>	<b>26,000</b>	<b>17,000</b>	
	Ammonia (as NH3)	SM 4500			mg/kg	<2.5	<b>3.0 J</b>	<2.6	<b>3.4 J</b>	<b>2.8 J</b>	<b>3.0 J</b>	<b>2.9 J</b>	<b>2.8 J</b>	<b>3.5 J</b>	<b>3.7 J</b>	<2.7	<2.6	<2.5	<2.6	
	Bicarbonate as HCO3	SM 2320			mg/kg	<b>17,000</b>	<b>22,000</b>	<b>40,000</b>	<b>110,000</b>	<b>87,000</b>	<b>50,000</b>	<b>120,000</b>	<b>25,000</b>	<b>24,000</b>	<b>83,000</b>	<b>100,000</b>	<b>100,000</b>	<b>30,000</b>	<b>19,000</b>	
	Bromide	EPA 300			mg/kg	<3.6	<3.6	<3.9	<3.8	<3.7	<4.3	<4.1	<b>4.6 J</b>	<3.8	<3.8	<3.9	<3.9	<3.7	<3.9	
	Carbonate (CO3)	SM 2320			mg/kg	<b>920</b>	<b>1,200</b>	<b>970</b>	<b>1,300</b>	<b>1,600</b>	<b>1,500</b>	<b>1,400</b>	<b>610</b>	<b>630</b>	<b>1,300</b>	<b>1,300</b>	<b>1,300</b>	<b>1,300</b>	<b>980</b>	
	Chloride	EPA 300			mg/kg	<b>180</b>	<b>210</b>	<b>370</b>	<b>290</b>	<b>140</b>	<b>130</b>	<b>200</b>	<b>700</b>	<b>500</b>	<b>300</b>	<b>140</b>	<b>150</b>	<b>49</b>	<b>82</b>	
	Hydroxide	SM 2320			mg/kg	<170	<180	<180	<180	<180	<210	<200	<170	<180	<180	<190	<180	<180	<180	<190
	Nitrate (as NO3)	EPA 300			mg/kg	<b>62</b>	<b>55</b>	<b>24</b>	<b>19</b>	<b>7.6</b>	<b>28</b>	<b>14</b>	<b>160</b>	<b>37</b>	<b>12</b>	<b>6.2</b>	<b>6.1</b>	<b>4.7 J</b>	<b>27</b>	
	Nitrate/Nitrite	EPA 300			mg/kg	<b>14</b>	<b>13</b>	<b>5.5</b>	<b>4.2</b>	<b>1.7</b>	<b>6.2</b>	<b>3.1</b>	<b>37</b>	<b>8.3</b>	<b>2.7</b>	<b>1.4 J</b>	<b>1.4 J</b>	<1.2	<b>6.1</b>	
	Nitrite	EPA 300			mg/kg	<1.1	<1.1	<1.2	<1.2	<1.2	<1.4	<1.3	<1.1	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2
	ortho-Phosphate (total) (as PO4)	EPA 300			mg/kg	<4.1	<4.2	4.4 UJ	4.3 UJ	4.3 UJ	5.0 UJ	4.6 UJ	4.1 UJ	4.3 UJ	4.4 UJ	4.4 UJ	4.4 UJ	4.4 UJ	4.3 UJ	4.4 UJ
	Phosphorus (total)	EPA 6010	0.00148	RSL	mg/kg	<b>1,600</b>	<b>1,400</b>	<b>920</b>	<b>1,100</b>	<b>990</b>	<b>1,000</b>	<b>960</b>	<b>1,500</b>	<b>1,000</b>	<b>1,300</b>	<b>1,100</b>	<b>990</b>	<b>1,200</b>	<b>890</b>	
	Silicon	EPA 6010			mg/kg	<b>180 J</b>	<b>180 J</b>	<b>140 J</b>	<b>150 J</b>	<b>150 J</b>	<b>260 J</b>	<b>180 J</b>	<b>250 J</b>	<b>140 J</b>	<b>170 J</b>	<b>180 J</b>	<b>150 J</b>	<b>170 J</b>	<b>220 J</b>	
Sulfate	EPA 300			mg/kg	<b>210</b>	<b>230</b>	<b>200</b>	<b>230</b>	<b>90</b>	<b>280</b>	<b>220</b>	<b>460</b>	<b>300</b>	<b>210</b>	<b>160</b>	<b>170</b>	<b>35</b>	<b>130</b>		
Sulfur	EPA 6020			mg/kg	<380	<400	410 UJ	400 UJ	390 UJ	450 UJ	450 UJ	<b>860 J</b>	<b>850 J</b>	<b>750 J</b>	<b>920 J</b>	<b>660 J</b>	<b>710 J</b>	<b>580 J</b>		
pH	EPA 9045			s.u.	<b>8.38</b>	<b>8.56</b>	--	--	--	--	--	--	--	--	--	--	--	--		
<b>Physical</b>	Ignitability	EPA 7.1.2			none	--	--	--	--	--	--	--	--	--	--	--	--	--	--	

**Notes:**

ft bgs: feet below ground surface

FD: Field Duplicate

Above Screening Level

**bold value:** detection

Soil screening levels were selected according to the following hierarchy of criteria:

1. Basic Comparison Level (BCL): Leaching-based basic comparison levels (LBCL) with dilution attenuation factor (DAF) of 1 in the most recent version of Nevada Division of Environmental Protection (NDEP) documents (February 2015).
2. Regional Screening Level (RSL): United States Environmental Protection Agency (USEPA) Regional Screening Levels (RSL) for groundwater protection (June 2015), with the maximum contaminant level (MCL) based screening levels selected over the risk-based screening levels, if available (USEPA 2015)
3. Calculated Criteria (CAL): Generic leaching-based BCLs (LBCLs) calculated using the approach presented in NDEP guidance (NDEP 2015).

**Sources:**

NDEP, 2015. User's Guide and Background Technical Document for NDEP Basic

Comparison Levels (BCLs) for Human Health for the BMI Complex and

Common Areas. Revision 13, February.

USEPA, 2015. Regional Screening Levels (RSL) for Chemical Contaminants at Superfund

Sites. June.



**TABLE A-2a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 3**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-11						RISB-12								
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	22.5-23 ft bgs	0.5-1 ft bgs	2.5-3 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	15-15.5 ft bgs	17.5-18 ft bgs	
						RISB-11-0.5-20141217	RISB-11-5.0-20141217	RISB-11-10.0-20141217	RISB-11-10.0-20141217-FD	RISB-11-15.0-20141217	RISB-11-20.0-20141217	RISB-11-22.5-20141217	RISB-12-0.5-20141215	RISB-12-2.5-20141216	RISB-12-5.0-20141216	RISB-12-10.0-20141216	RISB-12-15.0-20141216	RISB-12-15.0-20141216-FD	RISB-12-17.5-20141216	
Asbestos	Long Amphibole Protocol Structures	EPA 540			s/gPM10	<8,900,000	<8,970,000	--	--	--	--	--	<8,900,000	--	<8,900,000	--	--	--	--	
	Long Amphibole Protocol Structures Count	EPA 540			s/samp	<0	<0	--	--	--	--	--	1	--	<0	--	--	--	--	--
	Long Asbestos Protocol Structures	EPA 540			s/gPM10	<8,900,000	<8,970,000	--	--	--	--	--	8,930,000	--	<8,900,000	--	--	--	--	--
	Long Asbestos Protocol Structures Count	EPA 540			s/samp	<0	<0	--	--	--	--	--	3	--	<0	--	--	--	--	--
	Long Chrysotile Protocol Structures	EPA 540			s/gPM10	<8,900,000	<8,970,000	--	--	--	--	--	<8,900,000	--	<8,900,000	--	--	--	--	--
	Long Chrysotile Protocol Structures Count	EPA 540			s/samp	<0	<0	--	--	--	--	--	2	--	<0	--	--	--	--	--
	Short Amphibole Structures	EPA 540			s/gPM10	<8,900,000	<8,970,000	--	--	--	--	--	<8,900,000	--	<8,900,000	--	--	--	--	--
	Short Amphibole Structures Counts	EPA 540			s/samp	<0	<0	--	--	--	--	--	<0	--	<0	--	--	--	--	--
	Short Asbestos Structures	EPA 540			s/gPM10	<8,900,000	<8,970,000	--	--	--	--	--	8,930,000	--	<8,900,000	--	--	--	--	--
	Short Asbestos Structures Counts	EPA 540			s/samp	<0	<0	--	--	--	--	--	3	--	<0	--	--	--	--	--
	Short Chrysotile Structures	EPA 540			s/gPM10	<8,900,000	<8,970,000	--	--	--	--	--	8,930,000	--	<8,900,000	--	--	--	--	--
	Short Chrysotile Structures Counts	EPA 540			s/samp	<0	<0	--	--	--	--	--	3	--	<0	--	--	--	--	--
	Total Amphibole Protocol Structures	EPA 540			s/gPM10	<8,900,000	<8,970,000	--	--	--	--	--	<8,900,000	--	<8,900,000	--	--	--	--	--
	Total Amphibole Protocol Structures Count	EPA 540			s/samp	<0	<0	--	--	--	--	--	1	--	<0	--	--	--	--	--
Total Asbestos Protocol Structures	EPA 540			s/gPM10	<8,900,000	<8,970,000	--	--	--	--	--	17,900,000	--	<8,900,000	--	--	--	--	--	
Total Asbestos Protocol Structures Count	EPA 540			s/samp	<0	<0	--	--	--	--	--	6	--	<0	--	--	--	--	--	
Total Chrysotile Protocol Structures	EPA 540			s/gPM10	<8,900,000	<8,970,000	--	--	--	--	--	14,900,000	--	<8,900,000	--	--	--	--	--	
Total Chrysotile Protocol Structures Count	EPA 540			s/samp	<0	<0	--	--	--	--	--	5	--	<0	--	--	--	--	--	
Chlorates	Chlorate	EPA 300.1	1.03	BCL	mg/kg	1.6	8.7	5.5	5.7	4.8	6.1	13	1.6	0.16 J	--	0.55	2.3	2.2	12	
	Perchlorate	EPA 314.0	0.0185	BCL	mg/kg	43	32	3.0	4.0	2.4	2.5	5.4	78	17	--	27	32	32	20	
Common Metals	Aluminum	EPA 6010	75	BCL	mg/kg	8,200	8,800	8,900	8,700	8,800	6,700	7,400	11,000	11,000	--	8,700	7,600	7,700	6,900	
	Antimony	EPA 6020	0.3	BCL	mg/kg	0.53 UJ	0.54 UJ	0.54 UJ	0.53 UJ	0.54 UJ	0.53 UJ	0.53 UJ	1.2 J	1.3 J	--	0.53 UJ	0.53 UJ	0.53 UJ	0.54 UJ	
	Arsenic	EPA 6020	1	BCL	mg/kg	3.0	0.58	3.9	3.7	6.4	11	14	9.8	9.6	--	6.9	8.8	9.1	12	
	Barium	EPA 6010	82	BCL	mg/kg	150 J	170 J	160 J	160 J	170 J	110 J	110 J	350	200 J	--	140 J	150 J	190 J	150 J	
	Boron	EPA 6010	21.4	BCL	mg/kg	6.4	6.9	4.1 J	3.7 J	4.7 J	5.2 J	8.7	19	9.5	--	7.3	7.5	8.3	11	
	Cadmium	EPA 6010	0.4	BCL	mg/kg	<0.26	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.26	<0.28	--	<0.26	<0.26	<0.26	<0.27	
	Chromium (total)	EPA 6010	180,000	RSL	mg/kg	11	11	12	11	13	11	15	24	25	--	19	15	14	18	
	Cobalt	EPA 6010	0.453	BCL	mg/kg	6.9	7.6	7.6	7.6	6.9	5.6	5.7	12	11	--	7.6	7.1	6.6	5.3	
	Copper	EPA 6010	45.8	BCL	mg/kg	16	17	17	17	16	16	14	98	160	--	20	19	16	14	
	Iron	EPA 6010	7.56	BCL	mg/kg	13,000	13,000	14,000	14,000	14,000	11,000	12,000	20,000	24,000	--	17,000	15,000	15,000	14,000	
	Lead	EPA 6010	13.5	RSL	mg/kg	7.5	8.6	7.7	7.4	6.5	5.9	8.1	43	29	--	6.1	7.4	7.1	6.8	
	Magnesium	EPA 6010	889	BCL	mg/kg	16,000	11,000	11,000	11,000	13,000	8,300	8,100	12,000	12,000	--	11,000	8,400	8,300	7,200	
	Manganese	EPA 6010	1.3	BCL	mg/kg	350	320	290	300	280	210	250	1,700	490	--	260	280	260	210	
	Mercury	EPA 7471	0.104	BCL	mg/kg	<0.013	0.015 J	<0.013	<0.013	0.049	<0.013	<0.013	0.027	0.081	--	0.014 J	0.056 J	0.013 UJ	0.018 J	
Molybdenum	EPA 6010	3.37	BCL	mg/kg	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	41	55	--	<1.1	<1.1	<1.1	2.6		

**TABLE A-2a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 3**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-11							RISB-12						
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	22.5-23 ft bgs	0.5-1 ft bgs	2.5-3 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	15-15.5 ft bgs	17.5-18 ft bgs
						RISB-11-0.5-20141217	RISB-11-5.0-20141217	RISB-11-10.0-20141217	RISB-11-10.0-20141217-FD	RISB-11-15.0-20141217	RISB-11-20.0-20141217	RISB-11-22.5-20141217	RISB-12-0.5-20141215	RISB-12-2.5-20141216	RISB-12-5.0-20141216	RISB-12-10.0-20141216	RISB-12-15.0-20141216	RISB-12-15.0-20141216-FD	RISB-12-17.5-20141216
Common Metals	Nickel	EPA 6010	7	BCL	mg/kg	13	15	15	15	13	12	12	18	21	--	19	15	14	12
	Selenium	EPA 6020	0.3	BCL	mg/kg	<0.53	<0.54	<0.54	<0.53	<0.54	<0.53	<0.53	<0.52	<0.56	--	<0.53	<0.53	<0.53	<0.54
	Silver	EPA 6010	0.85	BCL	mg/kg	<0.79	<0.81	<0.81	<0.80	<0.81	<0.80	<0.80	<0.78	<0.84	--	<0.79	<0.79	<0.79	<0.81
	Thallium	EPA 6020	0.4	BCL	mg/kg	<0.26	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	0.79	<0.28	--	<0.26	<0.26	<0.26	<0.27
	Zinc	EPA 6010	620	BCL	mg/kg	30	31	31	31	30	24	26	100	83	--	31	30	29	26
Hexavalent Chromium	Chromium VI	EPA 7199	2	BCL	mg/kg	<0.42	<0.43	<0.43	<0.43	<0.43	<0.43	0.48 J	0.55 J	<0.45	--	<0.43	<0.43	<0.42	<0.43
Rare Metals	Niobium	EPA 6020	1.17	BCL	mg/kg	<1.9 R	<1.8 R	<1.9 R	<2.0 R	<2.0 R	<1.8 R	<1.7 R	1.8 UJ	<1.9	--	<1.9	<2.0	<1.7	<1.9
	Palladium	EPA 6020			mg/kg	<0.055	<0.053	<0.054	<0.059	<0.059	<0.051	<0.049	<0.052	<0.056	--	<0.056	<0.057	<0.050	<0.054
	Strontium	EPA 6010	422	RSL	mg/kg	170 J	260 J	340 J	310 J	340 J	280 J	490 J	280	290 J	--	500 J	250 J	710 J	380 J
	Tungsten	EPA 6010	37.6	BCL	mg/kg	5.3 UJ	5.4 UJ	5.4 UJ	5.3 UJ	5.4 UJ	5.3 UJ	5.3 UJ	5.2 UJ	5.6 UJ	--	5.3 UJ	5.3 UJ	5.3 UJ	5.4 UJ
	Zirconium	EPA 6010	4.79	RSL	mg/kg	16	15	20	18	20	16	17	26	31	--	24	23	22	21
VOCs	Acetone	EPA 8260	0.8	BCL	mg/kg	--	--	--	--	--	--	--	--	0.0089 UJ	--	--	--	--	--
	t-Amyl methyl ether	EPA 8260			mg/kg	--	--	--	--	--	--	--	--	<0.0011	--	--	--	--	--
	Benzene	EPA 8260	0.002	BCL	mg/kg	--	--	--	--	--	--	--	--	<0.00056	--	--	--	--	--
	Bromobenzene	EPA 8260	0.0421	RSL	mg/kg	--	--	--	--	--	--	--	--	<0.0011	--	--	--	--	--
	Bromochloromethane	EPA 8260			mg/kg	--	--	--	--	--	--	--	--	<0.0011	--	--	--	--	--
	Bromodichloromethane	EPA 8260	0.03	BCL	mg/kg	--	--	--	--	--	--	--	--	<0.00056	--	--	--	--	--
	Bromoform	EPA 8260	0.04	BCL	mg/kg	--	--	--	--	--	--	--	--	<0.0011	--	--	--	--	--
	Bromomethane	EPA 8260	0.01	BCL	mg/kg	--	--	--	--	--	--	--	--	<0.0011	--	--	--	--	--
	2-Butanone	EPA 8260	1.16	RSL	mg/kg	--	--	--	--	--	--	--	--	<0.0056	--	--	--	--	--
	n-Butylbenzene	EPA 8260	3.23	RSL	mg/kg	--	--	--	--	--	--	--	--	<0.0011	--	--	--	--	--
	sec-Butylbenzene	EPA 8260	5.87	RSL	mg/kg	--	--	--	--	--	--	--	--	<0.0011	--	--	--	--	--
	Carbon tetrachloride	EPA 8260	0.003	BCL	mg/kg	--	--	--	--	--	--	--	--	<0.00056	--	--	--	--	--
	Chlorobenzene	EPA 8260	0.07	BCL	mg/kg	--	--	--	--	--	--	--	--	<0.00056	--	--	--	--	--
	Chloroethane	EPA 8260	5.92	RSL	mg/kg	--	--	--	--	--	--	--	--	<0.0011	--	--	--	--	--
	Chloroform	EPA 8260	0.03	BCL	mg/kg	--	--	--	--	--	--	--	--	0.0032	--	--	--	--	--
	Chloromethane	EPA 8260	0.0486	RSL	mg/kg	--	--	--	--	--	--	--	--	<0.0011	--	--	--	--	--
	2-Chlorotoluene	EPA 8260	0.231	RSL	mg/kg	--	--	--	--	--	--	--	--	<0.0011	--	--	--	--	--
	4-Chlorotoluene	EPA 8260	0.241	RSL	mg/kg	--	--	--	--	--	--	--	--	<0.0011	--	--	--	--	--
	Cumene	EPA 8260	0.738	RSL	mg/kg	--	--	--	--	--	--	--	--	<0.00056	--	--	--	--	--
	p-Cymene	EPA 8260	3.91	CAL	mg/kg	--	--	--	--	--	--	--	--	<0.00056	--	--	--	--	--
	Dibromochloromethane	EPA 8260	0.02	BCL	mg/kg	--	--	--	--	--	--	--	--	<0.00056	--	--	--	--	--
	1,2-Dibromoethane	EPA 8260	0.0000141	RSL	mg/kg	--	--	--	--	--	--	--	--	<0.00056	--	--	--	--	--
	Dibromomethane	EPA 8260	0.00197	RSL	mg/kg	--	--	--	--	--	--	--	--	<0.00056	--	--	--	--	--
	1,2-Dichlorobenzene	EPA 8260	0.9	BCL	mg/kg	--	--	--	--	--	--	--	--	<0.00056	--	--	--	--	--
	1,3-Dichlorobenzene	EPA 8260	0.0473	CAL	mg/kg	--	--	--	--	--	--	--	--	<0.00056	--	--	--	--	--
	1,4-Dichlorobenzene	EPA 8260	0.1	BCL	mg/kg	--	--	--	--	--	--	--	--	<0.00056	--	--	--	--	--
	Dichlorodifluoromethane	EPA 8260	0.304	RSL	mg/kg	--	--	--	--	--	--	--	--	0.0011 UJ	--	--	--	--	--
	1,1-Dichloroethane	EPA 8260	1	BCL	mg/kg	--	--	--	--	--	--	--	--	<0.00056	--	--	--	--	--
	1,2-Dichloroethane	EPA 8260	0.001	BCL	mg/kg	--	--	--	--	--	--	--	--	<0.00056	--	--	--	--	--
	1,1-Dichloroethene	EPA 8260	0.003	BCL	mg/kg	--	--	--	--	--	--	--	--	<0.00056	--	--	--	--	--
	cis-1,2-Dichloroethene	EPA 8260	0.02	BCL	mg/kg	--	--	--	--	--	--	--	--	<0.00056	--	--	--	--	--
	trans-1,2-Dichloroethene	EPA 8260	0.03	BCL	mg/kg	--	--	--	--	--	--	--	--	<0.00056	--	--	--	--	--
1,2-Dichloropropane	EPA 8260	0.001	BCL	mg/kg	--	--	--	--	--	--	--	--	<0.00056	--	--	--	--	--	
1,3-Dichloropropane	EPA 8260	0.001	BCL	mg/kg	--	--	--	--	--	--	--	--	<0.00056	--	--	--	--	--	
2,2-Dichloropropane	EPA 8260			mg/kg	--	--	--	--	--	--	--	--	<0.0011	--	--	--	--	--	
1,1-Dichloropropene	EPA 8260			mg/kg	--	--	--	--	--	--	--	--	<0.00056	--	--	--	--	--	
cis-1,3-Dichloropropene	EPA 8260			mg/kg	--	--	--	--	--	--	--	--	<0.00056	--	--	--	--	--	

**TABLE A-2a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 3**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-11						RISB-12							
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	22.5-23 ft bgs	0.5-1 ft bgs	2.5-3 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	15-15.5 ft bgs	17.5-18 ft bgs
						RISB-11-0.5-20141217	RISB-11-5.0-20141217	RISB-11-10.0-20141217	RISB-11-10.0-20141217-FD	RISB-11-15.0-20141217	RISB-11-20.0-20141217	RISB-11-22.5-20141217	RISB-12-0.5-20141215	RISB-12-2.5-20141216	RISB-12-5.0-20141216	RISB-12-10.0-20141216	RISB-12-15.0-20141216	RISB-12-15.0-20141216-FD	RISB-12-17.5-20141216
VOCs	trans-1,3-Dichloropropene	EPA 8260			mg/kg	--	--	--	--	--	--	--	--	<0.00056	--	--	--	--	
	Diisopropyl ether	EPA 8260			mg/kg	--	--	--	--	--	--	--	--	<0.0011	--	--	--	--	
	Ethyl benzene	EPA 8260	0.7	BCL	mg/kg	--	--	--	--	--	--	--	--	<0.00056	--	--	--	--	
	Ethyl tert-butyl ether	EPA 8260			mg/kg	--	--	--	--	--	--	--	--	<0.0011	--	--	--	--	
	Hexachlorobutadiene	EPA 8260	0.1	BCL	mg/kg	--	--	--	--	--	--	--	--	<0.0011	--	--	--	--	
	2-Hexanone	EPA 8260			mg/kg	--	--	--	--	--	--	--	--	0.0056 UJ	--	--	--	--	
	Methyl tert-butyl ether	EPA 8260			mg/kg	--	--	--	--	--	--	--	--	<0.0011	--	--	--	--	
	Methylene chloride	EPA 8260	0.001	BCL	mg/kg	--	--	--	--	--	--	--	--	<0.0056	--	--	--	--	
	Naphthalene	EPA 8260	4	BCL	mg/kg	--	--	--	--	--	--	--	--	<0.0011	--	--	--	--	
	n-Propylbenzene	EPA 8260	1.22	RSL	mg/kg	--	--	--	--	--	--	--	--	<0.00056	--	--	--	--	
	Styrene	EPA 8260	0.2	BCL	mg/kg	--	--	--	--	--	--	--	--	<0.00056	--	--	--	--	
	1,1,1,2-Tetrachloroethane	EPA 8260	0.000218	RSL	mg/kg	--	--	--	--	--	--	--	--	<0.0011	--	--	--	--	
	1,1,2,2-Tetrachloroethane	EPA 8260	0.0002	BCL	mg/kg	--	--	--	--	--	--	--	--	<0.0011	--	--	--	--	
	Tetrachloroethene	EPA 8260	0.003	BCL	mg/kg	--	--	--	--	--	--	--	--	<0.00056	--	--	--	--	
	Toluene	EPA 8260	0.6	BCL	mg/kg	--	--	--	--	--	--	--	--	<0.00056	--	--	--	--	
	1,2,3-Trichlorobenzene	EPA 8260	0.0209	RSL	mg/kg	--	--	--	--	--	--	--	--	<0.0011	--	--	--	--	
	1,2,4-Trichlorobenzene	EPA 8260	0.3	BCL	mg/kg	--	--	--	--	--	--	--	--	<0.0011	--	--	--	--	
	1,1,1-Trichloroethane	EPA 8260	0.1	BCL	mg/kg	--	--	--	--	--	--	--	--	<0.00056	--	--	--	--	
	1,1,2-Trichloroethane	EPA 8260	0.0009	BCL	mg/kg	--	--	--	--	--	--	--	--	<0.00056	--	--	--	--	
	Trichloroethene	EPA 8260	0.003	BCL	mg/kg	--	--	--	--	--	--	--	--	<0.00056	--	--	--	--	
	Trichlorofluoromethane	EPA 8260	0.731	RSL	mg/kg	--	--	--	--	--	--	--	--	<0.0011	--	--	--	--	
	1,2,3-Trichloropropane	EPA 8260	0.00000323	RSL	mg/kg	--	--	--	--	--	--	--	--	<0.0011	--	--	--	--	
	1,2,4-Trimethylbenzene	EPA 8260	0.0212	RSL	mg/kg	--	--	--	--	--	--	--	--	<0.0011	--	--	--	--	
	1,3,5-Trimethylbenzene	EPA 8260	0.167	RSL	mg/kg	--	--	--	--	--	--	--	--	<0.0011	--	--	--	--	
	Vinyl chloride	EPA 8260	0.0007	BCL	mg/kg	--	--	--	--	--	--	--	--	<0.0011	--	--	--	--	
	m,p-Xylene	EPA 8260			mg/kg	--	--	--	--	--	--	--	--	<0.0011	--	--	--	--	
o-Xylene	EPA 8260	9	BCL	mg/kg	--	--	--	--	--	--	--	--	<0.00056	--	--	--	--		
1,2-Dibromo-3-chloropropane	EPA 8260	0.0000864	RSL	mg/kg	--	--	--	--	--	--	--	--	0.0022 UJ	--	--	--	--		
4-Methyl-2-pentanone	EPA 8260			mg/kg	--	--	--	--	--	--	--	--	<0.0028	--	--	--	--		
tert Butyl alcohol	EPA 8260			mg/kg	--	--	--	--	--	--	--	--	<0.011	--	--	--	--		
tert-Butylbenzene	EPA 8260	1.55	RSL	mg/kg	--	--	--	--	--	--	--	--	<0.0011	--	--	--	--		
SVOCs	Acenaphthene	EPA 8270	29	BCL	mg/kg	<0.070	<0.073	<0.072	<0.072	<0.072	<0.072	<0.072	<0.069	<3.7	--	<0.072	<0.071	<0.071	<0.072
	Acenaphthene	EPA 8270-SIM	29	BCL	mg/kg	<0.013	<0.0043	<0.0043	<0.0043	<0.0043	<0.0043	<0.0043	<0.0042	<0.22	--	<0.0042	<0.0042	<0.0041	<0.0042
	Aniline	EPA 8270	0.00456	RSL	mg/kg	<0.089	<0.092	<0.091	<0.092	<0.092	<0.091	<0.091	<0.087	<4.7	--	<0.091	<0.090	<0.090	<0.092
	Anthracene	EPA 8270	590	BCL	mg/kg	<0.084	<0.087	<0.086	<0.086	<0.086	<0.085	<0.086	<0.082	<4.5	--	<0.086	<0.085	<0.085	<0.086
	Anthracene	EPA 8270-SIM	590	BCL	mg/kg	<0.013	<0.0043	<0.0043	<0.0043	<0.0043	<0.0043	<0.0043	<0.0042	<0.22	--	<0.0042	<0.0042	<0.0041	<0.0042
	Benzidine	EPA 8270			mg/kg	<0.69 R	0.71 UJ	0.71 UJ	0.71 UJ	0.71 UJ	0.70 UJ	0.71 UJ	0.68 UJ	37 UJ	--	0.71 UJ	0.70 UJ	0.70 UJ	0.71 UJ
	Benzo(k)fluoranthene	EPA 8270	2	BCL	mg/kg	<0.073	<0.076	<0.075	<0.076	<0.075	<0.075	<0.075	<0.072	<3.9	--	<0.075	<0.074	<0.074	<0.076
	Benzo(k)fluoranthene	EPA 8270-SIM	2	BCL	mg/kg	<0.013	<0.0043	<0.0043	<0.0043	<0.0043	<0.0043	<0.0043	<0.0042	0.22 UJ	--	<0.0042	<0.0042	<0.0041	<0.0042
	Benzoic acid	EPA 8270	20	BCL	mg/kg	0.36 UJ	<0.37	<0.37	<0.37	<0.37	<0.36	<0.36	<0.35	<19	--	<0.36	<0.36	<0.36	<0.37
	Benzyl alcohol	EPA 8270	0.476	RSL	mg/kg	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.15	<8.3	--	<0.16	<0.16	<0.16	<0.16
	4-Bromophenyl-phenyl ether	EPA 8270			mg/kg	<0.079	<0.081	<0.081	<0.081	<0.081	<0.080	<0.080	<0.077	<4.2	--	<0.080	<0.080	<0.079	<0.081
	Butylbenzylphthalate	EPA 8270	810	BCL	mg/kg	<0.084	<0.087	<0.086	<0.086	<0.086	<0.085	<0.086	<0.082	<4.5	--	<0.086	<0.085	<0.085	<0.086
	4-Chloroaniline	EPA 8270	0.03	BCL	mg/kg	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<7.4	--	<0.14	<0.14	<0.14	<0.14
	2-Chloronaphthalene	EPA 8270	3.85	RSL	mg/kg	<0.070	<0.073	<0.072	<0.072	<0.072	<0.072	<0.072	<0.069	<3.7	--	<0.072	<0.071	<0.071	<0.072
	2-Chlorophenol	EPA 8270	0.2	BCL	mg/kg	<0.073	<0.076	<0.075	<0.076	<0.075	<0.075	<0.075	<0.072	<3.9	--	<0.075	<0.074	<0.074	<0.076
4-Chlorophenyl-phenyl ether	EPA 8270			mg/kg	<0.089	<0.092	<0.091	<0.092	<0.092	<0.091	<0.091	<0.087	<4.7	--	<0.091	<0.090	<0.090	<0.092	

**TABLE A-2a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 3**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-11						RISB-12							
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	22.5-23 ft bgs	0.5-1 ft bgs	2.5-3 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	15-15.5 ft bgs	17.5-18 ft bgs
						RISB-11-0.5-20141217	RISB-11-5.0-20141217	RISB-11-10.0-20141217	RISB-11-10.0-20141217-FD	RISB-11-15.0-20141217	RISB-11-20.0-20141217	RISB-11-22.5-20141217	RISB-12-0.5-20141215	RISB-12-2.5-20141216	RISB-12-5.0-20141216	RISB-12-10.0-20141216	RISB-12-15.0-20141216	RISB-12-15.0-20141216-FD	RISB-12-17.5-20141216
SVOCs	Chrysene	EPA 8270	8	BCL	mg/kg	<0.079	<0.081	<0.081	<0.081	<0.081	<0.080	<0.080	<0.077	<4.2	--	<0.080	<0.080	<0.079	<0.081
	Chrysene	EPA 8270-SIM	8	BCL	mg/kg	<0.013	<0.0043	<0.0043	<0.0043	<0.0043	<0.0043	<0.0043	<b>0.010 J</b>	<0.22	--	<0.0042	<0.0042	<0.0041	<0.0042
	Di-n-butylphthalate	EPA 8270	270	BCL	mg/kg	<0.094	<0.097	<0.097	<0.097	<0.097	<0.096	<0.097	<0.092	<5.0	--	<0.096	<0.096	<0.095	<0.097
	Di-n-octylphthalate	EPA 8270	56.5	RSL	mg/kg	<0.094	<0.097	<0.097	<0.097	<0.097	<0.096	<0.097	<0.092	<5.0	--	<0.096	<0.096	<0.095	<0.097
	Dibenz(a,h)anthracene	EPA 8270	0.08	BCL	mg/kg	<0.10	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.10	<5.6	--	<0.11	<0.11	<0.11	<0.11
	Dibenz(a,h)anthracene	EPA 8270-SIM	0.08	BCL	mg/kg	<0.013	<0.0043	<0.0043	<0.0043	<0.0043	<0.0043	<0.0043	<0.0042	0.22 UJ	--	<0.0042	<0.0042	<0.0041	<0.0042
	Dibenzofuran	EPA 8270	0.145	RSL	mg/kg	<0.070	<0.073	<0.072	<0.072	<0.072	<0.072	<0.072	<0.069	<3.7	--	<0.072	<0.071	<0.071	<0.072
	3,3'-Dichlorobenzidine	EPA 8270	0.0003	BCL	mg/kg	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.15	<8.3	--	<0.16	<0.16	<0.16	<0.16
	2,4-Dichlorophenol	EPA 8270	0.05	BCL	mg/kg	<0.070	<0.073	<0.072	<0.072	<0.072	<0.072	<0.072	<0.069	<3.7	--	<0.072	<0.071	<0.071	<0.072
	Diethylphthalate	EPA 8270	6.08	RSL	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.097	<5.3	--	<0.10	<0.10	<0.10	<0.10
	2,4-Dimethylphenol	EPA 8270	0.4	BCL	mg/kg	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.13	<7.2	--	<0.14	<0.14	<0.14	<0.14
	Dimethylphthalate	EPA 8270			mg/kg	<0.070	<0.073	<0.072	<0.072	<0.072	<0.072	<0.072	<0.069	<3.7	--	<0.072	<0.071	<0.071	<0.072
	2,4-Dinitrophenol	EPA 8270	0.01	BCL	mg/kg	0.35 UJ	<0.36	<0.36	<0.36	<0.36	<0.36	<0.35	<0.35	18 UJ	--	0.35 UJ	0.35 UJ	0.35 UJ	<0.36
	2,4-Dinitrotoluene	EPA 8270	0.00004	BCL	mg/kg	<0.084	<0.087	<0.086	<0.086	<0.086	<0.085	<0.086	<0.082	<4.5	--	<0.086	<0.085	<0.085	<0.086
	2,6-Dinitrotoluene	EPA 8270	0.00003	BCL	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.097	<5.3	--	<0.10	<0.10	<0.10	<0.10
	Fluoranthene	EPA 8270	210	BCL	mg/kg	<0.073	<0.076	<0.075	<0.076	<0.075	<0.075	<0.075	<0.072	<3.9	--	<0.075	<0.074	<0.074	<0.076
	Fluoranthene	EPA 8270-SIM	210	BCL	mg/kg	<0.013	<0.0043	<0.0043	<0.0043	<0.0043	<0.0043	<0.0043	<b>0.0099 J</b>	<0.22	--	<0.0042	<0.0042	<0.0041	<0.0042
	Fluorene	EPA 8270	28	BCL	mg/kg	<0.073	<0.076	<0.075	<0.076	<0.075	<0.075	<0.075	<0.072	<3.9	--	<0.075	<0.074	<0.074	<0.076
	Fluorene	EPA 8270-SIM	28	BCL	mg/kg	<0.013	<0.0043	<0.0043	<0.0043	<0.0043	<0.0043	<0.0043	<0.0042	<0.22	--	<0.0042	<0.0042	<0.0041	<0.0042
	Hexachlorobenzene	EPA 8270	0.1	BCL	mg/kg	<0.073	<0.076	<0.075	<0.076	<0.075	<0.075	<0.075	<b>0.17 J</b>	<3.9	--	<0.075	<0.074	<0.074	<0.076
	Hexachlorocyclopentadiene	EPA 8270	20	BCL	mg/kg	0.14 UJ	0.14 UJ	0.14 UJ	0.14 UJ	0.14 UJ	0.14 UJ	0.14 UJ	<0.14	7.4 UJ	--	0.14 UJ	0.14 UJ	0.14 UJ	0.14 UJ
	Hexachloroethane	EPA 8270	0.02	BCL	mg/kg	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<7.4	--	<0.14	<0.14	<0.14	<0.14
	Isophorone	EPA 8270	0.03	BCL	mg/kg	<0.070	<0.073	<0.072	<0.072	<0.072	<0.072	<0.072	<0.069	<3.7	--	<0.072	<0.071	<0.071	<0.072
	1-Methylnaphthalene	EPA 8270	0.00584	RSL	mg/kg	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.15	<8.3	--	<0.16	<0.16	<0.16	<0.16
	2-Methylnaphthalene	EPA 8270	0.185	RSL	mg/kg	<0.073	<0.076	<0.075	<0.076	<0.075	<0.075	<0.075	<0.072	<3.9	--	<0.075	<0.074	<0.074	<0.076
	2-Methylphenol	EPA 8270	0.8	BCL	mg/kg	<0.084	<0.087	<0.086	<0.086	<0.086	<0.085	<0.086	<0.082	<4.5	--	<0.086	<0.085	<0.085	<0.086
	3&4-Methylphenol	EPA 8270			mg/kg	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<7.4	--	<0.14	<0.14	<0.14	<0.14
	Naphthalene	EPA 8270	4	BCL	mg/kg	<0.070	<0.073	<0.072	<0.072	<0.072	<0.072	<0.072	<0.069	<3.7	--	<0.072	<0.071	<0.071	<0.072
	Naphthalene	EPA 8270-SIM	4	BCL	mg/kg	<0.013	<0.0043	<0.0043	<0.0043	<0.0043	<0.0043	<0.0043	<0.0042	<0.22	--	<0.0042	<0.0042	<0.0041	<0.0042
	2-Nitroaniline	EPA 8270	0.0801	RSL	mg/kg	<0.070	<0.073	<0.072	<0.072	<0.072	<0.072	<0.072	<0.069	<3.7	--	<0.072	<0.071	<0.071	<0.072
	3-Nitroaniline	EPA 8270			mg/kg	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<7.4	--	<0.14	<0.14	<0.14	<0.14
	4-Nitroaniline	EPA 8270	0.00158	RSL	mg/kg	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<7.4	--	<0.14	<0.14	<0.14	<0.14
	Nitrobenzene	EPA 8270	0.007	BCL	mg/kg	<0.073	<0.076	<0.075	<0.076	<0.075	<0.075	<0.075	<0.072	<3.9	--	<0.075	<0.074	<0.074	<0.076
	2-Nitrophenol	EPA 8270			mg/kg	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<7.4	--	<0.14	<0.14	<0.14	<0.14
	4-Nitrophenol	EPA 8270			mg/kg	0.15 UJ	0.15 UJ	0.15 UJ	0.15 UJ	0.15 UJ	<0.15	<0.15	<0.14	7.8 UJ	--	0.15 UJ	0.15 UJ	0.15 UJ	0.15 UJ
	n-Nitrosodiphenylamine	EPA 8270	0.06	BCL	mg/kg	<0.084	<0.087	<0.086	<0.086	<0.086	<0.085	<0.086	<0.082	<4.5	--	<0.086	<0.085	<0.085	<0.086
	Octachlorostyrene	EPA 8270			mg/kg	<2.4	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.4	<130	--	<2.5	<2.4	<2.4	<2.5
	Pentachlorophenol	EPA 8270	0.001	BCL	mg/kg	<0.36	<0.37	<0.37	<0.37	<0.37	<0.36	<0.36	0.35 UJ	<19	--	<0.36	<0.36	<0.36	<0.37
	Phenol	EPA 8270	5	BCL	mg/kg	<0.094	<0.097	<0.097	<0.097	<0.097	<0.096	<0.097	<0.092	<5.0	--	<0.096	<0.096	<0.095	<0.097
	Pyrene	EPA 8270	210	BCL	mg/kg	<0.084	<0.087	<0.086	<0.086	<0.086	<0.085	<0.086	<0.082	<4.5	--	<0.086	<0.085	<0.085	<0.086
	Pyrene	EPA 8270-SIM	210	BCL	mg/kg	<0.013	<0.0043	<0.0043	<0.0043	<0.0043	<0.0043	<0.0043	<b>0.0060 J</b>	<b>0.46 J</b>	--	<0.0042	<0.0042	<0.0041	<0.0042
	Pyridine	EPA 8270			mg/kg	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.15	<8.3	--	<0.16	<0.16	<0.16	<0.16
2,4,5-Trichlorophenol	EPA 8270	14	BCL	mg/kg	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.13	<7.2	--	<0.14	<0.14	<0.14	<0.14	
2,4,6-Trichlorophenol	EPA 8270	0.008	BCL	mg/kg	<0.079	<0.081	<0.081	<0.081	<0.081	<0.080	<0.080	<0.077	<4.2	--	<0.080	<0.080	<0.079	<0.081	
bis(2-Chloroethoxy)methane	EPA 8270	0.0135	RSL	mg/kg	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<7.4	--	<0.14	<0.14	<0.14	<0.14	
bis(2-Chloroethyl) ether	EPA 8270	0.00002	BCL	mg/kg	<0.073	<0.076	<0.075	<0.076	<0.075	<0.075	<0.075	<0.072	<3.9	--	<0.075	<0.074	<0.074	<0.076	
bis(2-Ethylhexyl)phthalate	EPA 8270	180	BCL	mg/kg	<0.094	<0.097	<0.097	<0.097	<0.097	<0.096	<0.097	<0.092	<5.0	--	<0.096	<0.096	<0.095	<0.097	
4-Chloro-3-methylphenol	EPA 8270	1.71	RSL	mg/kg	<0.073	<0.076	<0.075	<0.076	<0.075	<0.075	<0.075	<0.072	<3.9	--	<0.075	<0.074	<0.074	<0.076	

**TABLE A-2a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 3**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-11						RISB-12							
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	22.5-23 ft bgs	0.5-1 ft bgs	2.5-3 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	15-15.5 ft bgs	17.5-18 ft bgs
						RISB-11-0.5-20141217	RISB-11-5.0-20141217	RISB-11-10.0-20141217	RISB-11-10.0-20141217-FD	RISB-11-15.0-20141217	RISB-11-20.0-20141217	RISB-11-22.5-20141217	RISB-12-0.5-20141215	RISB-12-2.5-20141216	RISB-12-5.0-20141216	RISB-12-10.0-20141216	RISB-12-15.0-20141216	RISB-12-15.0-20141216-FD	RISB-12-17.5-20141216
SVOCs	n-Nitroso-di-n-propylamine	EPA 8270	0.000002	BCL	mg/kg	<0.073	<0.076	<0.075	<0.076	<0.075	<0.075	<0.075	<0.072	<3.9	--	<0.075	<0.074	<0.074	<0.076
Organo-phosphorus Pesticides	Atrazine	EPA 8141A			mg/kg	<0.013	<0.013	<0.013	<0.013	<0.013	<0.012	<0.013	<0.013	<0.15	--	<0.012	<0.013	<0.012	<0.013
	Chlorpyrifos	EPA 8141A	0.124	RSL	mg/kg	<0.0067	<0.0070	<0.0069	<0.0067	<0.0069	<0.0066	<0.0068	<0.0067	<0.082	--	<0.0066	<0.0068	<0.0066	<0.0069
	Coumaphos	EPA 8141A			mg/kg	<0.0029	<0.0030	<0.0030	<0.0029	<0.0030	<0.0028	<0.0029	<0.0029	<0.036	--	<0.0029	<0.0030	<0.0029	<0.0030
	Dasanit	EPA 8141A			mg/kg	<0.0085	<0.0088	<0.0087	<0.0084	<0.0087	<0.0083	<0.0086	<0.0084	<0.10	--	<0.0084	<0.0086	<0.0083	<0.0087
	Demeton (O + S)	EPA 8141A			mg/kg	<0.0078	<0.0081	<0.0081	<0.0078	<0.0081	<0.0076	<0.0079	<0.0078	<0.096	--	<0.0077	<0.0079	<0.0077	<0.0080
	Demeton-O	EPA 8141A			mg/kg	<0.0055	<0.0057	<0.0057	<0.0055	<0.0057	<0.0054	<0.0056	<0.0055	<0.067	--	<0.0054	<0.0056	<0.0054	<0.0056
	Demeton-S	EPA 8141A			mg/kg	<0.0050	<0.0053	<0.0052	<0.0050	<0.0052	<0.0049	<0.0051	<0.0050	<0.062	--	<0.0050	<0.0051	<0.0050	<0.0052
	Diazinon	EPA 8141A	0.0648	RSL	mg/kg	<0.0075	<0.0079	<0.0078	<0.0075	<0.0078	<0.0074	<0.0077	<0.0075	<0.093	--	<0.0075	<0.0077	<0.0074	<0.0077
	Dibrom	EPA 8141A			mg/kg	<0.023	<0.024	<0.024	<0.023	<0.024	<0.023	<0.024	<0.023	<0.29	--	<0.023	<0.024	<0.023	<0.024
	Dichlorovos	EPA 8141A	0.0000811	RSL	mg/kg	<0.0077	<0.0080	<0.0079	<0.0077	<0.0079	<0.0075	<0.0078	<0.0077	<0.094	--	<0.0076	<0.0078	<0.0076	<0.0079
	Dimethoate	EPA 8141A	0.000899	RSL	mg/kg	<0.0073	<0.0077	<0.0076	<0.0073	<0.0076	<0.0072	<0.0075	<0.0073	<0.090	--	<0.0073	<0.0075	<0.0073	<0.0075
	Disulfoton	EPA 8141A	0.000939	RSL	mg/kg	<0.0080	<0.0084	<0.0083	<0.0080	<0.0083	<0.0078	<0.0081	<0.0080	<0.098	--	<0.0079	<0.0082	<0.0079	<0.0082
	Ethoprop nitrophenyl benzenethiophosphate	EPA 8141A	0.00277	RSL	mg/kg	<0.0038	<0.0040	<0.0039	<0.0038	<0.0039	<0.0037	<0.0039	<0.0038	<0.047	--	<0.0038	<0.0039	<0.0038	<0.0039
	Famphur	EPA 8141A			mg/kg	<0.0033	<0.0035	<0.0034	<0.0033	<0.0035	<0.0033	<0.0034	<0.0033	<0.041	--	<0.0033	<0.0034	<0.0033	<0.0034
	Fenthion	EPA 8141A			mg/kg	<0.0091	<0.0095	<0.0094	<0.0090	<0.0094	<0.0089	<0.0092	<0.0091	<0.11	--	<0.0090	<0.0092	<0.0090	<0.0093
	Guthion	EPA 8141A			mg/kg	<0.0036	<0.0038	<0.0037	<0.0036	<0.0038	<0.0036	<0.0037	<0.0036	<0.045	--	<0.0036	<0.0037	<0.0036	<0.0037
	Malathion	EPA 8141A	0.102	RSL	mg/kg	<0.0048	<0.0050	<0.0050	<0.0048	<0.0050	<0.0047	<0.0049	<0.0048	<0.059	--	<0.0048	<0.0049	<0.0048	<0.0049
	Merphos	EPA 8141A	0.059	RSL	mg/kg	<0.0053	<0.0056	<0.0055	<0.0053	<0.0055	<0.0052	<0.0054	<0.0053	<0.065	--	<0.0053	<0.0054	<0.0053	<0.0055
	Methyl parathion	EPA 8141A	7.41	RSL	µg/kg	<6.6	<6.9	<6.8	<6.6	<6.8	<6.5	<6.7	<6.6	<81	--	<6.5	<6.7	<6.5	<6.8
	Mevinphos	EPA 8141A			mg/kg	<0.0048	<0.0050	<0.0049	<0.0048	<0.0050	<0.0047	<0.0049	<0.0048	<0.059	--	<0.0047	<0.0049	<0.0047	<0.0049
Parathion	EPA 8141A	432	RSL	µg/kg	<5.5	<5.7	<5.7	<5.5	<5.7	<5.4	<5.6	<5.5	<67	--	<5.4	<5.6	<5.4	<5.6	
Phorate	EPA 8141A	0.00338	RSL	mg/kg	<0.0059	<0.0062	<0.0061	<0.0059	<0.0061	<0.0058	<0.0060	<0.0059	<0.073	--	<0.0058	<0.0060	<0.0058	<0.0061	
Prothiophos	EPA 8141A			mg/kg	<0.0041	<0.0042	<0.0042	<0.0040	<0.0042	<0.0040	<0.0041	<0.0041	<0.050	--	<0.0040	<0.0041	<0.0040	<0.0042	
Ronnel	EPA 8141A	3.7	RSL	mg/kg	<0.016	<0.016	<0.016	<0.016	<0.016	<0.015	<0.016	<0.016	<0.19	--	<0.016	<0.016	<0.016	<0.016	
Simazine	EPA 8141A			mg/kg	<0.023	<0.024	<0.024	<0.023	<0.024	<0.022	<0.023	<0.023	<0.28	--	<0.023	<0.023	<0.023	<0.024	
Stirophos	EPA 8141A			mg/kg	<0.0045	<0.0047	<0.0047	<0.0045	<0.0047	<0.0044	<0.0046	<0.0045	<0.055	--	<0.0045	<0.0046	<0.0045	<0.0046	
Sulfotepp	EPA 8141A			mg/kg	<0.0065	<0.0068	<0.0067	<0.0065	<0.0067	<0.0063	<0.0066	<0.0065	<0.080	--	<0.0064	<0.0066	<0.0064	<0.0067	
Sulprofos	EPA 8141A			mg/kg	<0.0044	<0.0046	<0.0045	<0.0044	<0.0045	<0.0043	<0.0045	<0.0044	<0.054	--	<0.0043	<0.0045	<0.0043	<0.0045	
Thionazin	EPA 8141A			mg/kg	<0.0058	<0.0060	<0.0060	<0.0058	<0.0060	<0.0056	<0.0059	<0.0058	<0.071	--	<0.0057	<0.0059	<0.0057	<0.0059	
o-Ethyl o-2,4,5-trichlorophenyl ethyl-phosphonothioate	EPA 8141A			mg/kg	<0.0065	<0.0068	<0.0067	<0.0065	<0.0067	<0.0063	<0.0066	<0.0065	<0.080	--	<0.0064	<0.0066	<0.0064	<0.0067	
Organo-chlorine Pesticides	Aldrin	EPA 8081	0.02	BCL	mg/kg	<0.0047	<0.0016	<0.0016	<0.0016	<0.0016	<0.0016	<0.0016	<0.0016	0.0083 UJ	--	<0.0016	0.0016 UJ	0.0016 UJ	<0.0016
	alpha-BHC	EPA 8081	0.0266	BCL	mg/kg	<0.0047	<0.0016	<0.0016	<0.0016	<0.0016	<0.0016	<0.0016	<0.0016	0.0083 UJ	--	<0.0016	0.0016 UJ	0.0016 UJ	<0.0016
	beta-BHC	EPA 8081	0.00545	BCL	mg/kg	<0.0047	<0.0016	<0.0016	<0.0016	<b>0.0019 J</b>	<0.0016	<b>0.0019 J</b>	<b>0.048 J</b>	0.0083 UJ	--	<0.0016	0.0016 UJ	0.0016 UJ	<0.0016
	delta-BHC	EPA 8081	28.1	BCL	mg/kg	<0.0047	<0.0016	<0.0016	<0.0016	<0.0016	<0.0016	<0.0016	<0.0016	0.0083 UJ	--	<0.0016	0.0016 UJ	0.0016 UJ	<0.0016
	gamma-BHC	EPA 8081	0.0005	BCL	mg/kg	<0.0047	<0.0016	<0.0016	<0.0016	<0.0016	<0.0016	<0.0016	<0.0016	0.0083 UJ	--	<0.0016	0.0016 UJ	0.0016 UJ	<0.0016
	alpha-Chlordane	EPA 8081			mg/kg	<0.0063	<0.0022	<0.0021	<0.0022	<0.0021	<0.0021	<0.0021	<0.0021	0.011 UJ	--	<0.0021	0.0021 UJ	0.0021 UJ	<0.0022
	gamma-Chlordane	EPA 8081			mg/kg	<0.0047	<0.0016	<0.0016	<0.0016	<0.0016	<0.0016	<0.0016	<0.0016	0.0083 UJ	--	<0.0016	0.0016 UJ	0.0016 UJ	<0.0016
	4,4'-DDD	EPA 8081	0.8	BCL	mg/kg	<0.0047	<0.0016	<0.0016	<0.0016	<0.0016	<0.0016	<0.0016	<0.0016	0.0083 UJ	--	<0.0016	0.0016 UJ	0.0016 UJ	<0.0016
	2,4'-DDE	EPA 8081			mg/kg	<0.0047	<0.0016	<0.0016	<0.0016	<0.0016	<0.0016	<0.0016	<0.0016	0.0083 UJ	--	<0.0016	0.0016 UJ	0.0016 UJ	<0.0016
	4,4'-DDE	EPA 8081	3	BCL	mg/kg	<0.0047	<0.0016	<0.0016	<0.0016	<0.0016	<0.0016	<0.0016	<0.0016	0.0083 UJ	--	<0.0016	0.0016 UJ	0.0016 UJ	<0.0016
	4,4'-DDT	EPA 8081	2	BCL	mg/kg	<0.0047	<0.0016	<0.0016	<0.0016	<0.0016	<0.0016	<0.0016	<0.0016	0.0083 UJ	--	<0.0016	0.0016 UJ	0.0016 UJ	<0.0016
	Dieldrin	EPA 8081	0.0002	BCL	mg/kg	<0.0047	<0.0016	<0.0016	<0.0016	<0.0016	<0.0016	<0.0016	<0.0016	0.0083 UJ	--	<0.0016	0.0016 UJ	0.0016 UJ	<0.0016
	Endosulfan I	EPA 8081			mg/kg	<0.0047	<0.0016	<0.0016	<0.0016	<0.0016	<0.0016	<0.0016	<0.0016	0.0083 UJ	--	<0.0016	0.0016 UJ	0.0016 UJ	<0.0016
	Endosulfan II	EPA 8081			mg/kg	<0.0047	<0.0016	<0.0016	<0.0016	<0.0016	<0.0016	<0.0016	<0.0016	0.0083 UJ	--	<0.0016	0.0016 UJ	0.0016 UJ	<0.0016
Endosulfan sulfate	EPA 8081			mg/kg	<0.0063	<0.0022	<0.0021	<0.0022	<0.0021	<0.0021	<0.0021	<0.0021	0.011 UJ	--	<0.0021	0.0021 UJ	0.0021 UJ	<0.0022	

**TABLE A-2a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 3**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-11							RISB-12						
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	22.5-23 ft bgs	0.5-1 ft bgs	2.5-3 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	15-15.5 ft bgs	17.5-18 ft bgs
						RISB-11-0.5-20141217	RISB-11-5.0-20141217	RISB-11-10.0-20141217	RISB-11-10.0-20141217-FD	RISB-11-15.0-20141217	RISB-11-20.0-20141217	RISB-11-22.5-20141217	RISB-12-0.5-20141215	RISB-12-2.5-20141216	RISB-12-5.0-20141216	RISB-12-10.0-20141216	RISB-12-15.0-20141216	RISB-12-15.0-20141216-FD	RISB-12-17.5-20141216
Organo-chlorine Pesticides	Endrin	EPA 8081	0.05	BCL	mg/kg	<0.0047	<0.0016	<0.0016	<0.0016	<0.0016	<0.0016	<0.0016	<0.0016	0.0083 UJ	--	<0.0016	0.0016 UJ	0.0016 UJ	<0.0016
	Endrin aldehyde	EPA 8081			mg/kg	<0.0047	<0.0016	<0.0016	<0.0016	<0.0016	<0.0016	<0.0016	<0.0016	0.0083 UJ	--	<0.0016	0.0016 UJ	0.0016 UJ	<0.0016
	Endrin ketone	EPA 8081			mg/kg	<0.0063	<0.0022	<0.0021	<0.0022	<0.0021	<0.0021	<0.0021	<0.0021	0.011 UJ	--	<0.0021	0.0021 UJ	0.0021 UJ	<0.0022
	Heptachlor	EPA 8081	1	BCL	mg/kg	<0.0063	<0.0022	<0.0021	<0.0022	<0.0021	<0.0021	<0.0021	<0.0021	0.011 UJ	--	<0.0021	0.0021 UJ	0.0021 UJ	<0.0022
	Heptachlor epoxide	EPA 8081	0.03	BCL	mg/kg	<0.0063	<0.0022	<0.0021	<0.0022	<0.0021	<0.0021	<0.0021	<0.0021	0.011 UJ	--	<0.0021	0.0021 UJ	0.0021 UJ	<0.0022
	Methoxychlor	EPA 8081	8	BCL	mg/kg	<0.0047	<0.0016	<0.0016	<0.0016	<0.0016	<0.0016	<0.0016	<0.0016	0.0083 UJ	--	<0.0016	0.0016 UJ	0.0016 UJ	<0.0016
	Toxaphene	EPA 8081	2	BCL	mg/kg	<0.16	<0.054	<0.054	<0.054	<0.054	<0.053	<0.053	<0.052	0.28 UJ	--	<0.053	0.054 UJ	0.053 UJ	<0.054
PAHs	Acenaphthylene	EPA 8270	0.0106	CAL	mg/kg	<0.073	<0.076	<0.075	<0.076	<0.075	<0.075	<0.075	<0.072	<3.9	--	<0.075	<0.074	<0.074	<0.076
	Acenaphthylene	EPA 8270-SIM	0.0106	CAL	mg/kg	<0.013	<0.0043	<0.0043	<0.0043	<0.0043	<0.0043	<0.0043	<0.0042	<0.22	--	<0.0042	<0.0042	<0.0041	<0.0042
	Benzo(a)anthracene	EPA 8270	0.08	BCL	mg/kg	<0.073	<0.076	<0.075	<0.076	<0.075	<0.075	<0.075	<0.072	<3.9	--	<0.075	<0.074	<0.074	<0.076
	Benzo(a)anthracene	EPA 8270-SIM	0.08	BCL	mg/kg	<0.013	<0.0043	<0.0043	<0.0043	<0.0043	<0.0043	<0.0043	<b>0.0048 J</b>	<0.22	--	<0.0042	<0.0042	<0.0041	<0.0042
	Benzo(a)pyrene	EPA 8270	0.4	BCL	mg/kg	<0.070	<0.073	<0.072	<0.072	<0.072	<0.072	<0.072	<0.069	<3.7	--	<0.072	<0.071	<0.071	<0.072
	Benzo(a)pyrene	EPA 8270-SIM	0.4	BCL	mg/kg	<0.013	<0.0043	<0.0043	<0.0043	<0.0043	<0.0043	<0.0043	<b>0.0052 J</b>	0.22 UJ	--	<0.0042	<0.0042	<0.0041	<0.0042
	Benzo(b)fluoranthene	EPA 8270	0.2	BCL	mg/kg	<0.073	<0.076	<0.075	<0.076	<0.075	<0.075	<0.075	<0.072	<3.9	--	<0.075	<0.074	<0.074	<0.076
	Benzo(b)fluoranthene	EPA 8270-SIM	0.2	BCL	mg/kg	<0.013	<0.0043	<0.0043	<0.0043	<0.0043	<0.0043	<0.0043	<b>0.012 J</b>	0.22 UJ	--	<0.0042	<0.0042	<0.0041	<0.0042
	Benzo(g,h,i)perylene	EPA 8270			mg/kg	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	0.11 UJ	<6.1	--	<0.12	<0.12	<0.12	<0.12
	Benzo(g,h,i)perylene	EPA 8270-SIM			mg/kg	<0.013	<0.0043	<0.0043	<0.0043	<0.0043	<0.0043	<0.0043	<b>0.0074 J</b>	0.22 UJ	--	<0.0042	<0.0042	<0.0041	<0.0042
	Indeno(1,2,3-cd)pyrene	EPA 8270	0.7	BCL	mg/kg	<0.14	<0.14	<0.14	<0.14	<0.14	0.14 UJ	0.14 UJ	<0.13	<7.2	--	<0.14	<0.14	<0.14	<0.14
	Indeno(1,2,3-cd)pyrene	EPA 8270-SIM	0.7	BCL	mg/kg	<0.013	<0.0043	<0.0043	<0.0043	<0.0043	<0.0043	<0.0043	<b>0.0050 J</b>	0.22 UJ	--	<0.0042	<0.0042	<0.0041	<0.0042
Phenanthrene	EPA 8270	0.0243	CAL	mg/kg	<0.070	<0.073	<0.072	<0.072	<0.072	<0.072	<0.072	<0.069	<3.7	--	<0.072	<0.071	<0.071	<0.072	
Phenanthrene	EPA 8270-SIM	0.0243	CAL	mg/kg	<0.013	<0.0043	<0.0043	<0.0043	<0.0043	<0.0043	<0.0043	<b>0.0052 J</b>	<0.22	--	<0.0042	<0.0042	<0.0041	<0.0042	
PCBs	Aroclor-1260	EPA 8082	0.00549	RSL	mg/kg	<0.054	<0.018	<0.018	<0.018	<0.018	<0.018	<0.018	<0.018	<b>0.061</b>	--	<0.018	<0.018	<0.018	<0.018
	PCB-001	EPA 1668A			pg/g	<1.6	<b>19 J</b>	<b>99</b>	<b>91</b>	<b>73</b>	<b>110</b>	<b>70</b>	<b>56 J</b>	<14	--	<b>1.2 J</b>	<b>10 J</b>	<b>7.4 J</b>	<b>14 J</b>
	PCB-002	EPA 1668A			pg/g	<1.6	<0.43	<b>0.96 J</b>	0.74 UJ	<0.99	<b>3.3 J</b>	<b>1.5 J</b>	<b>57 J</b>	<b>53 J</b>	--	<0.29	<b>1.1 J</b>	<b>0.91 J</b>	<b>4.1 J</b>
	PCB-003	EPA 1668A			pg/g	<1.7	<b>0.64 J</b>	<b>1.4 J</b>	0.82 UJ	<b>5.5 J</b>	<b>14 J</b>	<b>6.1 J</b>	<b>80 J</b>	<b>21 J</b>	--	<b>1.1 J</b>	<b>4.2 J</b>	<b>3.9 J</b>	<b>4.9 J</b>
	PCB-004	EPA 1668A			pg/g	<22	<b>51</b>	<b>190</b>	<b>170</b>	<b>180</b>	<b>360</b>	<b>280</b>	<18	<b>250</b>	--	<b>19 J</b>	<b>170</b>	<b>140</b>	<b>310</b>
	PCB-005	EPA 1668A			pg/g	<19	<1.7	<1.3	<1.7	<1.4	<b>22</b>	<3.4	<20	<49	--	<3.6	<4.4	<4.3	<5.3
	PCB-006	EPA 1668A			pg/g	<19	<b>3.6 J</b>	<b>17 J</b>	<b>14 J</b>	<b>22</b>	<b>120</b>	<b>88</b>	<20	<49	--	<3.6	<b>18 J</b>	<b>14 J</b>	<b>31</b>
	PCB-007	EPA 1668A			pg/g	<18	<1.7	<1.3	<1.6	<1.4	<4.6	<3.3	<19	<47	--	<3.4	<4.3	<4.2	<5.1
	PCB-008	EPA 1668A			pg/g	<18	<b>15 J</b>	<b>27</b>	<b>23</b>	<b>66</b>	<b>720</b>	<b>580</b>	<b>88 J</b>	<46	--	<3.4	<b>100</b>	<b>82</b>	<b>350</b>
	PCB-009	EPA 1668A			pg/g	<20	<1.9	<1.4	<1.8	<1.6	<b>68</b>	<b>30</b>	<21	<52	--	<3.8	<4.8	<4.7	<5.7
	PCB-010	EPA 1668A			pg/g	<16	<1.9	<b>3.9 J</b>	<b>3.9 J</b>	<b>5.0 J</b>	<b>7.4 J</b>	<b>5.9 J</b>	<13	<33	--	<5.7	<5.1	<6.1	<7.5
	PCB-011	EPA 1668A			pg/g	<21	<b>26 J</b>	<b>23 J</b>	<b>28 J</b>	<b>31 J</b>	<b>22 J</b>	<b>31 J</b>	<22	<b>490</b>	--	<b>68 J</b>	<b>61 J</b>	<b>60 J</b>	<b>64 J</b>
	PCB-014	EPA 1668A			pg/g	<17	<1.6	<1.2	<1.5	<1.3	<4.4	<3.1	<18	<45	--	<3.3	<4.1	<4.0	<4.9
	PCB-015	EPA 1668A			pg/g	<25	<2.9	<2.1	<2.6	<2.3	<7.6	<6.0	<b>450</b>	<73	--	<4.8	<5.9	<6.3	<8.0
	PCB-016	EPA 1668A			pg/g	<3.0	<0.53	<0.40	<0.50	<b>0.72 J</b>	<b>31</b>	<b>79</b>	<b>47 J</b>	<b>74 J</b>	--	<0.59	<b>8.6 J</b>	<b>7.9 J</b>	<b>37</b>
	PCB-017	EPA 1668A			pg/g	<b>2.4 J</b>	<0.42	<0.32	<0.40	<0.32	<b>9.4 J</b>	<b>16 J</b>	<b>25 J</b>	<b>79 J</b>	--	<0.47	<b>1.8 J</b>	<b>1.9 J</b>	<b>9.8 J</b>
	PCB-019	EPA 1668A			pg/g	<2.4	<b>0.40 J</b>	<b>2.9 J</b>	<b>2.9 J</b>	<b>2.9 J</b>	<b>19 J</b>	<b>22</b>	<b>12 J</b>	<b>120</b>	--	<0.51	<b>5.0 J</b>	<b>4.1 J</b>	<b>9.0 J</b>
	PCB-022	EPA 1668A			pg/g	<3.0	<0.46	<0.28	<0.42	<0.35	<0.41	<0.48	<b>410</b>	<b>40 J</b>	--	<0.54	<0.46	<0.42	<b>0.74 J</b>
	PCB-023	EPA 1668A			pg/g	<2.4	<0.37	<0.22	<0.34	<0.28	<0.33	<0.38	<25	<22	--	<0.43	<0.37	<0.34	<0.48
	PCB-024	EPA 1668A			pg/g	<1.9	<0.34	<0.26	<0.32	<0.26	<0.93	<1.3	<b>5.3 J</b>	<17	--	<0.38	<0.46	<0.52	<1.0
PCB-025	EPA 1668A			pg/g	<2.5	<0.38	<0.23	<0.35	<0.29	<0.33	<0.39	<26	<23	--	<0.45	<0.38	<0.35	<0.50	
PCB-027	EPA 1668A			pg/g	<1.9	<0.33	<0.25	<0.31	<0.25	<0.90	<b>3.8 J</b>	<b>14 J</b>	<b>25 J</b>	--	<0.37	<0.44	<0.50	<b>1.7 J</b>	
PCB-031	EPA 1668A			pg/g	<b>6.5 J</b>	<0.38	<0.23	<0.35	<b>1.0 J</b>	<b>1.5 J</b>	<b>1.4 J</b>	<b>300</b>	<b>140 J</b>	--	<0.45	<b>0.77 J</b>	<b>0.40 J</b>	<b>1.2 J</b>	
PCB-032	EPA 1668A			pg/g	<1.5	<0.26	<0.20	<0.25	<0.20	<b>1.4 J</b>	<b>4.3 J</b>	<b>72 J</b>	<b>33 J</b>	--	<0.30	<0.36	<0.40	<b>2.8 J</b>	
PCB-034	EPA 1668A			pg/g	<2.7	<0.41	<0.25	<0.37	<0.31	<0.36	<0.42	<28	<24	--	<0.48	<0.41	<0.37	<0.54	
PCB-035	EPA 1668A			pg/g	<3.1	<0.47	<0.28	<0.43	<0.36	<0.42	<0.49	<32	<b>47 J</b>	--	<0.55	0.47 UJ	<b>0.93 J</b>	<0.62	
PCB-036	EPA 1668A			pg/g	<2.9	<0.44	<0.26	<0.39	<0.33	<0.38	<0.45	<29	<b>50 J</b>	--	<b>0.64 J</b>	<b>0.78 J</b>	<b>0.80 J</b>	<b>1.2 J</b>	
PCB-037	EPA 1668A			pg/g	<b>5.2 J</b>	<0.82	<0.46	<0.70	<0.58	<0.67	<0.94	<b>660</b>	<b>93 J</b>	--	<0.71	<0.60	<0.60	<b>1.8 J</b>	



**TABLE A-2a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 3**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-11							RISB-12						
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	22.5-23 ft bgs	0.5-1 ft bgs	2.5-3 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	15-15.5 ft bgs	17.5-18 ft bgs
						RISB-11-0.5-20141217	RISB-11-5.0-20141217	RISB-11-10.0-20141217	RISB-11-10.0-20141217-FD	RISB-11-15.0-20141217	RISB-11-20.0-20141217	RISB-11-22.5-20141217	RISB-12-0.5-20141215	RISB-12-2.5-20141216	RISB-12-5.0-20141216	RISB-12-10.0-20141216	RISB-12-15.0-20141216	RISB-12-15.0-20141216-FD	RISB-12-17.5-20141216
PCBs	PCB-038	EPA 1668A			pg/g	<3.1	<0.47	<0.28	<0.43	<0.36	<0.41	<0.49	<32	<28	--	<0.55	<0.47	<0.43	<0.62
	PCB-039	EPA 1668A			pg/g	<2.8	<0.42	<0.25	<0.38	<0.32	<0.37	<0.43	<28	<25	--	<0.49	<0.42	<0.38	<0.55
	PCB-041	EPA 1668A			pg/g	<1.8	<0.30	<0.18	<0.22	<0.21	<0.23	<0.27	110 J	22 J	--	<0.35	<0.33	<0.36	<0.44
	PCB-042	EPA 1668A			pg/g	<1.4	<0.24	<0.14	<0.17	<0.16	<0.18	<0.21	280	36 J	--	<0.28	<0.26	<0.29	0.56 J
	PCB-043	EPA 1668A			pg/g	<1.7	<0.29	<0.18	<0.21	<0.20	<0.22	<0.26	60 J	<7.9	--	<0.34	<0.32	<0.35	<0.43
	PCB-045	EPA 1668A			pg/g	<1.7	<0.29	<0.18	<0.21	<0.20	<0.22	<0.26	130 J	30 J	--	<0.34	<0.32	<0.35	<0.42
	PCB-046	EPA 1668A			pg/g	<1.7	<0.29	<0.17	<0.21	<0.20	<0.22	<0.26	53 J	15 J	--	<0.34	<0.32	<0.34	<0.42
	PCB-048	EPA 1668A			pg/g	<1.5	<0.24	<0.15	<0.18	<0.17	<0.18	<0.22	160 J	31 J	--	<0.29	<0.27	<0.29	0.43 J
	PCB-051	EPA 1668A			pg/g	<1.3	<0.22	<0.14	<0.16	0.29 J	<0.17	<0.20	38 J	23 J	--	<0.26	<0.25	<0.27	<0.33
	PCB-052	EPA 1668A			pg/g	6.1 J	0.51 J	0.43 J	0.19 UJ	0.82 J	0.55 J	0.94 J	1,700	620	--	0.82 J	1.0 J	1.1 J	4.6 J
	PCB-054	EPA 1668A			pg/g	<0.93	<0.15	<0.091	<0.17	<0.10	<0.13	<0.12	2.9 J	110	--	<0.23	<0.21	<0.22	<0.31
	PCB-055	EPA 1668A			pg/g	<2.1	<0.35	<0.18	<0.31	<0.20	<0.29	<0.28	<30	<12	--	<0.32	<0.30	<0.34	<0.46
	PCB-056	EPA 1668A			pg/g	<2.6	<0.42	<0.21	<0.37	<0.23	<0.35	1.1 J	700	78 J	--	<0.38	0.83 J	0.41 UJ	2.6 J
	PCB-057	EPA 1668A			pg/g	<2.4	<0.39	<0.20	<0.34	<0.22	<0.32	<0.32	240 J	<13	--	<0.35	<0.33	<0.38	<0.51
	PCB-058	EPA 1668A			pg/g	<2.4	<0.38	<0.19	<0.34	<0.22	<0.32	<0.31	<33	<13	--	<0.35	<0.33	<0.38	<0.51
	PCB-060	EPA 1668A			pg/g	<2.3	<0.38	<0.19	<0.33	<0.21	<0.32	<0.31	500	37 J	--	<0.34	<0.32	<0.37	0.55 J
	PCB-063	EPA 1668A			pg/g	<2.2	<0.36	<0.18	<0.32	<0.20	<0.30	<0.30	<31	<13	--	<0.33	<0.31	<0.35	<0.48
	PCB-064	EPA 1668A			pg/g	2.3 J	<0.16	<0.10	<0.12	<0.11	<0.12	0.16 J	530	71 J	--	<0.19	0.27 J	0.20 UJ	1.1 J
	PCB-066	EPA 1668A			pg/g	5.2 J	<0.43	<0.22	<0.38	0.25 J	<0.36	<0.35	1,300	160	--	<0.39	0.37 UJ	0.47 J	3.1 J
	PCB-067	EPA 1668A			pg/g	<2.2	<0.36	<0.18	<0.31	<0.20	<0.30	<0.29	<31	<12	--	<0.32	<0.31	<0.35	<0.47
	PCB-068	EPA 1668A			pg/g	<2.2	<0.35	<0.18	<0.31	<0.20	<0.30	<0.29	<31	<12	--	<0.32	<0.30	<0.35	<0.46
	PCB-072	EPA 1668A			pg/g	<2.3	<0.37	<0.19	<0.33	<0.21	<0.31	<0.30	<32	<13	--	<0.34	<0.32	<0.36	<0.49
	PCB-073	EPA 1668A			pg/g	<1.1	<0.18	<0.11	<0.13	<0.13	<0.14	<0.17	<2.3	<5.0	--	<0.22	<0.20	<0.22	<0.27
	PCB-077	EPA 1668A			pg/g	<3.9	<0.78	<0.39	<0.65	<0.43	<0.62	<0.74	320	26	--	<0.51	<0.49	<0.62	1.3 J
	PCB-078	EPA 1668A			pg/g	<2.7	<0.43	<0.22	<0.38	<0.24	<0.36	<0.35	<38	<15	--	<0.39	<0.37	<0.42	<0.57
	PCB-079	EPA 1668A			pg/g	<2.5	<0.40	<0.20	<0.35	<0.23	<0.34	<0.33	<35	28 J	--	<0.36	<0.34	<0.39	<0.53
	PCB-080	EPA 1668A			pg/g	<2.2	<0.36	<0.18	<0.31	<0.20	<0.30	<0.29	<31	<12	--	<0.32	<0.31	<0.35	<0.47
	PCB-081	EPA 1668A	61.8	RSL	pg/g	<3.4	<0.67	<0.34	<0.58	<0.37	<0.55	<0.62	<47	<13	--	<0.45	<0.44	<0.56	<0.75
	PCB-082	EPA 1668A			pg/g	<3.8	<0.66	<0.30	<0.47	<0.42	<0.43	<0.51	<320	84 J	--	<0.39	<0.33	<0.45	<0.88
	PCB-083	EPA 1668A			pg/g	<4.2	<0.73	<0.33	<0.52	<0.46	<0.48	<0.56	<350	75 J	--	<0.43	<0.36	<0.50	<0.98
	PCB-084	EPA 1668A			pg/g	<3.8	<0.67	<0.30	<0.48	<0.42	<0.44	<0.51	890	280	--	<0.39	<0.33	<0.46	1.4 J
	PCB-089	EPA 1668A			pg/g	<3.6	<0.63	<0.29	<0.45	<0.40	<0.41	<0.48	<300	<61	--	<0.37	<0.31	<0.43	<0.84
PCB-092	EPA 1668A			pg/g	<3.4	<0.59	<0.27	<0.42	<0.37	<0.39	<0.45	1,900	430	--	<0.35	0.29 UJ	0.49 J	3.6 J	
PCB-094	EPA 1668A			pg/g	<3.4	<0.60	<0.27	<0.43	<0.38	<0.39	<0.46	<290	<58	--	<0.35	<0.29	<0.41	<0.80	
PCB-095	EPA 1668A			pg/g	5.7 J	<0.58	<0.26	<0.42	<0.37	<0.38	<0.45	13,000	3,400	--	8.4 J	2.7 J	3.2 J	23	
PCB-096	EPA 1668A			pg/g	<1.5	<0.25	<0.16	<0.19	<0.14	<0.22	<0.30	24 J	13 J	--	<0.16	<0.11	<0.15	<0.25	
PCB-099	EPA 1668A			pg/g	<3.0	<0.52	<0.24	<0.37	<0.33	<0.34	<0.40	690	260	--	<0.30	<0.25	<0.35	1.6 J	
PCB-103	EPA 1668A			pg/g	<3.0	<0.53	<0.24	<0.38	<0.34	<0.35	<0.41	<250	<51	--	<0.31	<0.26	<0.36	<0.71	
PCB-104	EPA 1668A			pg/g	<1.1	<0.18	<0.11	<0.14	<0.10	<0.16	<0.20	4.9 J	<3.3	--	<0.15	<0.098	<0.12	<0.20	
PCB-105	EPA 1668A			pg/g	4.8 J	<0.53	<0.25	<0.38	<0.33	<0.36	<0.43	880	310	--	<0.28	0.25 UJ	0.35 J	2.2	
PCB-106	EPA 1668A			pg/g	<2.7	<0.47	<0.21	<0.33	<0.29	<0.31	<0.36	<220	<45	--	<0.27	<0.23	<0.32	<0.62	
PCB-109	EPA 1668A			pg/g	<2.4	<0.42	<0.19	<0.30	<0.27	<0.27	<0.32	220 J	62 J	--	<0.25	<0.21	<0.29	<0.56	
PCB-111	EPA 1668A			pg/g	<2.3	<0.39	<0.18	<0.28	<0.25	<0.26	<0.30	<190	<38	--	<0.23	<0.19	<0.27	<0.53	
PCB-112	EPA 1668A			pg/g	<2.3	<0.41	<0.19	<0.29	<0.26	<0.27	<0.31	<200	<39	--	<0.24	<0.20	<0.28	<0.54	
PCB-114	EPA 1668A			pg/g	<2.8	<0.50	<0.23	<0.36	<0.32	<0.33	<0.41	<240	<39	--	<0.27	<0.23	<0.33	<0.65	
PCB-118	EPA 1668A	1,010	RSL	pg/g	6.1 J	<0.48	<0.22	<0.33	<0.30	<0.31	<0.37	5,400	1,200	--	0.60 J	1.3 J	1.7 J	12	
PCB-120	EPA 1668A			pg/g	<2.4	<0.41	<0.19	<0.30	<0.26	<0.27	<0.32	<200	100 J	--	<0.24	<0.20	<0.28	<0.55	
PCB-121	EPA 1668A			pg/g	<2.3	<0.40	<0.18	<0.29	<0.25	<0.26	<0.31	<190	<39	--	<0.24	<0.20	<0.27	<0.53	
PCB-122	EPA 1668A			pg/g	<2.8	<0.48	<0.22	<0.34	<0.30	<0.31	<0.37	<230	<47	--	<0.28	<0.24	<0.33	<0.64	

**TABLE A-2a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 3**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-11							RISB-12						
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	22.5-23 ft bgs	0.5-1 ft bgs	2.5-3 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	15-15.5 ft bgs	17.5-18 ft bgs
						RISB-11-0.5-20141217	RISB-11-5.0-20141217	RISB-11-10.0-20141217	RISB-11-10.0-20141217-FD	RISB-11-15.0-20141217	RISB-11-20.0-20141217	RISB-11-22.5-20141217	RISB-12-0.5-20141215	RISB-12-2.5-20141216	RISB-12-5.0-20141216	RISB-12-10.0-20141216	RISB-12-15.0-20141216	RISB-12-15.0-20141216-FD	RISB-12-17.5-20141216
PCBs	PCB-123	EPA 1668A			pg/g	<2.7	<0.48	<0.22	<0.35	<0.30	<0.32	<0.38	<230	<42	--	<0.27	<0.23	<0.32	<0.65
	PCB-126	EPA 1668A	0.303	RSL	pg/g	<3.7	<0.66	<0.32	<0.46	<0.41	<0.43	<0.53	440	<49	--	<0.35	<0.30	<0.45	<0.92
	PCB-127	EPA 1668A			pg/g	<2.6	<0.46	<0.21	<0.33	<0.29	<0.30	<0.35	<220	190	--	<0.27	<0.23	<0.31	<0.61
	PCB-130	EPA 1668A			pg/g	8.5 J	<0.63	<0.31	<0.46	<0.39	<0.49	<0.55	2,500	450	--	<0.45	0.37 UJ	0.54 J	5.3 J
	PCB-131	EPA 1668A			pg/g	<3.6	<0.61	<0.30	<0.45	<0.37	<0.47	<0.53	<260	67 J	--	<0.43	<0.35	<0.40	<1.0
	PCB-132	EPA 1668A			pg/g	4.6 J	<0.57	<0.28	<0.42	<0.35	<0.44	<0.49	19,000	4,000	--	7.1 J	3.7 J	5.9 J	42
	PCB-133	EPA 1668A			pg/g	<3.3	<0.56	<0.28	<0.41	<0.34	<0.44	<0.49	620	110	--	<0.40	<0.33	<0.37	1.1 J
	PCB-136	EPA 1668A			pg/g	<2.3	<0.40	<0.19	<0.29	<0.24	<0.31	<0.34	7,600	2,000	--	6.1 J	1.5 J	2.4 J	15 J
	PCB-137	EPA 1668A			pg/g	4.6 J	<0.50	<0.25	<0.37	<0.31	<0.39	<0.44	6,600	89 J	--	<0.36	<0.29	<0.33	<0.87
	PCB-141	EPA 1668A			pg/g	<3.3	<0.55	<0.27	<0.41	<0.34	<0.43	<0.48	19,000	3,700	--	5.9 J	4.3 J	5.5 J	47
	PCB-142	EPA 1668A			pg/g	<3.3	<0.55	<0.27	<0.41	<0.34	<0.43	<0.48	<240	<41	--	<0.39	<0.32	<0.37	<0.95
	PCB-144	EPA 1668A			pg/g	<3.1	<0.52	<0.25	<0.38	<0.32	<0.40	<0.45	3,700	890	--	1.1 J	0.89 J	1.2 J	8.5 J
	PCB-145	EPA 1668A			pg/g	<2.2	<0.38	<0.19	<0.28	<0.23	<0.30	<0.33	<160	<28	--	<0.27	<0.22	<0.25	<0.65
	PCB-146	EPA 1668A			pg/g	11 J	<0.51	<0.25	<0.37	<0.31	<0.39	<0.44	8,400	1,600	--	1.2 J	1.6 J	2.4 J	19 J
	PCB-148	EPA 1668A			pg/g	<3.0	<0.51	<0.25	<0.37	<0.31	<0.40	<0.44	<220	<38	--	<0.36	<0.30	<0.34	<0.88
	PCB-150	EPA 1668A			pg/g	<2.1	<0.35	<0.17	<0.26	<0.21	<0.27	<0.31	<150	<26	--	<0.25	<0.20	<0.23	<0.60
	PCB-152	EPA 1668A			pg/g	<2.2	<0.37	<0.18	<0.27	<0.23	<0.29	<0.32	<160	<27	--	<0.27	<0.22	<0.25	<0.64
	PCB-154	EPA 1668A			pg/g	5.8 J	<0.45	<0.22	<0.33	<0.27	<0.35	<0.39	<190	<33	--	<0.32	<0.26	<0.30	<0.77
	PCB-155	EPA 1668A			pg/g	<1.8	<0.28	<0.13	<0.20	<0.17	<0.22	<0.22	<140	<30	--	<0.24	<0.18	<0.20	<0.49
	PCB-158	EPA 1668A			pg/g	6.2 J	<0.37	<0.18	<0.27	<0.23	<0.29	<0.32	7,200	1,100	--	0.78 J	1.1 J	2.1 J	16 J
	PCB-159	EPA 1668A			pg/g	4.8 J	<0.38	<0.15	<0.32	<0.25	<0.27	<0.32	1,200	<21	--	<0.22	<0.21	<0.26	<0.59
	PCB-160	EPA 1668A			pg/g	5.0 J	<0.44	<0.22	<0.32	<0.27	<0.34	<0.38	<190	<33	--	<0.31	<0.26	<0.29	<0.76
	PCB-161	EPA 1668A			pg/g	4.5 J	<0.40	<0.19	<0.29	<0.24	<0.31	<0.34	<170	<29	--	<0.28	<0.23	<0.26	<0.68
	PCB-162	EPA 1668A			pg/g	4.4 J	<0.34	<0.14	<0.29	<0.23	<0.24	<0.29	790	23 J	--	<0.20	<0.19	<0.23	<0.54
	PCB-164	EPA 1668A			pg/g	9.6 J	<0.41	<0.20	<0.30	<0.25	<0.32	<0.36	<180	960	--	2.4 J	0.95 J	1.4 J	12 J
	PCB-165	EPA 1668A			pg/g	<2.7	<0.46	<0.23	<0.34	<0.28	<0.36	<0.40	<200	<34	--	<0.33	<0.27	<0.31	<0.79
	PCB-167	EPA 1668A			pg/g	9.6 J	<0.35	<0.14	<0.31	<0.23	<0.26	<0.31	2,200	280	--	<0.19	0.43 J	0.66 J	4.3
	PCB-169	EPA 1668A	1.65	RSL	pg/g	<3.0	<0.54	<0.22	<0.43	<0.34	<0.36	<0.48	<150	<23	--	<0.26	<0.27	<0.34	<0.81
	PCB-170	EPA 1668A			pg/g	10 J	<0.30	<0.15	<0.14	<0.14	<0.17	<0.26	49,000 J	6,600	--	8.4 J	8.5 J	11 J	83
	PCB-172	EPA 1668A			pg/g	<2.8	<0.23	<0.14	<0.14	<0.13	<0.16	<0.25	6,400	1,000	--	1.1 J	1.3 J	1.4 J	11 J
	PCB-174	EPA 1668A			pg/g	16 J	<0.24	<0.14	<0.14	<0.13	<0.17	<0.26	43,000 J	7,800	--	25	8.1 J	11 J	77
	PCB-175	EPA 1668A			pg/g	16 J	<0.41	<0.22	<0.38	<0.26	<0.36	<0.42	1,600	310	--	<0.23	0.23 UJ	0.31 J	3.0 J
	PCB-176	EPA 1668A			pg/g	11 J	<0.29	<0.15	<0.27	<0.18	<0.25	<0.29	3,700	860	--	2.5 J	0.77 J	1.0 J	7.9 J
	PCB-177	EPA 1668A			pg/g	4.1 J	<0.23	<0.14	<0.14	<0.13	<0.16	<0.25	23,000	4,000	--	2.1 J	3.5 J	5.4 J	42
	PCB-178	EPA 1668A			pg/g	12 J	<0.42	<0.23	<0.39	<0.27	<0.37	<0.43	5,400	1,300	--	0.57 J	1.2 J	1.5 J	11 J
	PCB-179	EPA 1668A			pg/g	8.7 J	<0.32	<0.17	<0.29	<0.20	<0.28	<0.32	11,000	3,100	--	5.7 J	2.5 J	3.3 J	24
	PCB-181	EPA 1668A			pg/g	8.2 J	<0.20	<0.12	<0.12	<0.11	<0.14	<0.22	<90	<16	--	<0.22	<0.18	<0.22	<0.38
	PCB-182	EPA 1668A			pg/g	13 J	<0.37	<0.20	<0.34	<0.24	<0.33	<0.38	<24	<4.6	--	<0.21	<0.21	<0.28	<0.35
	PCB-183	EPA 1668A			pg/g	21 J	<0.22	<0.10	<0.17	<0.12	<0.12	<0.18	23,000	3,300	--	3.6 J	3.5 J	5.3 J	38
	PCB-184	EPA 1668A			pg/g	17 J	<0.32	<0.17	<0.29	<0.20	<0.28	<0.32	240 J	27 J	--	<0.17	<0.17	<0.24	<0.29
	PCB-185	EPA 1668A			pg/g	6.9 J	<0.23	<0.14	<0.14	<0.13	<0.16	<0.25	<100	1,200	--	0.64 J	0.57 J	1.0 J	6.9 J
	PCB-186	EPA 1668A			pg/g	2.6 J	<0.30	<0.16	<0.28	<0.19	<0.27	<0.31	<20	<3.7	--	<0.17	<0.17	<0.23	<0.28
	PCB-187	EPA 1668A			pg/g	18 J	<0.39	<0.21	<0.36	<0.24	<0.34	<0.39	36,000 J	8,000	--	8.9 J	7.4 J	10 J	74
	PCB-188	EPA 1668A			pg/g	8.9 J	<0.28	<0.14	<0.26	<0.17	<0.24	<0.28	130 J	<3.7	--	<0.17	<0.16	<0.21	<0.26
	PCB-189	EPA 1668A			pg/g	15 J	<0.54	<0.38	<0.39	<0.38	<0.31	<0.58	1,700	200	--	0.42 J	0.72 J	0.81 J	3.5
	PCB-190	EPA 1668A			pg/g	2.6 J	<0.16	<0.098	<0.097	<0.092	<0.11	<0.17	9,500	1,400	--	0.49 J	0.98 J	2.0 J	16 J
	PCB-191	EPA 1668A			pg/g	5.7 J	<0.17	<0.10	<0.099	<0.093	<0.12	<0.18	2,300	290	--	<0.18	0.26 J	0.18 UJ	4.4 J
	PCB-192	EPA 1668A			pg/g	3.9 J	<0.17	<0.11	<0.10	<0.099	<0.12	<0.19	<78	<14	--	<0.19	<0.15	<0.19	<0.33
	PCB-194	EPA 1668A			pg/g	26 J	<0.47	<0.36	<0.36	<0.27	<0.30	<0.53	18,000	3,000	--	3.4 J	3.0 J	4.2 J	30



**TABLE A-2a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 3**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-11							RISB-12						
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	22.5-23 ft bgs	0.5-1 ft bgs	2.5-3 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	15-15.5 ft bgs	17.5-18 ft bgs
						RISB-11-0.5-20141217	RISB-11-5.0-20141217	RISB-11-10.0-20141217	RISB-11-10.0-20141217-FD	RISB-11-15.0-20141217	RISB-11-20.0-20141217	RISB-11-22.5-20141217	RISB-12-0.5-20141215	RISB-12-2.5-20141216	RISB-12-5.0-20141216	RISB-12-10.0-20141216	RISB-12-15.0-20141216	RISB-12-15.0-20141216-FD	RISB-12-17.5-20141216
PCBs	PCB-195	EPA 1668A			pg/g	13 J	<0.40	<0.31	<0.31	<0.23	<0.26	<0.45	6,800	1,200	--	0.73 J	1.3 J	1.6 J	12 J
	PCB-196	EPA 1668A			pg/g	66 J	<0.41	<0.20	<0.34	<0.31	<0.28	<0.36	9,400	1,800	--	1.8 J	1.7 J	2.4 J	17 J
	PCB-197	EPA 1668A			pg/g	45 J	<0.26	<0.12	<0.21	<0.19	<0.18	<0.23	1,000	160	--	<0.12	0.14 UJ	0.27 J	1.5 J
	PCB-200	EPA 1668A			pg/g	26 J	<0.34	<0.16	<0.27	<0.25	<0.23	<0.29	2,100	490	--	1.5 J	0.44 J	0.49 J	3.9 J
	PCB-201	EPA 1668A			pg/g	58 J	<0.29	<0.14	<0.24	<0.22	<0.20	<0.26	2,200	450	--	0.26 J	0.23 J	0.51 J	3.8 J
	PCB-202	EPA 1668A			pg/g	18 J	<0.29	<0.14	<0.24	<0.21	<0.19	<0.25	1,900	500	--	<0.14	0.29 J	0.53 J	3.6 J
	PCB-203	EPA 1668A			pg/g	33 J	<0.39	<0.19	<0.32	<0.29	<0.27	<0.34	9,900	2,000	--	2.2 J	1.8 J	2.3 J	19 J
	PCB-204	EPA 1668A			pg/g	38 J	<0.30	<0.14	<0.25	<0.22	<0.21	<0.26	460	51 J	--	<0.15	<0.17	<0.16	0.33 J
	PCB-205	EPA 1668A			pg/g	29 J	<0.43	<0.35	<0.33	<0.25	<0.29	<0.49	1,400	210	--	<0.27	0.21 UJ	0.37 J	1.7 J
	PCB-206	EPA 1668A			pg/g	250	<0.41	<0.31	<0.35	<0.27	<0.28	0.89 J	6,300	900	--	0.86 J	0.78 J	0.89 J	7.7 J
	PCB-207	EPA 1668A			pg/g	370	<0.30	<0.21	<0.24	<0.20	<0.19	1.0 J	5,600	620	--	0.51 J	0.49 J	0.78 J	5.4 J
	PCB-208	EPA 1668A			pg/g	230	<0.36	<0.25	<0.28	<0.23	<0.22	<0.44	3,500	440	--	0.26 J	0.43 J	0.57 J	3.7 J
	PCB-209	EPA 1668A			pg/g	3,000	2.0 J	0.77 J	0.38 J	0.28 J	0.41 J	9.3 J	44,000 J	4,600	--	5.4 J	5.2 J	6.3 J	42
	PCBs 107+124	EPA 1668A			pg/g	<2.5	<0.44	<0.20	<0.32	<0.28	<0.29	<0.34	<210	<43	--	<0.26	<0.22	<0.30	<0.59
	PCBs 110+115	EPA 1668A			pg/g	16 J	<0.42	<0.19	<0.30	0.50 J	<0.28	0.38 J	13,000	2,400	--	3.1 J	2.5 J	3.1 J	23 J
	PCBs 12+13	EPA 1668A			pg/g	<20	<1.8	<1.4	<1.8	<1.6	<5.1	<3.6	98 J	<52	--	<3.8	<4.7	<4.6	<5.6
	PCBs 128+166	EPA 1668A			pg/g	<2.8	<0.47	<0.23	<0.35	<0.29	<0.37	<0.41	5,800	980	--	0.90 J	1.0 J	1.5 J	12 J
	PCBs 129+138+163	EPA 1668A			pg/g	25 J	0.68 J	0.31 J	0.37 UJ	0.75 J	<0.39	0.66 J	79,000 J	13,000	--	12 J	17 J	24 J	170
	PCBs 134+143	EPA 1668A			pg/g	<3.5	<0.59	<0.29	<0.43	<0.36	<0.46	<0.51	<250	480	--	<0.42	0.34 UJ	0.42 J	5.2 J
	PCBs 135+151	EPA 1668A			pg/g	9.6 J	<0.53	<0.26	<0.39	<0.33	<0.42	<0.46	23,000	5,900	--	8.3 J	4.7 J	7.1 J	52
	PCBs 139+140	EPA 1668A			pg/g	4.5 J	<0.51	<0.25	<0.37	<0.31	<0.39	<0.44	<220	<37	--	<0.36	<0.29	<0.34	<0.87
	PCBs 147+149	EPA 1668A			pg/g	15 J	<0.52	0.40 J	0.38 UJ	0.54 J	<0.40	0.48 J	58,000 J	13,000	--	34 J	13 J	17 J	130
	PCBs 153+168	EPA 1668A			pg/g	20 J	<0.42	0.23 J	0.31 UJ	<0.26	<0.33	0.39 J	73,000	13,000	--	6.9 J	16 J	23 J	170
	PCBs 156+157	EPA 1668A			pg/g	13 J	<0.48	<0.20	<0.41	<0.33	<0.35	<0.43	6,000	790	--	0.29 J	0.99 J	1.6 J	11
	PCBs 171+173	EPA 1668A			pg/g	17 J	<0.23	<0.14	<0.14	<0.13	<0.16	<0.25	14,000	2,000	--	2.5 J	2.1 J	2.9 J	24 J
	PCBs 18+30	EPA 1668A			pg/g	6.0 J	0.88 J	3.0 J	3.5 J	8.8 J	230	380	120 J	460 J	--	1.4 J	55	47	160
	PCBs 180+193	EPA 1668A			pg/g	46 J	0.54 J	<0.14	<0.33	<0.22	<0.13	0.43 J	100,000 J	15,000	--	16 J	17 J	23 J	170
	PCBs 198+199	EPA 1668A			pg/g	77 J	<0.43	<0.21	<0.35	<0.32	<0.29	<0.38	15,000	3,400	--	2.6 J	2.7 J	3.7 J	27 J
	PCBs 20+28	EPA 1668A			pg/g	7.5 J	<0.44	<0.26	<0.40	0.69 J	<0.38	<0.45	860	160 J	--	<0.51	0.80 J	0.93 J	2.3 J
	PCBs 21+33	EPA 1668A			pg/g	<2.5	<0.37	<0.23	<0.34	<0.29	<0.33	<0.39	70 J	43 J	--	<0.44	<0.38	<0.34	1.5 J
	PCBs 26+29	EPA 1668A			pg/g	<2.7	<0.41	<0.25	<0.37	<0.31	0.48 J	<0.42	<28	190 J	--	<0.48	<0.41	<0.37	1.1 J
	PCBs 40+71	EPA 1668A			pg/g	<1.4	<0.24	<0.15	<0.18	<0.17	<0.18	<0.22	610	63 J	--	<0.29	<0.27	<0.29	1.5 J
	PCBs 44+47+65	EPA 1668A			pg/g	11 J	0.42 J	0.59 J	0.49 J	0.60 J	<0.18	0.59 J	1,000	220 J	--	0.65 J	1.1 J	0.72 J	3.1 J
PCBs 49+69	EPA 1668A			pg/g	1.8 J	<0.20	<0.12	<0.15	0.25 J	0.30 J	0.39 J	440 J	110 J	--	<0.24	0.23 UJ	0.40 J	0.89 J	
PCBs 50+53	EPA 1668A			pg/g	<1.4	<0.23	<0.14	<0.17	<0.16	<0.17	<0.21	100 J	260	--	<0.27	<0.25	<0.28	<0.34	
PCBs 59+62+75	EPA 1668A			pg/g	<1.1	<0.18	<0.11	<0.13	<0.12	<0.14	<0.16	87 J	18 J	--	<0.21	<0.20	<0.22	<0.27	
PCBs 61+70+74+76	EPA 1668A			pg/g	7.3 J	<0.37	<0.19	<0.33	0.49 J	<0.31	1.3 J	1,900	420 J	--	<0.34	0.78 J	1.2 J	6.2 J	
PCBs 85+116+117	EPA 1668A			pg/g	5.5 J	<0.48	<0.22	<0.34	<0.30	<0.31	<0.37	<230	99 J	--	<0.28	<0.23	<0.32	<0.63	
PCBs 86+87+97+108+119+125	EPA 1668A			pg/g	13 J	<0.49	<0.22	<0.35	<0.31	<0.32	<0.37	3,500	910	--	<0.29	0.45 J	0.86 J	6.9 J	
PCBs 88+91	EPA 1668A			pg/g	<3.2	<0.56	<0.26	<0.40	<0.35	<0.37	<0.43	<270	85 J	--	<0.33	<0.28	<0.38	<0.75	
PCBs 90+101+113	EPA 1668A			pg/g	13 J	<0.50	0.43 J	0.35 UJ	0.57 J	0.36 J	<0.38	20,000	4,000	--	1.4 J	4.1 J	5.3 J	38 J	
PCBs 93+100	EPA 1668A			pg/g	<3.2	<0.56	<0.26	<0.40	<0.36	<0.37	<0.43	<270	<55	--	<0.33	<0.28	<0.38	<0.75	
PCBs 98+102	EPA 1668A			pg/g	<2.9	<0.52	<0.23	<0.37	<0.32	<0.34	<0.40	<250	<50	--	<0.30	<0.25	<0.35	<0.69	
Dioxins/Furans	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	EPA 8290			pg/g	57	<0.056	0.090 J	0.061 UJ	0.12 J	<0.062	0.19 J	360	80	--	<0.083	0.23 J	0.14 J	0.61 J
	1,2,3,4,6,7,8-Heptachlorodibenzofuran	EPA 8290			pg/g	620	0.14 J	0.026 UJ	0.065 J	0.058 J	<0.024	0.81 J	4,400	520	--	0.14 J	0.46 J	0.49 J	3.9 J
	1,2,3,4,7,8,9-Heptachlorodibenzofuran	EPA 8290			pg/g	200	<0.056	<0.033	<0.031	<0.024	<0.031	0.30 J	1,600	240	--	<0.080	0.23 J	0.21 J	1.5 J

**TABLE A-2a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 3**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-11						RISB-12							
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	22.5-23 ft bgs	0.5-1 ft bgs	2.5-3 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	15-15.5 ft bgs	17.5-18 ft bgs
						RISB-11-0.5-20141217	RISB-11-5.0-20141217	RISB-11-10.0-20141217	RISB-11-10.0-20141217-FD	RISB-11-15.0-20141217	RISB-11-20.0-20141217	RISB-11-22.5-20141217	RISB-12-0.5-20141215	RISB-12-2.5-20141216	RISB-12-5.0-20141216	RISB-12-10.0-20141216	RISB-12-15.0-20141216	RISB-12-15.0-20141216-FD	RISB-12-17.5-20141216
Dioxins/Furans	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	EPA 8290			pg/g	6.2 J	<0.042	<0.035	<0.036	<0.045	<0.039	<0.059	35 J	6.3	--	<0.048	<0.042	<0.041	<0.065
	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	EPA 8290			pg/g	12 J	0.074 J	0.090 J	0.092 J	0.11 J	0.13 J	0.16 J	82	10	--	0.083 J	0.13 J	0.12 J	0.30 J
	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	EPA 8290			pg/g	13 J	0.12 J	0.16 J	0.13 J	0.28 J	0.35 J	0.55 J	78	9.5	--	0.42 J	0.35 J	0.38 J	0.63 J
	1,2,3,4,7,8-Hexachlorodibenzofuran	EPA 8290			pg/g	220	0.076 J	<0.021	<0.023	<0.015	<0.021	0.45 J	1,900	200	--	0.066 J	0.24 J	0.27 J	1.8 J
	1,2,3,6,7,8-Hexachlorodibenzofuran	EPA 8290			pg/g	120	0.044 J	0.029 J	0.015 UJ	0.019 J	<0.014	0.34 J	1,200	94	--	0.067 J	0.18 J	0.19 J	1.1 J
	1,2,3,7,8,9-Hexachlorodibenzofuran	EPA 8290			pg/g	<11	<0.022	0.033 J	0.022 UJ	0.092 J	0.091 J	0.22 J	88	13	--	0.069 J	0.13 J	0.074 J	0.19 J
	2,3,4,6,7,8-Hexachlorodibenzofuran	EPA 8290			pg/g	39 J	<0.018	<0.016	<0.018	<0.012	<0.017	0.20 J	310	17	--	<0.019	0.028 UJ	0.074 J	0.40 J
	HpCDD (total)	EPA 8290			pg/g	89	0.11 J	0.20 J	0.094 J	0.28 J	<0.062	0.38 J	570	130	--	0.11 J	0.51 J	0.39 J	1.0 J
	HpCDF (total)	EPA 8290			pg/g	1,300	0.14 J	0.033 UJ	0.065 J	0.058 J	<0.031	1.9 J	9,500	1,200	--	0.14 J	1.2 J	0.99 J	9.1
	HxCDD (total)	EPA 8290			pg/g	85	0.19 J	0.28 J	0.25 J	0.69 J	0.48 J	0.93 J	560	87	--	0.50 J	0.54 J	0.54 J	1.6 J
	HxCDF (total)	EPA 8290			pg/g	910	0.18 J	0.062 J	0.023 UJ	0.11 J	0.091 J	2.0 J	8,700	770	--	0.20 J	0.77 J	0.95 J	9.2
	1,2,3,4,5,6,7,8-Octachlorodibenzo-p-dioxin	EPA 8290			pg/g	60 J	0.43 J	0.33 J	0.24 J	0.38 J	0.32 J	0.46 J	440	150	--	0.66 J	2.1 J	0.91 J	2.3 J
	1,2,3,4,5,6,7,8-Octachlorodibenzofuran	EPA 8290			pg/g	1,500	0.37 J	<0.056	<0.055	<0.056	0.067 J	2.2 J	12,000	1,500	--	0.49 J	1.5 J	1.2 J	11
	PeCDD (total)	EPA 8290			pg/g	35 J	<0.046	<0.048	<0.055	<0.046	0.14 J	0.48 J	480	40 J	--	0.064 J	0.094 J	0.12 J	0.81 J
	PeCDF (total)	EPA 8290			pg/g	420	<0.030	<0.026	<0.023	<0.023	<0.024	0.86 J	6,800	620 J	--	0.083 J	0.46 J	0.54 J	4.9 J
	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	EPA 8290			pg/g	4.1 J	<0.046	<0.048	<0.055	<0.046	<0.043	<0.064	41 J	4.6 J	--	<0.047	<0.044	<0.044	<0.10
	1,2,3,7,8-Pentachlorodibenzofuran	EPA 8290			pg/g	53	<0.029	<0.025	<0.023	<0.023	<0.024	0.15 J	790	73 J	--	<0.024	0.097 J	0.13 J	0.76 J
	2,3,4,7,8-Pentachlorodibenzofuran	EPA 8290			pg/g	27 J	<0.030	<0.026	<0.023	<0.023	<0.024	<0.055	390	42 J	--	<0.025	0.034 UJ	0.052 J	0.42 J
	TCDD (total)	EPA 8290			pg/g	27	<0.038	<0.033	<0.039	<0.041	0.41 J	0.14 J	390	35	--	0.32 J	0.20 J	0.032 UJ	0.25 J
	TCDF (total)	EPA 8290			pg/g	280	<0.022	<0.018	<0.020	0.090 J	0.20 J	0.89 J	4,300	410 J	--	0.24 J	0.55 J	0.54 J	5.2
2,3,7,8-Tetrachlorodibenzo-p-dioxin	EPA 8290		15	RSL	pg/g	0.97 J	<0.038	<0.033	<0.039	<0.041	<0.033	<0.043	17	1.4	--	<0.033	<0.032	<0.032	<0.054
2,3,7,8-Tetrachlorodibenzofuran	EPA 8290			pg/g	27	<0.022	<0.018	<0.020	0.028 J	0.027 J	0.16 J	530 J	31	--	0.054 J	0.16 J	0.15 J	0.69 J	
Total PCB TEQs (calculated by TAS)	EPA 8280A			pg/g	0.24	0.041	0.019	0.030	0.026	0.028	0.034	47	2.9	--	0.022	0.019	0.028	0.059	
Total TEQ (Calculated)	EPA 8280A			pg/g	68	0.46	0.48	0.48	0.69	0.76	0.65	690	64	--	0.59	0.58	0.69	0.90	
Organic Acids	Phthalic acid	EPA 8270			µg/kg	<1,300	<1,400	<1,300	<1,400	<1,300	<1,300	<1,300	<70,000	--	<1,300	<1,300	<1,300	<1,300	
Radionuclides	Radium-226	EPA 903.0	0.006	BCL	pCi/g	0.908	1.16	1.05	1.27	1.17	1.47	1.99	0.727	1.45 J	--	2.40 J	2.19 J	2.21 J	3.62 J
	Radium-228	EPA 904.0	0.006	BCL	pCi/g	1.28	1.17	1.14	1.21	1.13	1.34	1.03	1.07	1.17 J	--	1.35 J	1.34 J	1.34 J	1.44 J
	Thorium-228	DOE A-01-R	0.0027	BCL	pCi/g	1.76	1.81	1.86	1.51	1.95	2.10	2.06	1.51	1.47	--	1.89	2.03	2.02	1.68
	Thorium-230	DOE A-01-R	0.001	BCL	pCi/g	1.07	1.58	1.23	1.18	1.77	2.16	2.09	0.953 J	1.06	--	2.80	1.65	2.06	4.39
	Thorium-232	DOE A-01-R	0.0035	BCL	pCi/g	1.78	1.50	1.92	1.53	1.72	2.01	1.55	1.40	1.65	--	1.73	1.99	1.74	1.45
	Uranium-233/234	DOE A-01-R			pCi/g	0.721 J	1.15	1.26	1.18	1.53	1.32	1.94	1.05	1.66	--	2.65	2.06	1.84	3.71
	Uranium-235/236	DOE A-01-R			pCi/g	0.0430	<0.0663	<0.0858	<0.0947	<0.0718	0.0840	0.143	0.0926	<0.0615	--	0.110	0.127	0.112	0.114
	Uranium-238	DOE A-01-R			pCi/g	1.22	1.52	0.993	1.32	1.46	1.30	1.97	0.906	1.06	--	2.39	1.63	1.60	3.26
Total Petroleum Hydrocarbons	Diesel Range Organics (C10-C28)	EPA 8015			mg/kg	<2.6	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	49	6,600	--	8.1	4.8 J	5.9	3.5 J
	EFH (C10-C40)	EPA 8015			mg/kg	3.0 J	<2.7	2.7 UJ	3.4 J	<2.7	<2.7	<2.7	67	8,100	--	11	7.8	8.9	5.7

**TABLE A-2a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 3**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-11						RISB-12							
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	22.5-23 ft bgs	0.5-1 ft bgs	2.5-3 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	15-15.5 ft bgs	17.5-18 ft bgs
						RISB-11-0.5-20141217	RISB-11-5.0-20141217	RISB-11-10.0-20141217	RISB-11-10.0-20141217-FD	RISB-11-15.0-20141217	RISB-11-20.0-20141217	RISB-11-22.5-20141217	RISB-12-0.5-20141215	RISB-12-2.5-20141216	RISB-12-5.0-20141216	RISB-12-10.0-20141216	RISB-12-15.0-20141216	RISB-12-15.0-20141216-FD	RISB-12-17.5-20141216
<b>Total Petroleum</b>	Petroleum Hydrocarbons (C29-C40)	EPA 8015			mg/kg	<2.6	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	17	470	--	<2.7	<2.7	<2.6	<2.7
<b>General Chemistry</b>	Alkalinity (as CaCO3)	SM 2320			mg/kg	42,000	38,000	26,000	27,000	52,000	26,000	13,000	24,000	27,000	--	80,000	28,000	29,000	16,000
	Ammonia (as NH3)	SM 4500			mg/kg	<2.5	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.5	2.7 J	--	<2.6	5.1 J	4.6 J	3.1 J
	Bicarbonate as HCO3	SM 2320			mg/kg	50,000	45,000	30,000	31,000	60,000	29,000	14,000	29,000	31,000	--	95,000	32,000	32,000	18,000
	Bromide	EPA 300			mg/kg	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.6	<3.9	--	<3.7	<3.7	<3.7	<3.7
	Carbonate (CO3)	SM 2320			mg/kg	630	640	960	960	1,300	1,300	1,300	310	660	--	1,300	1,300	1,300	960
	Chloride	EPA 300			mg/kg	140 J	360 J	150 J	170 J	55 J	33	59	290	49	--	83	110	130	62
	Hydroxide	SM 2320			mg/kg	<180	<180	<180	<180	<180	<180	<180	<180	<190	--	<180	<180	<180	<180
	Nitrate (as NO3)	EPA 300			mg/kg	40	34	6.5	7.8	5.0 J	11	16	52	<3.9	--	<3.7	<3.7	<3.7	4.0 J
	Nitrate/Nitrite	EPA 300			mg/kg	9.1	7.7	1.5 J	1.8	<1.2	2.5	3.5	12	<1.2	--	<1.2	<1.2	<1.2	<1.2
	Nitrite	EPA 300			mg/kg	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.1	<1.2	--	<1.2	<1.2	<1.2	<1.2
	ortho-Phosphate (total) (as PO4)	EPA 300			mg/kg	4.3 UJ	4.3 UJ	4.3 UJ	4.3 UJ	4.3 UJ	4.3 UJ	4.3 UJ	4.2 UJ	<4.5	--	<4.3	<4.3	<4.2	<4.3
	Phosphorus (total)	EPA 6010	0.00148	RSL	mg/kg	980	1,200	1,000	1,100	1,100	1,200	1,000	1,100	960	--	1,300	1,000	1,000	940
	Silicon	EPA 6010			mg/kg	68 J	67 J	65 J	65 J	78 J	62 J	73 J	160 J	41 J	--	50 J	42 J	46 J	56 J
Sulfate	EPA 300			mg/kg	280	180	94	100	47	40	220	2,500	210	--	120	79	100	110	
Sulfur	EPA 6020			mg/kg	<400	<390	<400	<430	<440	400 J	<360	1,900 J	1,000 J	--	940 J	800 J	510 J	780 J	
pH	EPA 9045			s.u.	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
<b>Physical</b>	Ignitability	EPA 7.1.2			none	--	--	--	--	--	--	--	--	--	--	--	--	--	

**Notes:**

ft bgs: feet below ground surface

FD: Field Duplicate

Above Screening Level

bold value: detection

Soil screening levels were selected according to the following hierarchy of criteria:

1. Basic Comparison Level (BCL): Leaching-based basic comparison levels (LBCL) with dilution attenuation factor (DAF) of 1 in the most recent version of Nevada Division of Environmental Protection (NDEP) documents (February 2015).
2. Regional Screening Level (RSL): United States Environmental Protection Agency (USEPA) Regional Screening Levels (RSL) for groundwater protection (June 2015), with the maximum contaminant level (MCL) based screening levels selected over the risk-based screening levels, if available (USEPA 2015)
3. Calculated Criteria (CAL): Generic leaching-based BCLs (LBCLs) calculated using the approach presented in NDEP guidance (NDEP 2015).

**Sources:**

NDEP, 2015. User's Guide and Background Technical Document for NDEP Basic

Comparison Levels (BCLs) for Human Health for the BMI Complex and

Common Areas. Revision 13, February.

USEPA, 2015. Regional Screening Levels (RSL) for Chemical Contaminants at Superfund

Sites. June.

**TABLE A-2a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 3**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-13				RISB-14				SB-LB01	SB-LB05	SS-1001	SS-LB02		
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs					19-19.5 ft bgs	19-19.5 ft bgs
						RISB-13-0.5-20141217	RISB-13-5.0-20141218	RISB-13-10.0-20141218	RISB-13-15.0-20141218	RISB-14-0.5-20141216	RISB-14-5.0-20141216	RISB-14-10.0-20141216	RISB-14-15.0-20141216					RISB-14-19.0-20141216	RISB-14-19.0-20141216-FD
Asbestos	Long Amphibole Protocol Structures	EPA 540			s/gPM10	<8,970,000	<8,940,000	--	--	<8,970,000	<8,920,000	--	--	--	--	--	--		
	Long Amphibole Protocol Structures Count	EPA 540			s/samp	<0	<0	--	--	<0	1	--	--	--	--	--	--		
	Long Asbestos Protocol Structures	EPA 540			s/gPM10	<8,970,000	<8,940,000	--	--	<8,970,000	<8,920,000	--	--	--	--	--	--		
	Long Asbestos Protocol Structures Count	EPA 540			s/samp	<0	<0	--	--	<0	1	--	--	--	--	--	--		
	Long Chrysotile Protocol Structures	EPA 540			s/gPM10	<8,970,000	<8,940,000	--	--	<8,970,000	<8,920,000	--	--	--	--	--	--		
	Long Chrysotile Protocol Structures Count	EPA 540			s/samp	<0	<0	--	--	<0	<0	--	--	--	--	--	--		
	Short Amphibole Structures	EPA 540			s/gPM10	<8,970,000	<8,940,000	--	--	<8,970,000	<8,920,000	--	--	--	--	--	--		
	Short Amphibole Structures Counts	EPA 540			s/samp	<0	<0	--	--	<0	<0	--	--	--	--	--	--		
	Short Asbestos Structures	EPA 540			s/gPM10	<8,970,000	<8,940,000	--	--	<8,970,000	<8,920,000	--	--	--	--	--	--		
	Short Asbestos Structures Counts	EPA 540			s/samp	<0	<0	--	--	<0	<0	--	--	--	--	--	--		
	Short Chrysotile Structures	EPA 540			s/gPM10	<8,970,000	<8,940,000	--	--	<8,970,000	<8,920,000	--	--	--	--	--	--		
	Short Chrysotile Structures Counts	EPA 540			s/samp	<0	<0	--	--	<0	<0	--	--	--	--	--	--		
	Total Amphibole Protocol Structures	EPA 540			s/gPM10	<8,970,000	<8,940,000	--	--	<8,970,000	<8,920,000	--	--	--	--	--	--		
	Total Amphibole Protocol Structures Count	EPA 540			s/samp	<0	<0	--	--	<0	1	--	--	--	--	--	--		
Total Asbestos Protocol Structures	EPA 540			s/gPM10	<8,970,000	<8,940,000	--	--	<8,970,000	<8,920,000	--	--	--	--	--	--			
Total Asbestos Protocol Structures Count	EPA 540			s/samp	<0	<0	--	--	<0	1	--	--	--	--	--	--			
Total Chrysotile Protocol Structures	EPA 540			s/gPM10	<8,970,000	<8,940,000	--	--	<8,970,000	<8,920,000	--	--	--	--	--	--			
Total Chrysotile Protocol Structures Count	EPA 540			s/samp	<0	<0	--	--	<0	<0	--	--	--	--	--	--			
Chlorates	Chlorate	EPA 300.1	1.03	BCL	mg/kg	19	11	5.3	3.8	5.2	7.0	11	5.6	3.3	3.3	1,100	410	37	20
	Perchlorate	EPA 314.0	0.0185	BCL	mg/kg	39	4.5	3.1	3.6	18	12	8.0	5.1	2.6	2.2	100	120	41	12
Common Metals	Aluminum	EPA 6010	75	BCL	mg/kg	8,700	9,400	8,800	7,200	9,300	11,000	11,000	9,500	6,200	5,900	8,500	10,000	11,000	10,000
	Antimony	EPA 6020	0.3	BCL	mg/kg	0.53 UJ	0.56 UJ	0.55 UJ	0.54 UJ	0.51 UJ	0.54 UJ	0.56 UJ	0.55 UJ	0.54 UJ	0.54 UJ	<0.57	<0.64	<0.72	<0.66
	Arsenic	EPA 6020	1	BCL	mg/kg	2.9	9.0	9.6	7.4	9.0	4.2	7.1	7.1	14	14	6.5	6.3	16	6.2
	Barium	EPA 6010	82	BCL	mg/kg	190 J	190	160	84	180 J	210 J	230 J	140 J	87 J	91 J	150	160	130	150
	Boron	EPA 6010	21.4	BCL	mg/kg	56	4.8 J	4.8 J	5.6	11	9.0	8.2	6.7	7.4	7.8	18	15	22	16
	Cadmium	EPA 6010	0.4	BCL	mg/kg	<0.27	<0.28	<0.27	<0.27	<0.26	<0.27	<0.28	<0.27	<0.27	<0.27	<0.29	<0.32	<0.36	<0.33
	Chromium (total)	EPA 6010	180,000	RSL	mg/kg	13	15	13	11	21	19	20	15	11	13	30	26	29	20
	Cobalt	EPA 6010	0.453	BCL	mg/kg	11	6.9	7.1	6.8	12	8.7	7.9	7.4	5.6	6.0	7.5	8.4	4.7	5.8
	Copper	EPA 6010	45.8	BCL	mg/kg	22	16	18	15	26	21	19	19	14	13	19	20	14	17
	Iron	EPA 6010	7.56	BCL	mg/kg	15,000	15,000	14,000	12,000	16,000	19,000	18,000	17,000	12,000	12,000	15,000	16,000	12,000	14,000
	Lead	EPA 6010	13.5	RSL	mg/kg	11	7.7	7.4	7.0	17	9.2	8.1	7.0	5.3	6.8	8.3	11	7.5	6.0
	Magnesium	EPA 6010	889	BCL	mg/kg	9,600	12,000	12,000	9,000	29,000	13,000	13,000	10,000	7,300	6,900	11,000	17,000	31,000	33,000
	Manganese	EPA 6010	1.3	BCL	mg/kg	690	290	280	300	1,200	390	310	250	190	200	1,500	530	270	270
	Mercury	EPA 7471	0.104	BCL	mg/kg	<0.013	<0.014	<0.014	<0.013	0.077	0.042	0.015 J	<0.013	0.013 UJ	0.28 J	0.031	0.032	0.034	<0.016
Molybdenum	EPA 6010	3.37	BCL	mg/kg	<1.1	<1.1	<1.1	<1.1	3.3	<1.1	<1.1	<1.1	<1.1	<1.1	2.0	<1.3	<1.4	<1.3	

**TABLE A-2a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 3**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-13				RISB-14				SB-LB01	SB-LB05	SS-1001	SS-LB02			
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	19-19.5 ft bgs	19-19.5 ft bgs	SB-LB01-COMPOSITE-20141211	SB-LB05-COMPOSITE-20141211	SS-1001-20141218	SS-LB02-ABCD-20150120 (COMPOSITE)	
						RISB-13-0.5-20141217	RISB-13-5.0-20141218	RISB-13-10.0-20141218	RISB-13-15.0-20141218	RISB-14-0.5-20141216	RISB-14-5.0-20141216	RISB-14-10.0-20141216	RISB-14-15.0-20141216	RISB-14-19.0-20141216	RISB-14-19.0-20141216-FD					
Common Metals	Nickel	EPA 6010	7	BCL	mg/kg	16	14	14	15	18	17	16	15	12	13	20	19	11	15	
	Selenium	EPA 6020	0.3	BCL	mg/kg	<0.53	<0.56	<0.55	<0.54	<0.51	<0.54	<0.56	<0.55	<0.54	<0.54	<0.57	<0.64	<0.72	0.26	
	Silver	EPA 6010	0.85	BCL	mg/kg	<0.80	<0.84	<0.82	<0.81	<0.77	<0.81	<0.83	<0.82	<0.81	<0.81	<0.86	<0.96	<1.1	<0.99	
	Thallium	EPA 6020	0.4	BCL	mg/kg	<0.27	<0.28	<0.27	<0.27	<0.26	<0.27	<0.28	<0.27	<0.27	<0.27	<0.29	<0.32	<0.36	<0.33	
	Zinc	EPA 6010	620	BCL	mg/kg	33	32	31	25	55	37	36	32	32	24	24	32	36	32	34
Hexavalent Chromium	Chromium VI	EPA 7199	2	BCL	mg/kg	<0.43	<0.44	<0.44	<0.44	0.61 J	<0.44	<0.45	<0.44	<0.43	<0.44	1.1	4.9	<0.58	<0.53	
Rare Metals	Niobium	EPA 6020	1.17	BCL	mg/kg	<1.9 R	<2.0 R	<1.8 R	<1.9 R	<1.8	<1.9	<1.9	<1.8	<1.8	<2.0	<1.9	--	--	--	--
	Palladium	EPA 6020			mg/kg	<0.055	<0.057	<0.053	<0.056	<0.052	<0.055	<0.055	<0.052	0.058 UJ	0.071 J	--	--	--	--	
	Strontium	EPA 6010	422	RSL	mg/kg	220 J	750	420	290	210 J	440 J	340 J	370 J	1,000 J	1,100 J	320	210	240	--	
	Tungsten	EPA 6010	37.6	BCL	mg/kg	5.3 UJ	5.6 UJ	5.5 UJ	5.4 UJ	5.1 UJ	5.4 UJ	5.6 UJ	5.5 UJ	5.4 UJ	5.4 UJ	<5.7	<6.4	<7.2	--	
	Zirconium	EPA 6010	4.79	RSL	mg/kg	21	25	21	19	26	31	30	26	20	19	26	24	24	--	
VOCs	Acetone	EPA 8260	0.8	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	<0.0095	<0.0099	<0.011	<0.011	
	t-Amyl methyl ether	EPA 8260			mg/kg	--	--	--	--	--	--	--	--	--	--	<0.0012	<0.0012	<0.0014	<0.0013	
	Benzene	EPA 8260	0.002	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	<0.00059	<0.00062	<0.00072	<0.00067	
	Bromobenzene	EPA 8260	0.0421	RSL	mg/kg	--	--	--	--	--	--	--	--	--	--	<0.0012	<0.0012	<0.0014	<0.0013	
	Bromochloromethane	EPA 8260			mg/kg	--	--	--	--	--	--	--	--	--	--	<0.0012	<0.0012	<0.0014	<0.0013	
	Bromodichloromethane	EPA 8260	0.03	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	<0.00059	<0.00062	<0.00072	<0.00067	
	Bromoform	EPA 8260	0.04	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	<0.0012	<0.0012	<0.0014	<0.0013	
	Bromomethane	EPA 8260	0.01	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	<0.0012	<0.0012	<0.0014	<0.0013	
	2-Butanone	EPA 8260	1.16	RSL	mg/kg	--	--	--	--	--	--	--	--	--	--	<0.0059	<0.0062	<0.0072	<0.0067	
	n-Butylbenzene	EPA 8260	3.23	RSL	mg/kg	--	--	--	--	--	--	--	--	--	--	<0.0012	<0.0012	<0.0014	<0.0013	
	sec-Butylbenzene	EPA 8260	5.87	RSL	mg/kg	--	--	--	--	--	--	--	--	--	--	<0.0012	<0.0012	<0.0014	<0.0013	
	Carbon tetrachloride	EPA 8260	0.003	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	<0.00059	<0.00062	<0.00072	<0.00067	
	Chlorobenzene	EPA 8260	0.07	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	<0.00059	<0.00062	<0.00072	<0.00067	
	Chloroethane	EPA 8260	5.92	RSL	mg/kg	--	--	--	--	--	--	--	--	--	--	<0.0012	<0.0012	<0.0014	<0.0013	
	Chloroform	EPA 8260	0.03	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	<0.00059	<0.00062	<0.00072	<0.00067	
	Chloromethane	EPA 8260	0.0486	RSL	mg/kg	--	--	--	--	--	--	--	--	--	--	<0.0012	<0.0012	<0.0014	<0.0013	
	2-Chlorotoluene	EPA 8260	0.231	RSL	mg/kg	--	--	--	--	--	--	--	--	--	--	<0.0012	<0.0012	<0.0014	<0.0013	
	4-Chlorotoluene	EPA 8260	0.241	RSL	mg/kg	--	--	--	--	--	--	--	--	--	--	<0.0012	<0.0012	<0.0014	<0.0013	
	Cumene	EPA 8260	0.738	RSL	mg/kg	--	--	--	--	--	--	--	--	--	--	<0.00059	<0.00062	<0.00072	<0.00067	
	p-Cymene	EPA 8260	3.91	CAL	mg/kg	--	--	--	--	--	--	--	--	--	--	<0.00059	<0.00062	<0.00072	<0.00067	
	Dibromochloromethane	EPA 8260	0.02	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	<0.00059	<0.00062	<0.00072	<0.00067	
	1,2-Dibromoethane	EPA 8260	0.0000141	RSL	mg/kg	--	--	--	--	--	--	--	--	--	--	<0.00059	<0.00062	<0.00072	<0.00067	
	Dibromomethane	EPA 8260	0.00197	RSL	mg/kg	--	--	--	--	--	--	--	--	--	--	<0.00059	<0.00062	<0.00072	<0.00067	
	1,2-Dichlorobenzene	EPA 8260	0.9	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	<0.00059	<0.00062	<0.00072	<0.00067	
	1,3-Dichlorobenzene	EPA 8260	0.0473	CAL	mg/kg	--	--	--	--	--	--	--	--	--	--	<0.00059	<0.00062	<0.00072	<0.00067	
	1,4-Dichlorobenzene	EPA 8260	0.1	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	<0.00059	<0.00062	<0.00072	<0.00067	
	Dichlorodifluoromethane	EPA 8260	0.304	RSL	mg/kg	--	--	--	--	--	--	--	--	--	--	<0.0012	<0.0012	<0.0014	<0.0013	
	1,1-Dichloroethane	EPA 8260	1	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	<0.00059	<0.00062	<0.00072	<0.00067	
	1,2-Dichloroethane	EPA 8260	0.001	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	<0.00059	<0.00062	<0.00072	<0.00067	
	1,1-Dichloroethene	EPA 8260	0.003	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	<0.00059	<0.00062	<0.00072	<0.00067	
	cis-1,2-Dichloroethene	EPA 8260	0.02	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	<0.00059	<0.00062	<0.00072	<0.00067	
	trans-1,2-Dichloroethene	EPA 8260	0.03	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	<0.00059	<0.00062	<0.00072	<0.00067	
1,2-Dichloropropane	EPA 8260	0.001	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	<0.00059	<0.00062	<0.00072	<0.00067		
1,3-Dichloropropane	EPA 8260	0.001	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	<0.00059	<0.00062	<0.00072	<0.00067		
2,2-Dichloropropane	EPA 8260			mg/kg	--	--	--	--	--	--	--	--	--	--	<0.0012	<0.0012	<0.0014	<0.0013		
1,1-Dichloropropene	EPA 8260			mg/kg	--	--	--	--	--	--	--	--	--	--	<0.00059	<0.00062	<0.00072	<0.00067		
cis-1,3-Dichloropropene	EPA 8260			mg/kg	--	--	--	--	--	--	--	--	--	--	<0.00059	<0.00062	<0.00072	<0.00067		

**TABLE A-2a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 3**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-13				RISB-14				SB-LB01 SB-LB01-COMPOSITE-20141211	SB-LB05 SB-LB05-COMPOSITE-20141211	SS-1001 SS-1001-20141218 COMPOSITE	SS-LB02 SS-LB02-ABCD-20150120 (COMPOSITE)			
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs					19-19.5 ft bgs	19-19.5 ft bgs	
						RISB-13-0.5-20141217	RISB-13-5.0-20141218	RISB-13-10.0-20141218	RISB-13-15.0-20141218	RISB-14-0.5-20141216	RISB-14-5.0-20141216	RISB-14-10.0-20141216	RISB-14-15.0-20141216					RISB-14-19.0-20141216	RISB-14-19.0-20141216-FD	
VOCs	trans-1,3-Dichloropropene	EPA 8260			mg/kg	--	--	--	--	--	--	--	--	--	--	--	<0.00059	<0.00062	<0.00072	<0.00067
	Diisopropyl ether	EPA 8260			mg/kg	--	--	--	--	--	--	--	--	--	--	--	<0.0012	<0.0012	<0.0014	<0.0013
	Ethyl benzene	EPA 8260	0.7	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	<0.00059	<0.00062	<0.00072	<0.00067
	Ethyl tert-butyl ether	EPA 8260			mg/kg	--	--	--	--	--	--	--	--	--	--	--	<0.0012	<0.0012	<0.0014	<0.0013
	Hexachlorobutadiene	EPA 8260	0.1	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	<0.0012	<0.0012	<0.0014	<0.0013
	2-Hexanone	EPA 8260			mg/kg	--	--	--	--	--	--	--	--	--	--	--	<0.0059	<0.0062	<0.0072	<0.0067
	Methyl tert-butyl ether	EPA 8260			mg/kg	--	--	--	--	--	--	--	--	--	--	--	<0.0012	<0.0012	<0.0014	<0.0013
	Methylene chloride	EPA 8260	0.001	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	<0.0059	<0.0062	<0.0072	<0.0067
	Naphthalene	EPA 8260	4	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	<0.0012	<0.0012	<0.0014	<0.0013
	n-Propylbenzene	EPA 8260	1.22	RSL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	<0.00059	<0.00062	<0.00072	<0.00067
	Styrene	EPA 8260	0.2	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	<0.00059	<0.00062	<0.00072	<0.00067
	1,1,1,2-Tetrachloroethane	EPA 8260	0.000218	RSL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	<0.0012	<0.0012	<0.0014	<0.0013
	1,1,2,2-Tetrachloroethane	EPA 8260	0.0002	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	<0.0012	<0.0012	<0.0014	<0.0013
	Tetrachloroethene	EPA 8260	0.003	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	<0.00059	<0.00062	<0.00072	<0.00067
	Toluene	EPA 8260	0.6	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	<0.00059	<0.00062	<0.00072	<0.00067
	1,2,3-Trichlorobenzene	EPA 8260	0.0209	RSL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	<0.0012	<0.0012	<0.0014	<0.0013
	1,2,4-Trichlorobenzene	EPA 8260	0.3	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	<0.0012	<0.0012	<0.0014	<0.0013
	1,1,1-Trichloroethane	EPA 8260	0.1	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	<0.00059	<0.00062	<0.00072	<0.00067
	1,1,2-Trichloroethane	EPA 8260	0.0009	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	<0.00059	<0.00062	<0.00072	<0.00067
	Trichloroethene	EPA 8260	0.003	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	<0.00059	<0.00062	<0.00072	<0.00067
	Trichlorofluoromethane	EPA 8260	0.731	RSL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	<0.0012	<0.0012	<0.0014	<0.0013
	1,2,3-Trichloropropane	EPA 8260	0.00000323	RSL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	<0.0012	<0.0012	<0.0014	<0.0013
	1,2,4-Trimethylbenzene	EPA 8260	0.0212	RSL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	<0.0012	<0.0012	<0.0014	<0.0013
	1,3,5-Trimethylbenzene	EPA 8260	0.167	RSL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	<0.0012	<0.0012	<0.0014	<0.0013
	Vinyl chloride	EPA 8260	0.0007	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	<0.0012	<0.0012	<0.0014	<0.0013
	m,p-Xylene	EPA 8260			mg/kg	--	--	--	--	--	--	--	--	--	--	--	<0.0012	<0.0012	<0.0014	<0.0013
	o-Xylene	EPA 8260	9	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	<0.00059	<0.00062	<0.00072	<0.00067
	1,2-Dibromo-3-chloropropane	EPA 8260	0.0000864	RSL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	<0.0024	<0.0025	<0.0029	<0.0027
4-Methyl-2-pentanone	EPA 8260			mg/kg	--	--	--	--	--	--	--	--	--	--	--	<0.0030	<0.0031	<0.0036	<0.0033	
tert Butyl alcohol	EPA 8260			mg/kg	--	--	--	--	--	--	--	--	--	--	--	<0.012	<0.012	<0.014	<0.013	
tert-Butylbenzene	EPA 8260	1.55	RSL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	<0.0012	<0.0012	<0.0014	<0.0013	
SVOCs	Acenaphthene	EPA 8270	29	BCL	mg/kg	<0.071	<0.073	<0.072	<0.071	<0.070	<0.073	<0.075	<0.073	<0.072	<0.073	--	--	--	--	
	Acenaphthene	EPA 8270-SIM	29	BCL	mg/kg	<0.0043	<0.0044	<0.0043	<0.0043	<0.0041	<0.0044	<0.0044	<0.0043	<0.0042	<0.0044	--	<0.0051	<0.0058	<0.010	
	Aniline	EPA 8270	0.00456	RSL	mg/kg	<0.090	<0.093	<0.091	<0.090	<0.088	<0.093	<0.095	<0.093	<0.091	<0.093	--	--	--	--	
	Anthracene	EPA 8270	590	BCL	mg/kg	<0.085	<0.088	<0.086	<0.085	<0.083	<0.088	<0.089	<0.087	<0.086	<0.088	--	--	--	--	
	Anthracene	EPA 8270-SIM	590	BCL	mg/kg	<0.0043	<0.0044	<0.0043	<0.0043	<0.0041	<0.0044	<0.0044	<0.0043	<0.0042	<0.0044	--	<0.0051	<0.0058	<0.010	
	Benzidine	EPA 8270			mg/kg	0.70 UJ	0.72 UJ	0.71 UJ	0.70 UJ	0.69 UJ	0.72 UJ	0.74 UJ	0.72 UJ	0.71 UJ	0.72 UJ	--	--	--	--	
	Benzo(k)fluoranthene	EPA 8270	2	BCL	mg/kg	<0.074	<0.077	<0.075	<0.074	<0.073	<0.077	<0.078	<0.076	<0.075	<0.077	--	--	--	--	
	Benzo(k)fluoranthene	EPA 8270-SIM	2	BCL	mg/kg	<0.0043	<0.0044	<0.0043	<0.0043	<b>0.0066 J</b>	<0.0044	<0.0044	<0.0043	<0.0042	<0.0044	--	<b>0.050</b>	<0.0058	<0.010	
	Benzoic acid	EPA 8270	20	BCL	mg/kg	<0.36	<0.37 R	<0.36	<0.36	<0.35	<0.37	<0.38	<0.37	<0.37	<0.37	--	--	--	--	
	Benzyl alcohol	EPA 8270	0.476	RSL	mg/kg	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.17	<0.16	<0.16	<0.16	--	--	--	--	
	4-Bromophenyl-phenyl ether	EPA 8270			mg/kg	<0.080	<0.082	<0.080	<0.079	<0.078	<0.082	<0.084	<0.082	<0.081	<0.082	--	--	--	--	
	Butylbenzylphthalate	EPA 8270	810	BCL	mg/kg	<0.085	<0.088	<0.086	<0.085	<0.083	<0.088	<0.089	<0.087	<0.086	<0.088	--	--	--	--	
	4-Chloroaniline	EPA 8270	0.03	BCL	mg/kg	<0.14	<0.15	<0.14	<0.14	<0.14	<0.15	<0.15	<0.14	<0.14	<0.15	--	--	--	--	
	2-Chloronaphthalene	EPA 8270	3.85	RSL	mg/kg	<0.071	<0.073	<0.072	<0.071	<0.070	<0.073	<0.075	<0.073	<0.072	<0.073	--	--	--	--	
	2-Chlorophenol	EPA 8270	0.2	BCL	mg/kg	<0.074	<0.077	<0.075	<0.074	<0.073	<0.077	<0.078	<0.076	<0.075	<0.077	--	--	--	--	
	4-Chlorophenyl-phenyl ether	EPA 8270			mg/kg	<0.090	<0.093	<0.091	<0.090	<0.088	<0.093	<0.095	<0.093	<0.091	<0.093	--	--	--	--	



**TABLE A-2a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 3**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-13				RISB-14						SB-LB01	SB-LB05	SS-1001	SS-LB02
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	19-19.5 ft bgs	19-19.5 ft bgs				
						RISB-13-0.5-20141217	RISB-13-5.0-20141218	RISB-13-10.0-20141218	RISB-13-15.0-20141218	RISB-14-0.5-20141216	RISB-14-5.0-20141216	RISB-14-10.0-20141216	RISB-14-15.0-20141216	RISB-14-19.0-20141216	RISB-14-19.0-20141216-FD				
SVOCs	Chrysene	EPA 8270	8	BCL	mg/kg	<0.080	<0.082	<0.080	<0.079	<0.078	<0.082	<0.084	<0.082	<0.081	<0.082	--	--	--	--
	Chrysene	EPA 8270-SIM	8	BCL	mg/kg	<0.0043	<0.0044	<0.0043	<0.0043	<b>0.017 J</b>	<0.0044	<0.0044	<0.0043	<0.0042	<0.0044	--	<b>0.095</b>	<0.0058	<0.010
	Di-n-butylphthalate	EPA 8270	270	BCL	mg/kg	<0.096	<0.099	<0.096	<0.095	<0.093	<0.099	<0.10	<0.098	<0.097	<0.099	--	--	--	--
	Di-n-octylphthalate	EPA 8270	56.5	RSL	mg/kg	<0.096	<0.099	<0.096	<0.095	<0.093	<0.099	<0.10	<0.098	<0.097	<0.099	--	--	--	--
	Dibenz(a,h)anthracene	EPA 8270	0.08	BCL	mg/kg	<0.11	<0.11	<0.11	<0.11	<0.10	<0.11	<0.11	<0.11	<0.11	<0.11	--	--	--	--
	Dibenz(a,h)anthracene	EPA 8270-SIM	0.08	BCL	mg/kg	<0.0043	<0.0044	<0.0043	<0.0043	<0.0041	<0.0044	<0.0044	<0.0043	<0.0042	<0.0044	--	<b>0.018</b>	<0.0058	<0.010
	Dibenzofuran	EPA 8270	0.145	RSL	mg/kg	<0.071	<0.073	<0.072	<0.071	<0.070	<0.073	<0.075	<0.073	<0.072	<0.073	--	--	--	--
	3,3'-Dichlorobenzidine	EPA 8270	0.0003	BCL	mg/kg	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.17	<0.16	<0.16	<0.16	--	--	--	--
	2,4-Dichlorophenol	EPA 8270	0.05	BCL	mg/kg	<0.071	<0.073	<0.072	<0.071	<0.070	<0.073	<0.075	<0.073	<0.072	<0.073	--	--	--	--
	Diethylphthalate	EPA 8270	6.08	RSL	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.099	<0.10	<0.11	<0.10	<0.10	<0.10	--	--	--	--
	2,4-Dimethylphenol	EPA 8270	0.4	BCL	mg/kg	<0.14	<0.14	<0.14	<0.14	<0.13	<0.14	<0.14	<0.14	<0.14	<0.14	--	--	--	--
	Dimethylphthalate	EPA 8270			mg/kg	<0.071	<0.073	<0.072	<0.071	<0.070	<0.073	<0.075	<0.073	<0.072	<0.073	--	--	--	--
	2,4-Dinitrophenol	EPA 8270	0.01	BCL	mg/kg	<0.35	0.36 UJ	<0.35	<0.35	0.34 UJ	<0.36	<0.37	<0.36	<0.36	<0.36	--	--	--	--
	2,4-Dinitrotoluene	EPA 8270	0.00004	BCL	mg/kg	<0.085	<0.088	<0.086	<0.085	<0.083	<0.088	<0.089	<0.087	<0.086	<0.088	--	--	--	--
	2,6-Dinitrotoluene	EPA 8270	0.00003	BCL	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.099	<0.10	<0.11	<0.10	<0.10	<0.10	--	--	--	--
	Fluoranthene	EPA 8270	210	BCL	mg/kg	<0.074	<0.077	<0.075	<0.074	<0.073	<0.077	<0.078	<0.076	<0.075	<0.077	--	--	--	--
	Fluoranthene	EPA 8270-SIM	210	BCL	mg/kg	<0.0043	<0.0044	<0.0043	<0.0043	<b>0.011 J</b>	<0.0044	<0.0044	<0.0043	<0.0042	<0.0044	--	<b>0.091</b>	<0.0058	<0.010
	Fluorene	EPA 8270	28	BCL	mg/kg	<0.074	<0.077	<0.075	<0.074	<0.073	<0.077	<0.078	<0.076	<0.075	<0.077	--	--	--	--
	Fluorene	EPA 8270-SIM	28	BCL	mg/kg	<0.0043	<0.0044	<0.0043	<0.0043	<0.0041	<0.0044	<0.0044	<0.0043	<0.0042	<0.0044	--	<0.0051	<0.0058	<0.010
	Hexachlorobenzene	EPA 8270	0.1	BCL	mg/kg	<0.074	<0.077	<0.075	<0.074	<b>1.2</b>	<0.077	<0.078	<0.076	<0.075	<0.077	--	--	--	--
	Hexachlorocyclopentadiene	EPA 8270	20	BCL	mg/kg	0.14 UJ	<0.15	0.14 UJ	0.14 UJ	0.14 UJ	0.15 UJ	0.15 UJ	0.14 UJ	0.14 UJ	0.15 UJ	--	--	--	--
	Hexachloroethane	EPA 8270	0.02	BCL	mg/kg	<0.14	<0.15	<0.14	<0.14	<0.14	<0.15	<0.15	<0.14	<0.14	<0.15	--	--	--	--
	Isophorone	EPA 8270	0.03	BCL	mg/kg	<0.071	<0.073	<0.072	<0.071	<0.070	<0.073	<0.075	<0.073	<0.072	<0.073	--	--	--	--
	1-Methylnaphthalene	EPA 8270	0.00584	RSL	mg/kg	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.17	<0.16	<0.16	<0.16	--	--	--	--
	2-Methylnaphthalene	EPA 8270	0.185	RSL	mg/kg	<0.074	<0.077	<0.075	<0.074	<0.073	<0.077	<0.078	<0.076	<0.075	<0.077	--	--	--	--
	2-Methylphenol	EPA 8270	0.8	BCL	mg/kg	<0.085	<0.088	<0.086	<0.085	<0.083	<0.088	<0.089	<0.087	<0.086	<0.088	--	--	--	--
	3&4-Methylphenol	EPA 8270			mg/kg	<0.14	<0.15	<0.14	<0.14	<0.14	<0.15	<0.15	<0.14	<0.14	<0.15	--	--	--	--
	Naphthalene	EPA 8270	4	BCL	mg/kg	<0.071	<0.073	<0.072	<0.071	<0.070	<0.073	<0.075	<0.073	<0.072	<0.073	--	--	--	--
	Naphthalene	EPA 8270-SIM	4	BCL	mg/kg	<0.0043	<0.0044	<0.0043	<0.0043	<0.0041	<0.0044	<0.0044	<0.0043	<0.0042	<0.0044	--	<b>0.0093</b>	<0.0058	<0.010
	2-Nitroaniline	EPA 8270	0.0801	RSL	mg/kg	<0.071	<0.073	<0.072	<0.071	<0.070	<0.073	<0.075	<0.073	<0.072	<0.073	--	--	--	--
	3-Nitroaniline	EPA 8270			mg/kg	<0.14	<0.15	<0.14	<0.14	<0.14	<0.15	<0.15	<0.14	<0.14	<0.15	--	--	--	--
	4-Nitroaniline	EPA 8270	0.00158	RSL	mg/kg	<0.14	<0.15	<0.14	<0.14	<0.14	<0.15	<0.15	<0.14	<0.14	<0.15	--	--	--	--
	Nitrobenzene	EPA 8270	0.007	BCL	mg/kg	<0.074	<0.077	<0.075	<0.074	<0.073	<0.077	<0.078	<0.076	<0.075	<0.077	--	--	--	--
	2-Nitrophenol	EPA 8270			mg/kg	<0.14	<0.15	<0.14	<0.14	<0.14	<0.15	<0.15	<0.14	<0.14	<0.15	--	--	--	--
	4-Nitrophenol	EPA 8270			mg/kg	<0.15	<0.15	<0.15	<0.15	0.15 UJ	<0.15	<0.16	<0.15	<0.15	<0.15	--	--	--	--
	n-Nitrosodiphenylamine	EPA 8270	0.06	BCL	mg/kg	<0.085	<0.088	<0.086	<0.085	<0.083	<0.088	<0.089	<0.087	<0.086	<0.088	--	--	--	--
	Octachlorostyrene	EPA 8270			mg/kg	<2.4	<2.5	<2.5	<2.4	<2.4	<2.5	<2.6	<2.5	<2.5	<2.5	--	--	--	--
	Pentachlorophenol	EPA 8270	0.001	BCL	mg/kg	<0.36	0.37 UJ	<0.36	<0.36	<0.35	<0.37	<0.37	<0.38	<0.37	<0.37	--	--	--	--
	Phenol	EPA 8270	5	BCL	mg/kg	<0.096	<0.099	<0.096	<0.095	<0.093	<0.099	<0.10	<0.098	<0.097	<0.099	--	--	--	--
	Pyrene	EPA 8270	210	BCL	mg/kg	<0.085	<0.088	<0.086	<0.085	<0.083	<0.088	<0.089	<0.087	<0.086	<0.088	--	--	--	--
	Pyrene	EPA 8270-SIM	210	BCL	mg/kg	<0.0043	<0.0044	<0.0043	<0.0043	<b>0.011 J</b>	<0.0044	<0.0044	<0.0043	<0.0042	<0.0044	--	<b>0.15</b>	<0.0058	<0.010
	Pyridine	EPA 8270			mg/kg	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.17	<0.16	<0.16	<0.16	--	--	--	--
2,4,5-Trichlorophenol	EPA 8270	14	BCL	mg/kg	<0.14	<0.14	<0.14	<0.14	<0.13	<0.14	<0.14	<0.14	<0.14	<0.14	--	--	--	--	
2,4,6-Trichlorophenol	EPA 8270	0.008	BCL	mg/kg	<0.080	<0.082	<0.080	<0.079	<0.078	<0.082	<0.084	<0.082	<0.081	<0.082	--	--	--	--	
bis(2-Chloroethoxy)methane	EPA 8270	0.0135	RSL	mg/kg	<0.14	<0.15	<0.14	<0.14	<0.14	<0.15	<0.15	<0.14	<0.14	<0.15	--	--	--	--	
bis(2-Chloroethyl) ether	EPA 8270	0.00002	BCL	mg/kg	<0.074	<0.077	<0.075	<0.074	<0.073	<0.077	<0.078	<0.076	<0.075	<0.077	--	--	--	--	
bis(2-Ethylhexyl)phthalate	EPA 8270	180	BCL	mg/kg	<0.096	<0.099	<0.096	<0.095	<0.093	<0.099	<0.10	<0.098	<0.097	<0.099	--	--	--	--	
4-Chloro-3-methylphenol	EPA 8270	1.71	RSL	mg/kg	<0.074	<0.077	<0.075	<0.074	<0.073	<0.077	<0.078	<0.076	<0.075	<0.077	--	--	--	--	

**TABLE A-2a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 3**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-13				RISB-14						SB-LB01	SB-LB05	SS-1001	SS-LB02
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	19-19.5 ft bgs	19-19.5 ft bgs				
						RISB-13-0.5-20141217	RISB-13-5.0-20141218	RISB-13-10.0-20141218	RISB-13-15.0-20141218	RISB-14-0.5-20141216	RISB-14-5.0-20141216	RISB-14-10.0-20141216	RISB-14-15.0-20141216	RISB-14-19.0-20141216	RISB-14-19.0-20141216-FD				
SVOCs	n-Nitroso-di-n-propylamine	EPA 8270	0.000002	BCL	mg/kg	<0.074	<0.077	<0.075	<0.074	<0.073	<0.077	<0.078	<0.076	<0.075	<0.077	--	--	--	--
Organo-phosphorus Pesticides	Atrazine	EPA 8141A			mg/kg	<0.013	<0.013	<0.013	<0.013	<0.012	<0.013	<0.013	<0.012	<0.012	<0.013	--	--	--	--
	Chlorpyrifos	EPA 8141A	0.124	RSL	mg/kg	<0.0067	<0.0072	<0.0069	<0.0068	<0.0066	<0.0071	<0.0069	<0.0065	<0.0065	<0.0070	--	--	--	--
	Coumaphos	EPA 8141A			mg/kg	<0.0029	<0.0031	<0.0030	<0.0029	<0.0028	<0.0031	<0.0030	<0.0028	<0.0028	<0.0030	--	--	--	--
	Dasanit	EPA 8141A			mg/kg	<0.0084	<0.0090	<0.0086	<0.0085	<0.0083	<0.0089	<0.0087	<0.0083	<0.0082	<0.0089	--	--	--	--
	Demeton (O + S)	EPA 8141A			mg/kg	<0.0078	<0.0083	<0.0080	<0.0079	<0.0077	<0.0082	<0.0080	<0.0076	<0.0076	<0.0082	--	--	--	--
	Demeton-O	EPA 8141A			mg/kg	<0.0055	<0.0059	<0.0056	<0.0055	<0.0054	<0.0058	<0.0056	<0.0054	<0.0053	<0.0058	--	--	--	--
	Demeton-S	EPA 8141A			mg/kg	<0.0050	<0.0054	<0.0052	<0.0051	<0.0049	<0.0053	<0.0052	<0.0049	<0.0049	<0.0053	--	--	--	--
	Diazinon	EPA 8141A	0.0648	RSL	mg/kg	<0.0075	<0.0080	<0.0077	<0.0076	<0.0074	<0.0080	<0.0077	<0.0074	<0.0073	<0.0079	--	--	--	--
	Dibrom	EPA 8141A			mg/kg	<0.023	<0.025	<0.024	<0.024	<0.023	<0.025	<0.024	<0.023	<0.023	<0.025	--	--	--	--
	Dichlorovos	EPA 8141A	0.0000811	RSL	mg/kg	<0.0077	<0.0082	<0.0078	<0.0078	<0.0075	<0.0081	<0.0079	<0.0075	<0.0075	<0.0080	--	--	--	--
	Dimethoate	EPA 8141A	0.000899	RSL	mg/kg	<0.0073	<0.0078	<0.0075	<0.0074	<0.0072	<0.0078	<0.0075	<0.0072	<0.0072	<0.0077	--	--	--	--
	Disulfoton	EPA 8141A	0.000939	RSL	mg/kg	<0.0080	<0.0086	<0.0082	<0.0081	<0.0079	<0.0085	<0.0082	<0.0078	<0.0078	<0.0084	--	--	--	--
	Ethoprop nitrophenyl benzenethiophosphate	EPA 8141A	0.00277	RSL	mg/kg	<0.0038	<0.0041	<0.0039	<0.0039	<0.0037	<0.0040	<0.0039	<0.0037	<0.0037	<0.0040	--	--	--	--
	Famphur	EPA 8141A			mg/kg	<0.0033	<0.0036	<0.0034	<0.0034	<0.0033	<0.0035	<0.0034	<0.0033	<0.0033	<0.0035	--	--	--	--
	Fenthion	EPA 8141A			mg/kg	<0.0091	<0.0097	<0.0093	<0.0092	<0.0089	<0.0096	<0.0093	<0.0089	<0.0088	<0.0095	--	--	--	--
	Guthion	EPA 8141A			mg/kg	<0.0036	<0.0039	<0.0037	<0.0037	<0.0036	<0.0038	<0.0037	<0.0035	<0.0035	<0.0038	--	--	--	--
	Malathion	EPA 8141A	0.102	RSL	mg/kg	<0.0048	<0.0051	<0.0049	<0.0049	<0.0047	<0.0051	<0.0049	<0.0047	<0.0047	<0.0050	--	--	--	--
	Merphos	EPA 8141A	0.059	RSL	mg/kg	<0.0053	<0.0057	<0.0055	<0.0054	<0.0052	<0.0056	<0.0055	<0.0052	<0.0052	<0.0056	--	--	--	--
	Methyl parathion	EPA 8141A	7.41	RSL	µg/kg	<6.6	<7.1	<6.8	<6.7	<6.5	<7.0	<6.8	<6.5	<6.4	<6.9	--	--	--	--
	Mevinphos	EPA 8141A			mg/kg	<0.0048	<0.0051	<0.0049	<0.0048	<0.0047	<0.0051	<0.0049	<0.0047	<0.0047	<0.0050	--	--	--	--
Parathion	EPA 8141A	432	RSL	µg/kg	<5.5	<5.9	<5.6	<5.5	<5.4	<5.8	<5.6	<5.4	<5.3	<5.8	--	--	--	--	
Phorate	EPA 8141A	0.00338	RSL	mg/kg	<0.0059	<0.0063	<0.0060	<0.0060	<0.0058	<0.0062	<0.0061	<0.0058	<0.0058	<0.0062	--	--	--	--	
Prothiophos	EPA 8141A			mg/kg	<0.0041	<0.0043	<0.0041	<0.0041	<0.0040	<0.0043	<0.0042	<0.0040	<0.0040	<0.0043	--	--	--	--	
Ronnel	EPA 8141A	3.7	RSL	mg/kg	<0.016	<0.017	<0.016	<0.016	<0.015	<0.017	<0.016	<0.015	<0.015	<0.017	--	--	--	--	
Simazine	EPA 8141A			mg/kg	<0.023	<0.024	<0.023	<0.023	<0.022	<0.024	<0.024	<0.022	<0.022	<0.024	--	--	--	--	
Stirophos	EPA 8141A			mg/kg	<0.0045	<0.0048	<0.0046	<0.0046	<0.0044	<0.0048	<0.0046	<0.0044	<0.0044	<0.0047	--	--	--	--	
Sulfotepp	EPA 8141A			mg/kg	<0.0065	<0.0069	<0.0066	<0.0066	<0.0064	<0.0069	<0.0067	<0.0063	<0.0063	<0.0068	--	--	--	--	
Sulprofos	EPA 8141A			mg/kg	<0.0044	<0.0047	<0.0045	<0.0044	<0.0043	<0.0046	<0.0045	<0.0043	<0.0043	<0.0046	--	--	--	--	
Thionazin	EPA 8141A			mg/kg	<0.0058	<0.0062	<0.0059	<0.0058	<0.0057	<0.0061	<0.0059	<0.0056	<0.0056	<0.0061	--	--	--	--	
o-Ethyl o-2,4,5-trichlorophenyl ethyl-phosphonothioate	EPA 8141A			mg/kg	<0.0065	<0.0069	<0.0066	<0.0066	<0.0064	<0.0068	<0.0067	<0.0063	<0.0063	<0.0068	--	--	--	--	
Organo-chlorine Pesticides	Aldrin	EPA 8081	0.02	BCL	mg/kg	<0.0016	<0.0017	0.0017 UJ	<0.0016	<0.0016	<0.0016	0.0017 UJ	<0.0016	<0.0016	<0.0016	--	--	--	--
	alpha-BHC	EPA 8081	0.0266	BCL	mg/kg	<0.0016	<0.0017	0.0017 UJ	<0.0016	<0.0016	<0.0016	0.0017 UJ	<0.0016	<0.0016	<0.0016	--	--	--	--
	beta-BHC	EPA 8081	0.00545	BCL	mg/kg	<b>0.0030 J</b>	<b>0.0019 J</b>	<b>0.0039 J</b>	<b>0.0045 J</b>	<b>0.016 J</b>	<0.0016	<0.0017	<0.0016	<b>0.0021 J</b>	<b>0.0020 J</b>	--	--	--	--
	delta-BHC	EPA 8081	28.1	BCL	mg/kg	<0.0016	<0.0017	0.0017 UJ	<0.0016	<0.0016	<0.0016	0.0017 UJ	<0.0016	<0.0016	<0.0016	--	--	--	--
	gamma-BHC	EPA 8081	0.0005	BCL	mg/kg	<0.0016	<0.0017	0.0017 UJ	<0.0016	<0.0016	<0.0016	<0.0017	<0.0016	<0.0016	<0.0016	--	--	--	--
	alpha-Chlordane	EPA 8081			mg/kg	<0.0021	<0.0022	0.0022 UJ	<0.0022	<0.0021	<0.0022	0.0022 UJ	<0.0022	<0.0021	<0.0022	--	--	--	--
	gamma-Chlordane	EPA 8081			mg/kg	<0.0016	<0.0017	0.0017 UJ	<0.0016	<0.0016	<0.0016	0.0017 UJ	<0.0016	<0.0016	<0.0016	--	--	--	--
	4,4'-DDD	EPA 8081	0.8	BCL	mg/kg	<0.0016	<0.0017	0.0017 UJ	<0.0016	<0.0016	<0.0016	<0.0017	<0.0016	<0.0016	<0.0016	--	--	--	--
	2,4'-DDE	EPA 8081			mg/kg	<0.0016	<0.0017	0.0017 UJ	<0.0016	<b>0.0060 J</b>	<0.0016	<0.0017	<0.0016	<0.0016	<0.0016	--	--	--	--
	4,4'-DDE	EPA 8081	3	BCL	mg/kg	<b>0.0034 J</b>	<0.0017	0.0017 UJ	<0.0016	<b>0.011 J</b>	<0.0016	<0.0017	<0.0016	<0.0016	<0.0016	--	--	--	--
	4,4'-DDT	EPA 8081	2	BCL	mg/kg	<b>0.0018 J</b>	<0.0017	0.0017 UJ	<0.0016	<b>0.0039 J</b>	<0.0016	<0.0017	<0.0016	<0.0016	<0.0016	--	--	--	--
	Dieldrin	EPA 8081	0.0002	BCL	mg/kg	<0.0016	<0.0017	0.0017 UJ	<0.0016	<0.0016	<0.0016	<0.0017	<0.0016	<0.0016	<0.0016	--	--	--	--
	Endosulfan I	EPA 8081			mg/kg	<0.0016	<0.0017	0.0017 UJ	<0.0016	<0.0016	<0.0016	<0.0017	<0.0016	<0.0016	<0.0016	--	--	--	--
	Endosulfan II	EPA 8081			mg/kg	<0.0016	<0.0017	0.0017 UJ	<0.0016	<0.0016	<0.0016	0.0017 UJ	<0.0016	<0.0016	<0.0016	--	--	--	--
Endosulfan sulfate	EPA 8081			mg/kg	<0.0021	<0.0022	0.0022 UJ	<0.0022	<0.0021	<0.0022	0.0022 UJ	<0.0022	<0.0021	<0.0022	--	--	--	--	



TABLE A-2a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 3  
RI Data Evaluation  
Nevada Environmental Response Trust Site; Henderson, Nevada

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-13				RISB-14						SB-LB01	SB-LB05	SS-1001	SS-LB02
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	19-19.5 ft bgs	19-19.5 ft bgs				
						RISB-13-0.5-20141217	RISB-13-5.0-20141218	RISB-13-10.0-20141218	RISB-13-15.0-20141218	RISB-14-0.5-20141216	RISB-14-5.0-20141216	RISB-14-10.0-20141216	RISB-14-15.0-20141216	RISB-14-19.0-20141216	RISB-14-19.0-20141216-FD				
Organo-chlorine Pesticides	Endrin	EPA 8081	0.05	BCL	mg/kg	<0.0016	<0.0017	0.0017 UJ	<0.0016	<0.0016	<0.0016	<0.0017	<0.0016	<0.0016	<0.0016	--	--	--	--
	Endrin aldehyde	EPA 8081			mg/kg	<0.0016	<0.0017	0.0017 UJ	<0.0016	<0.0016	<0.0016	<0.0017	<0.0016	<0.0016	<0.0016	--	--	--	--
	Endrin ketone	EPA 8081			mg/kg	<0.0021	<0.0022	0.0022 UJ	<0.0022	<0.0021	<0.0022	<0.0022	<0.0022	<0.0021	<0.0022	--	--	--	--
	Heptachlor	EPA 8081	1	BCL	mg/kg	<0.0021	<0.0022	0.0022 UJ	<0.0022	<0.0021	<0.0022	<0.0022	<0.0022	<0.0021	<0.0022	--	--	--	--
	Heptachlor epoxide	EPA 8081	0.03	BCL	mg/kg	<0.0021	<0.0022	0.0022 UJ	<0.0022	<0.0021	<0.0022	0.0022 UJ	<0.0022	<0.0021	<0.0022	--	--	--	--
	Methoxychlor	EPA 8081	8	BCL	mg/kg	<0.0016	<0.0017	0.0017 UJ	<0.0016	<0.0016	<0.0016	<0.0017	<0.0016	<0.0016	<0.0016	--	--	--	--
	Toxaphene	EPA 8081	2	BCL	mg/kg	<0.053	<0.055	0.055 UJ	<0.054	<0.052	<0.055	<0.056	<0.054	<0.054	<0.055	--	--	--	--
PAHs	Acenaphthylene	EPA 8270	0.0106	CAL	mg/kg	<0.074	<0.077	<0.075	<0.074	<0.073	<0.077	<0.078	<0.076	<0.075	<0.077	--	--	--	--
	Acenaphthylene	EPA 8270-SIM	0.0106	CAL	mg/kg	<0.0043	<0.0044	<0.0043	<0.0043	<0.0041	<0.0044	<0.0044	<0.0043	<0.0042	<0.0044	--	<0.0051	<0.0058	<0.010
	Benzo(a)anthracene	EPA 8270	0.08	BCL	mg/kg	<0.074	<0.077	<0.075	<0.074	<0.073	<0.077	<0.078	<0.076	<0.075	<0.077	--	--	--	--
	Benzo(a)anthracene	EPA 8270-SIM	0.08	BCL	mg/kg	<0.0043	<0.0044	<0.0043	<0.0043	<b>0.0081 J</b>	<0.0044	<0.0044	<0.0043	<0.0042	<0.0044	--	<b>0.089</b>	<0.0058	<0.010
	Benzo(a)pyrene	EPA 8270	0.4	BCL	mg/kg	<0.071	<0.073	<0.072	<0.071	<0.070	<0.073	<0.075	<0.073	<0.072	<0.073	--	--	--	--
	Benzo(a)pyrene	EPA 8270-SIM	0.4	BCL	mg/kg	<0.0043	<0.0044	<0.0043	<0.0043	<b>0.0083 J</b>	<0.0044	<0.0044	<0.0043	<0.0042	<0.0044	--	<b>0.069</b>	<0.0058	<0.010
	Benzo(b)fluoranthene	EPA 8270	0.2	BCL	mg/kg	<0.074	<0.077	<0.075	<0.074	<0.073	<0.077	<0.078	<0.076	<0.075	<0.077	--	--	--	--
	Benzo(b)fluoranthene	EPA 8270-SIM	0.2	BCL	mg/kg	<0.0043	<0.0044	<0.0043	<0.0043	<b>0.022 J</b>	<0.0044	<0.0044	<0.0043	<0.0042	<0.0044	--	<b>0.14</b>	<0.0058	<0.010
	Benzo(g,h,i)perylene	EPA 8270			mg/kg	<0.12	<0.12	<0.12	<0.12	<0.11	<0.12	<0.12	<0.12	<0.12	<0.12	--	--	--	--
	Benzo(g,h,i)perylene	EPA 8270-SIM			mg/kg	<0.0043	<0.0044	<0.0043	<0.0043	<b>0.0068 J</b>	<0.0044	<0.0044	<0.0043	<0.0042	<0.0044	--	<b>0.071</b>	<0.0058	<0.010
	Indeno(1,2,3-cd)pyrene	EPA 8270	0.7	BCL	mg/kg	0.14 UJ	<0.14	0.14 UJ	0.14 UJ	<0.13	0.14 UJ	0.14 UJ	0.14 UJ	0.14 UJ	0.14 UJ	--	--	--	--
	Indeno(1,2,3-cd)pyrene	EPA 8270-SIM	0.7	BCL	mg/kg	<0.0043	<0.0044	<0.0043	<0.0043	<b>0.0085 J</b>	<0.0044	<0.0044	<0.0043	<0.0042	<0.0044	--	<b>0.078</b>	<0.0058	<0.010
	Phenanthrene	EPA 8270	0.0243	CAL	mg/kg	<0.071	<0.073	<0.072	<0.071	<0.070	<0.073	<0.075	<0.073	<0.072	<0.073	--	--	--	--
Phenanthrene	EPA 8270-SIM	0.0243	CAL	mg/kg	<0.0043	<0.0044	<0.0043	<0.0043	<0.0041	<0.0044	<0.0044	<0.0043	<0.0042	<0.0044	--	<b>0.0051</b>	<0.0058	<0.010	
PCBs	Aroclor-1260	EPA 8082	0.00549	RSL	mg/kg	<0.018	<0.019	<0.019	<0.018	<0.018	<0.019	0.019 UJ	<0.018	<0.018	<0.019	--	--	--	--
	PCB-001	EPA 1668A			pg/g	<b>18 J</b>	<b>3.2 J</b>	<b>58</b>	<b>18 J</b>	<b>97 J</b>	<b>2.4 J</b>	<b>1.6 J</b>	<b>15 J</b>	<b>10 J</b>	<b>12 J</b>	--	--	--	--
	PCB-002	EPA 1668A			pg/g	<b>5.4 J</b>	<0.31	<b>14 J</b>	<b>5.2 J</b>	<b>160 J</b>	<0.25	<0.40	<0.35	0.28 UJ	<b>0.47 J</b>	--	--	--	--
	PCB-003	EPA 1668A			pg/g	<b>7.1 J</b>	<b>1.5 J</b>	<b>50</b>	<b>31</b>	<b>310 J</b>	<b>0.38 J</b>	<0.42	<b>4.2 J</b>	<b>3.6 J</b>	<b>4.7 J</b>	--	--	--	--
	PCB-004	EPA 1668A			pg/g	<32	<b>27</b>	<b>680</b>	<b>650</b>	<160	<b>15 J</b>	<b>15 J</b>	<b>290</b>	<b>310</b>	<b>340</b>	--	--	--	--
	PCB-005	EPA 1668A			pg/g	<18	<7.6	<b>28</b>	<10	<120	<4.5	<4.6	<3.2	<3.8	<1.9	--	--	--	--
	PCB-006	EPA 1668A			pg/g	<18	<b>11 J</b>	<b>300</b>	<b>240</b>	<120	<4.5	<4.6	<b>6.6 J</b>	<b>31</b>	<b>35</b>	--	--	--	--
	PCB-007	EPA 1668A			pg/g	<17	<7.4	<8.5	<9.8	<120	<4.3	<4.5	<3.1	<3.7	<1.9	--	--	--	--
	PCB-008	EPA 1668A			pg/g	<17	<b>32</b>	<b>820</b>	<b>1,500</b>	<b>360 J</b>	<4.2	<4.4	<b>5.9 J</b>	<b>53</b>	<b>55</b>	--	--	--	--
	PCB-009	EPA 1668A			pg/g	<19	<8.3	<b>60</b>	<b>15 J</b>	<130	<4.8	<5.0	<3.5	<b>6.5 J</b>	<b>6.8 J</b>	--	--	--	--
	PCB-010	EPA 1668A			pg/g	<22	<8.7	<b>17 J</b>	<b>15 J</b>	<110	<5.4	<7.5	<4.2	3.8 UJ	<b>5.4 J</b>	--	--	--	--
	PCB-011	EPA 1668A			pg/g	<20	<b>35 J</b>	<b>41 J</b>	<b>25 J</b>	<130	<b>22 J</b>	<b>28 J</b>	<b>25 J</b>	<b>21 J</b>	<b>22 J</b>	--	--	--	--
	PCB-014	EPA 1668A			pg/g	<17	<7.1	<8.1	<9.4	<110	<4.1	<4.3	<3.0	<3.6	<1.8	--	--	--	--
	PCB-015	EPA 1668A			pg/g	<23	<11	<14	<17	<b>1,600</b>	<6.7	<6.7	<4.6	<5.6	<3.1	--	--	--	--
	PCB-016	EPA 1668A			pg/g	<b>5.7 J</b>	<b>12 J</b>	<b>79</b>	<b>120</b>	<b>86 J</b>	<0.60	<0.69	<0.77	0.67 UJ	<b>0.92 J</b>	--	--	--	--
	PCB-017	EPA 1668A			pg/g	<b>3.6 J</b>	<b>3.3 J</b>	<b>27</b>	<b>36</b>	<b>68 J</b>	<0.48	<0.55	<0.61	<0.53	<0.36	--	--	--	--
	PCB-019	EPA 1668A			pg/g	<2.9	<b>1.4 J</b>	<b>17 J</b>	<b>22</b>	<16	<0.46	<0.55	<b>0.71 J</b>	<b>2.6 J</b>	<b>3.1 J</b>	--	--	--	--
	PCB-022	EPA 1668A			pg/g	<b>13 J</b>	<0.68	<0.61	<0.70	<b>120 J</b>	<0.51	<0.61	<0.48	<0.36	<0.39	--	--	--	--
	PCB-023	EPA 1668A			pg/g	<5.0	<0.55	<0.49	<0.56	<50	<0.41	<0.49	<0.39	<0.29	<0.32	--	--	--	--
	PCB-024	EPA 1668A			pg/g	<2.2	<0.66	<1.3	<b>3.8 J</b>	<13	<0.39	<0.44	<0.49	<0.43	<0.29	--	--	--	--
	PCB-025	EPA 1668A			pg/g	<5.2	<0.56	<0.50	<0.58	<b>99 J</b>	<0.42	<0.50	<0.40	<0.30	<0.32	--	--	--	--
	PCB-027	EPA 1668A			pg/g	<2.1	<0.64	<b>4.2 J</b>	<b>4.5 J</b>	<b>39 J</b>	<0.38	<0.43	<0.48	<0.42	<0.28	--	--	--	--
	PCB-031	EPA 1668A			pg/g	<b>21 J</b>	<b>0.68 J</b>	<b>0.82 J</b>	<b>6.5 J</b>	<b>320 J</b>	<0.42	<0.50	<0.40	<b>0.54 J</b>	0.33 UJ	--	--	--	--
PCB-032	EPA 1668A			pg/g	<b>2.2 J</b>	<b>1.7 J</b>	<b>9.3 J</b>	<b>20 J</b>	<b>35 J</b>	<0.30	<0.34	<0.38	<0.33	<0.23	--	--	--	--	
PCB-034	EPA 1668A			pg/g	<5.5	<0.61	<0.54	<0.62	<b>87 J</b>	<0.45	<0.54	<0.43	<0.32	<0.35	--	--	--	--	
PCB-035	EPA 1668A			pg/g	<6.4	<0.70	<0.62	<0.71	<b>430 J</b>	<0.52	<0.62	<0.49	<0.37	<0.40	--	--	--	--	
PCB-036	EPA 1668A			pg/g	<5.9	<0.64	<0.57	<0.66	<b>130 J</b>	<0.48	<0.57	<0.46	<0.34	<0.37	--	--	--	--	
PCB-037	EPA 1668A			pg/g	<b>32 J</b>	<1.0	<0.99	<1.2	<b>650 J</b>	<0.79	<0.89	<0.75	<0.56	<0.66	--	--	--	--	

TABLE A-2a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 3  
RI Data Evaluation  
Nevada Environmental Response Trust Site; Henderson, Nevada

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-13				RISB-14						SB-LB01	SB-LB05	SS-1001	SS-LB02
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	19-19.5 ft bgs	19-19.5 ft bgs				
						RISB-13-0.5-20141217	RISB-13-5.0-20141218	RISB-13-10.0-20141218	RISB-13-15.0-20141218	RISB-14-0.5-20141216	RISB-14-5.0-20141216	RISB-14-10.0-20141216	RISB-14-15.0-20141216	RISB-14-19.0-20141216	RISB-14-19.0-20141216-FD				
PCBs	PCB-038	EPA 1668A			pg/g	<6.4	<0.70	<0.62	<0.71	<63	<0.52	<0.62	<0.49	<0.37	<0.40	--	--	--	--
	PCB-039	EPA 1668A			pg/g	<5.7	<0.62	<0.55	<0.63	<56	<0.46	<0.55	<0.44	<0.33	<0.36	--	--	--	--
	PCB-041	EPA 1668A			pg/g	<2.3	<0.59	<0.55	<0.50	63 J	<0.37	<0.44	<0.33	<0.30	<0.22	--	--	--	--
	PCB-042	EPA 1668A			pg/g	6.6 J	<0.47	<0.44	<0.40	140 J	<0.29	<0.35	<0.26	<0.24	<0.17	--	--	--	--
	PCB-043	EPA 1668A			pg/g	<2.2	<0.57	<0.53	<0.48	140 J	<0.35	<0.43	<0.32	<0.29	<0.21	--	--	--	--
	PCB-045	EPA 1668A			pg/g	6.0 J	<0.57	<0.53	<0.48	66 J	<0.35	<0.43	<0.32	<0.29	<0.21	--	--	--	--
	PCB-046	EPA 1668A			pg/g	<2.2	<0.56	<0.53	<0.48	<10	<0.35	<0.43	<0.31	<0.29	<0.21	--	--	--	--
	PCB-048	EPA 1668A			pg/g	3.9 J	<0.48	<0.45	<0.40	140 J	<0.30	<0.36	<0.27	<0.24	<0.18	--	--	--	--
	PCB-051	EPA 1668A			pg/g	<1.7	<0.44	<0.41	<0.37	49 J	<0.27	<0.33	<0.24	0.22 UJ	0.29 J	--	--	--	--
	PCB-052	EPA 1668A			pg/g	81 J	<0.52	<0.49	0.94 J	390 J	0.86 J	<0.39	0.53 J	0.58 J	0.53 J	--	--	--	--
	PCB-054	EPA 1668A			pg/g	<1.4	<0.30	<0.29	<0.28	<6.0	<0.21	<0.25	<0.23	<0.12	<0.11	--	--	--	--
	PCB-055	EPA 1668A			pg/g	<4.2	<0.52	<0.47	<0.52	160 J	<0.37	<0.33	<0.30	<0.33	<0.25	--	--	--	--
	PCB-056	EPA 1668A			pg/g	12 J	<0.63	<0.57	<0.63	670 J	<0.44	<0.40	<0.36	1.3 J	1.3 J	--	--	--	--
	PCB-057	EPA 1668A			pg/g	<4.7	<0.58	<0.52	<0.58	<92	<0.41	<0.37	<0.33	<0.36	<0.28	--	--	--	--
	PCB-058	EPA 1668A			pg/g	<4.7	<0.58	<0.52	<0.58	<92	<0.40	<0.37	<0.33	<0.36	<0.28	--	--	--	--
	PCB-060	EPA 1668A			pg/g	7.8 J	<0.57	<0.51	<0.57	200 J	<0.40	<0.36	<0.33	<0.35	<0.27	--	--	--	--
	PCB-063	EPA 1668A			pg/g	<4.4	<0.54	<0.49	<0.54	150 J	<0.38	<0.35	<0.31	<0.34	<0.26	--	--	--	--
	PCB-064	EPA 1668A			pg/g	17 J	<0.32	<0.30	<0.27	150 J	<0.20	<0.24	<0.18	<0.16	<0.12	--	--	--	--
	PCB-066	EPA 1668A			pg/g	37 J	<0.65	<0.59	<0.65	940 J	<0.46	<0.42	<0.37	<0.40	<0.31	--	--	--	--
	PCB-067	EPA 1668A			pg/g	<4.3	<0.54	<0.48	<0.53	<85	<0.38	<0.34	<0.31	<0.33	<0.26	--	--	--	--
	PCB-068	EPA 1668A			pg/g	<4.3	<0.53	<0.48	<0.53	230 J	<0.37	<0.34	<0.31	<0.33	<0.25	--	--	--	--
	PCB-072	EPA 1668A			pg/g	<4.5	<0.56	<0.50	<0.56	310 J	<0.39	<0.36	<0.32	<0.35	<0.27	--	--	--	--
	PCB-073	EPA 1668A			pg/g	<1.4	<0.36	<0.34	<0.31	60 J	<0.22	<0.27	<0.20	<0.18	<0.13	--	--	--	--
	PCB-077	EPA 1668A			pg/g	11 J	<1.1	<1.0	<1.1	470	<0.73	<0.63	<0.59	<0.66	<0.55	--	--	--	--
	PCB-078	EPA 1668A			pg/g	<5.3	<0.65	<0.59	<0.65	<100	<0.46	<0.42	<0.37	<0.40	<0.31	--	--	--	--
	PCB-079	EPA 1668A			pg/g	<4.9	<0.60	<0.54	<0.60	290 J	<0.42	<0.39	<0.35	<0.37	<0.29	--	--	--	--
	PCB-080	EPA 1668A			pg/g	<4.3	<0.54	<0.48	<0.54	150 J	<0.38	<0.34	<0.31	<0.33	<0.26	--	--	--	--
	PCB-081	EPA 1668A	61.8	RSL	pg/g	<6.2	<0.94	<0.91	<1.0	270	<0.63	<0.54	<0.50	<0.57	<0.48	--	--	--	--
	PCB-082	EPA 1668A			pg/g	<10	<0.58	<0.49	<0.62	<310	<0.40	<0.33	<0.36	<0.38	<0.41	--	--	--	--
	PCB-083	EPA 1668A			pg/g	<12	<0.64	<0.54	<0.69	<340	<0.45	<0.36	<0.40	<0.42	<0.45	--	--	--	--
	PCB-084	EPA 1668A			pg/g	<11	<0.59	<0.50	<0.63	<310	<0.41	<0.33	<0.36	<0.39	<0.41	--	--	--	--
	PCB-089	EPA 1668A			pg/g	<9.9	<0.55	<0.47	<0.59	<290	<0.38	<0.31	<0.34	<0.36	<0.39	--	--	--	--
PCB-092	EPA 1668A			pg/g	23 J	<0.52	<0.44	<0.55	530 J	<0.36	<0.29	<0.32	<0.34	<0.36	--	--	--	--	
PCB-094	EPA 1668A			pg/g	<9.4	<0.52	<0.44	<0.56	<280	<0.36	<0.29	<0.33	<0.34	<0.37	--	--	--	--	
PCB-095	EPA 1668A			pg/g	82 J	<0.51	<0.43	<0.55	1,600	0.99 J	0.54 J	<0.32	<0.34	<0.36	--	--	--	--	
PCB-096	EPA 1668A			pg/g	<2.3	<0.34	<0.27	<0.23	44 J	<0.19	<0.20	<0.17	<0.18	<0.24	--	--	--	--	
PCB-099	EPA 1668A			pg/g	50 J	<0.45	<0.38	<0.49	490 J	<0.31	<0.25	<0.28	<0.30	<0.32	--	--	--	--	
PCB-103	EPA 1668A			pg/g	<8.4	<0.47	<0.40	<0.50	<250	<0.32	<0.26	<0.29	<0.31	<0.33	--	--	--	--	
PCB-104	EPA 1668A			pg/g	<1.9	<0.25	<0.19	<0.16	50 J	<0.15	<0.15	<0.13	<0.14	<0.17	--	--	--	--	
PCB-105	EPA 1668A			pg/g	80	<0.48	<0.42	<0.51	720	<0.32	<0.26	<0.28	<0.31	<0.33	--	--	--	--	
PCB-106	EPA 1668A			pg/g	11 J	<0.41	<0.35	<0.44	540 J	<0.28	<0.23	<0.25	<0.27	<0.29	--	--	--	--	
PCB-109	EPA 1668A			pg/g	11 J	<0.37	<0.31	<0.39	560 J	<0.26	<0.21	<0.23	<0.24	<0.26	--	--	--	--	
PCB-111	EPA 1668A			pg/g	<6.2	<0.35	<0.29	<0.37	550 J	<0.24	<0.19	<0.21	<0.23	<0.24	--	--	--	--	
PCB-112	EPA 1668A			pg/g	<6.4	<0.36	<0.30	<0.38	<190	<0.25	<0.20	<0.22	<0.24	<0.25	--	--	--	--	
PCB-114	EPA 1668A			pg/g	<7.6	<0.43	<0.39	<0.49	460	<0.30	<0.24	<0.27	<0.29	<0.31	--	--	--	--	
PCB-118	EPA 1668A	1,010	RSL	pg/g	150	<0.41	<0.36	<0.45	1,600	0.84 J	0.34 J	<0.25	<0.27	<0.29	--	--	--	--	
PCB-120	EPA 1668A			pg/g	<6.5	<0.36	<0.31	<0.39	430 J	<0.25	<0.20	<0.23	<0.24	<0.25	--	--	--	--	
PCB-121	EPA 1668A			pg/g	<6.3	<0.35	<0.30	<0.38	<190	<0.24	<0.20	<0.22	<0.23	<0.25	--	--	--	--	
PCB-122	EPA 1668A			pg/g	<7.6	<0.42	<0.36	<0.45	<230	<0.29	<0.24	<0.26	<0.28	<0.30	--	--	--	--	

**TABLE A-2a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 3**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-13				RISB-14				SB-LB01	SB-LB05	SS-1001	SS-LB02		
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs					19-19.5 ft bgs	19-19.5 ft bgs
						RISB-13-0.5-20141217	RISB-13-5.0-20141218	RISB-13-10.0-20141218	RISB-13-15.0-20141218	RISB-14-0.5-20141216	RISB-14-5.0-20141216	RISB-14-10.0-20141216	RISB-14-15.0-20141216					RISB-14-19.0-20141216	RISB-14-19.0-20141216-FD
PCBs	PCB-123	EPA 1668A			pg/g	<7.4	<0.42	<0.36	<0.46	290	<0.29	<0.23	<0.26	<0.27	<0.30	--	--	--	--
	PCB-126	EPA 1668A	0.303	RSL	pg/g	<9.7	<0.62	<0.58	<0.68	560	<0.40	<0.34	<0.36	<0.38	<0.43	--	--	--	--
	PCB-127	EPA 1668A			pg/g	<7.2	<0.40	<0.34	<0.43	<220	<0.28	<0.23	<0.25	<0.27	<0.28	--	--	--	--
	PCB-130	EPA 1668A			pg/g	23 J	<0.55	<0.49	<0.58	1,700	<0.47	<0.40	<0.32	<0.47	<0.43	--	--	--	--
	PCB-131	EPA 1668A			pg/g	<6.5	<0.53	<0.48	<0.56	<410	<0.46	<0.39	<0.31	<0.45	<0.41	--	--	--	--
	PCB-132	EPA 1668A			pg/g	70 J	<0.49	<0.44	<0.52	2,700	1.4 J	<0.36	<0.29	<0.42	<0.39	--	--	--	--
	PCB-133	EPA 1668A			pg/g	<6.0	<0.49	<0.44	<0.52	600 J	<0.42	<0.36	<0.29	<0.42	<0.38	--	--	--	--
	PCB-136	EPA 1668A			pg/g	23 J	<0.34	<0.31	<0.36	1,100 J	0.52 J	<0.25	<0.20	<0.30	<0.27	--	--	--	--
	PCB-137	EPA 1668A			pg/g	12 J	<0.44	<0.39	<0.46	660 J	<0.38	<0.32	<0.26	<0.38	<0.34	--	--	--	--
	PCB-141	EPA 1668A			pg/g	79 J	<0.48	<0.43	<0.51	4,600	2.3 J	0.44 J	<0.28	<0.41	<0.38	--	--	--	--
	PCB-142	EPA 1668A			pg/g	<5.9	<0.48	<0.43	<0.51	450 J	<0.41	<0.35	<0.28	<0.41	<0.37	--	--	--	--
	PCB-144	EPA 1668A			pg/g	16 J	<0.45	<0.40	<0.47	1,000 J	<0.39	<0.33	<0.27	<0.39	<0.35	--	--	--	--
	PCB-145	EPA 1668A			pg/g	<4.1	<0.33	<0.30	<0.35	<250	<0.28	<0.24	<0.20	<0.28	<0.26	--	--	--	--
	PCB-146	EPA 1668A			pg/g	46 J	<0.44	<0.39	<0.46	2,800	0.59 J	<0.32	<0.26	<0.38	<0.34	--	--	--	--
	PCB-148	EPA 1668A			pg/g	<5.4	<0.44	<0.40	<0.47	490 J	<0.38	<0.33	<0.26	<0.38	<0.35	--	--	--	--
	PCB-150	EPA 1668A			pg/g	<3.7	<0.31	<0.27	<0.32	<230	<0.26	<0.22	<0.18	<0.26	<0.24	--	--	--	--
	PCB-152	EPA 1668A			pg/g	<4.0	<0.32	<0.29	<0.34	<250	<0.28	<0.24	<0.19	<0.28	<0.25	--	--	--	--
	PCB-154	EPA 1668A			pg/g	<4.8	<0.39	<0.35	<0.41	740 J	<0.34	<0.29	<0.23	<0.34	<0.30	--	--	--	--
	PCB-155	EPA 1668A			pg/g	<3.4	<0.23	<0.20	<0.25	<200	<0.21	<0.18	<0.14	<0.20	<0.18	--	--	--	--
	PCB-158	EPA 1668A			pg/g	40 J	<0.32	<0.29	<0.34	1,600	0.45 J	<0.24	<0.19	<0.28	<0.25	--	--	--	--
	PCB-159	EPA 1668A			pg/g	<4.1	<0.36	<0.34	<0.26	830 J	<0.40	<0.33	<0.25	<0.20	<0.19	--	--	--	--
	PCB-160	EPA 1668A			pg/g	<4.7	<0.38	<0.34	<0.41	660 J	<0.33	<0.28	<0.23	<0.33	<0.30	--	--	--	--
	PCB-161	EPA 1668A			pg/g	<4.2	<0.34	<0.31	<0.36	430 J	<0.30	<0.25	<0.20	<0.30	<0.27	--	--	--	--
	PCB-162	EPA 1668A			pg/g	8.5 J	<0.32	<0.31	<0.23	800 J	<0.36	<0.30	<0.22	<0.18	<0.17	--	--	--	--
	PCB-164	EPA 1668A			pg/g	30 J	<0.36	<0.32	<0.38	1,600	0.49 J	<0.26	<0.21	<0.31	<0.28	--	--	--	--
	PCB-165	EPA 1668A			pg/g	<4.9	<0.40	<0.36	<0.42	350 J	<0.34	<0.29	<0.24	<0.34	<0.31	--	--	--	--
	PCB-167	EPA 1668A			pg/g	27	<0.34	<0.33	<0.25	1,400	<0.37	<0.30	<0.23	<0.19	<0.18	--	--	--	--
	PCB-169	EPA 1668A	1.65	RSL	pg/g	<5.1	<0.52	<0.50	<0.36	<230	<0.54	<0.46	<0.33	<0.28	<0.28	--	--	--	--
	PCB-170	EPA 1668A			pg/g	120 J	<0.27	<0.27	<0.26	5,900	2.8 J	0.53 J	<0.17	<0.17	<0.17	--	--	--	--
	PCB-172	EPA 1668A			pg/g	44 J	<0.26	<0.26	<0.25	2,700	0.53 J	<0.19	<0.17	<0.16	<0.16	--	--	--	--
	PCB-174	EPA 1668A			pg/g	120 J	<0.27	<0.27	<0.26	6,700	2.7 J	0.70 J	<0.17	0.31 J	0.17 UJ	--	--	--	--
	PCB-175	EPA 1668A			pg/g	30 J	<0.42	<0.36	<0.41	2,100	0.34 J	<0.26	<0.28	<0.35	<0.25	--	--	--	--
	PCB-176	EPA 1668A			pg/g	27 J	<0.29	<0.25	<0.29	1,600	0.47 J	<0.18	<0.19	<0.24	<0.18	--	--	--	--
	PCB-177	EPA 1668A			pg/g	68 J	<0.26	<0.26	<0.25	3,800	1.3 J	0.30 J	<0.17	<0.16	<0.16	--	--	--	--
PCB-178	EPA 1668A			pg/g	33 J	<0.43	<0.37	<0.42	1,900	0.67 J	<0.27	<0.29	<0.36	<0.26	--	--	--	--	
PCB-179	EPA 1668A			pg/g	36 J	<0.32	<0.28	<0.32	2,300	1.1 J	0.23 J	<0.21	<0.27	<0.19	--	--	--	--	
PCB-181	EPA 1668A			pg/g	11 J	<0.23	<0.23	<0.22	520 J	<0.23	<0.17	<0.15	<0.14	<0.14	--	--	--	--	
PCB-182	EPA 1668A			pg/g	15 J	<0.38	<0.33	<0.37	1,300 J	0.29 J	<0.24	<0.25	<0.32	<0.23	--	--	--	--	
PCB-183	EPA 1668A			pg/g	76 J	<0.19	<0.19	<0.18	4,500	1.4 J	0.37 J	<0.12	0.27 J	0.12 UJ	--	--	--	--	
PCB-184	EPA 1668A			pg/g	26 J	<0.32	<0.28	<0.32	2,000	0.34 J	<0.20	<0.21	<0.27	<0.19	--	--	--	--	
PCB-185	EPA 1668A			pg/g	22 J	<0.26	<0.26	<0.25	1,400	0.40 J	<0.20	<0.17	<0.16	<0.16	--	--	--	--	
PCB-186	EPA 1668A			pg/g	4.1 J	<0.31	<0.27	<0.31	330 J	<0.18	<0.19	<0.21	<0.26	<0.19	--	--	--	--	
PCB-187	EPA 1668A			pg/g	120 J	<0.39	<0.34	<0.39	6,300	2.8 J	0.64 J	<0.26	0.33 UJ	0.41 J	--	--	--	--	
PCB-188	EPA 1668A			pg/g	16 J	<0.27	<0.24	<0.27	1,100 J	<0.17	<0.17	<0.19	<0.24	<0.16	--	--	--	--	
PCB-189	EPA 1668A			pg/g	26	<0.52	<0.61	<0.77	1,800	<0.52	<0.46	<0.51	<0.43	<0.52	--	--	--	--	
PCB-190	EPA 1668A			pg/g	38 J	<0.18	<0.18	<0.17	2,300	0.59 J	<0.14	<0.12	<0.11	<0.11	--	--	--	--	
PCB-191	EPA 1668A			pg/g	15 J	<0.19	<0.19	<0.18	1,200 J	0.24 J	<0.14	<0.12	<0.12	<0.12	--	--	--	--	
PCB-192	EPA 1668A			pg/g	5.0 J	<0.20	<0.20	<0.19	470 J	<0.20	<0.15	<0.13	<0.12	<0.12	--	--	--	--	
PCB-194	EPA 1668A			pg/g	97 J	<0.40	<0.43	<0.46	4,900	1.2 J	<0.32	<0.39	<0.39	<0.40	--	--	--	--	

**TABLE A-2a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 3**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-13				RISB-14						SB-LB01	SB-LB05	SS-1001	SS-LB02
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	19-19.5 ft bgs	19-19.5 ft bgs				
						RISB-13-0.5-20141217	RISB-13-5.0-20141218	RISB-13-10.0-20141218	RISB-13-15.0-20141218	RISB-14-0.5-20141216	RISB-14-5.0-20141216	RISB-14-10.0-20141216	RISB-14-15.0-20141216	RISB-14-19.0-20141216	RISB-14-19.0-20141216-FD				
PCBs	PCB-195	EPA 1668A			pg/g	33 J	<0.35	<0.37	<0.40	2,200	<0.38	<0.28	<0.33	<0.34	<0.35	--	--	--	--
	PCB-196	EPA 1668A			pg/g	120 J	<0.39	<0.29	<0.24	7,300	1.6 J	<0.30	<0.23	<0.20	<0.27	--	--	--	--
	PCB-197	EPA 1668A			pg/g	71 J	<0.24	<0.18	<0.15	4,500	0.65 J	<0.19	<0.14	<0.13	<0.17	--	--	--	--
	PCB-200	EPA 1668A			pg/g	37 J	<0.31	<0.24	<0.20	2,300	0.31 J	<0.24	<0.18	<0.16	<0.22	--	--	--	--
	PCB-201	EPA 1668A			pg/g	89 J	<0.27	<0.21	<0.17	5,300	1.0 J	<0.21	<0.16	<0.14	<0.19	--	--	--	--
	PCB-202	EPA 1668A			pg/g	36 J	<0.27	<0.21	<0.18	1,900	0.43 J	<0.21	<0.16	<0.14	<0.18	--	--	--	--
	PCB-203	EPA 1668A			pg/g	77 J	<0.36	<0.27	<0.23	4,200	1.1 J	<0.28	<0.21	<0.19	<0.25	--	--	--	--
	PCB-204	EPA 1668A			pg/g	52 J	<0.28	<0.21	<0.18	3,600	0.70 J	<0.22	<0.16	<0.15	<0.19	--	--	--	--
	PCB-205	EPA 1668A			pg/g	46 J	<0.37	<0.40	<0.41	2,600	0.58 J	<0.30	<0.35	<0.36	<0.39	--	--	--	--
	PCB-206	EPA 1668A			pg/g	410	<0.34	<0.38	<0.37	23,000	4.2 J	<0.32	<0.35	<0.32	<0.37	--	--	--	--
	PCB-207	EPA 1668A			pg/g	570	<0.25	0.44 J	<0.28	32,000	5.8 J	<0.22	<0.25	0.28 J	0.26 UJ	--	--	--	--
	PCB-208	EPA 1668A			pg/g	370	<0.30	0.57 J	<0.35	19,000	3.4 J	<0.25	<0.30	0.32 J	0.56 J	--	--	--	--
	PCB-209	EPA 1668A			pg/g	6,000	<0.27	<0.24	0.71 J	260,000 J	49	0.90 J	0.62 J	1.4 J	1.2 J	--	--	--	--
	PCBs 107+124	EPA 1668A			pg/g	<7.0	<0.39	<0.33	<0.42	440 J	<0.27	<0.22	<0.24	<0.26	<0.27	--	--	--	--
	PCBs 110+115	EPA 1668A			pg/g	180 J	<0.37	<0.31	<0.40	3,200	1.2 J	0.48 J	0.28 J	0.25 J	0.52 J	--	--	--	--
	PCBs 12+13	EPA 1668A			pg/g	<19	<8.2	<9.4	<11	<130	<4.8	<5.0	<3.5	<4.1	<2.1	--	--	--	--
	PCBs 128+166	EPA 1668A			pg/g	44 J	<0.41	<0.37	<0.43	1,500 J	0.52 J	<0.30	<0.24	<0.35	<0.32	--	--	--	--
	PCBs 129+138+163	EPA 1668A			pg/g	320 J	<0.43	<0.39	<0.46	12,000	6.8 J	1.5 J	0.43 J	0.37 UJ	0.83 J	--	--	--	--
	PCBs 134+143	EPA 1668A			pg/g	<6.3	<0.51	<0.46	<0.54	450 J	<0.44	<0.37	<0.30	<0.44	<0.40	--	--	--	--
	PCBs 135+151	EPA 1668A			pg/g	77 J	<0.46	<0.42	<0.49	4,000	1.7 J	0.66 J	<0.27	<0.40	<0.36	--	--	--	--
	PCBs 139+140	EPA 1668A			pg/g	<5.4	<0.44	<0.40	<0.46	580 J	<0.38	<0.32	<0.26	<0.38	<0.34	--	--	--	--
	PCBs 147+149	EPA 1668A			pg/g	190 J	<0.45	<0.40	<0.47	8,700	4.6 J	1.6 J	<0.27	0.41 J	0.35 UJ	--	--	--	--
	PCBs 153+168	EPA 1668A			pg/g	250 J	<0.36	<0.33	<0.39	12,000	6.1 J	1.3 J	<0.22	0.35 J	0.51 J	--	--	--	--
	PCBs 156+157	EPA 1668A			pg/g	56	<0.48	<0.46	<0.33	2,100	0.78 J	<0.41	<0.32	<0.25	<0.24	--	--	--	--
	PCBs 171+173	EPA 1668A			pg/g	59 J	<0.26	<0.26	<0.25	5,000	1.5 J	<0.19	<0.17	<0.16	<0.16	--	--	--	--
	PCBs 18+30	EPA 1668A			pg/g	17 J	30 J	280	420	130 J	<0.43	<0.49	1.3 J	8.4 J	9.9 J	--	--	--	--
	PCBs 180+193	EPA 1668A			pg/g	300 J	<0.21	<0.21	<0.20	17,000	4.7 J	0.89 J	0.22 J	0.45 J	0.66 J	--	--	--	--
	PCBs 198+199	EPA 1668A			pg/g	160 J	<0.40	<0.30	<0.25	8,600	1.8 J	<0.31	<0.23	<0.21	<0.28	--	--	--	--
	PCBs 20+28	EPA 1668A			pg/g	26 J	<0.64	<0.57	0.71 J	450 J	<0.48	<0.57	<0.46	0.51 J	0.66 J	--	--	--	--
	PCBs 21+33	EPA 1668A			pg/g	8.9 J	<0.55	<0.49	2.3 J	250 J	<0.41	<0.49	<0.39	<0.30	<0.32	--	--	--	--
	PCBs 26+29	EPA 1668A			pg/g	<5.5	<0.60	2.2 J	4.5 J	120 J	<0.45	<0.54	<0.43	<0.32	<0.35	--	--	--	--
	PCBs 40+71	EPA 1668A			pg/g	20 J	<0.47	<0.45	<0.40	810 J	<0.30	<0.36	<0.27	<0.24	<0.17	--	--	--	--
	PCBs 44+47+65	EPA 1668A			pg/g	45 J	<0.46	<0.43	1.2 J	450 J	0.51 J	<0.34	0.53 J	0.53 J	0.70 J	--	--	--	--
PCBs 49+69	EPA 1668A			pg/g	19 J	<0.40	<0.38	<0.34	330 J	<0.25	<0.30	<0.22	<0.20	<0.15	--	--	--	--	
PCBs 50+53	EPA 1668A			pg/g	<1.8	<0.45	<0.42	<0.38	91 J	<0.28	<0.34	<0.25	<0.23	<0.17	--	--	--	--	
PCBs 59+62+75	EPA 1668A			pg/g	<1.4	<0.35	<0.33	<0.30	360 J	<0.22	<0.27	<0.20	<0.18	<0.13	--	--	--	--	
PCBs 61+70+74+76	EPA 1668A			pg/g	64 J	<0.56	<0.51	<0.56	1,300 J	<0.39	<0.36	<0.32	0.64 J	0.72 J	--	--	--	--	
PCBs 85+116+117	EPA 1668A			pg/g	37 J	<0.42	<0.35	<0.45	1,100 J	<0.29	<0.23	<0.26	<0.27	<0.29	--	--	--	--	
PCBs 86+87+97+108+119+125	EPA 1668A			pg/g	97 J	<0.43	<0.36	<0.46	2,200 J	0.95 J	<0.24	<0.27	<0.28	<0.30	--	--	--	--	
PCBs 88+91	EPA 1668A			pg/g	<8.8	<0.49	<0.42	<0.53	<260	<0.34	<0.28	<0.31	<0.32	<0.35	--	--	--	--	
PCBs 90+101+113	EPA 1668A			pg/g	130 J	<0.44	<0.37	<0.47	3,200 J	1.6 J	0.85 J	0.42 J	0.29 UJ	0.52 J	--	--	--	--	
PCBs 93+100	EPA 1668A			pg/g	<8.9	<0.50	<0.42	<0.53	<260	<0.34	<0.28	<0.31	<0.33	<0.35	--	--	--	--	
PCBs 98+102	EPA 1668A			pg/g	<8.1	<0.45	<0.38	<0.48	<240	<0.31	<0.25	<0.28	<0.30	<0.32	--	--	--	--	
Dioxins/Furans	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	EPA 8290			pg/g	41 J	<0.078	0.088 J	<0.061	2,200	0.41 J	0.067 J	0.085 J	0.11 J	0.13 J	18	51	1.9	0.57
	1,2,3,4,6,7,8-Heptachlorodibenzofuran	EPA 8290			pg/g	450	0.036 J	<0.027	0.081 J	28,000 J	3.5 J	0.11 J	0.059 J	0.10 J	0.072 J	100	650	6.8	2.0
	1,2,3,4,7,8,9-Heptachlorodibenzofuran	EPA 8290			pg/g	160	<0.038	<0.036	<0.035	11,000	1.6 J	<0.041	<0.024	<0.034	<0.032	32	220	<1.0	0.86

**TABLE A-2a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 3**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-13				RISB-14						SB-LB01	SB-LB05	SS-1001	SS-LB02
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	19-19.5 ft bgs	19-19.5 ft bgs				
						RISB-13-0.5-20141217	RISB-13-5.0-20141218	RISB-13-10.0-20141218	RISB-13-15.0-20141218	RISB-14-0.5-20141216	RISB-14-5.0-20141216	RISB-14-10.0-20141216	RISB-14-15.0-20141216	RISB-14-19.0-20141216	RISB-14-19.0-20141216-FD				
Dioxins/Furans	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	EPA 8290			pg/g	3.5 J	<0.042	<0.057	<0.055	250	<0.056	<0.042	<0.031	<0.041	<0.040	0.92	5.7	<1.1	0.080
	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	EPA 8290			pg/g	10 J	<0.025	0.086 J	0.10 J	500	0.19 J	<0.036	0.10 J	0.093 J	0.13 J	2.5	12	<0.95	0.21
	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	EPA 8290			pg/g	12 J	0.099 J	0.22 J	0.28 J	570	0.25 J	0.089 J	0.24 J	0.21 J	0.18 J	2.5	11	<0.87	0.21
	1,2,3,4,7,8-Hexachlorodibenzofuran	EPA 8290			pg/g	210	<0.026	<0.021	<0.026	14,000	1.9 J	<0.038	<0.029	0.052 J	0.027 UJ	41	260	2.6	1.1
	1,2,3,6,7,8-Hexachlorodibenzofuran	EPA 8290			pg/g	120	<0.017	<0.013	<0.017	6,800	1.0 J	<0.032	<0.025	<0.029	<0.017	27	170	1.8	0.97
	1,2,3,7,8,9-Hexachlorodibenzofuran	EPA 8290			pg/g	8.6 J	<0.025	0.083 J	0.070 J	830	0.15 J	<0.039	0.12 J	0.11 J	0.026 UJ	3.5	21	<1.0	0.11
	2,3,4,6,7,8-Hexachlorodibenzofuran	EPA 8290			pg/g	35 J	<0.021	<0.017	<0.021	3,000	0.21 J	<0.036	<0.028	<0.022	<0.022	5.0	38	<0.93	0.30
	HpCDD (total)	EPA 8290			pg/g	67	0.17 J	0.26 J	0.20 J	3,500	0.59 J	0.15 J	0.24 J	0.22 J	0.27 J	28	78	3.3	1.0
	HpCDF (total)	EPA 8290			pg/g	1,000	0.036 J	<0.036	0.081 J	63,000 J	7.6	0.11 J	0.059 J	0.10 J	0.072 J	190	1,200	10	4.7
	HxCDD (total)	EPA 8290			pg/g	74	0.099 J	0.46 J	0.39 J	4,100	0.84 J	0.089 J	0.34 J	0.30 J	0.31 J	16	85	<1.1	0.67
	HxCDF (total)	EPA 8290			pg/g	930	<0.026	0.083 J	0.070 J	64,000	7.5	<0.039	0.12 J	0.16 J	0.027 UJ	180	1,200	7.9	4.7
	1,2,3,4,5,6,7,8-Octachlorodibenzo-p-dioxin	EPA 8290			pg/g	72 J	0.22 J	0.40 J	0.33 J	2,500	0.51 J	0.18 J	0.19 J	0.78 J	0.34 J	65	74	7.9	2.9
	1,2,3,4,5,6,7,8-Octachlorodibenzofuran	EPA 8290			pg/g	1,400	<0.11	<0.092	0.18 J	83,000 J	9.4 J	<0.075	0.098 J	0.26 J	0.18 J	170	1,300	15	5.4
	PeCDD (total)	EPA 8290			pg/g	47 J	<0.053	<0.056	<0.051	3,300	0.38 J	<0.057	0.086 J	0.11 J	0.051 UJ	9.6	66	<1.3	<0.097
	PeCDF (total)	EPA 8290			pg/g	560	<0.029	<0.024	<0.028	39,000	5.5	<0.038	0.043 J	0.049 J	0.029 UJ	120	780	1.6	2.8
	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	EPA 8290			pg/g	5.7 J	<0.053	<0.056	<0.051	310	<0.052	<0.057	<0.043	<0.047	<0.051	1.2	6.7	<1.3	<0.097
	1,2,3,7,8-Pentachlorodibenzofuran	EPA 8290			pg/g	81	<0.028	<0.023	<0.027	5,200	0.71 J	<0.036	0.043 J	<0.028	<0.028	15	99	1.6	0.54
	2,3,4,7,8-Pentachlorodibenzofuran	EPA 8290			pg/g	40 J	<0.029	<0.024	<0.028	2,600	0.40 J	<0.038	<0.025	<0.028	<0.029	7.2	49	<1.0	0.23
	TCDD (total)	EPA 8290			pg/g	36	<0.045	0.19 J	0.28 J	3,300	0.40 J	<0.046	0.25 J	0.11 J	0.060 J	5.4	53	<0.71	0.15
	TCDF (total)	EPA 8290			pg/g	400	<0.031	0.13 J	0.058 J	30,000	4.1 J	0.035 UJ	0.092 J	0.053 J	0.14 J	84	710	1.0	1.2
2,3,7,8-Tetrachlorodibenzo-p-dioxin	EPA 8290		15	RSL	pg/g	1.7 J	<0.045	<0.036	<0.037	97	0.042 J	<0.046	<0.039	<0.040	<0.039	<0.35	1.8	<0.71	<0.066
2,3,7,8-Tetrachlorodibenzofuran	EPA 8290			pg/g	49	<0.031	<0.019	<0.020	2,500	0.94 J	0.035 UJ	0.025 UJ	<0.026	<0.021	9.7	59	<0.62	0.44	
Total PCB TEQs (calculated by TAS)	EPA 8280A			pg/g	0.58	0.039	0.037	0.040	60	0.028	0.024	0.023	0.023	0.026	--	--	--	--	
Total TEQ (Calculated)	EPA 8280A			pg/g	74	1.1	1.2	1.1	4,600	2.5	0.52	0.52	0.56	0.54	15	94	2.0	0.55	
Organic Acids	Phthalic acid	EPA 8270			µg/kg	<1,300	<1,400	<1,300	<1,300	<1,300	<1,400	<1,400	<1,400	<1,300	<1,400	--	--	--	--
Radionuclides	Radium-226	EPA 903.0	0.006	BCL	pCi/g	0.949	1.29	1.61	1.64	1.14 J	1.34 J	1.48 J	2.22 J	1.57 J	1.42 J	--	--	--	--
	Radium-228	EPA 904.0	0.006	BCL	pCi/g	1.13	1.25	1.19	1.02	1.09 J	0.938 J	1.27 J	1.26 J	1.23 J	1.14 J	--	--	--	--
	Thorium-228	DOE A-01-R	0.0027	BCL	pCi/g	2.05	1.47	1.41	1.76	1.64	1.87	1.85	1.74	1.27	1.58	--	--	--	--
	Thorium-230	DOE A-01-R	0.001	BCL	pCi/g	0.999	1.85	1.92	2.01	0.986 J	1.44	1.67	1.82	1.59	1.61	--	--	--	--
	Thorium-232	DOE A-01-R	0.0035	BCL	pCi/g	2.13	1.42	1.16	1.53	1.23	1.88	1.37	1.53	1.21	1.48	--	--	--	--
	Uranium-233/234	DOE A-01-R			pCi/g	0.774	1.81	1.57	1.68	1.01	1.35	1.50	1.37	1.55	1.47	--	--	--	--
	Uranium-235/236	DOE A-01-R			pCi/g	<0.0597	0.105	0.0899	<0.0666	0.0363	<0.0826	0.0896	0.0945	0.0700	<0.0645	--	--	--	--
	Uranium-238	DOE A-01-R			pCi/g	1.01	1.09	1.48	1.71	0.894	1.31	1.10	1.46	1.49	1.36	--	--	--	--
Total Petroleum Hydrocarbons	Uranium-238	EPA 6020	13.5	BCL	mg/kg	0.99	2.5	2.3	2.0	0.94	1.3	2.0	2.1	1.8	2.0	--	--	--	--
Total Petroleum Hydrocarbons	Diesel Range Organics (C10-C28)	EPA 8015			mg/kg	<2.7	3.4 J	<2.7	<2.7	30	3.7 J	<2.8	<2.7	<2.7	<2.8	--	--	--	--
	EFH (C10-C40)	EPA 8015			mg/kg	6.1	4.5 J	3.2 J	2.9 J	99	8.1	3.1 J	5.1 J	3.4 J	4.6 J	--	--	--	--



**TABLE A-2a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 3**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-13				RISB-14				SB-LB01	SB-LB05	SS-1001	SS-LB02		
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs					19-19.5 ft bgs	19-19.5 ft bgs
						RISB-13-0.5-20141217	RISB-13-5.0-20141218	RISB-13-10.0-20141218	RISB-13-15.0-20141218	RISB-14-0.5-20141216	RISB-14-5.0-20141216	RISB-14-10.0-20141216	RISB-14-15.0-20141216					RISB-14-19.0-20141216	RISB-14-19.0-20141216-FD
<b>Total Petroleum</b>	Petroleum Hydrocarbons (C29-C40)	EPA 8015			mg/kg	<2.7	<2.8	<2.7	<2.7	<b>68</b>	<2.7	<2.8	<2.7	<2.7	<2.8	--	--	--	--
<b>General Chemistry</b>	Alkalinity (as CaCO3)	SM 2320			mg/kg	<b>21,000</b>	<b>77,000</b>	<b>86,000</b>	<b>26,000</b>	<b>61,000</b>	<b>21,000</b>	<b>49,000</b>	<b>72,000</b>	<b>15,000</b>	<b>14,000</b>	<b>51,000</b>	<b>86,000</b>	<b>76,000</b>	--
	Ammonia (as NH3)	SM 4500			mg/kg	<2.6	<1.2	<2.6	<2.6	<2.5	<2.6	<2.7	<2.6	<2.6	<2.6	<b>12</b>	<b>8.3</b>	<3.5	--
	Bicarbonate as HCO3	SM 2320			mg/kg	<b>25,000</b>	<b>92,000</b>	<b>100,000</b>	<b>29,000</b>	<b>73,000</b>	<b>25,000</b>	<b>58,000</b>	<b>86,000</b>	<b>19,000</b>	<b>17,000</b>	<b>61,000</b>	<b>100,000</b>	<b>89,000</b>	--
	Bromide	EPA 300			mg/kg	<3.7	<3.9	<3.8	<3.8	<3.7	<3.9	<3.9	<3.8	<3.8	<3.9	<4.1	<4.5	<5.0	--
	Carbonate (CO3)	SM 2320			mg/kg	<b>310</b>	<b>1,300</b>	<b>970</b>	<b>960</b>	<b>310</b>	<b>330</b>	<b>990</b>	<b>970</b>	<320	<330	<b>680</b>	<b>2,300</b>	<b>1,700</b>	--
	Chloride	EPA 300			mg/kg	<b>560</b>	<b>150</b>	<b>72</b>	<b>58</b>	<b>180</b>	<b>110</b>	<b>190</b>	<b>57</b>	<b>32</b>	<b>29</b>	<b>420</b>	<b>400</b>	<b>180</b>	--
	Hydroxide	SM 2320			mg/kg	<180	<190	<180	<180	<180	<180	<190	<180	<180	<180	<190	<220	<240	--
	Nitrate (as NO3)	EPA 300			mg/kg	<b>63</b>	<b>12</b>	<b>11</b>	<b>20</b>	<b>49</b>	<b>14</b>	<b>8.3</b>	<b>7.2</b>	<b>7.3</b>	<b>6.2</b>	<b>30</b>	<b>30</b>	<b>22</b>	--
	Nitrate/Nitrite	EPA 300			mg/kg	<b>14</b>	<b>2.7</b>	<b>2.5</b>	<b>4.6</b>	<b>11</b>	<b>3.2</b>	<b>1.9</b>	<b>1.6</b>	<b>1.7</b>	<b>1.4 J</b>	--	--	<b>5.0</b>	--
	Nitrite	EPA 300			mg/kg	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.3	<1.4	<1.6	--
	ortho-Phosphate (total) (as PO4)	EPA 300			mg/kg	4.3 UJ	4.4 UJ	4.4 UJ	4.3 UJ	<4.2	<4.4	<4.5	<4.4	<4.3	<4.5	<4.7	<5.2	<5.7	--
	Phosphorus (total)	EPA 6010	0.00148	RSL	mg/kg	<b>1,100</b>	<b>960</b>	<b>1,200</b>	<b>930</b>	<b>790</b>	<b>920</b>	<b>1,000</b>	<b>1,200</b>	<b>1,100</b>	<b>1,100</b>	<b>960</b>	<b>1,300</b>	<b>630</b>	--
Silicon	EPA 6010			mg/kg	<b>55 J</b>	<b>160 J</b>	<b>160 J</b>	<b>160 J</b>	<b>49 J</b>	<b>59 J</b>	<b>50 J</b>	<b>41 J</b>	<b>49 J</b>	<b>55 J</b>	<b>160</b>	<b>190</b>	<b>220</b>	--	
Sulfate	EPA 300			mg/kg	<b>1,500</b>	<b>170 J</b>	<b>40 J</b>	<b>48 J</b>	<b>2,700</b>	<b>150</b>	<b>150</b>	<b>52</b>	<b>11,000</b>	<b>13,000</b>	<b>1,600</b>	<b>580</b>	<b>340</b>	--	
Sulfur	EPA 6020			mg/kg	<410	420 UJ	390 UJ	410 UJ	<b>14,000</b>	<b>750 J</b>	<b>810 J</b>	<b>770 J</b>	<b>53,000</b>	<b>57,000</b>	--	--	--	--	
pH	EPA 9045			s.u.	--	--	--	--	--	--	--	--	--	--	<b>8.13</b>	<b>10.5</b>	<b>8.85</b>	<b>8.27</b>	
<b>Physical</b>	Ignitability	EPA 7.1.2			none	--	--	--	--	--	--	--	--	--	<1.0	<1.0	<1.0	<1.0	

**Notes:**

ft bgs: feet below ground surface

FD: Field Duplicate

Above Screening Level

bold value: detection

Soil screening levels were selected according to the following hierarchy of criteria:

1. Basic Comparison Level (BCL): Leaching-based basic comparison levels (LBCL) with dilution attenuation factor (DAF) of 1 in the most recent version of Nevada Division of Environmental Protection (NDEP) documents (February 2015).
2. Regional Screening Level (RSL): United States Environmental Protection Agency (USEPA) Regional Screening Levels (RSL) for groundwater protection (June 2015), with the maximum contaminant level (MCL) based screening levels selected over the risk-based screening levels, if available (USEPA 2015)
3. Calculated Criteria (CAL): Generic leaching-based BCLs (LBCLs) calculated using the approach presented in NDEP guidance (NDEP 2015).

**Sources:**

NDEP, 2015. User's Guide and Background Technical Document for NDEP Basic

Comparison Levels (BCLs) for Human Health for the BMI Complex and

Common Areas. Revision 13, February.

USEPA, 2015. Regional Screening Levels (RSL) for Chemical Contaminants at Superfund

Sites. June.

**TABLE A-2b. GRAB GROUNDWATER ANALYICAL RESULTS IN BORINGS - AREA 3**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Residential Screening Levels		Unit	RISB-09	RISB-10	RISB-11		RISB-12	RISB-13	RISB-14
			Level	Source		28.3-40 ft bgs	28.2-40 ft bgs	25.5-35 ft bgs	25.5-35 ft bgs	19.3-30 ft bgs	17.5-30 ft bgs	22.6-35 ft bgs
						RISB-09-GW-20141212	RISB-10-GW-20141215	RISB-11-GW-20141217	RISB-11-GW-20141217-FD	RISB-12-GW-20141216	RISB-13-GW-20141218	RISB-14-GW-20141216
Chlorates	Chlorate	EPA 300.1	1,000	BCL	µg/l	3,000,000	2,700,000	1,100,000	1,100,000	2,500,000	670,000	850,000
	Perchlorate	EPA 314.0	18	BCL	µg/l	480,000	640,000	320,000	320,000	680,000	270,000	310,000
Common Metals	Aluminum	EPA 200.7	50	BCL	µg/l	<25	<25	<25	<25	<50	<25	<50
	Antimony	EPA 200.8	0.006	MCL	mg/l	<0.0010	0.0013 J	0.00084 J	0.00086 J	<0.0010	<0.00050	<0.00050
	Arsenic	EPA 200.8	0.01	MCL	mg/l	0.092	0.09	0.13	0.13	0.094	0.14	0.15
	Barium	EPA 200.7	2,000	MCL	µg/l	37	37	29	29	51	14	21
	Boron	EPA 200.7	6,670	BCL	µg/l	16,000	15,000	15,000	16,000	16,000	6,200	21,000
	Cadmium	EPA 200.7	5	MCL	µg/l	<2.0	<2.0	<2.0	<2.0	<4.0	<2.0	<4.0
	Chromium (total)	EPA 200.7	100	MCL	µg/l	11,000	11,000	3,600	3,700	13,000	2,000	2,900
	Cobalt	EPA 200.7	10	BCL	µg/l	<2.5	<2.5	<2.5	<2.5	<5.0	<2.5	<5.0
	Copper	EPA 200.7	1,300	MCL	µg/l	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10
	Iron	EPA 200.7	300	BCL	µg/l	<10	<10	<10	<10	<20	<10	95
	Lead	EPA 200.7	15	MCL	µg/l	<2.5	<2.5	3.3 J	3.4 J	5.5 J	5.3	6.3 J
	Magnesium	EPA 200.7	189,000	BCL	µg/l	230,000	230,000	310,000	310,000	260,000	280,000	350,000
	Manganese	EPA 200.7	20	BCL	µg/l	<10	<10	25	22	39 J	310	500
	Mercury	EPA 7470	0.002	BCL	mg/l	<0.00010	0.00022	0.00012 J	0.00013 J	<0.00010	0.00028	0.00022
	Molybdenum	EPA 200.7	167	BCL	µg/l	28	25	29	29	42	22	32 J
	Nickel	EPA 200.7	667	BCL	µg/l	11	9.5 J	7.7 J	7.7 J	<10	<5.0	13 J
	Selenium	EPA 200.8	50	MCL	µg/l	4.4	9.5	4.6	4.7	5.6	5.3	5.6
Silver	EPA 200.7	100	BCL	µg/l	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	
Thallium	EPA 200.8	2	MCL	µg/l	<1.0	<1.0	<0.50	<0.50	<1.0	<0.50	<0.50	
Zinc	EPA 200.7	10,000	BCL	µg/l	<10	<10	<10	<10	<20	<10	<20	
Hexavalent Chromium	Chromium VI	EPA 7199	100	BCL	µg/l	12,000	12,000	3,200	3,500	12,000	1,900	2,600
Rare Metals	Niobium	EPA 6020	3.34	BCL	µg/l	<22	<22	<22	<22	<22	<11	<22
	Palladium	EPA 6020			µg/l	1.1 J	<0.88	<0.88	<0.88	<0.88	0.55 J	<0.88
	Strontium	EPA 200.7	20,000	BCL	µg/l	10,000	11,000	13,000	13,000	12,000	13,000	16,000
	Tungsten	EPA 200.7	250	BCL	µg/l	<500	<500	<500	<500	<1,000	<500	<1,000
	Zirconium	EPA 200.7	2.67	BCL	µg/l	1.5 J	2.1 J	1.9 J	1.0 UJ	4.8 J	3.8 J	5.8 J
SVOCs	Acenaphthene	EPA 8270	6.24	BCL	µg/l	<0.24	0.21 UJ	<0.22	<0.23	<0.22	<0.25	<0.23
	Acenaphthene	EPA 8270-SIM	6.24	BCL	µg/l	<0.11	<0.11	<0.11	<0.11	<0.11	<0.13	<0.11
	Aniline	EPA 8270	13.7	BCL	µg/l	<2.4	<2.1	<2.2	<2.3	2.2 UJ	<2.5	2.3 UJ
	Anthracene	EPA 8270	6.25	BCL	µg/l	<0.24	<0.21	<0.22	<0.23	<0.22	<0.25	<0.23
	Anthracene	EPA 8270-SIM	6.25	BCL	µg/l	<0.11	<0.11	<0.11	<0.11	<0.11	<0.13	<0.11
	Benzidine	EPA 8270	0.000339	BCL	µg/l	6.0 UJ	5.3 UJ	5.5 UJ	5.8 UJ	5.4 UJ	6.2 UJ	5.7 UJ
	Benzo(k)fluoranthene	EPA 8270	1.07	BCL	µg/l	<0.30	<0.27	<0.28	<0.29	<0.27	<0.31	<0.28
	Benzo(k)fluoranthene	EPA 8270-SIM	1.07	BCL	µg/l	<0.11	<0.11	<0.11	<0.11	<0.11	<0.13	<0.11
	Benzoic acid	EPA 8270	133,000	BCL	µg/l	6.1 J	<2.1 R	<2.2 R	<2.3 R	<2.2 R	<2.5 R	<2.3 R
	Benzyl alcohol	EPA 8270	16,700	BCL	µg/l	2.4 UJ	2.1 UJ	2.2 UJ	2.3 UJ	2.2 UJ	2.5 UJ	2.3 UJ
	4-Bromophenyl-phenyl ether	EPA 8270			µg/l	<0.60	<0.53	<0.55	<0.58	<0.54	<0.62	<0.57
	Butylbenzylphthalate	EPA 8270	41	BCL	µg/l	<2.4	<2.1	<2.2	<2.3	<2.2	<2.5	<2.3
	4-Chloroaniline	EPA 8270	0.39	BCL	µg/l	<1.2	<1.1	<1.1	<1.2	1.1 UJ	<1.2	1.1 UJ
	2-Chloronaphthalene	EPA 8270	2.08	BCL	µg/l	<0.24	<0.21	<0.22	<0.23	<0.22	<0.25	<0.23
	2-Chlorophenol	EPA 8270	64.2	BCL	µg/l	<0.60 R	<0.53 R	<0.55 R	<0.58 R	<0.54 R	<0.62 R	<0.57 R
	4-Chlorophenyl-phenyl ether	EPA 8270			µg/l	<0.24	<0.21	<0.22	<0.23	<0.22	<0.25	<0.23
	Chrysene	EPA 8270	10.7	BCL	µg/l	<0.24	<0.21	<0.22	<0.23	<0.22	<0.25	<0.23
	Chrysene	EPA 8270-SIM	10.7	BCL	µg/l	<0.11	<0.11	<0.11	<0.11	<0.11	<0.13	<0.11
	Di-n-butylphthalate	EPA 8270	3,340	BCL	µg/l	<1.2	<1.1	<1.1	<1.2	<1.1	<1.2	<1.1
	Di-n-octylphthalate	EPA 8270	400	BCL	µg/l	2.4 UJ	<2.1	<2.2	<2.3	<2.2	<2.5	<2.3



**TABLE A-2b. GRAB GROUNDWATER ANALYICAL RESULTS IN BORINGS - AREA 3**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Residential Screening Levels		Unit	RISB-09	RISB-10	RISB-11		RISB-12	RISB-13	RISB-14
			Level	Source		28.3-40 ft bgs	28.2-40 ft bgs	25.5-35 ft bgs	25.5-35 ft bgs	19.3-30 ft bgs	17.5-30 ft bgs	22.6-35 ft bgs
						RISB-09-GW-20141212	RISB-10-GW-20141215	RISB-11-GW-20141217	RISB-11-GW-20141217-FD	RISB-12-GW-20141216	RISB-13-GW-20141218	RISB-14-GW-20141216
SVOCs	Dibenz(a,h)anthracene	EPA 8270	0.0107	BCL	µg/l	<0.30	<0.27	<0.28	<0.29	<0.27	<0.31	<0.28
	Dibenz(a,h)anthracene	EPA 8270-SIM	0.0107	BCL	µg/l	<0.11	<0.11	<0.11	<0.11	<0.11	<0.13	<0.11
	Dibenzofuran	EPA 8270	66.7	BCL	µg/l	<0.24	0.21 UJ	<0.22	<0.23	<0.22	<0.25	<0.23
	1,2-Dichlorobenzene	EPA 8270	600	MCL	µg/l	<0.24	<0.21	<0.22	<0.23	<0.22	<0.25	<0.23
	1,3-Dichlorobenzene	EPA 8270	80.7	BCL	µg/l	<0.24	<0.21	<0.22	<0.23	<0.22	<0.25	<0.23
	1,4-Dichlorobenzene	EPA 8270	75	MCL	µg/l	<0.24	<0.21	<0.22	<0.23	<0.22	<0.25	<0.23
	3,3'-Dichlorobenzidine	EPA 8270	0.173	BCL	µg/l	<2.4	2.1 UJ	2.2 UJ	2.3 UJ	<2.2 R	<2.5	<2.3 R
	2,4-Dichlorophenol	EPA 8270	100	BCL	µg/l	<1.2 R	<1.1 R	<1.1 R	<1.2 R	<1.1 R	<1.2 R	<1.1 R
	Diethylphthalate	EPA 8270	26,700	BCL	µg/l	<0.60	<0.53	<0.55	<0.58	<0.54	<0.62	<0.57
	2,4-Dimethylphenol	EPA 8270	667	BCL	µg/l	<1.2 R	<1.1 R	<1.1 R	<1.2 R	<1.1 R	<1.2 R	<1.1 R
	Dimethylphthalate	EPA 8270	334,000	BCL	µg/l	<0.30	<0.27	<0.28	<0.29	<0.27	<0.31	<0.28
	2,4-Dinitrophenol	EPA 8270	66.7	BCL	µg/l	<2.4 R	<2.1 R	<2.2 R	<2.3 R	<2.2 R	<2.5 R	<2.3 R
	2,4-Dinitrotoluene	EPA 8270	0.251	BCL	µg/l	<2.4	2.1 UJ	<2.2	<2.3	<2.2	<2.5	<2.3
	2,6-Dinitrotoluene	EPA 8270	33.4	BCL	µg/l	<2.4	2.1 UJ	<2.2	<2.3	<2.2	<2.5	<2.3
	1,2-Diphenylhydrazine	EPA 8270	0.0974	BCL	µg/l	<0.60	<0.53	<0.55	<0.58	<0.54	<0.62	<0.57
	Fluoranthene	EPA 8270	1,330	BCL	µg/l	<0.24	<0.21	<0.22	<0.23	<0.22	<0.25	<0.23
	Fluoranthene	EPA 8270-SIM	1,330	BCL	µg/l	<0.11	<0.11	<0.11	<0.11	<0.11	<0.13	<0.11
	Fluorene	EPA 8270	6.23	BCL	µg/l	<0.24	0.21 UJ	<0.22	<0.23	<0.22	<0.25	<0.23
	Fluorene	EPA 8270-SIM	6.23	BCL	µg/l	<0.11	<0.11	<0.11	<0.11	<0.11	<0.13	<0.11
	Hexachlorobenzene	EPA 8270	1	MCL	µg/l	<0.60	0.53 UJ	<0.55	<0.58	<0.54	<0.62	<0.57
	Hexachlorobutadiene	EPA 8270	0.999	BCL	µg/l	<0.60	<0.53	<0.55	<0.58	<0.54	<0.62	<0.57
	Hexachlorocyclopentadiene	EPA 8270	50	BCL	µg/l	<2.4	<2.1	2.2 UJ	2.3 UJ	2.2 UJ	2.5 UJ	2.3 UJ
	Hexachloroethane	EPA 8270	5.56	BCL	µg/l	<0.60	<0.53	<0.55	<0.58	<0.54	<0.62	<0.57
	Isophorone	EPA 8270	82	BCL	µg/l	<0.60	<0.53	<0.55	<0.58	<0.54	0.62 UJ	<0.57
	1-Methylnaphthalene	EPA 8270	1.1	RSL	µg/l	--	<3.6	<4.0	<3.7	<3.9	--	<3.8
	2-Methylnaphthalene	EPA 8270	36	RSL	µg/l	<0.60	<0.53	<0.55	<0.58	<0.54	<0.62	<0.57
	2-Methylphenol	EPA 8270	1,670	BCL	µg/l	<1.2 R	<1.1 R	<1.1 R	<1.2 R	<1.1 R	<1.2 R	<1.1 R
	3&4-Methylphenol	EPA 8270			µg/l	<2.4 R	<2.1 R	<2.2 R	<2.3 R	<2.2 R	<2.5 R	<2.3 R
	4-Methylphenol	EPA 8270	167	BCL	µg/l	--	--	--	--	<2.2	--	<2.3
	Naphthalene	EPA 8270	0.165	BCL	µg/l	<0.60	<0.53	<0.55	<0.58	<0.54	<0.62	<0.57
	Naphthalene	EPA 8270-SIM	0.165	BCL	µg/l	<0.11	<0.11	<0.11	<0.11	<0.11	<0.13	<0.11
	2-Nitroaniline	EPA 8270	100	BCL	µg/l	<2.4	2.1 UJ	<2.2	<2.3	<2.2	<2.5	<2.3
	3-Nitroaniline	EPA 8270			µg/l	<2.4	2.1 UJ	<2.2	<2.3	<2.2	<2.5	<2.3
	4-Nitroaniline	EPA 8270	3.8	RSL	µg/l	<2.4	2.1 UJ	<2.2	<2.3	<2.2	<2.5	<2.3
	Nitrobenzene	EPA 8270	0.14	BCL	µg/l	<0.60	<0.53	<0.55	<0.58	<0.54	<0.62	<0.57
	2-Nitrophenol	EPA 8270			µg/l	<1.2 R	<1.1 R	<1.1 R	<1.2 R	<1.1 R	<1.2 R	<1.1 R
	4-Nitrophenol	EPA 8270	267	BCL	µg/l	<2.4 R	<2.1 R	<2.2 R	<2.3 R	<2.2 R	<2.5 R	<2.3 R
	n-Nitrosodiphenylamine	EPA 8270	15.9	BCL	µg/l	<0.60	0.53 UJ	<0.55	<0.58	<0.54	<0.62	<0.57
	Octachlorostyrene	EPA 8270			µg/l	<7.4	<6.7	<7.4	<6.8	<7.2	<7.4	<7.1
	Pentachlorophenol	EPA 8270	1	BCL	µg/l	<1.2 R	<1.1 R	<1.1 R	<1.2 R	<1.1 R	<1.2 R	<1.1 R
	Phenol	EPA 8270	10,000	BCL	µg/l	<0.60 R	<0.53 R	<0.55 R	<0.58 R	<0.54 R	<0.62 R	<0.57 R
	Pyrene	EPA 8270	6.22	BCL	µg/l	<0.24	<0.21	<0.22	<0.23	<0.22	<0.25	<0.23
	Pyrene	EPA 8270-SIM	6.22	BCL	µg/l	<0.11	<0.11	<0.11	<0.11	<0.11	<0.13	<0.11
	1,2,4-Trichlorobenzene	EPA 8270	70	MCL	µg/l	<0.60	<0.53	<0.55	<0.58	<0.54	<b>2.1</b>	<b>1.4</b>
	2,4,5-Trichlorophenol	EPA 8270	3,340	BCL	µg/l	<1.2 R	<1.1 R	<1.1 R	<1.2 R	<1.1 R	<1.2 R	<1.1 R
2,4,6-Trichlorophenol	EPA 8270	7.08	BCL	µg/l	<0.60 R	<0.53 R	<0.55 R	<0.58 R	<0.54 R	<0.62 R	<0.57 R	
bis(2-Chloro-1-methylethyl) ether	EPA 8270	0.373	BCL	µg/l	0.24 UJ	0.21 UJ	0.22 UJ	0.23 UJ	0.22 UJ	0.25 UJ	0.23 UJ	
bis(2-Chloroethoxy)methane	EPA 8270	59	RSL	µg/l	<0.24	<0.21	<0.22	<0.23	<0.22	<0.25	<0.23	

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Chemical Group	Analyte	Method	Residential Screening Levels		Unit	RISB-09	RISB-10	RISB-11		RISB-12	RISB-13	RISB-14
			Level	Source		28.3-40 ft bgs	28.2-40 ft bgs	25.5-35 ft bgs	25.5-35 ft bgs	19.3-30 ft bgs	17.5-30 ft bgs	22.6-35 ft bgs
						RISB-09-GW-20141212	RISB-10-GW-20141215	RISB-11-GW-20141217	RISB-11-GW-20141217-FD	RISB-12-GW-20141216	RISB-13-GW-20141218	RISB-14-GW-20141216
SVOCs	bis(2-Chloroethyl) ether	EPA 8270	0.0137	BCL	µg/l	<0.24	<0.21	<0.22	<0.23	<0.22	<0.25	<0.23
	bis(2-Ethylhexyl)phthalate	EPA 8270	6	BCL	µg/l	<2.4	<2.1	2.2 UJ	<b>3.3 J</b>	<2.2	<2.5	<2.3
	4,6-Dinitro-2-methylphenol	EPA 8270			µg/l	<2.4 R	<2.1 R	<2.2 R	<2.3 R	<2.2 R	<2.5 R	<2.3 R
	4-Chloro-3-methylphenol	EPA 8270	1,400	RSL	µg/l	<0.24 R	<0.21 R	<0.22 R	<0.23 R	<0.22 R	<0.25 R	<0.23 R
	n-Nitroso-di-n-propylamine	EPA 8270	0.0111	BCL	µg/l	<1.2	1.1 UJ	<1.1	<1.2	<1.1	<1.2	<1.1
Organo-phosphorus Pesticides	Atrazine	EPA 8141A	3	BCL	µg/l	<0.34	<0.31	0.33 UJ	0.33 UJ	0.32 UJ	<0.31	0.32 UJ
	Chlorpyrifos	EPA 8141A	100	BCL	µg/l	<0.42	<0.38	<0.41	<0.41	<0.39	<0.38	<0.39
	Coumaphos	EPA 8141A			µg/l	<0.16	<0.14	<0.15	<0.15	<0.15	<0.14	<0.15
	Dasanit	EPA 8141A			µg/l	<0.64	<0.58	<0.61	<0.62	<0.59	<0.58	<0.60
	Demeton (O + S)	EPA 8141A			µg/l	<0.25	<0.22	<0.24	<0.24	<0.23	<0.22	<0.23
	Diazinon	EPA 8141A	30	BCL	µg/l	<0.17	<0.16	<0.17	<0.17	<0.16	<0.16	<0.16
	Dichlorovos	EPA 8141A	0.269	BCL	µg/l	<0.19	<0.17	<0.18	<0.18	<0.18	<0.17	<0.18
	Dimethoate	EPA 8141A	4	RSL	µg/l	<0.53	<0.48	<0.51	<0.51	<0.49	<0.48	<0.49
	Disulfoton	EPA 8141A	1.33	BCL	µg/l	<0.38	<0.34	<0.36	<0.36	<0.35	<0.34	<0.35
	Ethoprop	EPA 8141A			µg/l	<0.21	<0.19	<0.20	<0.20	<0.19	<0.19	<0.19
	nitrophenyl benzenethiophosphate	EPA 8141A	0.089	RSL	µg/l	<0.18	<0.16	<0.17	<0.17	<0.16	<0.16	<0.16
	Famphur	EPA 8141A			µg/l	<0.21	<0.19	<0.20	<0.20	<0.19	<0.19	<0.20
	Fenthion	EPA 8141A			µg/l	<0.18	<0.16	<0.17	<0.17	<0.17	<0.16	<0.17
	Malathion	EPA 8141A	667	BCL	µg/l	<0.16	<0.14	<0.15	<0.15	<0.14	<0.14	<0.15
	Merphos	EPA 8141A	0.6	RSL	µg/l	<0.20	<0.19	<0.20	<0.20	<0.19	<0.19	<0.19
	Methyl parathion	EPA 8141A	8.34	BCL	µg/l	<0.17	<0.15	<0.16	<0.16	<0.15	<0.15	<0.15
	Mevinphos	EPA 8141A			µg/l	<0.54	<0.49	<0.52	<0.52	<0.50	<0.49	<0.50
	Parathion	EPA 8141A	200	BCL	µg/l	<0.17	<0.15	<0.16	<0.16	<0.16	<0.15	<0.16
	Phorate	EPA 8141A	3	RSL	µg/l	<0.18	<0.16	<0.17	<0.17	<0.17	<0.16	<0.17
	Ronnel	EPA 8141A	1,670	BCL	µg/l	<0.14	<0.12	<0.13	<0.13	<0.13	<0.12	<0.13
Simazine	EPA 8141A	4	BCL	µg/l	0.26 UJ	0.24 UJ	0.25 UJ	0.25 UJ	0.24 UJ	<0.24	0.24 UJ	
Stirophos	EPA 8141A	3.25	BCL	µg/l	<0.15	<0.13	<0.14	<0.14	<0.13	<0.13	<0.14	
Sulfotepp	EPA 8141A	7.1	RSL	µg/l	<0.20	<0.18	<0.19	<0.19	<0.18	<0.18	<0.18	
Sulprofos	EPA 8141A			µg/l	<0.37	<0.33	<0.35	<0.36	<0.34	<0.34	<0.34	
Thionazin	EPA 8141A			µg/l	<0.37	<0.33	<0.35	<0.35	<0.34	<0.33	<0.34	
o-Ethyl o-2,4,5-trichlorophenyl ethyl-phosphonothioate	EPA 8141A			µg/l	<0.28	<0.26	<0.27	<0.27	<0.26	<0.26	<0.26	
Organo-chlorine Pesticides	Aldrin	EPA 8081	0.00458	BCL	µg/l	<0.0017	<0.0017	<0.0017	<0.0017	<0.0017	<0.0019	<0.0017
	alpha-BHC	EPA 8081	10	BCL	µg/l	<b>0.0056 J</b>	<b>0.0078</b>	<b>0.0074</b>	<b>0.0057</b>	<b>0.0077</b>	<b>0.029 J</b>	<b>0.032</b>
	beta-BHC	EPA 8081	2	BCL	µg/l	<b>0.049</b>	<b>0.059</b>	<b>0.021 J</b>	<b>0.011 J</b>	<b>0.060</b>	<b>0.078</b>	<b>0.028</b>
	delta-BHC	EPA 8081	10	BCL	µg/l	<0.0040	<b>0.0059</b>	<b>0.018 J</b>	<b>0.013 J</b>	<b>0.012 J</b>	<b>0.024 J</b>	<b>0.014</b>
	gamma-BHC	EPA 8081	0.2	BCL	µg/l	<0.0034	<0.0034	<0.0034	<0.0034	<0.0034	<b>0.0050 J</b>	<b>0.0083 J</b>
	gamma-Chlordane	EPA 8081			µg/l	<0.034	<0.034	<0.034	<0.034	<0.034	<0.037	<0.034
	4,4'-DDD	EPA 8081	0.325	BCL	µg/l	<0.0046	<0.0046	<0.0045	<0.0045	<0.0046	<0.0049	<0.0045
	2,4'-DDE	EPA 8081			µg/l	<0.023	<0.023	<0.023	<0.023	<0.023	<0.025	<0.023
	4,4'-DDE	EPA 8081	0.229	BCL	µg/l	<0.0034	<0.0034	<0.0034	<0.0034	<0.0034	<0.0037	<0.0034
	4,4'-DDT	EPA 8081	0.229	BCL	µg/l	<0.0046	<0.0046	<0.0045	<0.0045	<0.0046	<0.0049	<0.0045
	Dieldrin	EPA 8081	0.00487	BCL	µg/l	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023	<0.0025	<0.0023
	Endosulfan I	EPA 8081			µg/l	<0.0034	<0.0034	<0.0034	<0.0034	<0.0034	<0.0037	<0.0034
	Endosulfan II	EPA 8081			µg/l	<0.0023	<0.0023	0.0023 UJ	0.0023 UJ	<0.0023	0.0025 UJ	<0.0023
	Endosulfan sulfate	EPA 8081			µg/l	<0.0034	<0.0034	<0.0034	<0.0034	<0.0034	<0.0037	<0.0034
	Endrin	EPA 8081	2	BCL	µg/l	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023	<0.0025	<0.0023
	Endrin aldehyde	EPA 8081			µg/l	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023	<0.0025	<0.0023

**TABLE A-2b. GRAB GROUNDWATER ANALYTICAL RESULTS IN BORINGS - AREA 3**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Residential Screening Levels		Unit	RISB-09	RISB-10	RISB-11		RISB-12	RISB-13	RISB-14
			Level	Source		28.3-40 ft bgs	28.2-40 ft bgs	25.5-35 ft bgs	25.5-35 ft bgs	19.3-30 ft bgs	17.5-30 ft bgs	22.6-35 ft bgs
						RISB-09-GW-20141212	RISB-10-GW-20141215	RISB-11-GW-20141217	RISB-11-GW-20141217-FD	RISB-12-GW-20141216	RISB-13-GW-20141218	RISB-14-GW-20141216
Organo-chlorine Pesticides	Endrin ketone	EPA 8081			µg/l	<0.0080	<0.0080	<0.0080	<0.0079	<0.0080	<0.0086	<0.0079
	Heptachlor	EPA 8081	0.4	MCL	µg/l	<0.0034	<0.0034	<0.0034	<0.0034	<0.0034	<0.0037	<0.0034
	Heptachlor epoxide	EPA 8081	0.2	BCL	µg/l	<0.0029	<0.0029	<0.0028	<0.0028	<0.0029	<0.0031	<0.0028
	Methoxychlor	EPA 8081	40	MCL	µg/l	<0.0040	<0.0040	<0.0040	<0.0040	<0.0040	<0.0043	<0.0040
	Toxaphene	EPA 8081	3	MCL	µg/l	<0.29	<0.29	<0.28	<0.28	<0.29	<0.31	<0.28
PAHs	Acenaphthylene	EPA 8270	6.22	BCL	µg/l	<0.24	0.21 UJ	<0.22	<0.23	<0.22	<0.25	<0.23
	Acenaphthylene	EPA 8270-SIM	6.22	BCL	µg/l	<0.11	<0.11	<0.11	<0.11	<0.11	<0.13	<0.11
	Benzo(a)anthracene	EPA 8270	0.107	BCL	µg/l	<2.4	<2.1	<2.2	<2.3	<2.2	<2.5	<2.3
	Benzo(a)anthracene	EPA 8270-SIM	0.107	BCL	µg/l	<0.11	<0.11	<0.11	<0.11	<0.11	<0.13	<0.11
	Benzo(a)pyrene	EPA 8270	0.2	BCL	µg/l	<0.60	<0.53	<0.55	<0.58	<0.54	<0.62	<0.57
	Benzo(a)pyrene	EPA 8270-SIM	0.2	BCL	µg/l	<0.11	<0.11	<0.11	<0.11	<0.11	<0.13	<0.11
	Benzo(b)fluoranthene	EPA 8270	0.107	BCL	µg/l	<1.2	<1.1	<1.1	<1.2	<1.1	<1.2	<1.1
	Benzo(b)fluoranthene	EPA 8270-SIM	0.107	BCL	µg/l	<0.11	<0.11	<0.11	<0.11	<0.11	<0.13	<0.11
	Benzo(g,h,i)perylene	EPA 8270	1,000	BCL	µg/l	2.4 UJ	2.1 UJ	2.2 UJ	2.3 UJ	2.2 UJ	2.5 UJ	2.3 UJ
	Benzo(g,h,i)perylene	EPA 8270-SIM	1,000	BCL	µg/l	<0.11	<0.11	<0.11	<0.11	<0.11	<0.13	<0.11
	Indeno(1,2,3-cd)pyrene	EPA 8270	0.107	BCL	µg/l	<1.2	<1.1	<1.1	<1.2	<1.1	<1.2	<1.1
	Indeno(1,2,3-cd)pyrene	EPA 8270-SIM	0.107	BCL	µg/l	0.11 UJ	<0.11	<0.11	<0.11	<0.11	<0.13	<0.11
	Phenanthrene	EPA 8270	6.22	BCL	µg/l	<0.24	0.21 UJ	<0.22	<0.23	<0.22	<0.25	<0.23
Phenanthrene	EPA 8270-SIM	6.22	BCL	µg/l	<0.11	<0.11	<0.11	<0.11	<0.11	<0.13	<0.11	
PCBs	Aroclor-1016	EPA 8082	1.11	BCL	µg/l	<0.29	<0.29	<0.28	<0.28	<0.29	<0.31	<0.28
	Aroclor-1221	EPA 8082	0.039	BCL	µg/l	<0.29	<0.29	<0.28	<0.28	<0.29	<0.31	<0.28
	Aroclor-1232	EPA 8082	0.039	BCL	µg/l	<0.29	<0.29	<0.28	<0.28	<0.29	<0.31	<0.28
	Aroclor-1242	EPA 8082	0.039	BCL	µg/l	<0.29	<0.29	<0.28	<0.28	0.29 UJ	<0.31	0.28 UJ
	Aroclor-1248	EPA 8082	0.039	BCL	µg/l	<0.29	<0.29	<0.28	<0.28	0.29 UJ	<0.31	0.28 UJ
	Aroclor-1254	EPA 8082	0.039	BCL	µg/l	<0.29	<0.29	<0.28	<0.28	0.29 UJ	<0.31	0.28 UJ
	Aroclor-1260	EPA 8082	0.039	BCL	µg/l	<0.29	<0.29	<0.28	<0.28	<b>0.40 J</b>	<0.31	0.28 UJ
	PCB-001	EPA 1668A			pg/l	<b>400</b>	<b>720</b>	<b>4,200</b>	<b>3,600</b>	<b>1,300</b>	<b>4,900</b>	<b>4,900</b>
	PCB-002	EPA 1668A			pg/l	<b>51 J</b>	<b>80 J</b>	14 UJ	<b>10 J</b>	<b>50 J</b>	<11	<9.8
	PCB-003	EPA 1668A			pg/l	<b>52 J</b>	<b>58 J</b>	<b>15 J</b>	10 UJ	<b>18 J</b>	<12	<11
	PCB-004	EPA 1668A			pg/l	<b>3,700</b>	<b>6,000</b>	<b>65,000 J</b>	<b>67,000 J</b>	<b>8,400</b>	<b>40,000 J</b>	<b>25,000 J</b>
	PCB-005	EPA 1668A			pg/l	<b>73 J</b>	<b>300</b>	<b>94 J</b>	<b>92 J</b>	<b>110 J</b>	<b>97 J</b>	<b>40 J</b>
	PCB-006	EPA 1668A			pg/l	<b>220 J</b>	<b>510</b>	<b>930 J</b>	<b>650 J</b>	<b>390</b>	<b>1,400</b>	<b>1,100</b>
	PCB-007	EPA 1668A			pg/l	<25	<27	<29	<24	<22	<24	<22
	PCB-008	EPA 1668A			pg/l	<b>1,300</b>	<b>3,900</b>	<b>1,500 J</b>	<b>1,000 J</b>	<b>1,300</b>	<b>2,200</b>	<22
	PCB-009	EPA 1668A			pg/l	<b>160 J</b>	<b>410</b>	<b>160 J</b>	<b>130 J</b>	<b>170 J</b>	<b>500</b>	<b>170 J</b>
	PCB-010	EPA 1668A			pg/l	<b>62 J</b>	<b>140 J</b>	<b>340</b>	<b>360</b>	<b>190 J</b>	<b>430</b>	<b>330</b>
	PCB-011	EPA 1668A			pg/l	<b>40 J</b>	<31	<33	<27	<26	<28	<25
	PCB-014	EPA 1668A			pg/l	<24	<26	<28	<23	<21	<23	<21
	PCB-015	EPA 1668A			pg/l	<32	<36	<40	<33	<b>230</b>	<33	<30
	PCB-016	EPA 1668A			pg/l	<b>270</b>	<b>740</b>	<b>89 J</b>	<b>67 J</b>	<b>430</b>	<b>170 J</b>	<5.9
	PCB-017	EPA 1668A			pg/l	<b>80 J</b>	<b>290</b>	<b>14 J</b>	<b>13 J</b>	<b>140 J</b>	<b>40 J</b>	<4.7
	PCB-019	EPA 1668A			pg/l	<b>47 J</b>	<b>120 J</b>	<b>110 J</b>	<b>84 J</b>	<b>150 J</b>	<b>130 J</b>	<b>73 J</b>
	PCB-022	EPA 1668A			pg/l	<b>320</b>	<b>26 J</b>	<4.0	<3.9	<b>370</b>	<b>7.4 J</b>	<3.6
	PCB-023	EPA 1668A			pg/l	<6.5	<6.0	<3.2	<3.1	<13	<1.9	<2.9
	PCB-024	EPA 1668A			pg/l	<b>17 J</b>	<b>44 J</b>	<5.9	<4.8	<b>18 J</b>	<4.2	<3.8
	PCB-025	EPA 1668A			pg/l	<6.7	<b>10 J</b>	<3.3	<3.2	<14	<2.0	<3.0
	PCB-027	EPA 1668A			pg/l	<b>11 J</b>	<b>30 J</b>	<5.8	<4.6	<b>33 J</b>	<4.1	<3.7
	PCB-031	EPA 1668A			pg/l	<b>990</b>	<b>76 J</b>	<b>3.9 J</b>	<b>7.6 J</b>	<b>300</b>	<b>16 J</b>	<b>5.5 J</b>
	PCB-032	EPA 1668A			pg/l	<b>80 J</b>	<b>230</b>	<4.6	<3.7	<b>120 J</b>	<b>13 J</b>	<2.9

TABLE A-2b. GRAB GROUNDWATER ANALYTICAL RESULTS IN BORINGS - AREA 3  
RI Data Evaluation  
Nevada Environmental Response Trust Site; Henderson, Nevada

Chemical Group	Analyte	Method	Residential Screening Levels		Unit	RISB-09	RISB-10	RISB-11		RISB-12	RISB-13	RISB-14
			Level	Source		28.3-40 ft bgs	28.2-40 ft bgs	25.5-35 ft bgs	25.5-35 ft bgs	19.3-30 ft bgs	17.5-30 ft bgs	22.6-35 ft bgs
						RISB-09-GW-20141212	RISB-10-GW-20141215	RISB-11-GW-20141217	RISB-11-GW-20141217-FD	RISB-12-GW-20141216	RISB-13-GW-20141218	RISB-14-GW-20141216
PCBs	PCB-034	EPA 1668A			pg/l	<7.1	11 J	<3.5	<3.5	<15	<2.1	<3.2
	PCB-035	EPA 1668A			pg/l	<8.2	<7.7	<4.1	<4.0	<17	<2.5	<3.7
	PCB-036	EPA 1668A			pg/l	<7.6	<7.1	<3.7	<3.7	<16	<2.3	<3.4
	PCB-037	EPA 1668A			pg/l	<11	<9.7	<4.9	<5.2	300	<3.3	<4.7
	PCB-038	EPA 1668A			pg/l	<8.2	<7.7	<4.1	<4.0	<17	<2.5	<3.7
	PCB-039	EPA 1668A			pg/l	<7.3	<6.9	<3.6	<3.6	<15	<2.2	<3.3
	PCB-041	EPA 1668A			pg/l	10 J	5.8 J	<2.7	<2.5	88 J	<1.4	<2.7
	PCB-042	EPA 1668A			pg/l	13 J	4.7 J	<2.1	<2.0	210	2.3 J	<2.1
	PCB-043	EPA 1668A			pg/l	5.2 J	4.8 J	<2.6	<2.4	43 J	<1.4	<2.6
	PCB-045	EPA 1668A			pg/l	13 J	36 J	<2.6	<2.4	130 J	<1.4	<2.6
	PCB-046	EPA 1668A			pg/l	3.0 J	10 J	<2.5	<2.4	48 J	<1.4	<2.5
	PCB-048	EPA 1668A			pg/l	21 J	12 J	<2.2	<2.1	130 J	<1.2	<2.2
	PCB-051	EPA 1668A			pg/l	<1.7	<2.0	<2.0	<1.9	29 J	<1.1	<2.0
	PCB-052	EPA 1668A			pg/l	110 J	270	33 J	29 J	1,300	36 J	17 J
	PCB-054	EPA 1668A			pg/l	<2.7	<1.9	<2.2	<1.9	5.1 J	<0.84	<1.8
	PCB-055	EPA 1668A			pg/l	<2.3	<2.5	<3.7	<3.3	<15	<1.6	<3.0
	PCB-056	EPA 1668A			pg/l	14 J	5.0 J	8.6 J	9.8 J	490	26 J	6.1 J
	PCB-057	EPA 1668A			pg/l	<2.5	<2.7	<4.1	<3.6	<17	<1.7	<3.4
	PCB-058	EPA 1668A			pg/l	<2.5	<2.7	<4.1	<3.6	<17	<1.7	<3.3
	PCB-060	EPA 1668A			pg/l	<2.5	<2.7	<4.0	<3.6	280	<1.7	<3.3
	PCB-063	EPA 1668A			pg/l	<2.4	<2.6	<3.9	<3.4	33 J	<1.6	<3.1
	PCB-064	EPA 1668A			pg/l	8.3 J	<1.5	<1.5	<1.4	370	<0.83	<1.5
	PCB-066	EPA 1668A			pg/l	<2.8	<3.1	<4.6	<4.1	880	<1.9	5.5 J
	PCB-067	EPA 1668A			pg/l	<2.3	<2.5	<3.8	<3.4	<16	<1.6	<3.1
	PCB-068	EPA 1668A			pg/l	<2.3	<2.5	<3.8	<3.3	<16	<1.6	<3.1
	PCB-072	EPA 1668A			pg/l	<2.4	<2.6	<4.0	<3.5	<16	<1.7	<3.2
	PCB-073	EPA 1668A			pg/l	<1.4	<1.7	<1.6	<1.6	<2.5	<0.88	<1.6
	PCB-077	EPA 1668A			pg/l	<3.1	<4.3	<6.0	<5.7	130	5.4 J	<5.3
	PCB-078	EPA 1668A			pg/l	<2.8	<3.1	<4.6	<4.1	<19	<1.9	<3.8
	PCB-079	EPA 1668A			pg/l	<2.6	<2.9	<4.3	<3.8	75 J	<1.8	<3.5
	PCB-080	EPA 1668A			pg/l	<2.3	<2.5	<3.8	<3.4	<16	<1.6	<3.1
	PCB-081	EPA 1668A		400 RSL	pg/l	<2.7	<3.8	<5.4	<5.0	<21	<2.4	<4.6
PCB-082	EPA 1668A			pg/l	<2.5	<3.8	<5.5	<4.8	190 J	<2.1	<5.9	
PCB-083	EPA 1668A			pg/l	<2.8	<4.2	<6.1	<5.3	<170	<2.3	<6.5	
PCB-084	EPA 1668A			pg/l	3.4 J	<3.8	7.3 J	4.9 UJ	530	<2.1	<5.9	
PCB-089	EPA 1668A			pg/l	<2.4	<3.6	<5.2	<4.6	<150	<2.0	<5.5	
PCB-092	EPA 1668A			pg/l	<2.2	<3.4	<4.9	<4.3	1,100	<1.9	<5.2	
PCB-094	EPA 1668A			pg/l	<2.2	<3.4	<5.0	<4.4	<140	<1.9	<5.3	
PCB-095	EPA 1668A			pg/l	13 J	8.4 J	21 J	8.5 J	8,100	2.4 J	26 J	
PCB-096	EPA 1668A			pg/l	<1.9	<2.1	<2.2	<1.7	14 J	<1.1	<1.8	
PCB-099	EPA 1668A			pg/l	2.3 J	<3.0	5.7 J	3.9 J	340	<1.7	<4.6	
PCB-103	EPA 1668A			pg/l	<2.0	<3.0	<4.4	<3.9	<120	<1.7	<4.7	
PCB-104	EPA 1668A			pg/l	<1.5	<1.5	<1.7	<1.2	<1.3	<0.83	<1.4	
PCB-105	EPA 1668A			pg/l	2.7 J	<3.0	<4.3	<3.9	440	<1.7	<4.6	
PCB-106	EPA 1668A			pg/l	<1.8	<2.7	<3.9	<3.4	<110	<1.5	<4.1	
PCB-109	EPA 1668A			pg/l	<1.6	<2.4	<3.5	<3.1	100 J	<1.3	<3.7	
PCB-111	EPA 1668A			pg/l	<1.5	<2.3	<3.3	<2.9	<91	<1.3	<3.5	
PCB-112	EPA 1668A			pg/l	<1.5	<2.3	<3.4	<3.0	<95	<1.3	<3.6	
PCB-114	EPA 1668A			pg/l	<1.9	<2.9	<4.2	<3.7	<110	<1.6	<4.4	

**TABLE A-2b. GRAB GROUNDWATER ANALYTICAL RESULTS IN BORINGS - AREA 3**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Residential Screening Levels		Unit	RISB-09	RISB-10	RISB-11		RISB-12	RISB-13	RISB-14
			Level	Source		28.3-40 ft bgs	28.2-40 ft bgs	25.5-35 ft bgs	25.5-35 ft bgs	19.3-30 ft bgs	17.5-30 ft bgs	22.6-35 ft bgs
						RISB-09-GW-20141212	RISB-10-GW-20141215	RISB-11-GW-20141217	RISB-11-GW-20141217-FD	RISB-12-GW-20141216	RISB-13-GW-20141218	RISB-14-GW-20141216
PCBs	PCB-118	EPA 1668A	4,000	RSL	pg/l	6.6 J	<2.7	7.8 J	4.3 J	2,700	1.9 J	13 J
	PCB-120	EPA 1668A			pg/l	<1.6	<2.4	<3.4	<3.0	<96	<1.3	<3.7
	PCB-121	EPA 1668A			pg/l	<1.5	<2.3	<3.3	<2.9	<93	<1.3	<3.5
	PCB-122	EPA 1668A			pg/l	<1.8	<2.8	<4.0	<3.5	<110	<1.5	<4.3
	PCB-123	EPA 1668A			pg/l	<1.8	<2.8	<3.9	<3.5	<110	<1.5	<4.2
	PCB-126	EPA 1668A	1.2	RSL	pg/l	<2.6	<4.3	<6.1	<5.4	<160	<2.4	<6.3
	PCB-127	EPA 1668A			pg/l	<1.7	<2.6	<3.8	<3.4	<110	<1.5	<4.1
	PCB-130	EPA 1668A			pg/l	<3.4	<4.3	<5.3	<5.4	1,200	<2.3	<7.2
	PCB-131	EPA 1668A			pg/l	<3.3	<4.1	<5.2	<5.2	<130	<2.2	<7.0
	PCB-132	EPA 1668A			pg/l	6.3 J	<3.8	5.9 J	4.8 UJ	11,000	<2.0	42 J
	PCB-133	EPA 1668A			pg/l	<3.1	<3.8	<4.8	<4.8	310	<2.0	<6.4
	PCB-136	EPA 1668A			pg/l	<2.1	<2.7	<3.4	<3.4	5,000	<1.4	16 J
	PCB-137	EPA 1668A			pg/l	<2.7	<3.4	<4.3	<4.3	210	<1.8	<5.8
	PCB-141	EPA 1668A			pg/l	<3.0	<3.7	<4.7	<4.7	11,000	<2.0	47 J
	PCB-142	EPA 1668A			pg/l	<3.0	<3.7	<4.7	<4.7	<110	<2.0	<6.3
	PCB-144	EPA 1668A			pg/l	<2.8	<3.5	<4.4	<4.4	2,200	<1.8	<5.9
	PCB-145	EPA 1668A			pg/l	<2.1	<2.6	<3.2	<3.2	<79	<1.4	<4.4
	PCB-146	EPA 1668A			pg/l	2.8 J	<3.4	<4.3	<4.3	4,500	<1.8	16 J
	PCB-148	EPA 1668A			pg/l	<2.8	<3.4	<4.3	<4.3	<110	<1.8	<5.8
	PCB-150	EPA 1668A			pg/l	<1.9	<2.4	<3.0	<3.0	<73	<1.3	<4.0
	PCB-152	EPA 1668A			pg/l	<2.0	<2.5	<3.1	<3.2	<77	<1.3	<4.2
	PCB-154	EPA 1668A			pg/l	<2.4	<3.0	<3.8	<3.8	<93	<1.6	<5.1
	PCB-155	EPA 1668A			pg/l	<1.6	<1.8	<2.3	<2.3	<59	<0.97	<3.2
	PCB-158	EPA 1668A			pg/l	<2.0	<2.5	<3.1	<3.1	3,500	<1.3	12 J
	PCB-159	EPA 1668A			pg/l	<2.3	<4.1	<3.1	<3.3	590	<2.0	<4.4
	PCB-160	EPA 1668A			pg/l	<2.4	<3.0	<3.7	<3.7	<91	<1.6	<5.0
	PCB-161	EPA 1668A			pg/l	<2.1	<2.7	<3.3	<3.4	<82	<1.4	<4.5
	PCB-162	EPA 1668A			pg/l	<2.1	<3.7	<2.8	<3.0	330	<1.8	<4.0
	PCB-164	EPA 1668A			pg/l	<2.2	<2.8	<3.5	<3.5	2,700	<1.5	11 J
	PCB-165	EPA 1668A			pg/l	<2.5	<3.1	<3.9	<3.9	<95	<1.6	<5.3
	PCB-167	EPA 1668A			pg/l	<2.1	<3.9	<2.9	<3.1	1,000	<1.9	<4.1
	PCB-169	EPA 1668A	4	RSL	pg/l	<3.0	<5.6	<4.1	<4.4	<46	<2.9	<5.7
	PCB-170	EPA 1668A			pg/l	8.7 J	<1.8	<2.2	<2.0	17,000	2.2 J	82 J
	PCB-172	EPA 1668A			pg/l	3.8 J	<1.7	<2.1	<1.9	2,500	<1.1	16 J
PCB-174	EPA 1668A			pg/l	10 J	<1.8	<2.8	<2.0	19,000	<1.2	92 J	
PCB-175	EPA 1668A			pg/l	3.3 J	<3.1	<4.9	<3.8	650	<1.5	6.8 J	
PCB-176	EPA 1668A			pg/l	2.4 J	<2.2	<3.4	<2.7	1,900	<1.0	11 J	
PCB-177	EPA 1668A			pg/l	5.0 J	<1.8	<2.1	<1.9	8,300	<1.2	44 J	
PCB-178	EPA 1668A			pg/l	3.5 J	<3.2	<5.1	<3.9	2,400	<1.5	12 J	
PCB-179	EPA 1668A			pg/l	4.5 J	<2.4	<3.8	<2.9	5,800	<1.1	22 J	
PCB-181	EPA 1668A			pg/l	<1.7	<1.5	<1.8	<1.7	<31	<1.0	<3.9	
PCB-182	EPA 1668A			pg/l	<2.0	<2.8	<4.5	<3.5	95 J	<1.3	4.6 J	
PCB-183	EPA 1668A			pg/l	6.4 J	<1.3	<1.5	<1.4	9,100	<1.4	45 J	
PCB-184	EPA 1668A			pg/l	2.2 J	<2.4	<3.8	<2.9	89 J	<1.1	6.5 J	
PCB-185	EPA 1668A			pg/l	<2.0	<1.7	<2.1	<1.9	960	<1.2	10 J	
PCB-186	EPA 1668A			pg/l	<1.6	<2.3	<3.7	<2.8	<9.2	<1.1	<2.4	
PCB-187	EPA 1668A			pg/l	7.7 J	<2.9	<4.6	<3.6	16,000	<1.4	67 J	
PCB-188	EPA 1668A			pg/l	<1.6	<2.2	<3.4	<2.6	47 J	<1.1	3.9 J	
PCB-189	EPA 1668A			pg/l	<4.5	<3.4	<5.9	<6.0	650	<2.4	<6.1	

**TABLE A-2b. GRAB GROUNDWATER ANALYTICAL RESULTS IN BORINGS - AREA 3**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Residential Screening Levels		Unit	RISB-09	RISB-10	RISB-11		RISB-12	RISB-13	RISB-14
			Level	Source		28.3-40 ft bgs	28.2-40 ft bgs	25.5-35 ft bgs	25.5-35 ft bgs	19.3-30 ft bgs	17.5-30 ft bgs	22.6-35 ft bgs
						RISB-09-GW-20141212	RISB-10-GW-20141215	RISB-11-GW-20141217	RISB-11-GW-20141217-FD	RISB-12-GW-20141216	RISB-13-GW-20141218	RISB-14-GW-20141216
PCBs	PCB-190	EPA 1668A			pg/l	<1.4	<1.2	<1.5	<1.3	3,000	<0.81	11 J
	PCB-191	EPA 1668A			pg/l	<1.4	<1.2	<1.5	<1.4	760	<0.82	5.5 J
	PCB-192	EPA 1668A			pg/l	<1.5	<1.3	<1.6	<1.4	<27	<0.87	<3.3
	PCB-194	EPA 1668A			pg/l	9.6 J	<4.7	<6.3	<5.4	6,400	<2.3	34 J
	PCB-195	EPA 1668A			pg/l	<3.8	<4.0	<5.4	<4.7	2,200	<2.0	10 J
	PCB-196	EPA 1668A			pg/l	11 J	<4.1	<4.5	<4.2	3,300	<2.0	32 J
	PCB-197	EPA 1668A			pg/l	8.8 J	<2.6	<2.8	<2.6	340	<1.2	18 J
	PCB-200	EPA 1668A			pg/l	4.6 J	<3.3	<3.6	<3.4	870	<1.6	8.2 J
	PCB-201	EPA 1668A			pg/l	12 J	<2.9	<3.2	<3.0	790	<1.4	21 J
	PCB-202	EPA 1668A			pg/l	3.0 J	<3.2	<3.4	<3.1	660	<1.6	8.7 J
	PCB-203	EPA 1668A			pg/l	6.9 J	<3.9	<4.2	<3.9	3,600	<1.8	27 J
	PCB-204	EPA 1668A			pg/l	5.3 J	<3.0	<3.3	<3.1	130 J	<1.4	11 J
	PCB-205	EPA 1668A			pg/l	5.7 J	<3.8	<5.3	<4.6	470	<1.8	11 J
	PCB-206	EPA 1668A			pg/l	50 J	10 J	<5.7	<5.6	1,600	3.7 J	87 J
	PCB-207	EPA 1668A			pg/l	78 J	15 J	6.0 J	4.6 J	1,200	3.7 J	120 J
	PCB-208	EPA 1668A			pg/l	50 J	8.5 J	6.1 J	4.7 UJ	810	<1.7	72 J
	PCB-209	EPA 1668A			pg/l	530	120 J	57 J	39 J	8,700	34 J	870
	PCBs 107+124	EPA 1668A			pg/l	<1.7	<2.5	<3.7	<3.2	<100	<1.4	<3.9
	PCBs 110+115	EPA 1668A			pg/l	6.8 J	<2.4	21 J	9.4 J	6,800	<1.3	27 J
	PCBs 12+13	EPA 1668A			pg/l	63 J	<30	<32	<27	<25	<27	<25
	PCBs 128+166	EPA 1668A			pg/l	<2.6	<3.2	<4.0	<4.0	2,700	<1.7	13 J
	PCBs 129+138+163	EPA 1668A			pg/l	19 J	<3.4	16 J	8.3 J	39,000	4.0 J	170 J
	PCBs 134+143	EPA 1668A			pg/l	<3.2	<4.0	<5.0	<5.0	1,300	<2.1	<6.7
	PCBs 135+151	EPA 1668A			pg/l	<2.9	<3.6	<4.5	<4.5	14,000	<1.9	48 J
	PCBs 139+140	EPA 1668A			pg/l	<2.7	<3.4	<4.3	<4.3	<100	<1.8	<5.8
	PCBs 147+149	EPA 1668A			pg/l	14 J	<3.5	11 J	6.6 J	34,000	3.1 J	120 J
	PCBs 153+168	EPA 1668A			pg/l	15 J	<2.8	9.4 J	5.9 J	38,000	3.1 J	150 J
	PCBs 156+157	EPA 1668A			pg/l	3.7 J	<5.4	<4.1	<4.4	2,700	<2.5	13 J
	PCBs 171+173	EPA 1668A			pg/l	3.3 J	<1.7	<2.1	<1.9	5,300	<1.1	38 J
	PCBs 18+30	EPA 1668A			pg/l	610	2,200	630 J	460 J	1,600	850	62 J
	PCBs 180+193	EPA 1668A			pg/l	25 J	<1.4	4.5 J	<1.7	37,000	3.0 J	180 J
	PCBs 198+199	EPA 1668A			pg/l	19 J	<4.3	<4.7	<4.4	5,400	<2.0	48 J
	PCBs 20+28	EPA 1668A			pg/l	95 J	61 J	5.5 J	8.5 J	800	12 J	7.2 J
	PCBs 21+33	EPA 1668A			pg/l	280 J	440	9.3 J	9.1 J	92 J	22 J	4.9 J
	PCBs 26+29	EPA 1668A			pg/l	70 J	190 J	12 J	9.1 J	57 J	24 J	<3.2
	PCBs 40+71	EPA 1668A			pg/l	34 J	22 J	6.7 J	2.0 UJ	450	9.3 J	5.9 J
	PCBs 44+47+65	EPA 1668A			pg/l	79 J	130 J	21 J	20 J	780	32 J	14 J
	PCBs 49+69	EPA 1668A			pg/l	34 J	16 J	3.9 J	1.7 UJ	340 J	4.1 J	4.7 J
	PCBs 50+53	EPA 1668A			pg/l	4.2 J	18 J	<2.0	<1.9	110 J	<1.1	<2.0
	PCBs 59+62+75	EPA 1668A			pg/l	5.5 J	3.8 J	<1.6	<1.5	44 J	<0.87	<1.6
PCBs 61+70+74+76	EPA 1668A			pg/l	28 J	10 J	28 J	24 J	1,200	55 J	11 J	
PCBs 85+116+117	EPA 1668A			pg/l	<1.8	<2.7	<3.9	<3.5	150 J	<1.5	<4.2	
PCBs 86+87+97+108+119+125	EPA 1668A			pg/l	5.4 J	<2.8	16 J	6.1 J	2,100	<1.6	11 J	
PCBs 88+91	EPA 1668A			pg/l	<2.1	<3.2	<4.7	<4.1	<130	<1.8	<5.0	
PCBs 90+101+113	EPA 1668A			pg/l	8.5 J	<2.8	19 J	9.3 J	11,000	2.9 J	37 J	
PCBs 93+100	EPA 1668A			pg/l	<2.1	<3.2	<4.7	<4.1	<130	<1.8	<5.0	
PCBs 98+102	EPA 1668A			pg/l	<1.9	<2.9	<4.3	<3.8	<120	<1.6	<4.5	
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	EPA 8290			pg/l	3.9 J	1.5 J	2.6 J	0.67 UJ	21 J	1.0 J	3.8 J	

**TABLE A-2b. GRAB GROUNDWATER ANALYTICAL RESULTS IN BORINGS - AREA 3**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Residential Screening Levels		Unit	RISB-09	RISB-10	RISB-11		RISB-12	RISB-13	RISB-14
			Level	Source		28.3-40 ft bgs	28.2-40 ft bgs	25.5-35 ft bgs	25.5-35 ft bgs	19.3-30 ft bgs	17.5-30 ft bgs	22.6-35 ft bgs
						RISB-09-GW-20141212	RISB-10-GW-20141215	RISB-11-GW-20141217	RISB-11-GW-20141217-FD	RISB-12-GW-20141216	RISB-13-GW-20141218	RISB-14-GW-20141216
Dioxins/Furans	1,2,3,4,6,7,8-Heptachlorodibenzofuran	EPA 8290			pg/l	17 J	3.2 J	3.0 J	2.8 J	220	0.97 J	32 J
	1,2,3,4,7,8,9-Heptachlorodibenzofuran	EPA 8290			pg/l	6.5 J	1.6 J	<0.77	<0.54	87	<0.63	12 J
	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	EPA 8290			pg/l	<0.58	<0.50	<0.57	<0.39	3.2 J	<0.46	<0.52
	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	EPA 8290			pg/l	<0.57	<0.49	<0.56	<0.39	5.0 J	<0.46	<2.0
	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	EPA 8290	12.6	BCL	pg/l	<0.76	<0.44	<0.49	<0.34	6.4 J	<0.40	<0.45
	1,2,3,4,7,8-Hexachlorodibenzofuran	EPA 8290			pg/l	8.4 J	1.5 J	0.64 UJ	0.44 J	100	<0.33	14 J
	1,2,3,6,7,8-Hexachlorodibenzofuran	EPA 8290			pg/l	5.1 J	1.2 J	0.60 UJ	0.63 J	63	<0.31	9.0 J
	1,2,3,7,8,9-Hexachlorodibenzofuran	EPA 8290			pg/l	0.96 J	1.2 J	<0.66	<0.34	9.4 J	<0.34	1.3 J
	2,3,4,6,7,8-Hexachlorodibenzofuran	EPA 8290			pg/l	1.6 J	<0.48	<0.63	<0.32	14 J	<0.33	2.7 J
	HpCDD (total)	EPA 8290			pg/l	5.9 J	3.7 J	3.9 J	0.95 J	32 J	2.5 J	6.2 J
	HpCDF (total)	EPA 8290			pg/l	34 J	4.8 J	3.0 J	2.8 J	450	0.97 J	62
	HxCDD (total)	EPA 8290			pg/l	1.3 J	<0.50	0.57 UJ	0.51 J	37 J	<0.46	2.8 J
	HxCDF (total)	EPA 8290			pg/l	36 J	4.9 J	0.66 UJ	1.1 J	440	<0.34	58
	1,2,3,4,5,6,7,8-Octachlorodibenzo-p-dioxin	EPA 8290			pg/l	22 J	5.2 J	5.2 J	7.4 J	29 J	10 J	7.1 J
	1,2,3,4,5,6,7,8-Octachlorodibenzofuran	EPA 8290			pg/l	46 J	8.8 J	7.3 J	7.7 J	530	2.9 J	80 J
	PeCDD (total)	EPA 8290			pg/l	1.1 J	<0.59	<0.77	<0.63	36 J	<0.93	<0.77
	PeCDF (total)	EPA 8290			pg/l	40 J	6.5 J	0.58 UJ	0.63 J	420	<0.47	48 J
	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	EPA 8290			pg/l	<0.71	<0.59	<0.77	<0.63	5.0 J	<0.93	<0.77
	1,2,3,7,8-Pentachlorodibenzofuran	EPA 8290			pg/l	5.3 J	1.6 J	0.56 UJ	0.63 J	59	<0.45	7.2 J
	2,3,4,7,8-Pentachlorodibenzofuran	EPA 8290			pg/l	3.0 J	0.93 J	<0.58	<0.36	36 J	<0.47	5.2 J
	TCDD (total)	EPA 8290			pg/l	2.7 J	0.55 J	<0.55	<0.32	36	<0.51	2.5 J
	TCDF (total)	EPA 8290			pg/l	59	14	0.91 J	0.65 J	460	1.5 J	56
	2,3,7,8-Tetrachlorodibenzo-p-dioxin	EPA 8290	30	MCL	pg/l	<0.52	<0.29	<0.55	<0.32	2.1 J	<0.51	<0.53
2,3,7,8-Tetrachlorodibenzofuran	EPA 8290			pg/l	8.2 J	1.9 J	0.91 J	0.65 J	65	<0.43	6.7 J	
Total PCB TEQs (calculated by TAS)	EPA 8280A			pg/l	0.18	0.31	0.37	0.34	8.9	0.17	0.41	
Total TEQ (Calculated)	EPA 8280A			pg/l	4.5	1.5	1.1	0.85	50	0.99	6.5	
Organic Acids	Phthalic acid	EPA 8270	66,700	BCL	µg/l	5.9 UJ	7.0 UJ	6.7 UJ	6.3 UJ	6.5 UJ	6.8 UJ	6.1 UJ
Radionuclides	Radium-226	EPA 903.0	5	BCL	pCi/l	0.739	1.28	1.69	1.52	1.26	21.3	1.85
	Radium-228	EPA 904.0	5	BCL	pCi/l	<0.620	<0.612	0.693 UJ	0.682 J	0.962	11.4	0.862
	Thorium-228	DOE A-01-R	0.14	BCL	pCi/l	0.491	0.533 J	1.12	1.20	0.902	22.4	<0.585
	Thorium-230	DOE A-01-R	0.05	BCL	pCi/l	0.985 J	1.27	1.36	1.69	1.13	39.6	1.76
	Thorium-232	DOE A-01-R	0.17	BCL	pCi/l	<0.195	0.246	<0.486	<0.302	<0.471	8.34	<0.293
	Uranium-233/234	DOE A-01-R			pCi/l	24.3	25.9	46.5	49.2	24.6	66.9	40.6
	Uranium-235/236	DOE A-01-R			pCi/l	0.669	1.09	2.40	2.17	1.04	<4.29	1.08
	Uranium-238	DOE A-01-R			pCi/l	14.8	16.1	31.3	38.0	18.1	43.8	27.5
Uranium-238	EPA 6020	30	BCL	µg/l	63	63	140	130	62	21	110	



**TABLE A-2b. GRAB GROUNDWATER ANALYICAL RESULTS IN BORINGS - AREA 3**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Residential Screening Levels		Unit	RISB-09	RISB-10	RISB-11		RISB-12	RISB-13	RISB-14
			Level	Source		28.3-40 ft bgs	28.2-40 ft bgs	25.5-35 ft bgs	25.5-35 ft bgs	19.3-30 ft bgs	17.5-30 ft bgs	22.6-35 ft bgs
						RISB-09-GW-20141212	RISB-10-GW-20141215	RISB-11-GW-20141217	RISB-11-GW-20141217-FD	RISB-12-GW-20141216	RISB-13-GW-20141218	RISB-14-GW-20141216
Total Petroleum Hydrocarbons	Diesel Range Organics (C10-C28)	EPA 8015			mg/l	0.18	<0.027	0.037 J	0.029 UJ	0.39	0.047 J	0.032 J
	EFH (C10-C40)	EPA 8015			mg/l	0.27	0.044 J	0.071 J	0.029 UJ	0.48	0.088	0.074
	Petroleum Hydrocarbons (C29-C40)	EPA 8015			mg/l	<0.029	<0.027	<0.031	<0.029	<0.028	0.042 J	<0.026
General Chemistry	Alkalinity (as CaCO3)	SM 2320			µg/l	160,000	170,000	130,000	130,000	150,000	120,000	120,000
	Ammonia (as N)	SM 4500			µg/l	<100	<100	<100	<100	180 J	300 J	230 J
	Bicarbonate as HCO3	SM 2320			mg/l	200	210	160	160	180	150	150
	Bromide	EPA 300			mg/l	<5	6.2	5.1	6	2.5 UJ	13 J	2.5 UJ
	Carbonate (CO3)	SM 2320			mg/l	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4
	Chloride	EPA 300	250	2 <sup>nd</sup> MCL	mg/l	930	1,100	850	870	1,000	720	900
	Hydroxide	SM 2320			mg/l	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4
	Nitrate (as NO3)	EPA 300			mg/l	70	70	39	41	73 J	53 J	46 J
	Nitrate/Nitrite	EPA 300			µg/l	16,000	16,000	8,800	9,400	16,000	12,000	10,000
	Nitrite	EPA 300	1	BCL	mg/l	<1.4	<0.7	<0.7	<0.7	<0.7	<0.35	<0.7
	ortho-Phosphate (total) (as P)	EPA 300			mg/l	<1.6	<0.8	<0.8	<0.8	<0.8	<0.4	<0.8
	Phosphorus (total)	EPA 365.3	0.667	BCL	µg/l	--	--	330	330	--	1,600 J	--
	Silicon	EPA 200.7			µg/l	41,000	41,000	44,000	46,000	42,000	49,000	51,000
Sulfate	EPA 300			mg/l	2,000	1,800	1,900	1,900	1,900	2,500	2,500	
Sulfide (total)	EPA 9034			mg/l	<1.0	<1.0	<1.0	1.0 UJ	<1.0	1.0 UJ	<1.0	

**Notes:**

ft bgs: feet below ground surface

FD: Field Duplicate

GW: Groundwater

Above Screening Level

bold value: detection

Groundwater screening levels were selected according to the following hierarchy of criteria:

1. Maximum Contaminant Level (MCL): Primary United States Environmental Protections Agency (USEPA) maximum contaminant level (40 CFR Part 141).
2. Basic Contaminant Level (BCL): Residential water basic comparison levels in NDEP February 2015 BCL Spreadsheet or Target Water Activities for radionuclides (NDEP 2015).
3. Regional Screening Level (RSL): Tap water regional screening levels in USEPA Pacific Southwest, Region 9, Regional Screening Levels Chemical Specific Parameters table, June 2015. The screening levels were selected as the minimal values of carcinogenic screening level and noncarcinogenic screening level (USEPA 2015).
4. 2<sup>nd</sup> Maximum Contaminant Level (2<sup>nd</sup> MCL): National Secondary Drinking Water Regulations (40 CFR Part 143).

**Sources:**

NDEP, 2015. User's Guide and Background Technical Document for NDEP Basic

Comparison Levels (BCLs) for Human Health for the BMI Complex and

Common Areas. Revision 13, February.

USEPA, 2015. Regional Screening Levels (RSL) for Chemical Contaminants at Superfund

Sites. June.

USEPA. National Primary Drinking Water Regulations. Code of Federal Regulations,

40 CFR Part 141.

USEPA. National Secondary Drinking Water Regulations. Code of Federal Regulations,

40 CFR Part 143.

**TABLE A-2c. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 3 TEST PITS**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RIT-1-01	RIT-1-02	RIT-1-03	RIT-1-04	RIT-1-05	RIT-2-01	RIT-2-02	RIT-2-03		RIT-2-04	RIT-2-05	RIT-3-01	RIT-3-02
			- ft bgs	- ft bgs		- ft bgs	- ft bgs	- ft bgs	- ft bgs	- ft bgs	- ft bgs	- ft bgs	- ft bgs	- ft bgs	- ft bgs	- ft bgs	- ft bgs	
			Level	Source		RIT-1-01-20141111	RIT-1-02-20141111	RIT-1-03-20141112	RIT-1-04-20141112	RIT-1-05-20141112	RIT-2-01-20141112	RIT-2-02-20141112	RIT-2-03-20141112	RIT-2-03-20141112-FD	RIT-2-04-20141113	RIT-2-05-20141113	RIT-3-01-20141113	RIT-3-02-20141113
Asbestos	Long Amphibole Protocol Structures	EPA 540			s/gPM10	<8,930,000	<8,900,000	<8,920,000	<8,900,000	--	<8,900,000	<8,960,000	<8,940,000	<8,900,000	--	--	<8,940,000	<8,920,000
	Long Amphibole Protocol Structures Count	EPA 540			s/samp	<0	<0	<0	<0	--	<0	<0	<0	<0	--	--	<0	<0
	Long Asbestos Protocol Structures	EPA 540			s/gPM10	<8,930,000	<8,900,000	<8,920,000	<8,900,000	--	<8,900,000	<8,960,000	<8,940,000	<8,900,000	--	--	<8,940,000	<8,920,000
	Long Asbestos Protocol Structures Count	EPA 540			s/samp	<0	<0	<0	<0	--	<0	<0	<0	<0	--	--	<0	<0
	Long Chrysotile Protocol Structures	EPA 540			s/gPM10	<8,930,000	<8,900,000	<8,920,000	<8,900,000	--	<8,900,000	<8,960,000	<8,940,000	<8,900,000	--	--	<8,940,000	<8,920,000
	Long Chrysotile Protocol Structures Count	EPA 540			s/samp	<0	<0	<0	<0	--	<0	<0	<0	<0	--	--	<0	<0
	Short Amphibole Structures	EPA 540			s/gPM10	<8,930,000	<8,900,000	<8,920,000	<8,900,000	--	<8,900,000	<8,960,000	<8,940,000	<8,900,000	--	--	<8,940,000	<8,920,000
	Short Amphibole Structures Counts	EPA 540			s/samp	<0	<0	<0	<0	--	<0	<0	<0	<0	--	--	<0	<0
	Short Asbestos Structures	EPA 540			s/gPM10	<8,930,000	<8,900,000	<8,920,000	<8,900,000	--	<8,900,000	<8,960,000	<8,940,000	<8,900,000	--	--	<8,940,000	<8,920,000
	Short Asbestos Structures Counts	EPA 540			s/samp	<0	<0	<0	1	--	<0	<0	<0	<0	--	--	<0	<0
	Short Chrysotile Structures	EPA 540			s/gPM10	<8,930,000	<8,900,000	<8,920,000	<8,900,000	--	<8,900,000	<8,960,000	<8,940,000	<8,900,000	--	--	<8,940,000	<8,920,000
	Short Chrysotile Structures Counts	EPA 540			s/samp	<0	<0	<0	1	--	<0	<0	<0	<0	--	--	<0	<0
	Total Amphibole Protocol Structures	EPA 540			s/gPM10	<8,930,000	<8,900,000	<8,920,000	<8,900,000	--	<8,900,000	<8,960,000	<8,940,000	<8,900,000	--	--	<8,940,000	<8,920,000
	Total Amphibole Protocol Structures Count	EPA 540			s/samp	<0	<0	<0	<0	--	<0	<0	<0	<0	--	--	<0	<0
Total Asbestos Protocol Structures	EPA 540			s/gPM10	<8,930,000	<8,900,000	<8,920,000	<8,900,000	--	<8,900,000	<8,960,000	<8,940,000	<8,900,000	--	--	<8,940,000	<8,920,000	
Total Asbestos Protocol Structures Count	EPA 540			s/samp	<0	<0	<0	1	--	<0	<0	<0	<0	--	--	<0	<0	
Total Chrysotile Protocol Structures	EPA 540			s/gPM10	<8,930,000	<8,900,000	<8,920,000	<8,900,000	--	<8,900,000	<8,960,000	<8,940,000	<8,900,000	--	--	<8,940,000	<8,920,000	
Total Chrysotile Protocol Structures Count	EPA 540			s/samp	<0	<0	<0	1	--	<0	<0	<0	<0	--	--	<0	<0	
Chlorates	Chlorate	EPA 300.1	1.03	BCL	mg/kg	0.81	4.8	1.8	1.8	0.18 J	15	0.62	76	78	0.73	750	16	<0.052
	Perchlorate	EPA 314.0	0.0185	BCL	mg/kg	2.4	7.4	2.9	9.8	4.6	30	1.7	68	46	1.9	110	13	0.93
Common Metals	Aluminum	EPA 6010	75	BCL	mg/kg	10,000	9,000	9,800	13,000	12,000	11,000	8,500	11,000	10,000	4,300	8,700	11,000	11,000
	Antimony	EPA 6020	0.3	BCL	mg/kg	0.54 UJ	0.52 UJ	<0.52	<0.52	<0.50	<0.55	<0.52	<0.51	<0.51	0.52 UJ	0.51 UJ	0.54 UJ	0.51 UJ
	Arsenic	EPA 6020	1	BCL	mg/kg	3.2	4.5	4.5	5.4	11	2.9	2.9	3.5	3.7	9.0	2.3	3.2	2.5
	Barium	EPA 6010	82	BCL	mg/kg	210 J	220 J	190 J	390 J	280 J	180 J	140 J	240 J	250 J	150	110	220	210
	Boron	EPA 6010	21.4	BCL	mg/kg	7.1	14	7.7	22	75	16	<13	9.1	9.9	<13	4.0 J	7.4	4.2 J
	Cadmium	EPA 6010	0.4	BCL	mg/kg	<0.27	<0.26	<0.26	<0.26	<0.50	<0.27	<1.3	<0.25	<0.25	<1.3	<0.26	<0.27	<0.26
	Chromium (total)	EPA 6010	180,000	RSL	mg/kg	13	16	29	22	22	15	9.7	19	21	44	14	15	17
	Cobalt	EPA 6010	0.453	BCL	mg/kg	7.1	11	9.2	9.8	8.9	8.0	11	12	13	2.8 J	3.4	6.9	7.8
	Copper	EPA 6010	45.8	BCL	mg/kg	25	41	37	36	27	20	18	29	35	48	32	18	22
	Iron	EPA 6010	7.56	BCL	mg/kg	15,000	16,000	16,000	19,000	19,000	16,000	12,000	16,000	18,000	110,000	11,000	15,000	19,000
	Lead	EPA 6010	13.5	RSL	mg/kg	8.8	22	25	30	21	7.7	9.3 J	16	21	<5.2	5.2	8.6	14
	Magnesium	EPA 6010	889	BCL	mg/kg	11,000	12,000	11,000	12,000	20,000	13,000	6,500	14,000	10,000	2,100	4,500	14,000	8,600
	Manganese	EPA 6010	1.3	BCL	mg/kg	380	1,300	970	1,400	2,000	430	9,600	2,100	2,500	890	1,200	330	500
	Mercury	EPA 7471	0.104	BCL	mg/kg	0.029	0.087	0.090	0.10	0.031	0.23	1.8	0.071	0.062	0.24	0.028	0.050	0.069
Molybdenum	EPA 6010	3.37	BCL	mg/kg	1.5 J	9.3	6.8	7.4	2.9 J	<1.1	<5.2	1.8 J	1.8 J	<5.2	<1.0	<1.1	<1.0	

TABLE A-2c. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 3 TEST PITS

RI Data Evaluation

Nevada Environmental Response Trust Site; Henderson, Nevada

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RIT-1-01	RIT-1-02	RIT-1-03	RIT-1-04	RIT-1-05	RIT-2-01	RIT-2-02	RIT-2-03		RIT-2-04	RIT-2-05	RIT-3-01	RIT-3-02
			- ft bgs	- ft bgs		- ft bgs	- ft bgs	- ft bgs	- ft bgs	- ft bgs	- ft bgs	- ft bgs	- ft bgs	- ft bgs	- ft bgs	- ft bgs	- ft bgs	- ft bgs
			Level	Source		RIT-1-01-20141111	RIT-1-02-20141111	RIT-1-03-20141112	RIT-1-04-20141112	RIT-1-05-20141112	RIT-2-01-20141112	RIT-2-02-20141112	RIT-2-03-20141112	RIT-2-03-20141112-FD	RIT-2-04-20141113	RIT-2-05-20141113	RIT-3-01-20141113	RIT-3-02-20141113
Common Metals	Nickel	EPA 6010	7	BCL	mg/kg	14	18	17	17	14	17	14	17	18	7.3 J	7.8	15	17
	Selenium	EPA 6020	0.3	BCL	mg/kg	<0.54	<0.52	<0.52	<0.52	<0.50	<0.55	<0.52	<0.51	<0.51	<0.52	<0.51	<0.54	<0.51
	Silver	EPA 6010	0.85	BCL	mg/kg	<0.82	<0.78	<0.78	<0.78	<1.5	<0.82	<3.9	<0.76	<0.76	<3.9	<0.77	<0.80	<0.78
	Thallium	EPA 6020	0.4	BCL	mg/kg	<0.27	<0.26	<0.26	<0.26	<0.25	<0.27	<0.26	<0.26	<0.25	<0.26	<0.26	<0.27	<0.25
	Zinc	EPA 6010	620	BCL	mg/kg	35	83	67 J	130 J	83 J	38 J	78 J	67 J	83 J	<13	62	31	45
Hexavalent Chromium	Chromium VI	EPA 7199	2	BCL	mg/kg	<0.44	<0.42	0.42 UJ	0.42 UJ	2.7 J	0.44 UJ	0.42 UJ	0.41 UJ	0.41 UJ	0.46 J	1.5	<0.43	<0.41
Rare Metals	Niobium	EPA 6020	1.17	BCL	mg/kg	2.1 UJ	1.8 UJ	1.9 UJ	1.8 UJ	1.9 UJ	1.9 UJ	1.7 UJ	1.9 UJ	1.7 UJ	--	--	--	--
	Palladium	EPA 6020			mg/kg	<0.060 nd	<0.050 nd	<0.052	<0.054	<0.052	<0.060	<0.052	<0.048	<0.053	--	--	--	--
	Strontium	EPA 6010	422	RSL	mg/kg	340 J	180 J	180 J	370 J	420 J	240 J	130 J	230 J	220 J	120	230	370	190
	Tungsten	EPA 6010	37.6	BCL	mg/kg	5.4 UJ	5.2 UJ	5.2 UJ	5.2 UJ	9.9 UJ	5.5 UJ	26 UJ	5.1 UJ	5.1 UJ	26 UJ	5.1 UJ	5.3 UJ	5.2 UJ
	Zirconium	EPA 6010	4.79	RSL	mg/kg	24	23	24	30	23	25	17 J	22	24	18 J	17	26	22
VOCs	Acetone	EPA 8260	0.8	BCL	mg/kg	0.0087 UJ	0.0078 UJ	<0.0080	0.038	0.054	<0.0081	<0.0081	<0.013	<0.0082	0.084 J	0.0081 UJ	<0.0082	<0.0076
	t-Amyl methyl ether	EPA 8260			mg/kg	<0.0011	<0.00097	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0016	<0.0010	<0.0010	0.0010 UJ	<0.0010	<0.00095
	Benzene	EPA 8260	0.002	BCL	mg/kg	0.00054 UJ	0.00048 UJ	<0.00050	<0.00052	<0.00051	<0.00051	<0.00051	<0.00082	<0.00051	<0.00052	0.00051 UJ	0.00051 UJ	0.00047 UJ
	Bromobenzene	EPA 8260	0.0421	RSL	mg/kg	0.0011 UJ	0.00097 UJ	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0016	<0.0010	<0.0010	0.0010 UJ	0.0010 UJ	0.00095 UJ
	Bromochloromethane	EPA 8260			mg/kg	0.0011 UJ	0.00097 UJ	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0016	<0.0010	<0.0010	0.0010 UJ	0.0010 UJ	0.00095 UJ
	Bromodichloromethane	EPA 8260	0.03	BCL	mg/kg	0.00054 UJ	0.00048 UJ	<0.00050	<0.00052	<0.00051	<0.00051	<0.00051	<0.00082	<0.00051	<0.00052	0.00051 UJ	0.00051 UJ	0.00047 UJ
	Bromoform	EPA 8260	0.04	BCL	mg/kg	<0.0011	<0.00097	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0016	<0.0010	<0.0010	0.0010 UJ	<0.0010	<0.00095
	Bromomethane	EPA 8260	0.01	BCL	mg/kg	0.0011 UJ	0.00097 UJ	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0016	<0.0010	<0.0010	0.0010 UJ	<0.0010	<0.00095
	2-Butanone	EPA 8260	1.16	RSL	mg/kg	0.0054 UJ	0.0048 UJ	<0.0050	<0.0052	<0.0051	<0.0051	<0.0051	<0.0082	<0.0051	0.0076 J	0.0051 UJ	<0.0051	<0.0047
	n-Butylbenzene	EPA 8260	3.23	RSL	mg/kg	0.0011 UJ	0.00097 UJ	0.0010 UJ	0.0010 UJ	<0.0010	0.0010 UJ	0.0010 UJ	0.0016 UJ	0.0010 UJ	<0.0010	0.0010 UJ	0.0010 UJ	0.00095 UJ
	sec-Butylbenzene	EPA 8260	5.87	RSL	mg/kg	0.0011 UJ	0.00097 UJ	0.0010 UJ	0.0010 UJ	<0.0010	0.0010 UJ	0.0010 UJ	0.0016 UJ	0.0010 UJ	<0.0010	0.0010 UJ	0.0010 UJ	0.00095 UJ
	Carbon tetrachloride	EPA 8260	0.003	BCL	mg/kg	0.00054 UJ	0.00048 UJ	<0.00050	<0.00052	<0.00051	<0.00051	<0.00051	<0.00082	<0.00051	<0.00052	0.00051 UJ	0.00051 UJ	0.00047 UJ
	Chlorobenzene	EPA 8260	0.07	BCL	mg/kg	<0.00054	<0.00048	<0.00050	<0.00052	<0.00051	<0.00051	<0.00051	<0.00082	<0.00051	<0.00052	0.00051 UJ	<0.00051	<0.00047
	Chloroethane	EPA 8260	5.92	RSL	mg/kg	<0.0011	<0.00097	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0016	<0.0010	<0.0010	0.0010 UJ	<0.0010	<0.00095
	Chloroform	EPA 8260	0.03	BCL	mg/kg	<0.00054	<0.00048	<0.00050	<0.00052	<0.00051	<0.00051	<0.00051	<0.00082	<0.00051	<0.00052	0.00051 UJ	<0.00051	<0.00047
	Chloromethane	EPA 8260	0.0486	RSL	mg/kg	<0.0011	<0.00097	0.0010 UJ	0.0010 UJ	<0.0010	0.0010 UJ	0.0010 UJ	0.0016 UJ	0.0010 UJ	0.0010 UJ	0.0010 UJ	<0.0010	<0.00095
	2-Chlorotoluene	EPA 8260	0.231	RSL	mg/kg	0.0011 UJ	0.00097 UJ	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0016	<0.0010	<0.0010	0.0010 UJ	0.0010 UJ	0.00095 UJ
	4-Chlorotoluene	EPA 8260	0.241	RSL	mg/kg	0.0011 UJ	0.00097 UJ	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0016	<0.0010	<0.0010	0.0010 UJ	0.0010 UJ	0.00095 UJ
	Cumene	EPA 8260	0.738	RSL	mg/kg	<0.00054	<0.00048	0.00050 UJ	0.00052 UJ	<0.00051	0.00051 UJ	0.00051 UJ	0.00082 UJ	0.00051 UJ	<0.00052	0.00051 UJ	<0.00051	<0.00047
	p-Cymene	EPA 8260	3.91	CAL	mg/kg	<0.00054	<0.00048	0.00050 UJ	0.00052 UJ	<0.00051	0.00051 UJ	0.00051 UJ	0.00082 UJ	0.00051 UJ	<0.00052	0.00051 UJ	<0.00051	<0.00047
	Dibromochloromethane	EPA 8260	0.02	BCL	mg/kg	0.00054 UJ	0.00048 UJ	<0.00050	<0.00052	<0.00051	<0.00051	<0.00051	<0.00082	<0.00051	<0.00052	0.00051 UJ	0.00051 UJ	0.00047 UJ
	1,2-Dibromoethane	EPA 8260	0.0000141	RSL	mg/kg	0.00054 UJ	0.00048 UJ	<0.00050	<0.00052	<0.00051	<0.00051	<0.00051	<0.00082	<0.00051	<0.00052	0.00051 UJ	<0.00051	<0.00047
	Dibromomethane	EPA 8260	0.00197	RSL	mg/kg	<0.00054	<0.00048	<0.00050	<0.00052	<0.00051	<0.00051	<0.00051	<0.00082	<0.00051	<0.00052	0.00051 UJ	<0.00051	<0.00047
	1,2-Dichlorobenzene	EPA 8260	0.9	BCL	mg/kg	0.00054 UJ	0.00048 UJ	<0.00050	<0.00052	<0.00051	<0.00051	<0.00051	<0.00082	<0.00051	<0.00052	0.00051 UJ	0.00051 UJ	0.00047 UJ
	1,3-Dichlorobenzene	EPA 8260	0.0473	CAL	mg/kg	<0.00054	<0.00048	<0.00050	<0.00052	<0.00051	<0.00051	<0.00051	<0.00082	<0.00051	<0.00052	0.00051 UJ	<0.00051	<0.00047
	1,4-Dichlorobenzene	EPA 8260	0.1	BCL	mg/kg	<0.00054	<0.00048	<0.00050	<0.00052	<0.00051	<0.00051	<0.00051	<0.00082	<0.00051	<0.00052	0.00051 UJ	<0.00051	<0.00047
	Dichlorodifluoromethane	EPA 8260	0.304	RSL	mg/kg	<0.0011	<0.00097	0.0010 UJ	0.0010 UJ	0.0010 UJ	0.0010 UJ	0.0010 UJ	0.0016 UJ	0.0010 UJ	0.0010 UJ	0.0010 UJ	<0.0010	<0.00095
	1,1-Dichloroethane	EPA 8260	1	BCL	mg/kg	<0.00054	<0.00048	<0.00050	<0.00052	<0.00051	<0.00051	<0.00051	<0.00082	<0.00051	<0.00052	0.00051 UJ	0.00051 UJ	0.00047 UJ
	1,2-Dichloroethane	EPA 8260	0.001	BCL	mg/kg	<0.00054	<0.00048	<0.00050	<0.00052	<0.00051	<0.00051	<0.00051	<0.00082	<0.00051	<0.00052	0.00051 UJ	0.00051 UJ	0.00047 UJ
	1,1-Dichloroethene	EPA 8260	0.003	BCL	mg/kg	0.00054 UJ	0.00048 UJ	<0.00050	<0.00052	<0.00051	<0.00051	<0.00051	<0.00082	<0.00051	<0.00052	0.00051 UJ	<0.00051	<0.00047
	cis-1,2-Dichloroethene	EPA 8260	0.02	BCL	mg/kg	0.00054 UJ	0.00048 UJ	<0.00050	<0.00052	<0.00051	<0.00051	<0.00051	<0.00082	<0.00051	<0.00052	0.00051 UJ	0.00051 UJ	0.00047 UJ
	trans-1,2-Dichloroethene	EPA 8260	0.03	BCL	mg/kg	0.00054 UJ	0.00048 UJ	<0.00050	<0.00052	<0.00051	<0.00051	<0.00051	<0.00082	<0.00051	<0.00052	0.00051 UJ	0.00051 UJ	0.00047 UJ
1,2-Dichloropropane	EPA 8260	0.001	BCL	mg/kg	0.00054 UJ	0.00048 UJ	<0.00050	<0.00052	<0.00051	<0.00051	<0.00051	<0.00082	<0.00051	<0.00052	0.00051 UJ	0.00051 UJ	0.00047 UJ	
1,3-Dichloropropane	EPA 8260	0.001	BCL	mg/kg	<0.00054	<0.00048	<0.00050	<0.00052	<0.00051	<0.00051	<0.00051	<0.00082	<0.00051	<0.00052	0.00051 UJ	<0.00051	<0.00047	
2,2-Dichloropropane	EPA 8260			mg/kg	0.0011 UJ	0.00097 UJ	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0016	<0.0010	<0.0010	0.0010 UJ	0.0010 UJ	0.00095 UJ	
1,1-Dichloropropene	EPA 8260			mg/kg	0.00054 UJ	0.00048 UJ	0.00050 UJ	0.00052 UJ	<0.00051	0.00051 UJ	0.00051 UJ	0.00082 UJ	0.00051 UJ	<0.00052	0.00051 UJ	0.00051 UJ	0.00047 UJ	
cis-1,3-Dichloropropene	EPA 8260			mg/kg	0.00054 UJ	0.00048 UJ	0.00050 UJ	0.00052 UJ	<0.00051	0.00051 UJ	0.00051 UJ	0.00082 UJ	0.00051 UJ	<0.00052	0.00051 UJ	0.00051 UJ	0.00047 UJ	

**TABLE A-2c. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 3 TEST PITS**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RIT-1-01	RIT-1-02	RIT-1-03	RIT-1-04	RIT-1-05	RIT-2-01	RIT-2-02	RIT-2-03		RIT-2-04	RIT-2-05	RIT-3-01	RIT-3-02
			- ft bgs	- ft bgs		- ft bgs	- ft bgs	- ft bgs	- ft bgs	- ft bgs	- ft bgs	- ft bgs	- ft bgs	- ft bgs	- ft bgs	- ft bgs	- ft bgs	- ft bgs
			Level	Source		RIT-1-01-20141111	RIT-1-02-20141111	RIT-1-03-20141112	RIT-1-04-20141112	RIT-1-05-20141112	RIT-2-01-20141112	RIT-2-02-20141112	RIT-2-03-20141112	RIT-2-03-20141112-FD	RIT-2-04-20141113	RIT-2-05-20141113	RIT-3-01-20141113	RIT-3-02-20141113
VOCs	trans-1,3-Dichloropropene	EPA 8260			mg/kg	0.00054 UJ	0.00048 UJ	0.00050 UJ	0.00052 UJ	<0.00051	0.00051 UJ	0.00051 UJ	0.00082 UJ	0.00051 UJ	<0.00052	0.00051 UJ	0.00051 UJ	0.00047 UJ
	Diisopropyl ether	EPA 8260			mg/kg	0.0011 UJ	0.00097 UJ	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0016	<0.0010	0.0010 UJ	0.0010 UJ	0.0010 UJ	0.00095 UJ
	Ethyl benzene	EPA 8260	0.7	BCL	mg/kg	<0.00054	<0.00048	<0.00050	<0.00052	<0.00051	<0.00051	<0.00051	<0.00082	<0.00051	<b>0.00053 J</b>	0.00051 UJ	<0.00051	<0.00047
	Ethyl tert-butyl ether	EPA 8260			mg/kg	0.0011 UJ	0.00097 UJ	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0016	<0.0010	<0.0010	0.0010 UJ	0.0010 UJ	0.00095 UJ
	Hexachlorobutadiene	EPA 8260	0.1	BCL	mg/kg	<0.0011	<0.00097	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0016	<0.0010	<0.0010	0.0010 UJ	<0.0010	<0.00095
	2-Hexanone	EPA 8260			mg/kg	0.0054 UJ	0.0048 UJ	<0.0050	<b>0.017</b>	<0.0051	<0.0051	<0.0051	<0.0082	<0.0051	0.0052 UJ	0.0051 UJ	0.0051 UJ	0.0047 UJ
	Methyl tert-butyl ether	EPA 8260			mg/kg	<0.0011	<0.00097	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0016	<0.0010	<0.0010	0.0010 UJ	<0.0010	<0.00095
	Methylene chloride	EPA 8260	0.001	BCL	mg/kg	<0.0054	<0.0048	<0.0050	<0.0052	<0.0050	<0.0051	<0.0051	<0.0082	<0.0051	<0.0052	0.0051 UJ	<0.0051	<0.0047
	Naphthalene	EPA 8260	4	BCL	mg/kg	0.0011 UJ	0.00097 UJ	0.0010 UJ	0.0010 UJ	<0.0010	0.0010 UJ	0.0010 UJ	0.0016 UJ	0.0010 UJ	<0.0010	0.0010 UJ	0.0010 UJ	0.00095 UJ
	n-Propylbenzene	EPA 8260	1.22	RSL	mg/kg	0.00054 UJ	0.00048 UJ	0.00050 UJ	0.00052 UJ	<0.00051	0.00051 UJ	0.00051 UJ	0.00082 UJ	0.00051 UJ	<0.00052	0.00051 UJ	0.00051 UJ	0.00047 UJ
	Styrene	EPA 8260	0.2	BCL	mg/kg	0.00054 UJ	0.00048 UJ	<0.00050	<0.00052	<0.00051	<0.00051	<0.00051	<0.00082	<0.00051	<0.00052	0.00051 UJ	0.00051 UJ	0.00047 UJ
	1,1,1,2-Tetrachloroethane	EPA 8260	0.000218	RSL	mg/kg	0.0011 UJ	0.00097 UJ	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0016	<0.0010	<0.0010	0.0010 UJ	0.0010 UJ	0.00095 UJ
	1,1,2,2-Tetrachloroethane	EPA 8260	0.0002	BCL	mg/kg	<0.0011	<0.00097	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0016	<0.0010	<0.0010	0.0010 UJ	<0.0010	<0.00095
	Tetrachloroethene	EPA 8260	0.003	BCL	mg/kg	<0.00054	<0.00048	<0.00050	<0.00052	<0.00051	<0.00051	<0.00051	<0.00082	<0.00051	<0.00052	0.00051 UJ	<0.00051	<0.00047
	Toluene	EPA 8260	0.6	BCL	mg/kg	<0.00054	<0.00048	<0.00050	<0.00052	<0.00051	<0.00051	<0.00051	<0.00082	<0.00051	<b>0.00097 J</b>	0.00051 UJ	<0.00051	<0.00047
	1,2,3-Trichlorobenzene	EPA 8260	0.0209	RSL	mg/kg	0.0011 UJ	0.00097 UJ	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0016	<0.0010	<0.0010	0.0010 UJ	0.0010 UJ	0.00095 UJ
	1,2,4-Trichlorobenzene	EPA 8260	0.3	BCL	mg/kg	0.0011 UJ	0.00097 UJ	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0016	<0.0010	<0.0010	0.0010 UJ	0.0010 UJ	0.00095 UJ
	1,1,1-Trichloroethane	EPA 8260	0.1	BCL	mg/kg	<0.00054	<0.00048	<0.00050	<0.00052	<0.00051	<0.00051	<0.00051	<0.00082	<0.00051	<0.00052	0.00051 UJ	<0.00051	<0.00047
	1,1,2-Trichloroethane	EPA 8260	0.0009	BCL	mg/kg	0.00054 UJ	0.00048 UJ	<0.00050	<0.00052	<0.00051	<0.00051	<0.00051	<0.00082	<0.00051	<0.00052	0.00051 UJ	0.00051 UJ	0.00047 UJ
	Trichloroethene	EPA 8260	0.003	BCL	mg/kg	<0.00054	<0.00048	<0.00050	<0.00052	<0.00051	<0.00051	<0.00051	<0.00082	<0.00051	<0.00052	0.00051 UJ	<0.00051	<0.00047
	Trichlorofluoromethane	EPA 8260	0.731	RSL	mg/kg	<0.0011	<0.00097	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0016	<0.0010	<0.0010	0.0010 UJ	<0.0010	<0.00095
	1,2,3-Trichloropropane	EPA 8260	0.00000323	RSL	mg/kg	0.0011 UJ	0.00097 UJ	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0016	<0.0010	<0.0010	0.0010 UJ	0.0010 UJ	0.00095 UJ
	1,2,4-Trimethylbenzene	EPA 8260	0.0212	RSL	mg/kg	0.0011 UJ	0.00097 UJ	0.0010 UJ	0.0010 UJ	<0.0010	0.0010 UJ	0.0010 UJ	0.0016 UJ	0.0010 UJ	<0.0010	0.0010 UJ	0.0010 UJ	0.00095 UJ
	1,3,5-Trimethylbenzene	EPA 8260	0.167	RSL	mg/kg	0.0011 UJ	0.00097 UJ	0.0010 UJ	0.0010 UJ	<0.0010	0.0010 UJ	0.0010 UJ	0.0016 UJ	0.0010 UJ	<0.0010	0.0010 UJ	0.0010 UJ	0.00095 UJ
	Vinyl chloride	EPA 8260	0.0007	BCL	mg/kg	<0.0011	<0.00097	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0016	<0.0010	<0.0010	0.0010 UJ	<0.0010	<0.00095
	m,p-Xylene	EPA 8260			mg/kg	<0.0011	<0.00097	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0016	<0.0010	<b>0.0022</b>	0.0010 UJ	<0.0010	<0.00095
	o-Xylene	EPA 8260	9	BCL	mg/kg	0.00054 UJ	0.00048 UJ	0.00050 UJ	0.00052 UJ	<0.00051	0.00051 UJ	0.00051 UJ	0.00082 UJ	0.00051 UJ	<b>0.00075 J</b>	0.00051 UJ	0.00051 UJ	0.00047 UJ
	1,2-Dibromo-3-chloropropane	EPA 8260	0.0000864	RSL	mg/kg	<0.0022	<0.0019	<0.0020	<0.0021	<0.0020	<0.0020	<0.0020	<0.0033	<0.0020	<0.0021	0.0020 UJ	<0.0021	<0.0019
	4-Methyl-2-pentanone	EPA 8260			mg/kg	0.0027 UJ	0.0024 UJ	0.0025 UJ	<b>0.0029 J</b>	<0.0025	0.0025 UJ	0.0025 UJ	0.0041 UJ	0.0026 UJ	0.0026 UJ	0.0025 UJ	0.0026 UJ	0.0024 UJ
	tert Butyl alcohol	EPA 8260			mg/kg	<0.011	<0.0097	<0.010	<0.010	<0.010	<0.010	<0.010	<0.016	<0.010	0.010 UJ	0.010 UJ	<0.010	<0.0095
tert-Butylbenzene	EPA 8260	1.55	RSL	mg/kg	0.0011 UJ	0.00097 UJ	0.0010 UJ	0.0010 UJ	<0.0010	0.0010 UJ	0.0010 UJ	0.0016 UJ	0.0010 UJ	<0.0010	0.0010 UJ	0.0010 UJ	0.00095 UJ	
SVOCs	Acenaphthene	EPA 8270	29	BCL	mg/kg	<0.072	<0.069	<0.14	<0.069	<0.14	<0.15	<0.070	<0.068	<0.068	<0.068	<0.27	<0.072	<0.068
	Acenaphthene	EPA 8270-SIM	29	BCL	mg/kg	<0.0044	<0.0041	<0.021	<0.021	<0.0040	<0.0044	<0.021	<0.0040	<0.0082	<0.0042	<0.0040	<0.0042	<0.0040
	Aniline	EPA 8270	0.00456	RSL	mg/kg	<0.092	<0.088	<0.18	<0.087	<0.18	<0.19	<0.089	<0.086	<0.087	0.087 UJ	0.34 UJ	0.091 UJ	0.086 UJ
	Anthracene	EPA 8270	590	BCL	mg/kg	<0.086	<0.083	<0.17	<0.082	<0.17	<0.18	<0.084	<0.081	<0.082	<0.082	<0.32	<0.086	<0.081
	Anthracene	EPA 8270-SIM	590	BCL	mg/kg	<0.0044	<0.0041	<0.021	<0.021	<0.0040	<0.0044	<0.021	<0.0040	<0.0082	<0.0042	<0.0040	<0.0042	<0.0040
	Benzidine	EPA 8270			mg/kg	0.71 UJ	0.68 UJ	1.4 UJ	0.68 UJ	0.71 UJ	1.4 UJ	0.69 UJ	0.67 UJ	0.67 UJ	0.67 UJ	2.6 UJ	<0.71 R	0.67 UJ
	Benzo(k)fluoranthene	EPA 8270	2	BCL	mg/kg	<0.075	<0.072	<0.15	<0.072	<0.15	<0.15	<0.074	<0.071	<0.072	<0.071	<0.28	<0.075	<0.071
	Benzo(k)fluoranthene	EPA 8270-SIM	2	BCL	mg/kg	<0.0044	<b>0.015 J</b>	<0.021	<b>0.025 J</b>	<0.0040	<0.0044	<0.021	<b>0.011 J</b>	0.0082 UJ	<0.0042	<0.0040	<0.0042	<0.0040
	Benzoic acid	EPA 8270	20	BCL	mg/kg	<0.37	<0.35	<0.71	<0.35	<0.73	<0.74	<0.36	<0.34	<0.35	<0.35	<1.4 R	0.36 UJ	<0.35
	Benzyl alcohol	EPA 8270	0.476	RSL	mg/kg	<0.16	<0.15	<0.31	<0.15	<0.32	<0.33	<0.16	<0.15	<0.15	<0.15	0.60 UJ	<0.16	0.15 UJ
	4-Bromophenyl-phenyl ether	EPA 8270			mg/kg	<0.081	<0.077	<0.16	<0.077	<0.16	<0.16	<0.079	<0.076	<0.077	<0.077	<0.30	<0.080	<0.076
	Butylbenzylphthalate	EPA 8270	810	BCL	mg/kg	<0.086	<0.083	<0.17	<0.082	<0.17	<0.18	<0.084	<0.081	<0.082	<0.082	<0.32	<0.086	<0.081
	4-Chloroaniline	EPA 8270	0.03	BCL	mg/kg	<0.14	<0.14	<0.28	<0.14	<0.29	<0.29	<0.14	<0.13	<0.14	<0.14	<0.53	<0.14	<0.14
	2-Chloronaphthalene	EPA 8270	3.85	RSL	mg/kg	<0.072	<0.069	<0.14	<0.069	<0.14	<0.15	<0.070	<0.068	<0.068	<0.068	<0.27	<0.072	<0.068
	2-Chlorophenol	EPA 8270	0.2	BCL	mg/kg	<0.075	<0.072	<0.15	<0.072	<0.15	<0.15	<0.074	<0.071	<0.072	<0.071	<0.28 R	<0.075	<0.071
	4-Chlorophenyl-phenyl ether	EPA 8270			mg/kg	<0.092	<0.088	<0.18	<0.087	<0.18	<0.19	<0.089	<0.086	<0.087	<0.087	<0.34	<0.091	<0.086

**TABLE A-2c. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 3 TEST PITS**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RIT-1-01	RIT-1-02	RIT-1-03	RIT-1-04	RIT-1-05	RIT-2-01	RIT-2-02	RIT-2-03		RIT-2-04	RIT-2-05	RIT-3-01	RIT-3-02	
			- ft bgs	- ft bgs		- ft bgs	- ft bgs	- ft bgs	- ft bgs	- ft bgs	- ft bgs	- ft bgs	- ft bgs	- ft bgs	- ft bgs	- ft bgs	- ft bgs	- ft bgs	
			Level	Source		RIT-1-01-20141111	RIT-1-02-20141111	RIT-1-03-20141112	RIT-1-04-20141112	RIT-1-05-20141112	RIT-2-01-20141112	RIT-2-02-20141112	RIT-2-03-20141112	RIT-2-03-20141112-FD	RIT-2-04-20141113	RIT-2-05-20141113	RIT-3-01-20141113	RIT-3-02-20141113	
SVOCs	Chrysene	EPA 8270	8	BCL	mg/kg	<0.081	<0.077	<0.16	<0.077	<0.16	<0.16	<0.079	<0.076	<0.077	<0.077	<0.30	<0.080	<0.076	
	Chrysene	EPA 8270-SIM	8	BCL	mg/kg	<0.0044	<b>0.025 J</b>	<b>0.054 J</b>	<b>0.071 J</b>	<0.0040	<0.0044	<b>0.032 J</b>	<b>0.028 J</b>	<b>0.013 J</b>	<0.0042	<0.0040	<0.0042	<b>0.010 J</b>	
	Di-n-butylphthalate	EPA 8270	270	BCL	mg/kg	<0.097	<0.093	<0.19	<0.092	<0.19	<0.20	<0.095	<0.091	<0.092	<0.092	<0.36	<0.096	<0.091	
	Di-n-octylphthalate	EPA 8270	56.5	RSL	mg/kg	<0.097	<0.093	<0.19	<0.092	<0.19	<0.20	<0.095	<0.091	<0.092	<0.092	<0.36	<0.096	<0.091	
	Dibenz(a,h)anthracene	EPA 8270	0.08	BCL	mg/kg	0.11 UJ	0.10 UJ	0.21 UJ	0.10 UJ	0.22 UJ	0.22 UJ	0.11 UJ	0.10 UJ	0.10 UJ	0.10 UJ	0.40 UJ	0.11 UJ	0.10 UJ	
	Dibenz(a,h)anthracene	EPA 8270-SIM	0.08	BCL	mg/kg	<0.0044	<0.0041	<0.021	<0.021	<0.0040	<0.0044	<0.021	<0.0040	<0.0082	<0.0042	<0.0040	<0.0042	<0.0040	<0.0040
	Dibenzofuran	EPA 8270	0.145	RSL	mg/kg	<0.072	<0.069	<0.14	<0.069	<0.14	<0.15	<0.070	<0.068	<0.068	<0.068	<0.27	<0.072	<0.068	
	3,3'-Dichlorobenzidine	EPA 8270	0.0003	BCL	mg/kg	<0.16	<0.15	<0.31	<0.15	<0.32	<0.33	<0.16	<0.15	<0.15	<0.15	<0.60	<0.16	<0.15	
	2,4-Dichlorophenol	EPA 8270	0.05	BCL	mg/kg	<0.072	<0.069	<0.14	<0.069	<0.14	<0.15	<0.070	<0.068	<0.068	<0.068	<0.27 R	<0.072	<0.068	
	Diethylphthalate	EPA 8270	6.08	RSL	mg/kg	<0.10	<0.098	<0.20	<0.097	<0.21	<0.21	<0.10	<0.096	<0.097	<0.097	<0.38	<0.10	<0.096	
	2,4-Dimethylphenol	EPA 8270	0.4	BCL	mg/kg	<0.14	<0.13	<0.27	<0.13	<0.28	<0.28	<0.14	<0.13	<0.13	<0.13	<0.52 R	<0.14	<0.13	
	Dimethylphthalate	EPA 8270			mg/kg	<0.072	<0.069	<0.14	<0.069	<0.14	<0.15	<0.070	<0.068	<0.068	<0.068	<0.27	<0.072	<0.068	
	2,4-Dinitrophenol	EPA 8270	0.01	BCL	mg/kg	<0.36	<0.34	<0.69	<0.34	<0.71	<0.72	<0.35	<0.33	<0.34	<0.34	<1.3 R	<0.35	<0.34	
	2,4-Dinitrotoluene	EPA 8270	0.00004	BCL	mg/kg	<0.086	<0.083	<0.17	<0.082	<0.17	<0.18	<0.084	<0.081	<0.082	<0.082	<0.32	<0.086	<0.081	
	2,6-Dinitrotoluene	EPA 8270	0.00003	BCL	mg/kg	<0.10	<0.098	<0.20	<0.097	<0.21	<0.21	<0.10	<0.096	<0.097	<0.097	<0.38	<0.10	<0.096	
	Fluoranthene	EPA 8270	210	BCL	mg/kg	<0.075	<0.072	<0.15	<0.072	<0.15	<0.15	<0.074	<0.071	<0.072	<0.071	<0.28	<0.075	<0.071	
	Fluoranthene	EPA 8270-SIM	210	BCL	mg/kg	<0.0044	<b>0.018 J</b>	<b>0.042 J</b>	<b>0.082 J</b>	<b>0.0042 J</b>	<0.0044	<b>0.021 J</b>	<b>0.025 J</b>	<b>0.0090 J</b>	<0.0042	<0.0040	<0.0042	<0.0040	
	Fluorene	EPA 8270	28	BCL	mg/kg	<0.075	<0.072	<0.15	<0.072	<0.15	<0.15	<0.074	<0.071	<0.072	<0.071	<0.28	<0.075	<0.071	
	Fluorene	EPA 8270-SIM	28	BCL	mg/kg	<0.0044	<0.0041	<0.021	<0.021	<0.0040	<0.0044	<0.021	<0.0040	<0.0082	<0.0042	<0.0040	<0.0042	<0.0040	
	Hexachlorobenzene	EPA 8270	0.1	BCL	mg/kg	<0.075	<b>0.26 J</b>	<0.15	<0.072	<0.15	<0.15	<b>0.97</b>	<b>1.1 J</b>	0.072 UJ	<0.071	<0.28	<0.075	<0.071	
	Hexachlorocyclopentadiene	EPA 8270	20	BCL	mg/kg	<0.14	<0.14	<0.28	<0.14	<0.29	<0.29	<0.14	<0.13	<0.14	<0.14	<0.53	<0.14	<0.14	
	Hexachloroethane	EPA 8270	0.02	BCL	mg/kg	<0.14	<0.14	<0.28	<0.14	<0.29	<0.29	<0.14	<0.13	<0.14	<0.14	<0.53	<0.14	<0.14	
	Isophorone	EPA 8270	0.03	BCL	mg/kg	<0.072	<0.069	<0.14	<0.069	<0.14	<0.15	<0.070	<0.068	<0.068	<0.068	<0.27	<0.072	<0.068	
	1-Methylnaphthalene	EPA 8270	0.00584	RSL	mg/kg	<0.16	<0.15	<0.31	<0.15	<0.32	<0.33	<0.16	<0.15	<0.15	<0.15	<0.60	<0.16	<0.15	
	2-Methylnaphthalene	EPA 8270	0.185	RSL	mg/kg	<0.075	<0.072	<0.15	<0.072	<0.15	<0.15	<0.074	<0.071	<0.072	<0.071	<0.28	<0.075	<0.071	
	2-Methylphenol	EPA 8270	0.8	BCL	mg/kg	<0.086	<0.083	<0.17	<0.082	<0.17	<0.18	<0.084	<0.081	<0.082	<0.082	<0.32 R	<0.086	<0.081	
	3&4-Methylphenol	EPA 8270			mg/kg	<0.14	<0.14	<0.28	<0.14	<0.29	<0.29	<0.14	<0.13	<0.14	<0.14	<0.53 R	<0.14	<0.14	
	Naphthalene	EPA 8270	4	BCL	mg/kg	<0.072	<0.069	<0.14	<0.069	<0.14	<0.15	<0.070	<0.068	<0.068	<0.068	<0.27	<0.072	<0.068	
	Naphthalene	EPA 8270-SIM	4	BCL	mg/kg	<0.0044	<0.0041	<0.021	<0.021	<0.0040	<0.0044	<0.021	<0.0040	<0.0082	<0.0042	<0.0040	<0.0042	<0.0040	
	2-Nitroaniline	EPA 8270	0.0801	RSL	mg/kg	<0.072	<0.069	<0.14	<0.069	<0.14	<0.15	<0.070	<0.068	<0.068	<0.068	<0.27	<0.072	<0.068	
	3-Nitroaniline	EPA 8270			mg/kg	<0.14	<0.14	<0.28	<0.14	<0.29	<0.29	<0.14	<0.13	<0.14	<0.14	<0.53	<0.14	<0.14	
	4-Nitroaniline	EPA 8270	0.00158	RSL	mg/kg	<0.14	<0.14	<0.28	<0.14	<0.29	<0.29	<0.14	<0.13	<0.14	<0.14	<0.53	<0.14	<0.14	
	Nitrobenzene	EPA 8270	0.007	BCL	mg/kg	<0.075	<0.072	<0.15	<0.072	<0.15	<0.15	<0.074	<0.071	<0.072	<0.071	<0.28	<0.075	<0.071	
	2-Nitrophenol	EPA 8270			mg/kg	<0.14	<0.14	<0.28	<0.14	<0.29	<0.29	<0.14	<0.13	<0.14	<0.14	<0.53 R	<0.14	<0.14	
	4-Nitrophenol	EPA 8270			mg/kg	<0.15	<0.14	<0.29	<0.14	<0.30	<0.31	<0.15	<0.14	<0.14	<0.14	<0.56 R	<0.15	<0.14	
	n-Nitrosodiphenylamine	EPA 8270	0.06	BCL	mg/kg	<0.086	<0.083	<0.17	<0.082	<0.17	<0.18	<0.084	<0.081	<0.082	<0.082	<0.32	<0.086	<0.081	
	Octachlorostyrene	EPA 8270			mg/kg	<2.5	<2.4	<4.8	<2.4	<5.0	<5.0	<2.4	<2.3	<2.4	<2.3	<9.2	<2.5	<2.3	
	Pentachlorophenol	EPA 8270	0.001	BCL	mg/kg	<0.37	<0.35	<0.71	<0.35	<0.73	<0.74	<0.36	<0.34	<0.35	<0.35	<1.4 R	<0.36	<0.35	
	Phenol	EPA 8270	5	BCL	mg/kg	<0.097	<0.093	<0.19	<0.092	<0.19	<0.20	<0.095	<0.091	<0.092	<0.092	<0.36 R	<0.096	<0.091	
	Pyrene	EPA 8270	210	BCL	mg/kg	<0.086	<0.083	<0.17	<0.082	<0.17	<0.18	<0.084	0.081 UJ	<b>0.18 J</b>	<0.082	<0.32	<0.086	<0.081	
	Pyrene	EPA 8270-SIM	210	BCL	mg/kg	<0.0044	<b>0.020 J</b>	<b>0.040 J</b>	<b>0.086 J</b>	<0.0040	<0.0044	<b>0.021 J</b>	<b>0.026 J</b>	<b>0.0098 J</b>	<0.0042	<0.0040	<0.0042	<b>0.013 J</b>	
	Pyridine	EPA 8270			mg/kg	<0.16	<0.15	<0.31	<0.15	<0.32	<0.33	<0.16	<0.15	<0.15	<0.15	<0.60	<0.16	<0.15	
	2,4,5-Trichlorophenol	EPA 8270	14	BCL	mg/kg	<0.14	<0.13	<0.27	<0.13	<0.28	<0.28	<0.14	<0.13	<0.13	<0.13	<0.52 R	<0.14	<0.13	
	2,4,6-Trichlorophenol	EPA 8270	0.008	BCL	mg/kg	<0.081	<0.077	<0.16	<0.077	<0.16	<0.16	<0.079	<0.076	<0.077	<0.077	<0.30 R	<0.080	<0.076	
	bis(2-Chloroethoxy)methane	EPA 8270	0.0135	RSL	mg/kg	<0.14	<0.14	<0.28	<0.14	<0.29	<0.29	<0.14	<0.13	<0.14	<0.14	<0.53	<0.14	<0.14	
	bis(2-Chloroethyl) ether	EPA 8270	0.00002	BCL	mg/kg	<0.075	<0.072	<0.15	<0.072	<0.15	<0.15	<0.074	<0.071	<0.072	<0.071	<0.28	<0.075	<0.071	
	bis(2-Ethylhexyl)phthalate	EPA 8270	180	BCL	mg/kg	<0.097	<0.093	<0.19	<0.092	<0.19	<0.20	<0.095	<0.091	<0.092	<0.092	<0.36	<0.096	<0.091	
	4-Chloro-3-methylphenol	EPA 8270	1.71	RSL	mg/kg	<0.075	<0.072	<0.15	<0.072	<0.15	<0.15	<0.074	<0.071	<0.072	<0.071	<0.28 R	<0.075	<0.071	



**TABLE A-2c. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 3 TEST PITS**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RIT-1-01	RIT-1-02	RIT-1-03	RIT-1-04	RIT-1-05	RIT-2-01	RIT-2-02	RIT-2-03		RIT-2-04	RIT-2-05	RIT-3-01	RIT-3-02	
			- ft bgs	- ft bgs		- ft bgs	- ft bgs	- ft bgs	- ft bgs	- ft bgs	- ft bgs	- ft bgs	- ft bgs	- ft bgs	- ft bgs	- ft bgs	- ft bgs	- ft bgs	
			Level	Source		RIT-1-01-20141111	RIT-1-02-20141111	RIT-1-03-20141112	RIT-1-04-20141112	RIT-1-05-20141112	RIT-2-01-20141112	RIT-2-02-20141112	RIT-2-03-20141112	RIT-2-03-20141112-FD	RIT-2-04-20141113	RIT-2-05-20141113	RIT-3-01-20141113	RIT-3-02-20141113	
SVOCs	n-Nitroso-di-n-propylamine	EPA 8270	0.000002	BCL	mg/kg	<0.075	<0.072	<0.15	<0.072	<0.15	<0.15	<0.074	<0.071	<0.072	<0.071	<0.28	<0.075	<0.071	
Organo-phosphorus Pesticides	Atrazine	EPA 8141A			mg/kg	<0.012	<0.012	<0.013	<0.012	<0.012	<0.013	<0.012	<0.012	<0.012	<0.013	<0.012	0.013 UJ	<0.012	
	Chlorpyrifos	EPA 8141A	0.124	RSL	mg/kg	<0.0065	<0.0066	<0.0067	<0.0064	<0.0061	<0.0070	<0.0066	<0.0066	<0.0065	<0.0067	<0.0063	<0.0067	<0.0066	
	Coumaphos	EPA 8141A			mg/kg	<0.0028	<0.0029	<0.0029	<0.0028	<0.0027	<0.0030	<0.0028	<0.0029	<0.0028	<0.0029	<0.0027	0.0029 UJ	<0.0028	
	Dasanit	EPA 8141A			mg/kg	<0.0082	<0.0084	0.0084 UJ	0.0080 UJ	0.0078 UJ	0.0088 UJ	0.0083 UJ	0.0083 UJ	0.0082 UJ	<0.0084	<0.0079	0.0085 UJ	<0.0083	
	Demeton (O + S)	EPA 8141A			mg/kg	<0.0076	<0.0077	<0.0078	<0.0074	<0.0072	<0.0081	<0.0076	<0.0077	<0.0076	<0.0078	<0.0073	<0.0078	<0.0076	
	Demeton-O	EPA 8141A			mg/kg	<0.0054	<0.0054	<0.0055	<0.0052	<0.0050	<0.0057	<0.0054	<0.0054	<0.0053	<0.0055	<0.0052	<0.0055	<0.0054	
	Demeton-S	EPA 8141A			mg/kg	<0.0049	<0.0050	<0.0050	<0.0048	<0.0046	<0.0052	<0.0049	<0.0050	<0.0049	<0.0050	<0.0047	<0.0051	<0.0049	
	Diazinon	EPA 8141A	0.0648	RSL	mg/kg	<0.0074	<0.0074	<0.0075	<0.0072	<0.0069	<0.0078	<0.0074	<0.0074	<0.0073	<0.0075	<0.0071	0.0076 UJ	<0.0074	
	Dibrom	EPA 8141A			mg/kg	<0.23	<0.23	<0.23	<0.22	<0.22	<0.24	<0.23	<0.23	<0.23	<0.23	<0.023	<0.022	<0.024	<0.023
	Dichlorovos	EPA 8141A	0.0000811	RSL	mg/kg	<0.0075	<0.0076	<0.0077	<0.0073	0.0070 UJ	0.0080 UJ	0.0075 UJ	0.0076 UJ	0.0074 UJ	<0.0077	<0.0072	<0.0077	<0.0075	
	Dimethoate	EPA 8141A	0.000899	RSL	mg/kg	<0.0072	<0.0073	<0.0073	<0.0070	<0.0067	<0.0076	<0.0072	<0.0073	<0.0071	<0.0073	<0.0069	<0.0074	<0.0072	
	Disulfoton	EPA 8141A	0.000939	RSL	mg/kg	<0.0078	<0.0079	<0.0080	<0.0076	<0.0074	<0.0083	<0.0078	<0.0079	<0.0078	<0.0080	<0.0075	<0.0080	<0.0078	
	Ethoprop nitrophenyl benzenethiophosphate	EPA 8141A	0.00277	RSL	mg/kg	<0.0037	<0.0038	<0.0038	<0.0036	<0.0035	<0.0040	<0.0037	<0.0038	<0.0037	<0.0038	<0.0036	0.0038 UJ	<0.0037	
	Famphur	EPA 8141A			mg/kg	<0.0033	<0.0033	<0.0033	<0.0032	<0.0031	<0.0035	<0.0033	<0.0033	<0.0033	<0.0032	<0.0033	<0.0031	<0.0034	<0.0033
	Fenthion	EPA 8141A			mg/kg	<0.0088	<0.0090	<0.0090	<0.0086	<0.0083	<0.0094	<0.0089	<0.0090	<0.0088	<0.0090	<0.0085	0.0091 UJ	<0.0089	
	Guthion	EPA 8141A			mg/kg	<0.0035	<0.0036	<0.0036	<0.0034	<0.0033	<0.0038	<0.0036	<0.0036	<0.0035	<0.0036	<0.0034	0.0036 UJ	<0.0036	
	Malathion	EPA 8141A	0.102	RSL	mg/kg	<0.0047	<0.0048	<0.0048	<0.0046	<0.0044	<0.0050	<0.0047	<0.0048	<0.0047	<0.0048	<0.0045	0.0048 UJ	<0.0047	
	Merphos	EPA 8141A	0.059	RSL	mg/kg	<0.0052	<0.0053	<0.0053	<0.0051	<0.0049	<0.0055	<0.0052	<0.0053	<0.0052	<0.0053	<0.0050	<0.0054	<0.0052	
	Methyl parathion	EPA 8141A	7.41	RSL	µg/kg	<6.4	<6.5	<6.6	<6.3	6.1 UJ	6.9 UJ	6.5 UJ	6.5 UJ	6.4 UJ	<6.6	<6.2	6.6 UJ	<6.5	
	Mevinphos	EPA 8141A			mg/kg	<0.0047	<0.0047	<0.0048	<0.0046	0.0044 UJ	0.0050 UJ	0.0047 UJ	0.0047 UJ	0.0046 UJ	0.0046 UJ	<0.0048	<0.0045	<0.0048	<0.0047
	Parathion	EPA 8141A	432	RSL	µg/kg	<5.4	<5.4	<5.5	<5.2	<5.0	<5.7	<5.4	<5.4	<5.3	<5.5	<5.2	<5.5	<5.4	
	Phorate	EPA 8141A	0.00338	RSL	mg/kg	<0.0058	<0.0058	<0.0059	<0.0056	<0.0054	<0.0061	<0.0058	<0.0058	<0.0057	<0.0059	<0.0056	0.0059 UJ	<0.0058	
	Prothiophos	EPA 8141A			mg/kg	<0.0040	<0.0040	<0.0040	<0.0039	<0.0037	<0.0042	<0.0040	<0.0040	<0.0039	<0.0040	<0.0038	<0.0041	<0.0040	
Ronnel	EPA 8141A	3.7	RSL	mg/kg	<0.015	<0.016	<0.016	<0.015	<0.014	<0.016	<0.015	<0.016	<0.015	<0.016	<0.015	<0.016	<0.015		
Simazine	EPA 8141A			mg/kg	<0.022	<0.023	<0.023	<0.022	<0.021	<0.024	<0.022	<0.023	<0.022	<0.023	<0.022	<0.023	<0.022		
Stirophos	EPA 8141A			mg/kg	<0.0044	<0.0045	<0.0045	<0.0043	<0.0042	<0.0047	<0.0044	<0.0045	<0.0044	<0.0045	<0.0043	0.0045 UJ	<0.0044		
Sulfotepp	EPA 8141A			mg/kg	<0.0063	<0.0064	<0.0065	<0.0062	<0.0060	<0.0068	<0.0064	<0.0064	<0.0063	<0.0065	<0.0061	0.0065 UJ	<0.0064		
Sulprofos	EPA 8141A			mg/kg	<0.0043	<0.0043	<0.0044	<0.0042	<0.0040	<0.0046	<0.0043	<0.0043	<0.0043	<0.0044	<0.0041	<0.0044	<0.0043		
Thionazin	EPA 8141A			mg/kg	<0.0056	<0.0057	<0.0058	<0.0055	<0.0053	<0.0060	<0.0057	<0.0057	<0.0056	<0.0058	<0.0054	<0.0058	<0.0057		
	o-Ethyl o-2,4,5-trichlorophenyl ethyl-phosphonothioate	EPA 8141A			mg/kg	0.0063 UJ	0.0064 UJ	<0.0065	<0.0062	<0.0059	<0.0067	<0.0063	<0.0064	<0.0063	<0.0065	<0.0061	<0.0065	<0.0063	
Organo-chlorine Pesticides	Aldrin	EPA 8081	0.02	BCL	mg/kg	--	--	<0.0078	<0.0016	<0.0015	<0.0016	<0.0016	<0.0015	<0.0015	<0.0016	<0.0033	<0.0016	<0.0015	
	alpha-BHC	EPA 8081	0.0266	BCL	mg/kg	--	--	<0.0078	<b>0.0051 J</b>	<0.0015	<0.0016	<0.0016	<0.0015	<0.0015	<0.0016	<0.0033	<0.0016	<0.0015	
	beta-BHC	EPA 8081	0.00545	BCL	mg/kg	--	--	<0.0078	<b>0.047 J</b>	<b>0.0028 J</b>	<0.0016	<0.0016	<0.0015	<0.0015	<0.0016	<0.0033	<0.0016	<b>0.0028 J</b>	
	delta-BHC	EPA 8081	28.1	BCL	mg/kg	--	--	<0.0078	<0.0016	<0.0015	<0.0016	<0.0016	<0.0015	<0.0015	<0.0016	<0.0033	<0.0016	<0.0015	
	gamma-BHC	EPA 8081	0.0005	BCL	mg/kg	--	--	<0.0078	<0.0016	<0.0015	<0.0016	<0.0016	<0.0015	<0.0015	<0.0016	<0.0033	<0.0016	<0.0015	
	alpha-Chlordane	EPA 8081			mg/kg	--	--	<0.010	<0.0021	<0.0020	<0.0022	<0.0021	<0.0020	<0.0020	<0.0021	<0.0044	<0.0022	<0.0021	
	gamma-Chlordane	EPA 8081			mg/kg	--	--	<0.0078	<0.0016	<0.0015	<0.0016	<0.0016	<0.0015	<0.0015	<0.0016	<0.0033	<0.0016	<0.0015	
	4,4'-DDD	EPA 8081	0.8	BCL	mg/kg	--	--	<0.0078	<0.0016	<0.0015	<0.0016	<0.0016	<0.0015	<0.0015	<0.0016	<0.0033	<0.0016	<0.0015	
	2,4'-DDE	EPA 8081			mg/kg	--	--	<b>0.016 J</b>	<0.0016	<0.0015	<0.0016	<b>0.0020 J</b>	<b>0.0032 J</b>	<b>0.0040 J</b>	<0.0016	<0.0033	<0.0016	<0.0015	
	4,4'-DDE	EPA 8081	3	BCL	mg/kg	--	--	<b>0.0089 J</b>	<b>0.0051 J</b>	<b>0.0032 J</b>	<0.0016	<0.0016	<b>0.0038 J</b>	<b>0.0033 J</b>	<0.0016	<0.0033	<0.0016	<b>0.0049 J</b>	
	4,4'-DDT	EPA 8081	2	BCL	mg/kg	--	--	<b>0.021 J</b>	<0.0016	<0.0015	<0.0016	<0.0016	<b>0.0024 J</b>	0.0015 UJ	<0.0016	<0.0033	<0.0016	<0.0015	
	Dieldrin	EPA 8081	0.0002	BCL	mg/kg	--	--	<0.0078	<0.0016	<0.0015	<0.0016	<0.0016	<0.0015	<0.0015	<0.0016	<0.0033	<0.0016	<0.0015	
	Endosulfan I	EPA 8081			mg/kg	--	--	<0.0078	<0.0016	<0.0015	<0.0016	<0.0016	<0.0015	<0.0015	<0.0016	<0.0033	<0.0016	<0.0015	
	Endosulfan II	EPA 8081			mg/kg	--	--	<0.0078	<0.0016	<0.0015	<0.0016	<0.0016	<0.0015	<0.0015	<0.0016	<0.0033	<0.0016	<0.0015	
Endosulfan sulfate	EPA 8081			mg/kg	--	--	<0.010	<0.0021	<0.0020	<0.0022	<0.0021	<0.0020	<0.0020	<0.0021	<0.0044	<0.0022	<0.0021		

**TABLE A-2c. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 3 TEST PITS**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RIT-1-01	RIT-1-02	RIT-1-03	RIT-1-04	RIT-1-05	RIT-2-01	RIT-2-02	RIT-2-03		RIT-2-04	RIT-2-05	RIT-3-01	RIT-3-02
			- ft bgs	- ft bgs		- ft bgs	- ft bgs	- ft bgs	- ft bgs	- ft bgs	- ft bgs	- ft bgs	- ft bgs	- ft bgs	- ft bgs	- ft bgs	- ft bgs	- ft bgs
			Level	Source		RIT-1-01-20141111	RIT-1-02-20141111	RIT-1-03-20141112	RIT-1-04-20141112	RIT-1-05-20141112	RIT-2-01-20141112	RIT-2-02-20141112	RIT-2-03-20141112	RIT-2-03-20141112-FD	RIT-2-04-20141113	RIT-2-05-20141113	RIT-3-01-20141113	RIT-3-02-20141113
Organo-chlorine Pesticides	Endrin	EPA 8081	0.05	BCL	mg/kg	--	--	<0.0078	<0.0016	<0.0015	<0.0016	<0.0016	<0.0015	<0.0015	<0.0016	<0.0033	<0.0016	<0.0015
	Endrin aldehyde	EPA 8081			mg/kg	--	--	<0.0078	<0.0016	<0.0015	<0.0016	<0.0016	<0.0015	<0.0015	<0.0016	<0.0033	<0.0016	<0.0015
	Endrin ketone	EPA 8081			mg/kg	--	--	<0.010	<0.0021	<0.0020	<0.0022	<0.0021	<0.0020	<0.0020	<0.0021	<0.0044	<0.0022	<0.0021
	Heptachlor	EPA 8081	1	BCL	mg/kg	--	--	<0.010	<0.0021	<0.0020	<0.0022	<0.0021	<0.0020	<0.0020	<0.0021	<0.0044	<0.0022	<0.0021
	Heptachlor epoxide	EPA 8081	0.03	BCL	mg/kg	--	--	<0.010	<0.0021	<0.0020	<0.0022	<0.0021	<0.0020	<0.0020	<0.0021	<0.0044	<0.0022	<0.0021
	Methoxychlor	EPA 8081	8	BCL	mg/kg	--	--	<0.0078	<0.0016	<0.0015	<0.0016	<0.0016	<0.0015	<0.0015	<0.0016	<0.0033	<0.0016	<0.0015
	Toxaphene	EPA 8081	2	BCL	mg/kg	--	--	<0.26	<0.052	<0.050	<0.055	<0.052	<0.051	<0.051	<0.052	<0.11	<0.054	<0.051
PAHs	Acenaphthylene	EPA 8270	0.0106	CAL	mg/kg	<0.075	<0.072	<0.15	<0.072	<0.15	<0.15	<0.074	<0.071	<0.072	<0.071	<0.28	<0.075	<0.071
	Acenaphthylene	EPA 8270-SIM	0.0106	CAL	mg/kg	<0.0044	<0.0041	<0.021	<0.021	<0.0040	<0.0044	<0.021	<0.0040	<0.0082	<0.0042	<0.0040	<0.0042	<0.0040
	Benzo(a)anthracene	EPA 8270	0.08	BCL	mg/kg	<0.075	<0.072	<0.15	<0.072	<0.15	<0.15	<0.074	<0.071	<0.072	<0.071	<0.28	<0.075	<0.071
	Benzo(a)anthracene	EPA 8270-SIM	0.08	BCL	mg/kg	<0.0044	<b>0.015 J</b>	<b>0.025 J</b>	<b>0.048 J</b>	<0.0040	<0.0044	<0.021	<b>0.017 J</b>	0.0082 UJ	<0.0042	<0.0040	<0.0042	<0.0040
	Benzo(a)pyrene	EPA 8270	0.4	BCL	mg/kg	<0.072	<0.069	<0.14	<0.069	<0.14	<0.15	<0.070	0.068 UJ	<b>0.081 J</b>	<0.068	<0.27	<0.072	<0.068
	Benzo(a)pyrene	EPA 8270-SIM	0.4	BCL	mg/kg	<0.0044	<b>0.017 J</b>	<b>0.025 J</b>	<b>0.038 J</b>	<0.0040	<0.0044	<0.021	<b>0.017 J</b>	0.0082 UJ	<0.0042	<0.0040	<0.0042	<0.0040
	Benzo(b)fluoranthene	EPA 8270	0.2	BCL	mg/kg	<0.075	<0.072	<0.15	<0.072	<0.15	<0.15	<0.074	<0.071	<0.072	<0.071	<0.28	<0.075	<0.071
	Benzo(b)fluoranthene	EPA 8270-SIM	0.2	BCL	mg/kg	<0.0044	<b>0.037</b>	<b>0.046 J</b>	<b>0.077 J</b>	<0.0040	<0.0044	<b>0.040 J</b>	<b>0.034 J</b>	<b>0.015 J</b>	<0.0042	<0.0040	<0.0042	<b>0.0043 J</b>
	Benzo(g,h,i)perylene	EPA 8270			mg/kg	<0.12	<0.11	<0.23	<0.11	<0.24	<0.24	<0.12	<0.11	<0.11	<0.11	<0.44	<0.12	<0.11
	Benzo(g,h,i)perylene	EPA 8270-SIM			mg/kg	<0.0044	<b>0.017 J</b>	<b>0.032 J</b>	<b>0.039 J</b>	<0.0040	<0.0044	<b>0.030 J</b>	<b>0.014 J</b>	<b>0.0092 J</b>	<0.0042	<0.0040	<0.0042	<b>0.0041 J</b>
	Indeno(1,2,3-cd)pyrene	EPA 8270	0.7	BCL	mg/kg	<0.14	<0.13	<0.27	<0.13	<0.28	<0.28	<0.14	<0.13	<0.13	<0.13	<0.52	<0.14	<0.13
	Indeno(1,2,3-cd)pyrene	EPA 8270-SIM	0.7	BCL	mg/kg	<0.0044	<b>0.015 J</b>	<b>0.026 J</b>	<b>0.032 J</b>	<0.0040	<0.0044	<0.021	<b>0.015 J</b>	0.0082 UJ	<0.0042	<0.0040	<0.0042	<0.0040
	Phenanthrene	EPA 8270	0.0243	CAL	mg/kg	<0.072	<0.069	<0.14	<0.069	<0.14	<0.15	<0.070	<0.068	<0.068	<0.068	<0.27	<0.072	<0.068
Phenanthrene	EPA 8270-SIM	0.0243	CAL	mg/kg	<0.0044	<b>0.0058 J</b>	<0.021	<b>0.048 J</b>	<0.0040	<0.0044	<0.021	<b>0.0092 J</b>	0.0082 UJ	<0.0042	<b>0.0040 J</b>	<0.0042	<b>0.011 J</b>	
PCBs	Aroclor-1260	EPA 8082	0.00549	RSL	mg/kg	<0.018	<b>0.12</b>	<0.018	<b>0.27</b>	<b>0.048 J</b>	<0.019	<0.018	<0.017	<0.017	<0.018	<0.037	<0.018	<0.017
	PCB-001	EPA 1668A			pg/g	<b>1.9 J</b>	<b>28</b>	<b>19 J</b>	<b>15 J</b>	<b>5.6 J</b>	<b>34</b>	<b>13 J</b>	<b>71</b>	<b>80</b>	<b>30</b>	<b>3.4 J</b>	<b>0.52 J</b>	<b>3.2 J</b>
	PCB-002	EPA 1668A			pg/g	<b>1.4 J</b>	<b>31</b>	<b>34 J</b>	<b>21 J</b>	<b>8.2 J</b>	<b>26</b>	<b>18 J</b>	<b>93</b>	<b>130</b>	<b>14 J</b>	<b>0.78 J</b>	<0.11	<b>1.9 J</b>
	PCB-003	EPA 1668A			pg/g	<b>3.0 J</b>	<b>28</b>	<b>44</b>	<b>29 J</b>	<b>17 J</b>	<b>9.8 J</b>	<b>32</b>	<b>110</b>	<b>180</b>	<b>57</b>	<b>7.6 J</b>	<b>0.32 J</b>	<b>2.5 J</b>
	PCB-004	EPA 1668A			pg/g	<7.7	<b>15 J</b>	<b>25 J</b>	<b>20 J</b>	<b>33</b>	<b>15 J</b>	<5.2	<b>34 J</b>	<b>59 J</b>	<b>7.2 J</b>	<7.3	<4.0	<3.9
	PCB-005	EPA 1668A			pg/g	<3.8	<3.8	<9.8	<18	<b>6.5 J</b>	<3.5	<3.2	<9.0	<13	<2.5	<5.3	<2.6	<2.4
	PCB-006	EPA 1668A			pg/g	<3.8	<b>20 J</b>	<b>49</b>	<18	<b>30</b>	<b>8.1 J</b>	<b>10 J</b>	<b>43</b>	<b>65</b>	<b>6.5 J</b>	<5.3	<2.6	<b>2.5 J</b>
	PCB-007	EPA 1668A			pg/g	<3.7	<3.6	<b>9.6 J</b>	<18	<4.5	<3.3	<3.1	<8.7	<13	<2.4	<5.2	<2.5	<2.3
	PCB-008	EPA 1668A			pg/g	<3.6	<b>35</b>	<b>94</b>	<b>38 J</b>	<b>230</b>	<b>12 J</b>	<b>31</b>	<b>110 J</b>	<b>200 J</b>	<b>28</b>	<b>5.5 J</b>	<2.5	<b>5.2 J</b>
	PCB-009	EPA 1668A			pg/g	<4.1	<b>8.9 J</b>	<b>16 J</b>	<20	<5.1	<3.7	<b>3.7 J</b>	<b>11 J</b>	<b>20 J</b>	<2.7	<5.8	<2.8	<2.6
	PCB-010	EPA 1668A			pg/g	<4.8	<3.8	<6.1	<4.8	<3.5	<3.2	<2.7	<4.0	<5.9	<2.5	<4.5	<2.3	<2.4
	PCB-011	EPA 1668A			pg/g	<b>7.8 J</b>	<b>16 J</b>	<b>150</b>	<b>21 J</b>	<b>30</b>	<b>7.1 J</b>	<b>26</b>	<b>60</b>	<b>100</b>	<b>26</b>	<b>57</b>	<2.9	<b>6.8 J</b>
	PCB-014	EPA 1668A			pg/g	<3.5	<3.5	<b>21 J</b>	<17	<4.3	<3.2	<2.9	<8.3	<12	<2.3	<4.9	<2.4	<2.2
	PCB-015	EPA 1668A			pg/g	<b>26</b>	<b>58</b>	<b>470</b>	<b>150</b>	<b>680</b>	<b>21 J</b>	<b>130</b>	<b>510</b>	<b>800</b>	<b>60</b>	<b>9.9 J</b>	<2.8	<b>4.5 J</b>
	PCB-016	EPA 1668A			pg/g	<b>6.0 J</b>	<b>9.0 J</b>	<b>38 J</b>	<b>17 J</b>	<b>150</b>	<b>1.9 J</b>	<b>2.6 J</b>	<b>13 J</b>	<b>19 J</b>	<b>2.8 J</b>	<b>1.3 J</b>	<0.26	<b>0.68 J</b>
	PCB-017	EPA 1668A			pg/g	<b>4.4 J</b>	<b>7.1 J</b>	<b>47</b>	<b>11 J</b>	<b>120</b>	<b>1.9 J</b>	<b>4.1 J</b>	<b>18 J</b>	<b>31 J</b>	<b>2.1 J</b>	<b>1.3 J</b>	<b>0.36 J</b>	<b>0.44 J</b>
	PCB-019	EPA 1668A			pg/g	<b>1.9 J</b>	<b>3.9 J</b>	<b>11 J</b>	<b>15 J</b>	<b>30</b>	<b>3.0 J</b>	<b>2.0 J</b>	<b>11 J</b>	<b>15 J</b>	<b>0.56 J</b>	<0.54	<0.24	<0.22
	PCB-022	EPA 1668A			pg/g	<b>14 J</b>	<b>24</b>	<b>96</b>	<b>45 J</b>	<b>480</b>	<b>4.5 J</b>	<b>8.9 J</b>	<b>30 J</b>	<b>42 J</b>	<b>9.5 J</b>	<b>3.8 J</b>	<b>0.79 J</b>	<b>1.4 J</b>
	PCB-023	EPA 1668A			pg/g	<1.5	<1.6	<b>21 J</b>	<4.9	<13	<0.66	<2.3	<6.3	<11	<0.95	<0.54	<0.24	<0.30
	PCB-024	EPA 1668A			pg/g	<b>0.67 J</b>	<b>0.75 J</b>	<b>20 J</b>	<b>2.0 J</b>	<b>4.6 J</b>	<b>1.1 J</b>	<b>1.7 J</b>	<b>9.7 J</b>	<b>14 J</b>	<0.20	<0.38	<0.17	<0.15
	PCB-025	EPA 1668A			pg/g	<1.5	<b>2.0 J</b>	<b>91</b>	<b>7.0 J</b>	<b>62</b>	<b>0.82 J</b>	<b>8.4 J</b>	<b>21 J</b>	<b>32 J</b>	<0.98	<0.55	<0.24	<0.31
	PCB-027	EPA 1668A			pg/g	<b>2.0 J</b>	<b>2.5 J</b>	<b>21 J</b>	<b>6.9 J</b>	<b>31</b>	<b>1.1 J</b>	<b>2.9 J</b>	<b>15 J</b>	<b>22 J</b>	<b>0.44 J</b>	<0.37	<0.16	<0.15
	PCB-031	EPA 1668A			pg/g	<b>20 J</b>	<b>41</b>	<b>190</b>	<b>72 J</b>	<b>1,000</b>	<b>7.4 J</b>	<b>14 J</b>	<b>48</b>	<b>74</b>	<b>19 J</b>	<b>8.4 J</b>	<b>1.4 J</b>	<b>4.0 J</b>
	PCB-032	EPA 1668A			pg/g	<b>5.2 J</b>	<b>6.9 J</b>	<b>31 J</b>	<0.73	<b>130</b>	<b>1.6 J</b>	<b>2.5 J</b>	<b>15 J</b>	<b>23 J</b>	<b>2.5 J</b>	<b>1.5 J</b>	<b>0.32 J</b>	<b>0.33 J</b>
	PCB-034	EPA 1668A			pg/g	<1.6	<1.7	<b>44</b>	<5.4	<14	<0.73	<b>3.7 J</b>	<b>13 J</b>	<b>21 J</b>	<1.1	<0.59	<0.26	<0.33
	PCB-035	EPA 1668A			pg/g	<b>7.3 J</b>	<b>8.4 J</b>	<b>250</b>	<b>13 J</b>	<b>41</b>	<b>4.1 J</b>	<b>28</b>	<b>65</b>	<b>95</b>	<b>3.6 J</b>	<b>2.0 J</b>	<0.30	<0.38
	PCB-036	EPA 1668A			pg/g	<b>3.5 J</b>	<1.8	<b>170</b>	<b>8.4 J</b>	<15	<b>1.8 J</b>	<b>19 J</b>	<b>38 J</b>	<b>72 J</b>	<1.1	<0.63	<0.28	<0.35
PCB-037	EPA 1668A			pg/g	<b>24</b>	<b>71</b>	<b>320</b>	<b>150</b>	<b>950</b>	<b>15 J</b>	<b>44</b>	<b>150</b>	<b>210</b>	<b>35</b>	<b>8.8 J</b>	<b>1.1 J</b>	<b>5.3 J</b>	



**TABLE A-2c. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 3 TEST PITS**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RIT-1-01	RIT-1-02	RIT-1-03	RIT-1-04	RIT-1-05	RIT-2-01	RIT-2-02	RIT-2-03		RIT-2-04	RIT-2-05	RIT-3-01	RIT-3-02
			- ft bgs	- ft bgs		- ft bgs	- ft bgs	- ft bgs	- ft bgs	- ft bgs	- ft bgs	- ft bgs	- ft bgs	- ft bgs	- ft bgs	- ft bgs	- ft bgs	- ft bgs
			Level	Source		RIT-1-01-20141111	RIT-1-02-20141111	RIT-1-03-20141112	RIT-1-04-20141112	RIT-1-05-20141112	RIT-2-01-20141112	RIT-2-02-20141112	RIT-2-03-20141112	RIT-2-03-20141112-FD	RIT-2-04-20141113	RIT-2-05-20141113	RIT-3-01-20141113	RIT-3-02-20141113
PCBs	PCB-038	EPA 1668A			pg/g	<1.9	<2.0	72	<6.2	<16	<0.84	6.4 J	13 J	30 J	<1.2	<0.68	<0.30	<0.38
	PCB-039	EPA 1668A			pg/g	<1.7	<1.8	150	8.7 J	<14	2.4 J	19 J	55	86	<1.1	<0.61	<0.27	<0.34
	PCB-041	EPA 1668A			pg/g	4.9 J	5.7 J	61	18 J	75	2.1 J	5.5 J	17 J	29 J	2.2 J	0.71 J	<0.16	<0.22
	PCB-042	EPA 1668A			pg/g	16 J	19 J	96	79 J	170	5.8 J	13 J	46	69	7.6 J	0.75 J	0.36 J	1.3 J
	PCB-043	EPA 1668A			pg/g	4.3 J	2.9 J	59	19 J	28	2.4 J	5.3 J	24 J	43 J	1.1 J	<0.32	<0.15	<0.21
	PCB-045	EPA 1668A			pg/g	14 J	23	61	70 J	87	5.7 J	9.4 J	32 J	42 J	2.7 J	1.3 J	0.27 J	0.86 J
	PCB-046	EPA 1668A			pg/g	4.6 J	10 J	23 J	26 J	37	2.6 J	4.1 J	13 J	19 J	0.93 J	0.48 J	<0.15	<0.21
	PCB-048	EPA 1668A			pg/g	9.3 J	9.6 J	81	30 J	130	3.7 J	7.8 J	32 J	52 J	4.0 J	1.1 J	0.23 J	0.80 J
	PCB-051	EPA 1668A			pg/g	2.7 J	6.3 J	31 J	19 J	18 J	3.9 J	8.1 J	23 J	34 J	1.3 J	0.67 J	<0.12	<0.16
	PCB-052	EPA 1668A			pg/g	66	120	330	620	530	25	39	140	230	49	11 J	3.0 J	45
	PCB-054	EPA 1668A			pg/g	0.32 J	0.55 J	6.3 J	1.4 J	0.90 J	1.3 J	1.9 J	5.2 J	6.9 J	<0.12	<0.26	<0.094	<0.091
	PCB-055	EPA 1668A			pg/g	5.2 J	<2.5	100	<13	<8.0	4.9 J	17 J	38 J	44 J	<1.7	<0.49	<0.19	<0.31
	PCB-056	EPA 1668A			pg/g	35	57	400	150	560	27	36	130	210	79	12 J	0.74 J	5.4 J
	PCB-057	EPA 1668A			pg/g	1.7 J	<2.8	92	<14	<8.9	<2.2	12 J	27 J	40 J	<1.8	<0.54	<0.21	3.2 J
	PCB-058	EPA 1668A			pg/g	2.0 J	<2.8	61	<14	<8.8	5.0 J	20 J	49	62	<1.8	<0.54	<0.21	<0.34
	PCB-060	EPA 1668A			pg/g	17 J	35	120	80 J	380	13 J	12 J	49	68	48	9.3 J	<0.20	3.0 J
	PCB-063	EPA 1668A			pg/g	4.1 J	4.2 J	87	<13	43	4.1 J	16 J	38 J	46 J	3.5 J	1.0 J	<0.19	<0.32
	PCB-064	EPA 1668A			pg/g	29	59	140	170	410	12 J	16 J	56	78	25	6.4 J	0.91 J	6.1 J
	PCB-066	EPA 1668A			pg/g	65	120	630	290	1,300	51	65	220	360	170	30	2.1 J	13 J
	PCB-067	EPA 1668A			pg/g	2.9 J	2.9 J	91	<13	25	<2.0	12 J	29 J	33 J	<1.7	<0.50	<0.19	<0.31
	PCB-068	EPA 1668A			pg/g	4.2 J	<2.6	130	<13	<8.1	4.3 J	30	78	100	<1.7	<0.50	<0.19	<0.31
	PCB-072	EPA 1668A			pg/g	3.7 J	<2.7	160	<14	<8.5	4.9 J	37	82	100	<1.8	<0.52	<0.20	<0.33
	PCB-073	EPA 1668A			pg/g	1.3 J	0.82 J	31 J	<0.89	2.2 J	3.8 J	12 J	31 J	37 J	<0.15	<0.20	<0.098	<0.14
	PCB-077	EPA 1668A			pg/g	15	40	320	80	240	18	42	130	190	55	12	<0.30	6.2
	PCB-078	EPA 1668A			pg/g	3.3 J	<3.1	170	<16	<9.9	4.2 J	26	56	72	<2.1	<0.61	<0.23	<0.38
	PCB-079	EPA 1668A			pg/g	6.4 J	12 J	200	83	24	12 J	54	130	160	5.5 J	0.92 J	<0.22	2.9 J
	PCB-080	EPA 1668A			pg/g	2.5 J	<2.6	110	<13	<8.2	6.6 J	40	65	79	<1.7	<0.50	<0.19	<0.32
	PCB-081	EPA 1668A	61.8	RSL	pg/g	3.6	<3.2	130	15	14	6.1	24	64	84	4.3	<0.69	<0.28	0.98 J
	PCB-082	EPA 1668A			pg/g	20 J	36	340	140	63	29	67	200	270	54	7.1 J	<0.41	18 J
	PCB-083	EPA 1668A			pg/g	<11	41	<190	<140	<38	<13	<26	<73	<99	<8.1	<2.3	<0.45	5.1 J
	PCB-084	EPA 1668A			pg/g	27	190	330	420	120	22	42	110	150	33	6.1 J	0.86 J	40
	PCB-089	EPA 1668A			pg/g	<9.1	<33	<160	<120	<33	<11	67	<63	<85	<7.0	<2.0	<0.39	<2.9
PCB-092	EPA 1668A			pg/g	24	210	460	1,100	150	29	66	160	210	24	4.0 J	1.6 J	22	
PCB-094	EPA 1668A			pg/g	<8.7	<31	<150	<110	<31	<10	<21	<60	<81	<6.6	<1.9	<0.37	<2.7	
PCB-095	EPA 1668A			pg/g	140	2,000	3,000	7,800	730	96	110	350	450	72	17 J	15 J	120	
PCB-096	EPA 1668A			pg/g	2.1 J	6.9 J	35 J	18 J	3.2 J	3.2 J	10 J	25 J	31 J	0.66 J	0.27 J	<0.13	0.65 J	
PCB-099	EPA 1668A			pg/g	26	78	340	300	170	46	61	190	260	140	21	1.2 J	45	
PCB-103	EPA 1668A			pg/g	<7.7	<28	<140	<100	<28	9.5 J	32	71	89	<5.9	<1.7	<0.33	<2.4	
PCB-104	EPA 1668A			pg/g	1.3 J	0.78 J	32 J	4.2 J	0.57 J	3.7 J	11 J	26 J	32 J	0.33 J	<0.17	<0.11	<0.086	
PCB-105	EPA 1668A			pg/g	31	140	470	500	290	75	72	260	370	440	59	1.2 J	46	
PCB-106	EPA 1668A			pg/g	23	<24	810	<89	<25	45	150	450	590	<5.2	<1.5	<0.29	<2.2	
PCB-109	EPA 1668A			pg/g	15 J	28	410	170	69	28	84	230	320	39	5.4 J	<0.26	7.5 J	
PCB-111	EPA 1668A			pg/g	6.4 J	<21	200	<75	<21	11 J	79	130	160	<4.4	<1.3	<0.24	<1.8	
PCB-112	EPA 1668A			pg/g	<5.9	<21	<100	<78	<21	<7.0	<14	<41	<55	<4.5	<1.3	<0.25	<1.9	
PCB-114	EPA 1668A			pg/g	7.8	<24	230	<89	26	13	47	150	190	19	3.1	<0.30	3.0	
PCB-118	EPA 1668A	1,010	RSL	pg/g	63	530	1,200	2,600	1,200	130	88	330	480	510	79	3.5 J	92	
PCB-120	EPA 1668A			pg/g	6.5 J	<22	210	<79	<22	16 J	80	180	200	<4.6	<1.3	<0.26	<1.9	
PCB-121	EPA 1668A			pg/g	<5.8	<21	<100	<76	<21	9.6 J	41	81	100	<4.4	<1.3	<0.25	<1.8	
PCB-122	EPA 1668A			pg/g	<7.0	<25	<120	<92	<25	<8.3	19 J	<48	<65	15 J	1.7 J	<0.30	<2.2	

**TABLE A-2c. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 3 TEST PITS**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RIT-1-01	RIT-1-02	RIT-1-03	RIT-1-04	RIT-1-05	RIT-2-01	RIT-2-02	RIT-2-03		RIT-2-04	RIT-2-05	RIT-3-01	RIT-3-02
			- ft bgs	- ft bgs		- ft bgs	- ft bgs	- ft bgs	- ft bgs	- ft bgs	- ft bgs	- ft bgs	- ft bgs	- ft bgs	- ft bgs	- ft bgs	- ft bgs	
			RIT-1-01-20141111	RIT-1-02-20141111		RIT-1-03-20141112	RIT-1-04-20141112	RIT-1-05-20141112	RIT-2-01-20141112	RIT-2-02-20141112	RIT-2-03-20141112	RIT-2-03-20141112-FD	RIT-2-04-20141113	RIT-2-05-20141113	RIT-3-01-20141113	RIT-3-02-20141113		
PCBs	PCB-123	EPA 1668A			pg/g	<6.7	<23	<110	<85	<24	<7.6	25	71	93	18	2.1	<0.29	<2.1
	PCB-126	EPA 1668A	0.303	RSL	pg/g	9.1	97	290	410	89	14	40	110	150	12	3.0	<0.35	3.0
	PCB-127	EPA 1668A			pg/g	<6.7	<24	150	<88	<24	<8.0	56	120	160	<5.1	<1.5	<0.28	<2.1
	PCB-130	EPA 1668A			pg/g	39	630	1,400	2,300	250	76	290	460	600	37	5.7 J	<0.34	17 J
	PCB-131	EPA 1668A			pg/g	<8.7	70	<200	260	<35	<17	50	88	110	3.9 J	<1.4	<0.33	3.3 J
	PCB-132	EPA 1668A			pg/g	160	4,400 J	5,400 J	16,000 J	1,900	210	130	410	470	130	24	8.7 J	76
	PCB-133	EPA 1668A			pg/g	<8.1	140	290	490	47	23	120	230	300	4.8 J	<1.3	<0.31	2.8 J
	PCB-136	EPA 1668A			pg/g	63	1,500	1,900	5,800	440	61	61	170	200	25	6.2 J	7.2 J	22
	PCB-137	EPA 1668A			pg/g	15 J	81	280	190	45	23	120	260	350	30	3.1 J	<0.28	11 J
	PCB-141	EPA 1668A			pg/g	140	3,200 J	5,000 J	16,000 J	1,700	260	190	1,000	640	110	20	5.7 J	43
	PCB-142	EPA 1668A			pg/g	<7.9	<46	<180	<160	<32	16 J	110	200	240	<2.6	<1.2	<0.30	<1.1
	PCB-144	EPA 1668A			pg/g	35	840	1,200	3,100	330	55	120	250	300	17 J	3.6 J	2.2 J	8.9 J
	PCB-145	EPA 1668A			pg/g	<5.5	<31	<130	<110	<22	<10	29	58	69	<1.8	<0.86	<0.21	<0.78
	PCB-146	EPA 1668A			pg/g	96	2,100 J	3,200	7,900	960	150	360	830	1,000	58	11 J	2.6 J	31
	PCB-148	EPA 1668A			pg/g	<7.3	<42	220	<150	<30	21 J	110	200	260	<2.4	<1.2	<0.28	<1.0
	PCB-150	EPA 1668A			pg/g	<5.0	<29	120	<100	<20	12 J	55	100	130	<1.7	<0.79	<0.19	<0.72
	PCB-152	EPA 1668A			pg/g	<5.3	<31	<120	<110	<22	<10	21	42	54 J	<1.8	<0.84	<0.20	<0.76
	PCB-154	EPA 1668A			pg/g	13 J	99	380	290	32	31	150	270	370	4.1 J	<1.0	<0.25	<0.92
	PCB-155	EPA 1668A			pg/g	<5.8	<30	<130	<96	<25	15 J	54	120	150	<1.7	<0.80	<0.20	<0.73
	PCB-158	EPA 1668A			pg/g	60	1,500	2,200	5,900	980	110	150	380	470	78	14 J	1.4 J	30
	PCB-159	EPA 1668A			pg/g	12 J	<13	250	160	11 J	19 J	130	270	350	2.2 J	<0.61	<0.15	<0.55
	PCB-160	EPA 1668A			pg/g	12 J	<36	200	<130	<26	17 J	65	130	200	<2.1	<1.0	<0.24	<0.90
	PCB-161	EPA 1668A			pg/g	<5.7	<33	140	<120	<23	14 J	97	200	250	<1.9	<0.89	<0.22	<0.81
	PCB-162	EPA 1668A			pg/g	17 J	28	170	81 J	18 J	8.1 J	120	260	360	7.5 J	<0.55	<0.14	0.68 J
	PCB-164	EPA 1668A			pg/g	53	1,300	2,100	4,800	540	94	210	490	610	41	7.1 J	1.1 J	18 J
	PCB-165	EPA 1668A			pg/g	<6.6	<38	<150	<140	<27	<12	58	110	150	<2.2	<1.0	<0.25	<0.94
	PCB-167	EPA 1668A			pg/g	33	410	1,000	2,100	390	60	160	420	620	41	6.1	0.24 J	11
	PCB-169	EPA 1668A	1.65	RSL	pg/g	4.0	41	100	<63	23	5.7	25	<43	<65	1.9 J	<0.72	<0.18	<0.61
	PCB-170	EPA 1668A			pg/g	370	11,000 J	15,000 J	37,000 J	5,300 J	530	260	1,000	1,100	210	51	3.5 J	83
	PCB-172	EPA 1668A			pg/g	100	1,700	3,500	5,700	690	120	350	980	1,300	36	7.4 J	0.70 J	16 J
	PCB-174	EPA 1668A			pg/g	340	10,000 J	14,000 J	36,000 J	4,200 J	500	390	1,200	1,300	160	44	8.7 J	76
	PCB-175	EPA 1668A			pg/g	37	390	1,200	1,400	180	69	350	700	930	13 J	2.8 J	0.25 J	3.9 J
	PCB-176	EPA 1668A			pg/g	43	880	1,500	3,300	360	70	210	450	560	16 J	3.6 J	1.6 J	6.9 J
PCB-177	EPA 1668A			pg/g	190	5,700 J	7,500 J	20,000 J	2,700 J	280	230	710	810	95	20	3.4 J	47	
PCB-178	EPA 1668A			pg/g	62	1,500	2,200	5,000	520	92	240	530	680	26	5.6 J	1.2 J	14 J	
PCB-179	EPA 1668A			pg/g	100	2,800 J	3,700	10,000 J	950	140	200	480	590	40	9.1 J	5.9 J	24	
PCB-181	EPA 1668A			pg/g	13 J	<5.6	330	150	<7.0	25	140	300	390	3.7 J	<0.54	<0.19	<0.33	
PCB-182	EPA 1668A			pg/g	19 J	56	540	130	27	31	220	460	610	5.6 J	0.84 J	<0.21	1.2 J	
PCB-183	EPA 1668A			pg/g	200	5,000 J	7,200 J	17,000 J	2,700 J	290	430	1,000	1,300	90	24	4.6 J	39	
PCB-184	EPA 1668A			pg/g	29	29	840	190	37	71	390	770	1,000	7.7 J	1.5 J	<0.18	1.2 J	
PCB-185	EPA 1668A			pg/g	39	930	1,500	3,600	290	64	140	390	490	15 J	4.4 J	0.97 J	11 J	
PCB-186	EPA 1668A			pg/g	4.3 J	<2.7	130	22 J	<2.3	11 J	60	120	150	1.0 J	<0.27	<0.17	<0.19	
PCB-187	EPA 1668A			pg/g	330	9,700 J	13,000 J	33,000 J	4,400 J	460	420	1,200	1,400	150	40	8.3 J	84	
PCB-188	EPA 1668A			pg/g	17 J	24	470	120	23	37	190	410	510	4.3 J	0.89 J	<0.18	0.92 J	
PCB-189	EPA 1668A			pg/g	37	400	1,200	1,500	210	55	240	570	910	16	2.5	<0.30	3.5	
PCB-190	EPA 1668A			pg/g	88	2,000	3,400	6,900	1,300	120	190	450	600	43	12 J	0.65 J	17 J	
PCB-191	EPA 1668A			pg/g	31	490	1,100	1,700	260	41	160	390	530	12 J	2.2 J	<0.15	4.6 J	
PCB-192	EPA 1668A			pg/g	11 J	<4.8	280	38 J	<6.0	11 J	120	270	370	<0.60	<0.47	<0.16	<0.29	
PCB-194	EPA 1668A			pg/g	190	4,700 J	7,500 J	13,000 J	1,900	250	410	1,200	1,700	80	18 J	0.94 J	46	

TABLE A-2c. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 3 TEST PITS

RI Data Evaluation

Nevada Environmental Response Trust Site; Henderson, Nevada

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RIT-1-01	RIT-1-02	RIT-1-03	RIT-1-04	RIT-1-05	RIT-2-01	RIT-2-02	RIT-2-03		RIT-2-04	RIT-2-05	RIT-3-01	RIT-3-02
			- ft bgs	- ft bgs		- ft bgs	- ft bgs	- ft bgs	- ft bgs	- ft bgs	- ft bgs	- ft bgs	- ft bgs	- ft bgs	- ft bgs	- ft bgs	- ft bgs	- ft bgs
			RIT-1-01-20141111	RIT-1-02-20141111		RIT-1-03-20141112	RIT-1-04-20141112	RIT-1-05-20141112	RIT-2-01-20141112	RIT-2-02-20141112	RIT-2-03-20141112	RIT-2-03-20141112-FD	RIT-2-04-20141113	RIT-2-05-20141113	RIT-3-01-20141113	RIT-3-02-20141113		
PCBs	PCB-195	EPA 1668A			pg/g	71	1,700	2,800	5,300	790	100	220	590	830	31	9.0 J	<0.25	14 J
	PCB-196	EPA 1668A			pg/g	160	2,400 J	5,500 J	8,000	1,100	240	970	2,300	3,300	66	13 J	0.77 J	27
	PCB-197	EPA 1668A			pg/g	66	170	2,000	730	150	120	820	1,600	2,200	21	3.6 J	<0.11	4.4 J
	PCB-200	EPA 1668A			pg/g	39	570	1,300	2,000	190	73	360	700	1,100	16 J	3.3 J	<0.15	6.9 J
	PCB-201	EPA 1668A			pg/g	79	500	2,400	1,900	260	160	930	1,900	2,600	28	6.4 J	0.50 J	9.5 J
	PCB-202	EPA 1668A			pg/g	40	550	1,200	1,700	200	61	280	600	830	15 J	3.7 J	0.46 J	12 J
	PCB-203	EPA 1668A			pg/g	120	2,800 J	4,600 J	8,800 J	1,200	180	510	1,200	1,800	55	14 J	0.85 J	39
	PCB-204	EPA 1668A			pg/g	49	40	1,400	290	59	99	670	1,300	1,900	14 J	2.3 J	<0.13	1.9 J
	PCB-205	EPA 1668A			pg/g	53	310	1,800	1,000	170	77	430	1,200	1,900	15 J	2.6 J	<0.25	3.7 J
	PCB-206	EPA 1668A			pg/g	330	1,200	8,700 J	4,000	670	460	3,200 J	7,200 J	11,000 J	110	20	1.8 J	73
	PCB-207	EPA 1668A			pg/g	420	580	12,000 J	3,000	720	730	5,200 J	11,000 J	16,000 J	140	27	1.8 J	26
	PCB-208	EPA 1668A			pg/g	260	430	6,900 J	1,800	470	420	2,800 J	6,200 J	9,400 J	88	17 J	0.91 J	32
	PCB-209	EPA 1668A			pg/g	3,600 J	6,700 J	87,000 J	21,000 J	5,500 J	5,900 J	41,000 J	84,000 J	130,000 J	1,200	230	20 J	240
	PCBs 107+124	EPA 1668A			pg/g	8.5 J	<23	200	110 J	33 J	16 J	65	170	210	21 J	2.6 J	<0.27	3.5 J
	PCBs 110+115	EPA 1668A			pg/g	190	2,200	3,900	7,600	1,700	240	310	980	1,200	390	63	8.5 J	190
	PCBs 12+13	EPA 1668A			pg/g	9.0 J	43	280	42 J	42	10 J	42	130	210	9.1 J	<5.7	<2.8	5.2 J
	PCBs 128+166	EPA 1668A			pg/g	58	1,300	1,900	4,900	690	89	120	320	410	120	18 J	1.3 J	44
	PCBs 129+138+163	EPA 1668A			pg/g	580	15,000 J	21,000 J	65,000 J	10,000 J	990	530	1,800	2,000	660	120	18 J	270
	PCBs 134+143	EPA 1668A			pg/g	24 J	480	790	1,900	240	38 J	80	170	210	17 J	3.0 J	1.2 J	13 J
	PCBs 135+151	EPA 1668A			pg/g	210	5,400 J	6,800	18,000 J	1,700	250	270	720	860	89	20 J	14 J	61
	PCBs 139+140	EPA 1668A			pg/g	9.2 J	67	260	200	<29	20 J	140	250	310	6.9 J	<1.1	<0.28	4.1 J
	PCBs 147+149	EPA 1668A			pg/g	490	13,000 J	16,000 J	44,000 J	5,700 J	600	420	1,300	1,500	250	54	31 J	160
	PCBs 153+168	EPA 1668A			pg/g	470	11,000 J	15,000 J	57,000 J	10,000 J	880	380	1,400	1,600	410	89	21 J	160
	PCBs 156+157	EPA 1668A			pg/g	51	770	1,700	4,600	800	100	190	500	660	130	19	0.84 J	33
	PCBs 171+173	EPA 1668A			pg/g	150	3,200	5,600	11,000	1,600	250	640	1,600	2,100	65	8.9 J	1.7 J	27 J
	PCBs 18+30	EPA 1668A			pg/g	13 J	16 J	70 J	40 J	260	3.6 J	6.4 J	31 J	53 J	7.0 J	2.8 J	0.85 J	1.8 J
	PCBs 180+193	EPA 1668A			pg/g	850	23,000 J	34,000 J	79,000 J	12,000 J	1,200	920	3,000	3,500	410	99	9.1 J	170
	PCBs 198+199	EPA 1668A			pg/g	220	4,200 J	7,800	13,000	1,600	330	1,200	2,700	4,000	90	20 J	1.7 J	62
	PCBs 20+28	EPA 1668A			pg/g	45	63	320	140 J	1,600	11 J	24 J	70 J	100 J	28 J	13 J	2.3 J	2.4 J
	PCBs 21+33	EPA 1668A			pg/g	10 J	21 J	240	36 J	520	4.3 J	18 J	50 J	79 J	16 J	4.2 J	0.58 J	1.4 J
	PCBs 26+29	EPA 1668A			pg/g	3.6 J	7.5 J	140	19 J	130	1.6 J	12 J	30 J	48 J	2.3 J	0.72 J	<0.26	0.44 J
	PCBs 40+71	EPA 1668A			pg/g	39 J	46	470	170	370	24 J	53	220	330	16 J	3.9 J	0.87 J	3.8 J
	PCBs 44+47+65	EPA 1668A			pg/g	58 J	74	350	280	570	28 J	42 J	160	250	30 J	8.9 J	2.3 J	16 J
	PCBs 49+69	EPA 1668A			pg/g	26 J	31 J	210	86 J	290	13 J	26 J	100	160	18 J	4.7 J	0.90 J	7.1 J
	PCBs 50+53	EPA 1668A			pg/g	11 J	21 J	69 J	64 J	55	8.2 J	15 J	46 J	67 J	3.1 J	1.0 J	0.31 J	1.3 J
PCBs 59+62+75	EPA 1668A			pg/g	12 J	10 J	280	30 J	55 J	16 J	31 J	120	170 J	3.4 J	0.96 J	<0.096	0.64 J	
PCBs 61+70+74+76	EPA 1668A			pg/g	84 J	160	1,100	380	1,600	74 J	100	320	490	240	41 J	2.7 J	29 J	
PCBs 85+116+117	EPA 1668A			pg/g	34 J	37 J	710	150 J	91	74	120	360	470	89	14 J	<0.29	20 J	
PCBs 86+87+97+108+119+125	EPA 1668A			pg/g	84 J	340	1,400	1,600	510	130	220	700	890	200	47 J	3.5 J	82 J	
PCBs 88+91	EPA 1668A			pg/g	15 J	87	260	130 J	39 J	23 J	78	180	220	15 J	2.9 J	<0.35	17 J	
PCBs 90+101+113	EPA 1668A			pg/g	130	1,400 J	2,500	8,300	1,800	180	190	550	700	200	35 J	15 J	110	
PCBs 93+100	EPA 1668A			pg/g	<8.2	<29	<140	<110	<30	19 J	62	140	170	<6.3	<1.8	<0.35	<2.6	
PCBs 98+102	EPA 1668A			pg/g	<7.5	<27	<130	<98	<27	12 J	46	97	140	<5.7	<1.7	<0.32	<2.4	
Dioxins/Furans	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	EPA 8290			pg/g	32	38	900	190	23	36	330	720	1,200	9.4	1.4 J	<0.14	4.1 J
	1,2,3,4,6,7,8-Heptachlorodibenzofuran	EPA 8290			pg/g	390	390	11,000 J	2,200 J	280	470	3,800 J	8,600 J	15,000 J	110	15	0.33 J	13
	1,2,3,4,7,8,9-Heptachlorodibenzofuran	EPA 8290			pg/g	170	140	4,400 J	1,000	100	180	1,600	3,500 J	6,300 J	42	4.3 J	<0.079	3.7 J

**TABLE A-2c. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 3 TEST PITS**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RIT-1-01	RIT-1-02	RIT-1-03	RIT-1-04	RIT-1-05	RIT-2-01	RIT-2-02	RIT-2-03		RIT-2-04	RIT-2-05	RIT-3-01	RIT-3-02
			- ft bgs	- ft bgs		- ft bgs	- ft bgs	- ft bgs	- ft bgs	- ft bgs	- ft bgs	- ft bgs	- ft bgs	- ft bgs	- ft bgs	- ft bgs	- ft bgs	
			Level	Source		RIT-1-01-20141111	RIT-1-02-20141111	RIT-1-03-20141112	RIT-1-04-20141112	RIT-1-05-20141112	RIT-2-01-20141112	RIT-2-02-20141112	RIT-2-03-20141112	RIT-2-03-20141112-FD	RIT-2-04-20141113	RIT-2-05-20141113	RIT-3-01-20141113	RIT-3-02-20141113
Dioxins/Furans	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	EPA 8290			pg/g	3.6 J	3.6 J	130	19	3.6 J	5.8	40	98	160	1.2 J	<0.092	<0.081	<0.084
	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	EPA 8290			pg/g	8.5	8.5	250	53	6.5	11	91	200	290	3.5 J	0.43 J	<0.073	0.69 J
	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	EPA 8290			pg/g	6.9	7.8	220	55	5.8	10	75	170	250	5.0 J	0.31 J	0.13 J	0.46 J
	1,2,3,4,7,8-Hexachlorodibenzofuran	EPA 8290			pg/g	180	170	4,700 J	1,200	140	230	1,800	3,900 J	6,500	49	6.3	0.15 J	6.6
	1,2,3,6,7,8-Hexachlorodibenzofuran	EPA 8290			pg/g	94	87	2,500	530	88	120	980	1,900 J	3,300 J	25	3.5 J	<0.069	3.6 J
	1,2,3,7,8,9-Hexachlorodibenzofuran	EPA 8290			pg/g	13 J	11 J	480 J	46 J	13 J	24 J	170 J	390 J	630 J	4.2 J	0.42 J	0.082 UJ	0.34 UJ
	2,3,4,6,7,8-Hexachlorodibenzofuran	EPA 8290			pg/g	21	20	480	140	19	26	210	480	770	5.3	0.50 J	<0.079	1.3 J
	HpCDD (total)	EPA 8290			pg/g	47	64	1,400	320	35	56	500	1,100	1,800	14	2.4 J	<0.14	8.3
	HpCDF (total)	EPA 8290			pg/g	800	790	21,000 J	4,700 J	540	930	7,700 J	17,000 J	30,000 J	220	28	0.33 J	25
	HxCDD (total)	EPA 8290			pg/g	59	57	1,800	430	45	83	620	1,400	2,100	19	2.3 J	0.13 J	4.6 J
	HxCDF (total)	EPA 8290			pg/g	680 J	660 J	19,000 J	5,100 J	640 J	930 J	7,100 J	15,000 J	25,000 J	190 J	25 J	0.15 J	30 J
	1,2,3,4,5,6,7,8-Octachlorodibenzo-p-dioxin	EPA 8290			pg/g	35	96	930	230	32	44	480	850 J	1,500 J	15	2.2 J	0.92 J	24
	1,2,3,4,5,6,7,8-Octachlorodibenzofuran	EPA 8290			pg/g	1,000	1,100	28,000 J	5,800 J	620	1,100	9,300 J	22,000 J	43,000 J	270	29	0.73 J	26
	PeCDD (total)	EPA 8290			pg/g	61	49	1,800	270 J	53	84	620	1,300	1,900	16	1.6 J	<0.18	2.4 J
	PeCDF (total)	EPA 8290			pg/g	630	590	18,000	3,400	770	940	6,500	14,000 J	22,000	210	26	0.18 J	31
	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	EPA 8290			pg/g	5.1 J	4.2 J	160	30 J	4.8 J	6.2	48	110	160	1.2 J	<0.17	<0.18	<0.19
	1,2,3,7,8-Pentachlorodibenzofuran	EPA 8290			pg/g	69	65	2,000	420	81	110	720	1,500	2,300	28	3.8 J	<0.13	2.8 J
	2,3,4,7,8-Pentachlorodibenzofuran	EPA 8290			pg/g	36	37	1,000	300	45	55	380	800	1,200	13	1.8 J	<0.14	1.6 J
	TCDD (total)	EPA 8290			pg/g	46	29	1,500	180 J	73	89	520	1,100	1,400	13	0.91 J	<0.088	1.3
	TCDF (total)	EPA 8290			pg/g	410	310	13,000 J	2,300	900	850	4,500 J	9,700 J	14,000	220	37	<0.087	21
2,3,7,8-Tetrachlorodibenzo-p-dioxin	EPA 8290	15	RSL	pg/g	1.6	1.5	43	12 J	2.2	2.3	15	30	40	0.45 J	<0.13	<0.088	<0.13	
2,3,7,8-Tetrachlorodibenzofuran	EPA 8290			pg/g	34	44	1,000	250	77	65	360	780	1,100	45	6.2	<0.087	2.2	
Total PCB TEQs (calculated by TAS)	EPA 8280A			pg/g	1.0	11	32	42	9.7	1.6	4.8	12	16	1.3	0.32	0.021	0.32	
Total TEQ (Calculated)	EPA 8280A			pg/g	62	60	1,700	410	63	85	630	1,400	2,200	22	2.8	0.21	2.5	
Radionuclides	Radium-226	EPA 903.0	0.006	BCL	pCi/g	1.08 J	1.06	1.11	1.09	0.900	0.972	1.06 J	1.12 J	0.994	0.806 J	0.999 J	1.18 J	1.09 J
	Radium-228	EPA 904.0	0.006	BCL	pCi/g	1.71 J	1.36	1.21	1.23	0.842 J	1.30	1.26 J	0.864 J	1.20	0.646	0.782	0.625	0.948
	Thorium-228	DOE A-01-R	0.0027	BCL	pCi/g	1.53	1.19	1.52	1.50	1.24	1.69	1.65	1.59	1.55	1.00	0.871 J	1.32 J	1.56 J
	Thorium-230	DOE A-01-R	0.001	BCL	pCi/g	1.03	0.945 J	1.06	1.24	0.997 J	1.20	1.02	0.998 J	0.864 J	0.968 J	0.884 J	1.13	0.985 J
	Thorium-232	DOE A-01-R	0.0035	BCL	pCi/g	1.56	1.21	1.48	1.51	1.21	1.64	1.75	1.50	1.44	1.03	0.874	1.38	1.51
	Uranium-233/234	DOE A-01-R			pCi/g	1.23	0.918	0.973	0.962	0.883	0.978	0.829	0.932	0.908	1.05	1.06	1.04	0.753
	Uranium-235/236	DOE A-01-R			pCi/g	<0.112 nd	<0.0948 nd	<0.0414	0.229	0.0449	<0.0406	<0.0470	0.0345 UJ	0.0789 J	<0.104	<0.110	<0.0705	<0.0743
	Uranium-238	DOE A-01-R			pCi/g	1.13	1.03	0.963	0.813	0.753	0.922	0.964	0.898	0.845	1.06	0.755	0.977	0.810
Uranium-238	EPA 6020	13.5	BCL	mg/kg	0.84	1.4	1.6	1.7	2.7	1.5	1.2	1.4	1.5	0.76	1.4	1.3	0.75	
Total Petroleum Hydrocarbons	Diesel Range Organics (C10-C28)	EPA 8015			mg/kg	4.0 J	39	45	36 J	6.2 J	2.7 J	23	14	18	2.6 J	<2.5	<2.7	<2.6
	EFH (C10-C40)	EPA 8015			mg/kg	11	130	160	390	15	48	110	44 J	76 J	4.6 J	3.3 J	<2.7	15
	Gasoline Range Organics (C6-C10)	EPA 8015			µg/kg	<150	<150	<160	<150	<150	<160	<150	<150	<160	<150	<27,000	<150	<150

**TABLE A-2c. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 3 TEST PITS**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RIT-1-01	RIT-1-02	RIT-1-03	RIT-1-04	RIT-1-05	RIT-2-01	RIT-2-02	RIT-2-03		RIT-2-04	RIT-2-05	RIT-3-01	RIT-3-02	
			- ft bgs			- ft bgs	- ft bgs	- ft bgs	- ft bgs	- ft bgs	- ft bgs	- ft bgs	- ft bgs	- ft bgs	- ft bgs	- ft bgs	- ft bgs	- ft bgs	- ft bgs
			Level	Source		RIT-1-01-20141111	RIT-1-02-20141111	RIT-1-03-20141112	RIT-1-04-20141112	RIT-1-05-20141112	RIT-2-01-20141112	RIT-2-02-20141112	RIT-2-03-20141112	RIT-2-03-20141112-FD	RIT-2-04-20141113	RIT-2-05-20141113	RIT-3-01-20141113	RIT-3-02-20141113	
<b>Total Petroleum</b>	Petroleum Hydrocarbons (C29-C40)	EPA 8015			mg/kg	<2.7	<b>91</b>	<b>120</b>	<b>260</b>	<5.1	<b>32</b>	<b>85</b>	<b>20 J</b>	<b>57 J</b>	<2.6	<2.5	<2.7	<2.6	
<b>General Chemistry</b>	Alkalinity (as CaCO3)	SM 2320			mg/kg	<b>13,000</b>	<b>7,800</b>	<b>42,000</b>	<b>28,000</b>	<b>110,000</b>	<b>38,000</b>	<b>10,000</b>	<b>37,000</b>	<b>38,000</b>	<520	<b>10,000</b>	<b>37,000</b>	<b>30,000</b>	
	Ammonia (as NH3)	SM 4500			mg/kg	<b>2.8 J</b>	<b>2.8 J</b>	<b>2.6 J</b>	<b>2.7 J</b>	<b>3.6 J</b>	<2.6	<2.5	<2.5	<2.5	<b>39</b>	<b>6.5 J</b>	<b>2.6 J</b>	<b>2.9 J</b>	
	Bicarbonate as HCO3	SM 2320			mg/kg	<b>16,000</b>	<b>9,200</b>	<b>50,000</b>	<b>34,000</b>	<b>130,000</b>	<b>46,000</b>	<b>11,000</b>	<b>44,000</b>	<b>45,000</b>	<630	<b>9,900</b>	<b>44,000</b>	<b>34,000</b>	
	Bromide	EPA 300			mg/kg	<3.8	<3.7	<3.7	<3.7	<3.5	<3.9	<3.7	3.6 UJ	<b>4.7 J</b>	<3.7	<3.6	<3.8	<3.7	
	Carbonate (CO3)	SM 2320			mg/kg	<82	<b>160</b>	<b>940</b>	<b>620</b>	<b>300</b>	<b>330</b>	<b>630</b>	<b>610</b>	<b>610</b>	<310	<b>1,200</b>	<b>960</b>	<b>920</b>	
	Chloride	EPA 300			mg/kg	<b>9.2</b>	<b>40</b>	<b>20</b>	<b>32</b>	<b>9.5</b>	<b>240</b>	<b>19</b>	<b>200</b>	<b>190</b>	<b>24 J</b>	<b>150 J</b>	<b>300</b>	<b>17 J</b>	
	Hydroxide	SM 2320			mg/kg	<46	<44	<180	<180	<170	<190	<180	<170	<170	<180	<170	<180	<170	
	Nitrate (as NO3)	EPA 300			mg/kg	<b>6.3</b>	<b>24</b>	<b>9.7</b>	<b>15</b>	<b>14</b>	<b>39</b>	<b>12</b>	<b>45</b>	<b>39</b>	<b>11</b>	<b>11</b>	<b>23</b>	<b>22</b>	
	Nitrate/Nitrite	EPA 300			mg/kg	<b>1.4 J</b>	<b>5.4</b>	<b>2.2</b>	<b>3.5</b>	<b>3.1</b>	<b>8.9</b>	<b>2.6</b>	<b>10</b>	<b>8.7</b>	<b>2.5</b>	<b>9.0 J</b>	<b>5.1</b>	<b>4.9</b>	
	Nitrite	EPA 300			mg/kg	<1.2	<1.2	<1.2	<1.2	<1.1	<1.2	<1.2	<1.1	<1.1	<1.1	<1.1	<1.2	<1.1	
	ortho-Phosphate (total) (as PO4)	EPA 300			mg/kg	<4.3 R	<4.2 R	<4.2 R	4.2 UJ	4.0 UJ	4.4 UJ	4.3 UJ	4.1 UJ	4.1 UJ	<4.2 R	<4.1 R	4.4 UJ	<4.2 R	
	Phosphorus (total)	EPA 6010	0.00148	RSL	mg/kg	<b>840</b>	<b>1,100</b>	<b>900</b>	<b>920</b>	<b>820</b>	<b>1,000</b>	<b>1,300</b>	<b>900</b>	<b>910</b>	<b>680</b>	<b>800</b>	<b>980</b>	<b>1,200</b>	
	Silicon	EPA 6010			mg/kg	<b>95 J</b>	<b>140 J</b>	<b>140 J</b>	<b>210 J</b>	<b>260 J</b>	<b>150 J</b>	<b>180 J</b>	<b>150 J</b>	<b>170 J</b>	<b>54 J</b>	<b>42 J</b>	<b>69 J</b>	<b>83 J</b>	
Sulfate	EPA 300			mg/kg	<b>67</b>	<b>300</b>	<b>54</b>	<b>2,900</b>	<b>66</b>	<b>670</b>	<b>290</b>	<b>530 J</b>	<b>570 J</b>	<b>7,900</b>	<b>850</b>	<b>370</b>	<b>210</b>		
Sulfur	EPA 6020			mg/kg	<b>970 J</b>	<b>1,600 J</b>	<400	<b>1,300 J</b>	<b>2,400 J</b>	<b>2,400 J</b>	<b>570 J</b>	<b>1,300 J</b>	<b>1,600 J</b>	--	--	--	--		

**Notes:**

ft bgs: feet below ground surface

FD: Field Duplicate

Above Screening Level

bold value: detection

Soil screening levels were selected according to the following hierarchy of criteria:

1. Basic Comparison Level (BCL): Leaching-based basic comparison levels (LBCL) with dilution attenuation factor (DAF) of 1 in the most recent version of Nevada Division of Environmental Protection (NDEP) documents (February 2015).
2. Regional Screening Level (RSL): United States Environmental Protection Agency (USEPA) Regional Screening Levels (RSL) for groundwater protection (June 2015), with the maximum contaminant level (MCL) based screening levels selected over the risk-based screening levels, if available (USEPA 2015)
3. Calculated Criteria (CAL): Generic leaching-based BCLs (LBCLs) calculated using the approach presented in NDEP guidance (NDEP 2015).

**Sources:**

NDEP, 2015. User's Guide and Background Technical Document for NDEP Basic

Comparison Levels (BCLs) for Human Health for the BMI Complex and

Common Areas. Revision 13, February.

USEPA, 2015. Regional Screening Levels (RSL) for Chemical Contaminants at Superfund

Sites. June.

**TABLE A-2c. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 3 TEST PITS**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RIT-3-03		RIT-3-04	RIT-3-05
			Level	Source		- ft bgs	- ft bgs	- ft bgs	- ft bgs
						RIT-3-03-20141113	RIT-3-03-20141113-FD	RIT-3-04-20141113	RIT-3-05-20141113
<b>Asbestos</b>	Long Amphibole Protocol Structures	EPA 540			s/gPM10	--	--	<8,920,000	<8,870,000
	Long Amphibole Protocol Structures Count	EPA 540			s/samp	--	--	<0	<0
	Long Asbestos Protocol Structures	EPA 540			s/gPM10	--	--	<8,920,000	<8,870,000
	Long Asbestos Protocol Structures Count	EPA 540			s/samp	--	--	<0	<0
	Long Chrysotile Protocol Structures	EPA 540			s/gPM10	--	--	<8,920,000	<8,870,000
	Long Chrysotile Protocol Structures Count	EPA 540			s/samp	--	--	<0	<0
	Short Amphibole Structures	EPA 540			s/gPM10	--	--	<8,920,000	<8,870,000
	Short Amphibole Structures Counts	EPA 540			s/samp	--	--	<0	<0
	Short Asbestos Structures	EPA 540			s/gPM10	--	--	<8,920,000	<8,870,000
	Short Asbestos Structures Counts	EPA 540			s/samp	--	--	<0	1
	Short Chrysotile Structures	EPA 540			s/gPM10	--	--	<8,920,000	<8,870,000
	Short Chrysotile Structures Counts	EPA 540			s/samp	--	--	<0	1
	Total Amphibole Protocol Structures	EPA 540			s/gPM10	--	--	<8,920,000	<8,870,000
	Total Amphibole Protocol Structures Count	EPA 540			s/samp	--	--	<0	<0
	Total Asbestos Protocol Structures	EPA 540			s/gPM10	--	--	<8,920,000	<8,870,000
	Total Asbestos Protocol Structures Count	EPA 540			s/samp	--	--	<0	1
Total Chrysotile Protocol Structures	EPA 540			s/gPM10	--	--	<8,920,000	<8,870,000	
Total Chrysotile Protocol Structures Count	EPA 540			s/samp	--	--	<0	1	
<b>Chlorates</b>	Chlorate	EPA 300.1	1.03	BCL	mg/kg	<b>0.074 J</b>	<b>0.076 J</b>	<0.052	<b>0.56</b>
	Perchlorate	EPA 314.0	0.0185	BCL	mg/kg	0.10 UJ	<b>1.8 J</b>	<b>1.0</b>	<b>7.3</b>
<b>Common Metals</b>	Aluminum	EPA 6010	75	BCL	mg/kg	<260	<520	<b>13,000</b>	<b>7,200</b>
	Antimony	EPA 6020	0.3	BCL	mg/kg	<b>0.73 J</b>	<b>1.1 J</b>	0.52 UJ	<b>1.8 J</b>
	Arsenic	EPA 6020	1	BCL	mg/kg	<0.26	<0.26	<b>2.9</b>	<b>6.6</b>
	Barium	EPA 6010	82	BCL	mg/kg	<39	<39	<b>250</b>	<b>250</b>
	Boron	EPA 6010	21.4	BCL	mg/kg	<130	<130	<b>4.1 J</b>	<b>21 J</b>
	Cadmium	EPA 6010	0.4	BCL	mg/kg	<13	<13	<0.26	<1.3
	Chromium (total)	EPA 6010	180,000	RSL	mg/kg	<26	<26	<b>14</b>	<b>71</b>
	Cobalt	EPA 6010	0.453	BCL	mg/kg	<26	<26	<b>9.4</b>	<b>20</b>
	Copper	EPA 6010	45.8	BCL	mg/kg	52 UJ	<b>85 J</b>	<b>25</b>	<b>110</b>
	Iron	EPA 6010	7.56	BCL	mg/kg	<b>290 J</b>	<b>470 J</b>	<b>20,000</b>	<b>140,000</b>
	Lead	EPA 6010	13.5	RSL	mg/kg	<52	<52	<b>20</b>	<b>21</b>
	Magnesium	EPA 6010	889	BCL	mg/kg	260 UJ	<b>450 J</b>	<b>11,000</b>	<b>6,600</b>
	Manganese	EPA 6010	1.3	BCL	mg/kg	<b>220,000</b>	<b>250,000</b>	<b>810</b>	<b>3,100</b>
	Mercury	EPA 7471	0.104	BCL	mg/kg	<b>0.10</b>	<b>0.089</b>	<b>0.081</b>	<b>0.23</b>
Molybdenum	EPA 6010	3.37	BCL	mg/kg	<52	<52	<1.0	<b>10</b>	



**TABLE A-2c. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 3 TEST PITS**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RIT-3-03		RIT-3-04	RIT-3-05
			Level	Source		- ft bgs	- ft bgs	- ft bgs	- ft bgs
						RIT-3-03-20141113	RIT-3-03-20141113-FD	RIT-3-04-20141113	RIT-3-05-20141113
Common Metals	Nickel	EPA 6010	7	BCL	mg/kg	<52	<52	<b>18</b>	<b>79</b>
	Selenium	EPA 6020	0.3	BCL	mg/kg	<b>0.54 J</b>	0.53 UJ	<0.52	<0.50
	Silver	EPA 6010	0.85	BCL	mg/kg	<39	<39	<0.77	<3.8
	Thallium	EPA 6020	0.4	BCL	mg/kg	<0.26	<0.26	<0.26	<0.25
	Zinc	EPA 6010	620	BCL	mg/kg	<130	<130	<b>58</b>	<b>890</b>
Hexavalent Chromium	Chromium VI	EPA 7199	2	BCL	mg/kg	<0.42	<0.42	<b>0.73 J</b>	<0.41
Rare Metals	Niobium	EPA 6020	1.17	BCL	mg/kg	--	--	--	--
	Palladium	EPA 6020			mg/kg	--	--	--	--
	Strontium	EPA 6010	422	RSL	mg/kg	<130	<130	<b>270</b>	<b>98</b>
	Tungsten	EPA 6010	37.6	BCL	mg/kg	260 UJ	260 UJ	5.2 UJ	25 UJ
	Zirconium	EPA 6010	4.79	RSL	mg/kg	<130	<130	<b>23</b>	<b>43</b>
VOCs	Acetone	EPA 8260	0.8	BCL	mg/kg	0.0084 UJ	<b>0.030 J</b>	<0.0081	<0.0078
	t-Amyl methyl ether	EPA 8260			mg/kg	<0.0011	<0.0010	<0.0010	<0.00098
	Benzene	EPA 8260	0.002	BCL	mg/kg	<0.00053	<0.00051	0.00051 UJ	0.00049 UJ
	Bromobenzene	EPA 8260	0.0421	RSL	mg/kg	0.0011 UJ	<0.0010	0.0010 UJ	0.00098 UJ
	Bromochloromethane	EPA 8260			mg/kg	<0.0011	<0.0010	0.0010 UJ	0.00098 UJ
	Bromodichloromethane	EPA 8260	0.03	BCL	mg/kg	<0.00053	<0.00051	0.00051 UJ	0.00049 UJ
	Bromoform	EPA 8260	0.04	BCL	mg/kg	<0.0011	<0.0010	<0.0010	<0.00098
	Bromomethane	EPA 8260	0.01	BCL	mg/kg	<0.0011	<0.0010	<0.0010	<0.00098
	2-Butanone	EPA 8260	1.16	RSL	mg/kg	0.0053 UJ	<b>0.020 J</b>	<0.0051	<0.0049
	n-Butylbenzene	EPA 8260	3.23	RSL	mg/kg	0.0011 UJ	<0.0010	0.0010 UJ	0.00098 UJ
	sec-Butylbenzene	EPA 8260	5.87	RSL	mg/kg	0.0011 UJ	<0.0010	0.0010 UJ	0.00098 UJ
	Carbon tetrachloride	EPA 8260	0.003	BCL	mg/kg	<0.00053	<0.00051	0.00051 UJ	0.00049 UJ
	Chlorobenzene	EPA 8260	0.07	BCL	mg/kg	<0.00053	<0.00051	<0.00051	<0.00049
	Chloroethane	EPA 8260	5.92	RSL	mg/kg	<0.0011	<0.0010	<0.0010	<0.00098
	Chloroform	EPA 8260	0.03	BCL	mg/kg	<b>0.0027 J</b>	<b>0.00061 J</b>	<0.00051	<0.00049
	Chloromethane	EPA 8260	0.0486	RSL	mg/kg	<0.0011	<0.0010	<0.0010	<0.00098
	2-Chlorotoluene	EPA 8260	0.231	RSL	mg/kg	0.0011 UJ	<0.0010	0.0010 UJ	0.00098 UJ
	4-Chlorotoluene	EPA 8260	0.241	RSL	mg/kg	0.0011 UJ	<0.0010	0.0010 UJ	0.00098 UJ
	Cumene	EPA 8260	0.738	RSL	mg/kg	<0.00053	<0.00051	<0.00051	<0.00049
	p-Cymene	EPA 8260	3.91	CAL	mg/kg	0.00053 UJ	<0.00051	<0.00051	<0.00049
	Dibromochloromethane	EPA 8260	0.02	BCL	mg/kg	<0.00053	<0.00051	0.00051 UJ	0.00049 UJ
	1,2-Dibromoethane	EPA 8260	0.0000141	RSL	mg/kg	<0.00053	<0.00051	<0.00051	<0.00049
	Dibromomethane	EPA 8260	0.00197	RSL	mg/kg	<0.00053	<0.00051	<0.00051	<0.00049
	1,2-Dichlorobenzene	EPA 8260	0.9	BCL	mg/kg	0.00053 UJ	<0.00051	0.00051 UJ	0.00049 UJ
	1,3-Dichlorobenzene	EPA 8260	0.0473	CAL	mg/kg	0.00053 UJ	<0.00051	<0.00051	<0.00049
	1,4-Dichlorobenzene	EPA 8260	0.1	BCL	mg/kg	0.00053 UJ	<0.00051	<0.00051	<0.00049
	Dichlorodifluoromethane	EPA 8260	0.304	RSL	mg/kg	0.0011 UJ	0.0010 UJ	<0.0010	<0.00098
	1,1-Dichloroethane	EPA 8260	1	BCL	mg/kg	<0.00053	<0.00051	0.00051 UJ	0.00049 UJ
	1,2-Dichloroethane	EPA 8260	0.001	BCL	mg/kg	<0.00053	<0.00051	0.00051 UJ	0.00049 UJ
	1,1-Dichloroethene	EPA 8260	0.003	BCL	mg/kg	<0.00053	<0.00051	<0.00051	<0.00049
	cis-1,2-Dichloroethene	EPA 8260	0.02	BCL	mg/kg	<0.00053	<0.00051	0.00051 UJ	0.00049 UJ
	trans-1,2-Dichloroethene	EPA 8260	0.03	BCL	mg/kg	<0.00053	<0.00051	0.00051 UJ	0.00049 UJ
	1,2-Dichloropropane	EPA 8260	0.001	BCL	mg/kg	<0.00053	<0.00051	0.00051 UJ	0.00049 UJ
1,3-Dichloropropane	EPA 8260	0.001	BCL	mg/kg	<0.00053	<0.00051	<0.00051	<0.00049	
2,2-Dichloropropane	EPA 8260			mg/kg	<0.0011	<0.0010	0.0010 UJ	0.00098 UJ	
1,1-Dichloropropene	EPA 8260			mg/kg	<0.00053	<0.00051	0.00051 UJ	0.00049 UJ	
cis-1,3-Dichloropropene	EPA 8260			mg/kg	<0.00053	<0.00051	0.00051 UJ	0.00049 UJ	



**TABLE A-2c. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 3 TEST PITS**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RIT-3-03		RIT-3-04	RIT-3-05
			Level	Source		- ft bgs	- ft bgs	- ft bgs	- ft bgs
						RIT-3-03-20141113	RIT-3-03-20141113-FD	RIT-3-04-20141113	RIT-3-05-20141113
VOCs	trans-1,3-Dichloropropene	EPA 8260			mg/kg	<0.00053	<0.00051	0.00051 UJ	0.00049 UJ
	Diisopropyl ether	EPA 8260			mg/kg	<0.0011	<0.0010	0.0010 UJ	0.00098 UJ
	Ethyl benzene	EPA 8260	0.7	BCL	mg/kg	<0.00053	<0.00051	<0.00051	<0.00049
	Ethyl tert-butyl ether	EPA 8260			mg/kg	<0.0011	<0.0010	0.0010 UJ	0.00098 UJ
	Hexachlorobutadiene	EPA 8260	0.1	BCL	mg/kg	0.0011 UJ	<0.0010	<0.0010	<0.00098
	2-Hexanone	EPA 8260			mg/kg	<b>0.039 J</b>	0.0052 UJ	0.0051 UJ	0.0049 UJ
	Methyl tert-butyl ether	EPA 8260			mg/kg	<0.0011	<0.0010	<0.0010	<0.00098
	Methylene chloride	EPA 8260	0.001	BCL	mg/kg	<0.0053	<0.0051	<0.0051	<0.0049
	Naphthalene	EPA 8260	4	BCL	mg/kg	0.0011 UJ	<0.0010	0.0010 UJ	0.00098 UJ
	n-Propylbenzene	EPA 8260	1.22	RSL	mg/kg	0.00053 UJ	<0.00051	0.00051 UJ	0.00049 UJ
	Styrene	EPA 8260	0.2	BCL	mg/kg	<0.00053	<0.00051	0.00051 UJ	0.00049 UJ
	1,1,1,2-Tetrachloroethane	EPA 8260	0.000218	RSL	mg/kg	<0.0011	<0.0010	0.0010 UJ	0.00098 UJ
	1,1,2,2-Tetrachloroethane	EPA 8260	0.0002	BCL	mg/kg	0.0011 UJ	<0.0010	<0.0010	<0.00098
	Tetrachloroethene	EPA 8260	0.003	BCL	mg/kg	<0.00053	<0.00051	<0.00051	<0.00049
	Toluene	EPA 8260	0.6	BCL	mg/kg	<0.00053	<0.00051	<0.00051	<0.00049
	1,2,3-Trichlorobenzene	EPA 8260	0.0209	RSL	mg/kg	0.0011 UJ	<0.0010	0.0010 UJ	0.00098 UJ
	1,2,4-Trichlorobenzene	EPA 8260	0.3	BCL	mg/kg	0.0011 UJ	<0.0010	0.0010 UJ	0.00098 UJ
	1,1,1-Trichloroethane	EPA 8260	0.1	BCL	mg/kg	<0.00053	<0.00051	<0.00051	<0.00049
	1,1,2-Trichloroethane	EPA 8260	0.0009	BCL	mg/kg	<0.00053	<0.00051	0.00051 UJ	0.00049 UJ
	Trichloroethene	EPA 8260	0.003	BCL	mg/kg	<0.00053	<0.00051	<0.00051	<0.00049
	Trichlorofluoromethane	EPA 8260	0.731	RSL	mg/kg	<0.0011	<0.0010	<0.0010	<0.00098
	1,2,3-Trichloropropane	EPA 8260	0.00000323	RSL	mg/kg	0.0011 UJ	<0.0010	0.0010 UJ	0.00098 UJ
	1,2,4-Trimethylbenzene	EPA 8260	0.0212	RSL	mg/kg	0.0011 UJ	<0.0010	0.0010 UJ	0.00098 UJ
	1,3,5-Trimethylbenzene	EPA 8260	0.167	RSL	mg/kg	0.0011 UJ	<0.0010	0.0010 UJ	0.00098 UJ
	Vinyl chloride	EPA 8260	0.0007	BCL	mg/kg	<0.0011	<0.0010	<0.0010	<0.00098
	m,p-Xylene	EPA 8260			mg/kg	<0.0011	<0.0010	<0.0010	<0.00098
	o-Xylene	EPA 8260	9	BCL	mg/kg	<0.00053	<0.00051	0.00051 UJ	0.00049 UJ
	1,2-Dibromo-3-chloropropane	EPA 8260	0.0000864	RSL	mg/kg	0.0021 UJ	<0.0021	<0.0020	<0.0020
4-Methyl-2-pentanone	EPA 8260			mg/kg	<0.0026	<0.0026	0.0025 UJ	0.0024 UJ	
tert Butyl alcohol	EPA 8260			mg/kg	<0.011	<0.010	<0.010	<0.0098	
tert-Butylbenzene	EPA 8260	1.55	RSL	mg/kg	0.0011 UJ	<0.0010	0.0010 UJ	0.00098 UJ	
SVOCs	Acenaphthene	EPA 8270	29	BCL	mg/kg	<2.1	<0.83	<0.068	<0.066
	Acenaphthene	EPA 8270-SIM	29	BCL	mg/kg	<0.021	<0.0083	<0.0041	<0.0040
	Aniline	EPA 8270	0.00456	RSL	mg/kg	2.6 UJ	1.0 UJ	0.087 UJ	0.084 UJ
	Anthracene	EPA 8270	590	BCL	mg/kg	<2.5	<0.99	<0.081	<0.079
	Anthracene	EPA 8270-SIM	590	BCL	mg/kg	<0.021	<0.0083	<0.0041	<0.0040
	Benzidine	EPA 8270			mg/kg	20 UJ	8.1 UJ	0.67 UJ	0.65 UJ
	Benzo(k)fluoranthene	EPA 8270	2	BCL	mg/kg	<2.2	<0.86	<0.071	<0.069 R
	Benzo(k)fluoranthene	EPA 8270-SIM	2	BCL	mg/kg	<0.021	<0.0083	<0.0041	<b>0.014 J</b>
	Benzoic acid	EPA 8270	20	BCL	mg/kg	<10	<4.2	<0.35	0.34 UJ
	Benzyl alcohol	EPA 8270	0.476	RSL	mg/kg	4.6 UJ	1.9 UJ	0.15 UJ	0.15 UJ
	4-Bromophenyl-phenyl ether	EPA 8270			mg/kg	<2.3	<0.93	<0.076	<0.074
	Butylbenzylphthalate	EPA 8270	810	BCL	mg/kg	<2.5	<0.99	<0.081	<0.079
	4-Chloroaniline	EPA 8270	0.03	BCL	mg/kg	<4.1	<1.6	<0.14	<0.13
	2-Chloronaphthalene	EPA 8270	3.85	RSL	mg/kg	<2.1	<0.83	<0.068	<b>0.42</b>
	2-Chlorophenol	EPA 8270	0.2	BCL	mg/kg	<2.2	<0.86	<0.071	<b>0.17 J</b>
	4-Chlorophenyl-phenyl ether	EPA 8270			mg/kg	<2.6	<1.0	<0.087	<0.084

**TABLE A-2c. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 3 TEST PITS**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RIT-3-03		RIT-3-04	RIT-3-05
			Level	Source		- ft bgs	- ft bgs	- ft bgs	- ft bgs
						RIT-3-03-20141113	RIT-3-03-20141113-FD	RIT-3-04-20141113	RIT-3-05-20141113
SVOCs	Chrysene	EPA 8270	8	BCL	mg/kg	<2.3	<0.93	<0.076	<0.074
	Chrysene	EPA 8270-SIM	8	BCL	mg/kg	<0.021	<0.0083	<0.0041	<b>0.031</b>
	Di-n-butylphthalate	EPA 8270	270	BCL	mg/kg	<2.8	<1.1	<0.092	<0.089
	Di-n-octylphthalate	EPA 8270	56.5	RSL	mg/kg	<2.8	<1.1	<0.092	<0.089
	Dibenz(a,h)anthracene	EPA 8270	0.08	BCL	mg/kg	3.1 UJ	1.2 UJ	0.10 UJ	<0.099 R
	Dibenz(a,h)anthracene	EPA 8270-SIM	0.08	BCL	mg/kg	<0.021	<0.0083	<0.0041	<0.0040
	Dibenzofuran	EPA 8270	0.145	RSL	mg/kg	<2.1	<0.83	<0.068	<b>0.20 J</b>
	3,3'-Dichlorobenzidine	EPA 8270	0.0003	BCL	mg/kg	<4.6	<1.9	<0.15	<0.15
	2,4-Dichlorophenol	EPA 8270	0.05	BCL	mg/kg	<2.1	<0.83	<0.068	0.066 UJ
	Diethylphthalate	EPA 8270	6.08	RSL	mg/kg	<2.9	<1.2	<0.097	<0.094
	2,4-Dimethylphenol	EPA 8270	0.4	BCL	mg/kg	<4.0	<1.6	<0.13	0.13 UJ
	Dimethylphthalate	EPA 8270			mg/kg	<2.1	<0.83	<0.068	<0.066
	2,4-Dinitrophenol	EPA 8270	0.01	BCL	mg/kg	<10	<4.1	<0.34	0.33 UJ
	2,4-Dinitrotoluene	EPA 8270	0.00004	BCL	mg/kg	<2.5	<0.99	<0.081	<0.079
	2,6-Dinitrotoluene	EPA 8270	0.00003	BCL	mg/kg	<2.9	<1.2	<0.097	<0.094
	Fluoranthene	EPA 8270	210	BCL	mg/kg	<2.2	<0.86	<0.071	<0.069
	Fluoranthene	EPA 8270-SIM	210	BCL	mg/kg	<0.021	<0.0083	<0.0041	<b>0.045</b>
	Fluorene	EPA 8270	28	BCL	mg/kg	<2.2	<0.86	<0.071	<0.069
	Fluorene	EPA 8270-SIM	28	BCL	mg/kg	<0.021	<0.0083	<0.0041	<0.0040
	Hexachlorobenzene	EPA 8270	0.1	BCL	mg/kg	<2.2	<0.86	<0.071	<0.069
	Hexachlorocyclopentadiene	EPA 8270	20	BCL	mg/kg	<4.1	<1.6	<0.14	<0.13
	Hexachloroethane	EPA 8270	0.02	BCL	mg/kg	<4.1	<1.6	<0.14	<0.13
	Isophorone	EPA 8270	0.03	BCL	mg/kg	<2.1	<0.83	<0.068	<b>0.27 J</b>
	1-Methylnaphthalene	EPA 8270	0.00584	RSL	mg/kg	<4.6	<1.9	<0.15	<0.15
	2-Methylnaphthalene	EPA 8270	0.185	RSL	mg/kg	<2.2	<0.86	<0.071	<b>0.14 J</b>
	2-Methylphenol	EPA 8270	0.8	BCL	mg/kg	<2.5	<0.99	<0.081	0.079 UJ
	3&4-Methylphenol	EPA 8270			mg/kg	<4.1	<1.6	<0.14	<b>1.1 J</b>
	Naphthalene	EPA 8270	4	BCL	mg/kg	<2.1	<0.83	<0.068	<b>2.7</b>
	Naphthalene	EPA 8270-SIM	4	BCL	mg/kg	<0.021	<0.0083	<0.0041	<0.0040
	2-Nitroaniline	EPA 8270	0.0801	RSL	mg/kg	<2.1	<0.83	<0.068	<0.066
	3-Nitroaniline	EPA 8270			mg/kg	<4.1	<1.6	<0.14	<0.13
	4-Nitroaniline	EPA 8270	0.00158	RSL	mg/kg	<4.1	<1.6	<0.14	<0.13
	Nitrobenzene	EPA 8270	0.007	BCL	mg/kg	<2.2	<0.86	<0.071	<0.069
	2-Nitrophenol	EPA 8270			mg/kg	<4.1	<1.6	<0.14	0.13 UJ
	4-Nitrophenol	EPA 8270			mg/kg	<4.3	<1.7	<0.14	0.14 UJ
	n-Nitrosodiphenylamine	EPA 8270	0.06	BCL	mg/kg	<2.5	<0.99	<0.081	<0.079
	Octachlorostyrene	EPA 8270			mg/kg	<71	<28	<2.3	<2.3
	Pentachlorophenol	EPA 8270	0.001	BCL	mg/kg	<10	<4.2	<0.35	0.34 UJ
	Phenol	EPA 8270	5	BCL	mg/kg	<2.8	<1.1	<0.092	<b>0.94 J</b>
	Pyrene	EPA 8270	210	BCL	mg/kg	<2.5	<0.99	<0.081	<0.079
	Pyrene	EPA 8270-SIM	210	BCL	mg/kg	<0.021	<0.0083	<0.0041	<b>0.033</b>
	Pyridine	EPA 8270			mg/kg	<4.6	<1.9	<0.15	<0.15
2,4,5-Trichlorophenol	EPA 8270	14	BCL	mg/kg	<4.0	<1.6	<0.13	0.13 UJ	
2,4,6-Trichlorophenol	EPA 8270	0.008	BCL	mg/kg	<2.3	<0.93	<0.076	<b>0.21 J</b>	
bis(2-Chloroethoxy)methane	EPA 8270	0.0135	RSL	mg/kg	<4.1	<1.6	<0.14	<0.13	
bis(2-Chloroethyl) ether	EPA 8270	0.00002	BCL	mg/kg	<2.2	<0.86	<0.071	<0.069	
bis(2-Ethylhexyl)phthalate	EPA 8270	180	BCL	mg/kg	<2.8	<1.1	<0.092	<0.089	
4-Chloro-3-methylphenol	EPA 8270	1.71	RSL	mg/kg	<2.2	<0.86	<0.071	<b>0.32 J</b>	

**TABLE A-2c. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 3 TEST PITS**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RIT-3-03		RIT-3-04	RIT-3-05
			Level	Source		- ft bgs	- ft bgs	- ft bgs	- ft bgs
						RIT-3-03-20141113	RIT-3-03-20141113-FD	RIT-3-04-20141113	RIT-3-05-20141113
<b>SVOCs</b>	n-Nitroso-di-n-propylamine	EPA 8270	0.000002	BCL	mg/kg	<2.2	<0.86	<0.071	<0.069
<b>Organo-phosphorus Pesticides</b>	Atrazine	EPA 8141A			mg/kg	<0.012	<0.012	<0.012	<0.012
	Chlorpyrifos	EPA 8141A	0.124	RSL	mg/kg	<0.0065	<0.0062	<0.0066	<0.0062
	Coumaphos	EPA 8141A			mg/kg	<0.0028	<0.0027	<0.0028	<0.0027
	Dasanit	EPA 8141A			mg/kg	<0.0082	<0.0079	<0.0083	<0.0078
	Demeton (O + S)	EPA 8141A			mg/kg	<0.0075	<0.0073	<0.0076	<0.0072
	Demeton-O	EPA 8141A			mg/kg	<0.0053	<0.0051	<0.0054	<0.0051
	Demeton-S	EPA 8141A			mg/kg	<0.0049	<0.0047	<0.0049	<0.0046
	Diazinon	EPA 8141A	0.0648	RSL	mg/kg	<0.0073	<0.0070	<0.0074	<0.0069
	Dibrom	EPA 8141A			mg/kg	<0.023	<0.022	<0.023	<0.022
	Dichlorovos	EPA 8141A	0.0000811	RSL	mg/kg	<0.0074	<0.0071	<0.0075	<0.0071
	Dimethoate	EPA 8141A	0.000899	RSL	mg/kg	<0.0071	<0.0068	<0.0072	<0.0068
	Disulfoton	EPA 8141A	0.000939	RSL	mg/kg	<0.0077	<0.0075	<0.0079	<0.0074
	Ethoprop nitrophenyl benzenethiophosphate	EPA 8141A	0.00277	RSL	mg/kg	<0.0037	<0.0036	<0.0037	<0.0035
	Famphur	EPA 8141A			mg/kg	<0.0032	<0.0031	<0.0033	<0.0031
	Fenthion	EPA 8141A			mg/kg	<0.0087	<0.0084	<0.0089	<0.0084
	Guthion	EPA 8141A			mg/kg	<0.0035	<0.0034	<0.0036	<0.0033
	Malathion	EPA 8141A	0.102	RSL	mg/kg	<0.0046	<0.0045	<0.0047	<0.0044
	Merphos	EPA 8141A	0.059	RSL	mg/kg	<0.0051	<0.0050	<0.0052	<0.0049
	Methyl parathion	EPA 8141A	7.41	RSL	µg/kg	<6.4	<6.2	<6.5	<6.1
	Mevinphos	EPA 8141A			mg/kg	<0.0046	<0.0045	<0.0047	<0.0044
	Parathion	EPA 8141A	432	RSL	µg/kg	<5.3	<5.1	<5.4	<5.1
	Phorate	EPA 8141A	0.00338	RSL	mg/kg	<0.0057	<0.0055	<0.0058	<0.0054
	Prothiophos	EPA 8141A			mg/kg	<0.0039	<0.0038	<0.0040	<0.0037
Ronnel	EPA 8141A	3.7	RSL	mg/kg	<0.015	<0.015	<0.015	<0.015	
Simazine	EPA 8141A			mg/kg	<0.022	<0.021	<0.022	<0.021	
Stirophos	EPA 8141A			mg/kg	<0.0044	<0.0042	<0.0044	<0.0042	
Sulfotepp	EPA 8141A			mg/kg	<0.0063	<0.0060	<0.0064	<0.0060	
Sulprofos	EPA 8141A			mg/kg	<0.0042	<0.0041	<0.0043	<0.0041	
Thionazin	EPA 8141A			mg/kg	<0.0056	<0.0054	<0.0057	<0.0053	
o-Ethyl o-2,4,5-trichlorophenyl ethyl-phosphonothioate	EPA 8141A			mg/kg	<0.0063	<0.0060	<0.0064	<0.0060	
<b>Organo-chlorine Pesticides</b>	Aldrin	EPA 8081	0.02	BCL	mg/kg	<0.0016	<0.0016	<0.0016	<0.0015
	alpha-BHC	EPA 8081	0.0266	BCL	mg/kg	<0.0016	<0.0016	<0.0016	<0.0015
	beta-BHC	EPA 8081	0.00545	BCL	mg/kg	<0.0016	<0.0016	<0.0016	<b>0.0033 J</b>
	delta-BHC	EPA 8081	28.1	BCL	mg/kg	<0.0016	<0.0016	<0.0016	<0.0015
	gamma-BHC	EPA 8081	0.0005	BCL	mg/kg	<0.0016	<0.0016	<0.0016	<0.0015
	alpha-Chlordane	EPA 8081			mg/kg	<0.0021	<0.0021	<0.0021	<0.0020
	gamma-Chlordane	EPA 8081			mg/kg	<0.0016	<0.0016	<0.0016	<0.0015
	4,4'-DDD	EPA 8081	0.8	BCL	mg/kg	<0.0016	<0.0016	<0.0016	<0.0015
	2,4'-DDE	EPA 8081			mg/kg	<0.0016	<0.0016	<0.0016	<0.0015
	4,4'-DDE	EPA 8081	3	BCL	mg/kg	<0.0016	<0.0016	<0.0016	<b>0.0021 J</b>
	4,4'-DDT	EPA 8081	2	BCL	mg/kg	<0.0016	<0.0016	<b>0.0019 J</b>	<0.0015
	Dieldrin	EPA 8081	0.0002	BCL	mg/kg	<0.0016	<0.0016	<0.0016	<0.0015
	Endosulfan I	EPA 8081			mg/kg	<0.0016	<0.0016	<0.0016	<0.0015
	Endosulfan II	EPA 8081			mg/kg	<0.0016	<0.0016	<0.0016	<0.0015
	Endosulfan sulfate	EPA 8081			mg/kg	<0.0021	<0.0021	<0.0021	<0.0020

**TABLE A-2c. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 3 TEST PITS**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RIT-3-03		RIT-3-04	RIT-3-05
			Level	Source		- ft bgs	- ft bgs	- ft bgs	- ft bgs
						RIT-3-03-20141113	RIT-3-03-20141113-FD	RIT-3-04-20141113	RIT-3-05-20141113
Organo-chlorine Pesticides	Endrin	EPA 8081	0.05	BCL	mg/kg	<0.0016	<0.0016	<0.0016	<0.0015
	Endrin aldehyde	EPA 8081			mg/kg	<0.0016	<0.0016	<0.0016	<0.0015
	Endrin ketone	EPA 8081			mg/kg	<0.0021	<0.0021	<0.0021	<0.0020
	Heptachlor	EPA 8081	1	BCL	mg/kg	<0.0021	<0.0021	<0.0021	<0.0020
	Heptachlor epoxide	EPA 8081	0.03	BCL	mg/kg	<0.0021	<0.0021	<0.0021	<0.0020
	Methoxychlor	EPA 8081	8	BCL	mg/kg	<0.0016	<0.0016	<0.0016	<0.0015
	Toxaphene	EPA 8081	2	BCL	mg/kg	<0.052	<0.053	<0.052	<0.050
PAHs	Acenaphthylene	EPA 8270	0.0106	CAL	mg/kg	<2.2	<0.86	<0.071	<0.069
	Acenaphthylene	EPA 8270-SIM	0.0106	CAL	mg/kg	<0.021	<0.0083	<0.0041	<0.0040
	Benzo(a)anthracene	EPA 8270	0.08	BCL	mg/kg	<2.2	<0.86	<0.071	<0.069
	Benzo(a)anthracene	EPA 8270-SIM	0.08	BCL	mg/kg	<0.021	<0.0083	<0.0041	<b>0.020 J</b>
	Benzo(a)pyrene	EPA 8270	0.4	BCL	mg/kg	<2.1	<0.83	<0.068	<0.066 R
	Benzo(a)pyrene	EPA 8270-SIM	0.4	BCL	mg/kg	<0.021	<0.0083	<0.0041	<b>0.013 J</b>
	Benzo(b)fluoranthene	EPA 8270	0.2	BCL	mg/kg	<2.2	<0.86	<0.071	<0.069 R
	Benzo(b)fluoranthene	EPA 8270-SIM	0.2	BCL	mg/kg	<0.021	<0.0083	<0.0041	<b>0.041</b>
	Benzo(g,h,i)perylene	EPA 8270			mg/kg	<3.4	<1.4	<0.11	<0.11 R
	Benzo(g,h,i)perylene	EPA 8270-SIM			mg/kg	<0.021	<0.0083	<0.0041	<b>0.015 J</b>
	Indeno(1,2,3-cd)pyrene	EPA 8270	0.7	BCL	mg/kg	<4.0	<1.6	<0.13	<0.13 R
	Indeno(1,2,3-cd)pyrene	EPA 8270-SIM	0.7	BCL	mg/kg	<0.021	<0.0083	<0.0041	<b>0.016 J</b>
	Phenanthrene	EPA 8270	0.0243	CAL	mg/kg	<2.1	<0.83	<0.068	<b>0.21 J</b>
Phenanthrene	EPA 8270-SIM	0.0243	CAL	mg/kg	<0.021	<0.0083	<0.0041	<b>0.016 J</b>	
PCBs	Aroclor-1260	EPA 8082	0.00549	RSL	mg/kg	<0.018	<0.018	<0.018	<0.017
	PCB-001	EPA 1668A			pg/g	<b>4.1 J</b>	<b>3.0 J</b>	<b>7.3 J</b>	<b>19 J</b>
	PCB-002	EPA 1668A			pg/g	<b>3.2 J</b>	<b>2.4 J</b>	<b>8.9 J</b>	<b>21</b>
	PCB-003	EPA 1668A			pg/g	<b>3.5 J</b>	<b>4.7 J</b>	<b>4.2 J</b>	<b>20</b>
	PCB-004	EPA 1668A			pg/g	<26	<22	<b>13 J</b>	<b>12 J</b>
	PCB-005	EPA 1668A			pg/g	<22	<15	<b>1.8 J</b>	<2.0
	PCB-006	EPA 1668A			pg/g	<22	<15	<b>8.5 J</b>	<b>16 J</b>
	PCB-007	EPA 1668A			pg/g	<22	<15	<1.7	<1.9
	PCB-008	EPA 1668A			pg/g	<21	<14	<b>22</b>	<b>29</b>
	PCB-009	EPA 1668A			pg/g	<24	<16	<b>5.3 J</b>	<b>6.8 J</b>
	PCB-010	EPA 1668A			pg/g	<19	<16	<1.5	<1.6
	PCB-011	EPA 1668A			pg/g	25 UJ	<b>27 J</b>	<b>6.6 J</b>	<b>21</b>
	PCB-014	EPA 1668A			pg/g	<21	<14	<1.6	<1.8
	PCB-015	EPA 1668A			pg/g	<30	<21	<b>12 J</b>	<b>57</b>
	PCB-016	EPA 1668A			pg/g	2.5 UJ	<b>1.7 J</b>	<b>1.9 J</b>	<b>5.0 J</b>
	PCB-017	EPA 1668A			pg/g	2.0 UJ	<b>1.6 J</b>	<b>0.85 J</b>	<b>4.0 J</b>
	PCB-019	EPA 1668A			pg/g	<1.9	<1.2	<b>0.40 J</b>	<b>1.4 J</b>
	PCB-022	EPA 1668A			pg/g	<b>2.0 J</b>	<b>4.5 J</b>	<b>6.4 J</b>	<b>12 J</b>
	PCB-023	EPA 1668A			pg/g	<1.3	<1.7	<0.44	<1.6
	PCB-024	EPA 1668A			pg/g	<1.6	<1.0	<0.15	<b>0.78 J</b>
	PCB-025	EPA 1668A			pg/g	<1.3	<1.7	<0.46	<b>2.7 J</b>
	PCB-027	EPA 1668A			pg/g	<1.5	<1.0	<0.15	<b>1.2 J</b>
	PCB-031	EPA 1668A			pg/g	<b>5.8 J</b>	<b>7.4 J</b>	<b>12 J</b>	<b>23</b>
PCB-032	EPA 1668A			pg/g	1.2 UJ	<b>1.6 J</b>	<b>0.84 J</b>	<b>3.6 J</b>	
PCB-034	EPA 1668A			pg/g	<1.4	<1.8	<0.49	<b>2.4 J</b>	
PCB-035	EPA 1668A			pg/g	<1.7	<2.1	<b>1.6 J</b>	<b>6.6 J</b>	
PCB-036	EPA 1668A			pg/g	<1.5	<2.0	<0.52	<b>3.2 J</b>	
PCB-037	EPA 1668A			pg/g	<b>9.8 J</b>	<b>17 J</b>	<b>19 J</b>	<b>33</b>	

**TABLE A-2c. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 3 TEST PITS**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RIT-3-03		RIT-3-04	RIT-3-05
			Level	Source		- ft bgs	- ft bgs	- ft bgs	- ft bgs
						RIT-3-03-20141113	RIT-3-03-20141113-FD	RIT-3-04-20141113	RIT-3-05-20141113
PCBs	PCB-038	EPA 1668A			pg/g	<1.7	<2.1	<0.56	<2.1
	PCB-039	EPA 1668A			pg/g	<1.5	<1.9	1.5 J	4.9 J
	PCB-041	EPA 1668A			pg/g	<1.2	<0.95	0.35 J	4.5 J
	PCB-042	EPA 1668A			pg/g	2.3 J	3.5 J	2.2 J	8.7 J
	PCB-043	EPA 1668A			pg/g	<1.2	<0.91	0.37 J	2.8 J
	PCB-045	EPA 1668A			pg/g	1.2 UJ	1.5 J	2.0 J	4.4 J
	PCB-046	EPA 1668A			pg/g	<1.2	<0.90	0.74 J	2.0 J
	PCB-048	EPA 1668A			pg/g	1.5 J	2.7 J	0.62 J	7.1 J
	PCB-051	EPA 1668A			pg/g	<0.90	<0.70	0.62 J	1.7 J
	PCB-052	EPA 1668A			pg/g	13 J	21	15 J	62
	PCB-054	EPA 1668A			pg/g	<0.84	<0.64	0.14 J	0.34 J
	PCB-055	EPA 1668A			pg/g	<1.7	<1.7	<0.69	2.5 J
	PCB-056	EPA 1668A			pg/g	7.1 J	9.5 J	6.7 J	31
	PCB-057	EPA 1668A			pg/g	<1.8	<1.8	<0.77	<1.7
	PCB-058	EPA 1668A			pg/g	<1.8	<1.8	<0.77	2.1 J
	PCB-060	EPA 1668A			pg/g	4.4 J	8.6 J	4.7 J	18 J
	PCB-063	EPA 1668A			pg/g	<1.7	<1.7	<0.72	3.9 J
	PCB-064	EPA 1668A			pg/g	4.3 J	7.5 J	6.8 J	18 J
	PCB-066	EPA 1668A			pg/g	17 J	25	16 J	63
	PCB-067	EPA 1668A			pg/g	<1.7	<1.7	<0.71	2.8 J
	PCB-068	EPA 1668A			pg/g	<1.7	<1.7	<0.70	3.6 J
	PCB-072	EPA 1668A			pg/g	<1.8	<1.8	<0.74	4.9 J
	PCB-073	EPA 1668A			pg/g	<0.74	<0.58	0.22 J	1.0 J
	PCB-077	EPA 1668A			pg/g	5.1 J	15 J	2.6	24
	PCB-078	EPA 1668A			pg/g	<2.1	<2.1	<0.86	3.3 J
	PCB-079	EPA 1668A			pg/g	<1.9	<1.9	3.0 J	11 J
	PCB-080	EPA 1668A			pg/g	<1.7	<1.7	<0.71	3.6 J
	PCB-081	EPA 1668A		61.8 RSL	pg/g	<2.6	<2.7	<1.0	5.1
	PCB-082	EPA 1668A			pg/g	7.5 J	8.9 J	10 J	24
	PCB-083	EPA 1668A			pg/g	<4.0	<7.5	<10	<11
	PCB-084	EPA 1668A			pg/g	6.5 J	12 J	41	30
	PCB-089	EPA 1668A			pg/g	<3.4	<6.4	<8.7	<9.8
PCB-092	EPA 1668A			pg/g	7.1 J	19 J	36	36	
PCB-094	EPA 1668A			pg/g	<3.2	<6.1	<8.3	<9.3	
PCB-095	EPA 1668A			pg/g	33 J	93 J	510	180	
PCB-096	EPA 1668A			pg/g	<0.54	<0.61	1.0 J	1.4 J	
PCB-099	EPA 1668A			pg/g	12 J	21 J	15 J	53	
PCB-103	EPA 1668A			pg/g	<2.9	<5.5	<7.4	<8.3	
PCB-104	EPA 1668A			pg/g	<0.46	<0.50	0.21 J	1.0 J	
PCB-105	EPA 1668A			pg/g	28	45	18	81	
PCB-106	EPA 1668A			pg/g	<2.5	<4.8	<6.5	13 J	
PCB-109	EPA 1668A			pg/g	4.7 J	8.5 J	6.8 J	21	
PCB-111	EPA 1668A			pg/g	<2.1	<4.0	<5.5	7.0 J	
PCB-112	EPA 1668A			pg/g	<2.2	<4.2	<5.7	<6.4	
PCB-114	EPA 1668A			pg/g	2.8 J	5.6 J	<6.7	10	
PCB-118	EPA 1668A		1,010 RSL	pg/g	55 J	130 J	110	190	
PCB-120	EPA 1668A			pg/g	<2.2	<4.2	<5.7	8.0 J	
PCB-121	EPA 1668A			pg/g	<2.2	<4.1	<5.6	<6.3	
PCB-122	EPA 1668A			pg/g	<2.6	<4.9	<6.7	<7.5	

**TABLE A-2c. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 3 TEST PITS**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RIT-3-03		RIT-3-04	RIT-3-05
			Level	Source		- ft bgs	- ft bgs	- ft bgs	- ft bgs
						RIT-3-03-20141113	RIT-3-03-20141113-FD	RIT-3-04-20141113	RIT-3-05-20141113
PCBs	PCB-123	EPA 1668A			pg/g	<2.5	<4.6	<6.4	<7.1
	PCB-126	EPA 1668A	0.303	RSL	pg/g	6.6 J	14 J	9.5	16
	PCB-127	EPA 1668A			pg/g	<2.5	<4.7	<6.4	7.2 J
	PCB-130	EPA 1668A			pg/g	18 J	31 J	69	52
	PCB-131	EPA 1668A			pg/g	<3.9	<9.4	11 J	<11
	PCB-132	EPA 1668A			pg/g	81 J	220 J	580	250
	PCB-133	EPA 1668A			pg/g	3.6 UJ	9.7 J	17 J	14 J
	PCB-136	EPA 1668A			pg/g	21 J	65 J	270	80
	PCB-137	EPA 1668A			pg/g	3.3 J	7.8 UJ	8.1 J	19 J
	PCB-141	EPA 1668A			pg/g	91 J	280 J	460	260
	PCB-142	EPA 1668A			pg/g	<3.6	<8.5	<6.2	<10
	PCB-144	EPA 1668A			pg/g	14 J	38 J	110	48
	PCB-145	EPA 1668A			pg/g	<2.5	<5.9	<4.3	<7.0
	PCB-146	EPA 1668A			pg/g	44 J	130 J	250	140
	PCB-148	EPA 1668A			pg/g	<3.3	<7.9	<5.7	<9.3
	PCB-150	EPA 1668A			pg/g	<2.3	<5.4	<3.9	<6.4
	PCB-152	EPA 1668A			pg/g	<2.4	<5.7	<4.2	<6.8
	PCB-154	EPA 1668A			pg/g	2.9 UJ	7.2 J	7.0 J	14 J
	PCB-155	EPA 1668A			pg/g	<2.0	<4.7	<4.3	<6.7
	PCB-158	EPA 1668A			pg/g	39 J	100 J	200	110
	PCB-159	EPA 1668A			pg/g	3.0 J	24 J	3.5 J	11 J
	PCB-160	EPA 1668A			pg/g	<2.8	<6.8	<4.9	<8.1
	PCB-161	EPA 1668A			pg/g	<2.5	<6.1	<4.4	<7.2
	PCB-162	EPA 1668A			pg/g	2.3 J	15 J	5.9 J	8.4 J
	PCB-164	EPA 1668A			pg/g	28 J	79 J	140	84
	PCB-165	EPA 1668A			pg/g	<3.0	<7.1	<5.2	<8.4
	PCB-167	EPA 1668A			pg/g	19 J	42 J	57	62
	PCB-169	EPA 1668A	1.65	RSL	pg/g	<2.9	<3.3	<2.4	5.5
	PCB-170	EPA 1668A			pg/g	300 J	690 J	1,200	650
	PCB-172	EPA 1668A			pg/g	51 J	140 J	200	160
	PCB-174	EPA 1668A			pg/g	240 J	600 J	1,500	570
	PCB-175	EPA 1668A			pg/g	13 J	30 J	46	49
	PCB-176	EPA 1668A			pg/g	18 J	46 J	130	60
	PCB-177	EPA 1668A			pg/g	63 J	270 J	800	310
PCB-178	EPA 1668A			pg/g	30 J	73 J	180	92	
PCB-179	EPA 1668A			pg/g	47 J	120 J	430	150	
PCB-181	EPA 1668A			pg/g	<1.8	<2.6	<1.7	13 J	
PCB-182	EPA 1668A			pg/g	6.3 J	15 J	5.9 J	24	
PCB-183	EPA 1668A			pg/g	110 J	290 J	720	300	
PCB-184	EPA 1668A			pg/g	7.8 J	16 J	5.1 J	35	
PCB-185	EPA 1668A			pg/g	25 J	72 J	160	72	
PCB-186	EPA 1668A			pg/g	1.5 UJ	1.2 J	<0.52	5.0 J	
PCB-187	EPA 1668A			pg/g	180 J	500 J	1,300	550	
PCB-188	EPA 1668A			pg/g	3.7 J	8.2 J	3.5 J	19 J	
PCB-189	EPA 1668A			pg/g	18 J	38 J	36	50	
PCB-190	EPA 1668A			pg/g	61 J	130 J	220	150	
PCB-191	EPA 1668A			pg/g	14 J	40 J	57	38	
PCB-192	EPA 1668A			pg/g	<1.6	<2.2	<1.5	8.1 J	
PCB-194	EPA 1668A			pg/g	160 J	320 J	380	340	

**TABLE A-2c. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 3 TEST PITS**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RIT-3-03		RIT-3-04	RIT-3-05
			Level	Source		- ft bgs	- ft bgs	- ft bgs	- ft bgs
						RIT-3-03-20141113	RIT-3-03-20141113-FD	RIT-3-04-20141113	RIT-3-05-20141113
PCBs	PCB-195	EPA 1668A			pg/g	54 J	100 J	150	120
	PCB-196	EPA 1668A			pg/g	110 J	250 J	240	270
	PCB-197	EPA 1668A			pg/g	33	54	24	87
	PCB-200	EPA 1668A			pg/g	25	36	66	63
	PCB-201	EPA 1668A			pg/g	42 J	71 J	75	120
	PCB-202	EPA 1668A			pg/g	19 J	38 J	71	63
	PCB-203	EPA 1668A			pg/g	95 J	220 J	260	220
	PCB-204	EPA 1668A			pg/g	17 J	29 J	6.6 J	59
	PCB-205	EPA 1668A			pg/g	21 J	38 J	27	62
	PCB-206	EPA 1668A			pg/g	200	300	170	480
	PCB-207	EPA 1668A			pg/g	280	410	74	580
	PCB-208	EPA 1668A			pg/g	160	220	84	390
	PCB-209	EPA 1668A			pg/g	2,400	3,200	600	6,000 J
	PCBs 107+124	EPA 1668A			pg/g	3.2 J	5.9 J	<6.2	13 J
	PCBs 110+115	EPA 1668A			pg/g	69 J	160 J	420	280
	PCBs 12+13	EPA 1668A			pg/g	<24	<16	16 J	34 J
	PCBs 128+166	EPA 1668A			pg/g	41 J	90 J	180	110
	PCBs 129+138+163	EPA 1668A			pg/g	390 J	1,100 J	2,200	1,100
	PCBs 134+143	EPA 1668A			pg/g	11 J	26 J	77	34 J
	PCBs 135+151	EPA 1668A			pg/g	79 J	250 J	760	280
	PCBs 139+140	EPA 1668A			pg/g	<3.3	<7.8	6.5 J	11 J
	PCBs 147+149	EPA 1668A			pg/g	200 J	640 J	1,900	720
	PCBs 153+168	EPA 1668A			pg/g	320 J	1,200 J	2,000	1,000
	PCBs 156+157	EPA 1668A			pg/g	46 J	120 J	140	120
	PCBs 171+173	EPA 1668A			pg/g	80 J	180 J	520	220
	PCBs 18+30	EPA 1668A			pg/g	2.0 J	4.9 J	4.9 J	13 J
	PCBs 180+193	EPA 1668A			pg/g	600 J	1,600 J	2,800	1,500
	PCBs 198+199	EPA 1668A			pg/g	140 J	280 J	410	370
	PCBs 20+28	EPA 1668A			pg/g	5.8 J	14 J	9.9 J	28 J
	PCBs 21+33	EPA 1668A			pg/g	3.3 J	5.4 J	4.8 J	13 J
	PCBs 26+29	EPA 1668A			pg/g	<1.4	<1.8	1.9 J	5.2 J
	PCBs 40+71	EPA 1668A			pg/g	4.2 J	7.8 J	4.4 J	26 J
	PCBs 44+47+65	EPA 1668A			pg/g	10 J	16 J	9.2 J	41 J
PCBs 49+69	EPA 1668A			pg/g	3.5 J	7.4 J	3.6 J	20 J	
PCBs 50+53	EPA 1668A			pg/g	0.93 UJ	1.4 J	2.0 J	4.5 J	
PCBs 59+62+75	EPA 1668A			pg/g	1.1 J	1.6 J	1.4 J	10 J	
PCBs 61+70+74+76	EPA 1668A			pg/g	26 J	40 J	25 J	110	
PCBs 85+116+117	EPA 1668A			pg/g	9.4 J	10 J	7.9 J	41 J	
PCBs 86+87+97+108+119+125	EPA 1668A			pg/g	31 J	57 J	60 J	150	
PCBs 88+91	EPA 1668A			pg/g	<3.0	<5.8	14 J	13 J	
PCBs 90+101+113	EPA 1668A			pg/g	57 J	160 J	250	270	
PCBs 93+100	EPA 1668A			pg/g	<3.0	<5.8	<7.8	<8.8	
PCBs 98+102	EPA 1668A			pg/g	<2.8	<5.3	<7.1	<8.0	
Dioxins/Furans	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	EPA 8290			pg/g	13	14	14	72
	1,2,3,4,6,7,8-Heptachlorodibenzofuran	EPA 8290			pg/g	170	200	50	530
	1,2,3,4,7,8,9-Heptachlorodibenzofuran	EPA 8290			pg/g	47	54	14	190



**TABLE A-2c. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 3 TEST PITS**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RIT-3-03		RIT-3-04	RIT-3-05
			Level	Source		- ft bgs	- ft bgs	- ft bgs	- ft bgs
						RIT-3-03-20141113	RIT-3-03-20141113-FD	RIT-3-04-20141113	RIT-3-05-20141113
Dioxins/Furans	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	EPA 8290			pg/g	1.2 J	1.6 J	0.88 J	5.2
	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	EPA 8290			pg/g	3.2 J	3.4 J	2.1 J	13
	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	EPA 8290			pg/g	2.8 J	3.4 J	2.1 J	11
	1,2,3,4,7,8-Hexachlorodibenzofuran	EPA 8290			pg/g	66	74	21	240
	1,2,3,6,7,8-Hexachlorodibenzofuran	EPA 8290			pg/g	42	48	11	130
	1,2,3,7,8,9-Hexachlorodibenzofuran	EPA 8290			pg/g	4.0 UJ	3.0 UJ	1.0 J	14 J
	2,3,4,6,7,8-Hexachlorodibenzofuran	EPA 8290			pg/g	10	13	3.9 J	30
	HpCDD (total)	EPA 8290			pg/g	22	22	26	120
	HpCDF (total)	EPA 8290			pg/g	310	350	92	1,100
	HxCDD (total)	EPA 8290			pg/g	22	25	17	84
	HxCDF (total)	EPA 8290			pg/g	280 J	310 J	87 J	1,000 J
	1,2,3,4,5,6,7,8-Octachlorodibenzo-p-dioxin	EPA 8290			pg/g	24	27	61	320
	1,2,3,4,5,6,7,8-Octachlorodibenzofuran	EPA 8290			pg/g	360	360	98	1,300
	PeCDD (total)	EPA 8290			pg/g	14	17	7.8	67
	PeCDF (total)	EPA 8290			pg/g	200	240	71	830
	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	EPA 8290			pg/g	1.6 J	1.8 J	0.68 J	5.9
	1,2,3,7,8-Pentachlorodibenzofuran	EPA 8290			pg/g	25	29	2.3 J	91
	2,3,4,7,8-Pentachlorodibenzofuran	EPA 8290			pg/g	14	16	5.6	50
	TCDD (total)	EPA 8290			pg/g	10	14	3.8	54
	TCDF (total)	EPA 8290			pg/g	130	170	49	610
2,3,7,8-Tetrachlorodibenzo-p-dioxin	EPA 8290		15 RSL	pg/g	0.29 J	0.48 J	<0.21	1.4	
2,3,7,8-Tetrachlorodibenzofuran	EPA 8290			pg/g	9.5	13	4.6	43	
Total PCB TEQs (calculated by TAS)	EPA 8280A			pg/g	0.71	1.5	1.0	1.8	
Total TEQ (Calculated)	EPA 8280A			pg/g	23	27	8.0	82	
Radionuclides	Radium-226	EPA 903.0	0.006	BCL	pCi/g	<0.124	<0.143	0.755 J	0.879 J
	Radium-228	EPA 904.0	0.006	BCL	pCi/g	<0.734	<0.960	0.842	0.838
	Thorium-228	DOE A-01-R	0.0027	BCL	pCi/g	<0.102	<0.0615	1.44 J	0.916 J
	Thorium-230	DOE A-01-R	0.001	BCL	pCi/g	<0.0822	<0.0562	0.748 J	0.776 J
	Thorium-232	DOE A-01-R	0.0035	BCL	pCi/g	<0.0676	<0.0559	1.23	1.12
	Uranium-233/234	DOE A-01-R			pCi/g	0.0844 UJ	0.0736 J	0.620	0.751
	Uranium-235/236	DOE A-01-R			pCi/g	<0.0903	<0.0667	<0.0631	<0.0685
	Uranium-238	DOE A-01-R			pCi/g	<0.0724	<0.0717	0.750	0.792
Uranium-238	EPA 6020	13.5	BCL	mg/kg	0.099 J	0.26 J	0.79	1.5	
Total Petroleum Hydrocarbons	Diesel Range Organics (C10-C28)	EPA 8015			mg/kg	320 J	170 J	3.0 J	5.5
	EFH (C10-C40)	EPA 8015			mg/kg	950 J	540 J	12	23
	Gasoline Range Organics (C6-C10)	EPA 8015			µg/kg	<150	<150	<150	<140

**TABLE A-2c. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 3 TEST PITS**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RIT-3-03		RIT-3-04	RIT-3-05
			Level	Source		- ft bgs	- ft bgs	- ft bgs	- ft bgs
						RIT-3-03-20141113	RIT-3-03-20141113-FD	RIT-3-04-20141113	RIT-3-05-20141113
<b>Total Petroleum</b>	Petroleum Hydrocarbons (C29-C40)	EPA 8015			mg/kg	<b>620 J</b>	<b>370 J</b>	<2.6	<b>9.7</b>
<b>General Chemistry</b>	Alkalinity (as CaCO3)	SM 2320			mg/kg	<520	<520	<b>23,000</b>	<b>8,600</b>
	Ammonia (as NH3)	SM 4500			mg/kg	<b>3.8 J</b>	<b>8.9 J</b>	<b>4.1 J</b>	<b>5.0 J</b>
	Bicarbonate as HCO3	SM 2320			mg/kg	<640	<640	<b>28,000</b>	<b>10,000</b>
	Bromide	EPA 300			mg/kg	<3.7	<3.6	<3.7	<3.6
	Carbonate (CO3)	SM 2320			mg/kg	<310	<310	<b>310</b>	<300
	Chloride	EPA 300			mg/kg	<b>17 J</b>	<b>23 J</b>	<b>8.2</b>	<b>13</b>
	Hydroxide	SM 2320			mg/kg	<180	<180	<180	<170
	Nitrate (as NO3)	EPA 300			mg/kg	<b>6.1 J</b>	<b>13 J</b>	<b>11</b>	<b>9.2</b>
	Nitrate/Nitrite	EPA 300			mg/kg	<b>1.4 J</b>	<b>3.0 J</b>	<b>2.5</b>	<b>3.5</b>
	Nitrite	EPA 300			mg/kg	<1.2	<1.1	<1.2	<b>1.4 J</b>
	ortho-Phosphate (total) (as PO4)	EPA 300			mg/kg	<4.2 R	<4.2 R	4.2 UJ	4.1 UJ
	Phosphorus (total)	EPA 6010	0.00148	RSL	mg/kg	<130	<130	<b>1,200</b>	<b>890</b>
	Silicon	EPA 6010			mg/kg	<260 R	<260 R	<b>80 J</b>	<b>58 J</b>
Sulfate	EPA 300			mg/kg	<b>11,000</b>	<b>10,000</b>	<b>390</b>	<b>290</b>	
Sulfur	EPA 6020			mg/kg	--	--	--	--	

**Notes:**

ft bgs: feet below ground surface

FD: Field Duplicate

Above Screening Level

bold value: detection

Soil screening levels were selected according to the following hierarchy of criteria:

1. Basic Comparison Level (BCL): Leaching-based basic comparison levels (LBCL) with dilution attenuation factor (DAF) of 1 in the most recent version of Nevada Division of Environmental Protection (NDEP) documents (February 2015).
2. Regional Screening Level (RSL): United States Environmental Protection Agency (USEPA) Regional Screening Levels (RSL) for groundwater protection (June 2015), with the maximum contaminant level (MCL) based screening levels selected over the risk-based screening levels, if available (USEPA 2015)
3. Calculated Criteria (CAL): Generic leaching-based BCLs (LBCLs) calculated using the approach presented in NDEP guidance (NDEP 2015).

**Sources:**

NDEP, 2015. User's Guide and Background Technical Document for NDEP Basic Comparison Levels (BCLs) for Human Health for the BMI Complex and Common Areas. Revision 13, February.

USEPA, 2015. Regional Screening Levels (RSL) for Chemical Contaminants at Superfund Sites. June.

**TABLE A-3a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 4**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-30							
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs
						RISB-30-0.5-20141118	RISB-30-5.0-20141118	RISB-30-10.0-20141118	RISB-30-15.0-20141118	RISB-30-20.0-20141118	RISB-30-25.0-20141118	RISB-30-25.0-20141118-FD	RISB-30-30.0-20141118
Chlorates	Chlorate	EPA 300.1	1.03	BCL	mg/kg	0.72	25	2.9	11	0.75	1.6	1.8	16
	Perchlorate	EPA 314.0	0.0185	BCL	mg/kg	1.7	25	3.9	3.6	0.84	2.7	2.6	5.5
Common Metals	Aluminum	EPA 6010	75	BCL	mg/kg	10,000	9,900	9,500	10,000	9,600	9,200	9,200	7,200
	Antimony	EPA 6020	0.3	BCL	mg/kg	<0.51	<0.54	<0.53	<0.54	<0.54	<0.54	<0.54	<0.53
	Arsenic	EPA 6020	1	BCL	mg/kg	3.0	2.8	3.3	4.0	5.3	4.7	4.4	6.4
	Barium	EPA 6010	82	BCL	mg/kg	210 J	180 J	180 J	170 J	160 J	170 J	160 J	130 J
	Boron	EPA 6010	21.4	BCL	mg/kg	4.5 J	6.7	3.7 J	4.1 J	4.4 J	3.5 J	3.9 J	5.2 J
	Cadmium	EPA 6010	0.4	BCL	mg/kg	<0.25	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27
	Chromium (total)	EPA 6010	180,000	RSL	mg/kg	20	19	18	23	18	23	23	18
	Cobalt	EPA 6010	0.453	BCL	mg/kg	11	8.5	8.7	8.1	8.1	8.4	8.6	6.2
	Copper	EPA 6010	45.8	BCL	mg/kg	23	19	20	20	20	21	21	16
	Iron	EPA 6010	7.56	BCL	mg/kg	22,000	20,000	19,000	21,000	20,000	21,000	21,000	16,000
	Lead	EPA 6010	13.5	RSL	mg/kg	11	8.0	6.6	7.4	7.4	7.3	7.1	5.9
	Magnesium	EPA 6010	889	BCL	mg/kg	10,000	9,700	11,000	12,000	11,000	9,400	9,900	8,000
	Manganese	EPA 6010	1.3	BCL	mg/kg	840	370	310	340	350	570	630	340
	Mercury	EPA 7471	0.104	BCL	mg/kg	0.032	0.024	0.022	0.021 J	0.017 J	0.028	0.019 J	<0.013
	Molybdenum	EPA 6010	3.37	BCL	mg/kg	<1.0	<1.1	<1.1	2.8	<1.1	3.2	3.1	2.2
	Nickel	EPA 6010	7	BCL	mg/kg	20	19	17	17	16	17	17	13
	Selenium	EPA 6020	0.3	BCL	mg/kg	<0.51	<0.54	<0.53	<0.54	<0.54	<0.54	<0.54	<0.53
Silver	EPA 6010	0.85	BCL	mg/kg	<0.76	<0.81	<0.80	<0.81	<0.81	<0.81	<0.81	<0.80	
Thallium	EPA 6020	0.4	BCL	mg/kg	<0.25	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	
Zinc	EPA 6010	620	BCL	mg/kg	47	43	39	39	40	46	49	32	
VOCs	Acetone	EPA 8260	0.8	BCL	mg/kg	<0.0081	<0.0085	0.018 J	0.0085 UJ	0.0082 UJ	0.0083 UJ	0.0088 UJ	0.0082 UJ
	t-Amyl methyl ether	EPA 8260			mg/kg	<0.0010	<0.0011	<0.0010	0.0011 UJ	0.0010 UJ	0.0010 UJ	0.0011 UJ	0.0010 UJ
	Benzene	EPA 8260	0.002	BCL	mg/kg	<0.00051	<0.00053	<0.00052	<0.00053	<0.00051	<0.00052	<0.00055	<0.00052
	Bromobenzene	EPA 8260	0.0421	RSL	mg/kg	<0.0010	<0.0011	<0.0010	<0.0011	<0.0010	<0.0010	<0.0011	<0.0010
	Bromochloromethane	EPA 8260			mg/kg	<0.0010	<0.0011	<0.0010	<0.0011	<0.0010	<0.0010	<0.0011	<0.0010
	Bromodichloromethane	EPA 8260	0.03	BCL	mg/kg	<0.00051	<0.00053	<0.00052	<0.00053	<0.00051	<0.00052	<0.00055	<0.00052
	Bromoform	EPA 8260	0.04	BCL	mg/kg	0.0010 UJ	0.0011 UJ	0.0010 UJ	<0.0011	<0.0010	<0.0010	<0.0011	<0.0010
	Bromomethane	EPA 8260	0.01	BCL	mg/kg	<0.0010	<0.0011	<0.0010	<0.0011	<0.0010	<0.0010	<0.0011	<0.0010
	2-Butanone	EPA 8260	1.16	RSL	mg/kg	<0.0051	<0.0053	<0.0052	<0.0053	<0.0051	<0.0052	<0.0055	<0.0052
	n-Butylbenzene	EPA 8260	3.23	RSL	mg/kg	<0.0010	<0.0011	<0.0010	<0.0011	<0.0010	<0.0010	<0.0011	<0.0010
	sec-Butylbenzene	EPA 8260	5.87	RSL	mg/kg	<0.0010	<0.0011	<0.0010	<0.0011	<0.0010	<0.0010	<0.0011	<0.0010
	Carbon tetrachloride	EPA 8260	0.003	BCL	mg/kg	0.00051 UJ	0.00053 UJ	0.00052 UJ	0.00053 UJ	0.00051 UJ	0.00052 UJ	0.00055 UJ	0.00052 UJ
	Chlorobenzene	EPA 8260	0.07	BCL	mg/kg	<0.00051	<0.00053	<0.00052	<0.00053	<0.00051	<0.00052	<0.00055	<0.00052
	Chloroethane	EPA 8260	5.92	RSL	mg/kg	<0.0010	<0.0011	<0.0010	<0.0011	<0.0010	<0.0010	<0.0011	<0.0010
	Chloroform	EPA 8260	0.03	BCL	mg/kg	<0.00051	<0.00053	<0.00052	<0.00053	0.00095 J	<0.00052	<0.00055	0.0011
	Chloromethane	EPA 8260	0.0486	RSL	mg/kg	<0.0010	<0.0011	<0.0010	<0.0011	<0.0010	<0.0010	<0.0011	<0.0010
	2-Chlorotoluene	EPA 8260	0.231	RSL	mg/kg	<0.0010	<0.0011	<0.0010	<0.0011	<0.0010	<0.0010	<0.0011	<0.0010
	4-Chlorotoluene	EPA 8260	0.241	RSL	mg/kg	<0.0010	<0.0011	<0.0010	<0.0011	<0.0010	<0.0010	<0.0011	<0.0010
	Cumene	EPA 8260	0.738	RSL	mg/kg	<0.00051	<0.00053	<0.00052	<0.00050	<0.00051	<0.00052	<0.00055	<0.00052
	p-Cymene	EPA 8260	3.91	CAL	mg/kg	<0.00051	<0.00053	<0.00052	<0.00050	<0.00051	<0.00052	<0.00055	<0.00052
	Dibromochloromethane	EPA 8260	0.02	BCL	mg/kg	<0.00051	<0.00053	<0.00052	<0.00053	<0.00051	<0.00052	<0.00055	<0.00052
	1,2-Dibromoethane	EPA 8260	0.0000141	RSL	mg/kg	<0.00051	<0.00053	<0.00052	<0.00053	<0.00051	<0.00052	<0.00055	<0.00052
	Dibromomethane	EPA 8260	0.00197	RSL	mg/kg	<0.00051	<0.00053	<0.00052	<0.00053	<0.00051	<0.00052	<0.00055	<0.00052
	1,2-Dichlorobenzene	EPA 8260	0.9	BCL	mg/kg	<0.00051	<0.00053	<0.00052	<0.00053	<0.00051	<0.00052	<0.00055	<0.00052
	1,3-Dichlorobenzene	EPA 8260	0.0473	CAL	mg/kg	<0.00051	<0.00053	<0.00052	<0.00053	<0.00051	<0.00052	<0.00055	<0.00052
	1,4-Dichlorobenzene	EPA 8260	0.1	BCL	mg/kg	<0.00051	<0.00053	<0.00052	<0.00053	<0.00051	<0.00052	<0.00055	<0.00052
	Dichlorodifluoromethane	EPA 8260	0.304	RSL	mg/kg	0.0010 UJ	0.0011 UJ	0.0010 UJ	0.0011 UJ	0.0010 UJ	0.0010 UJ	0.0011 UJ	0.0010 UJ

**TABLE A-3a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 4**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-30							
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs
						RISB-30-0.5-20141118	RISB-30-5.0-20141118	RISB-30-10.0-20141118	RISB-30-15.0-20141118	RISB-30-20.0-20141118	RISB-30-25.0-20141118	RISB-30-25.0-20141118-FD	RISB-30-30.0-20141118
VOCs	1,1-Dichloroethane	EPA 8260	1	BCL	mg/kg	<0.00051	<0.00053	<0.00052	<0.00053	<0.00051	<0.00052	<0.00055	<0.00052
	1,2-Dichloroethane	EPA 8260	0.001	BCL	mg/kg	<0.00051	<0.00053	<0.00052	0.00053 UJ	0.00051 UJ	0.00052 UJ	0.00055 UJ	0.00052 UJ
	1,1-Dichloroethene	EPA 8260	0.003	BCL	mg/kg	<0.00051	<0.00053	<0.00052	<0.00053	<0.00051	<0.00052	<0.00055	<0.00052
	cis-1,2-Dichloroethene	EPA 8260	0.02	BCL	mg/kg	<0.00051	<0.00053	<0.00052	<0.00053	<0.00051	<0.00052	<0.00055	<0.00052
	trans-1,2-Dichloroethene	EPA 8260	0.03	BCL	mg/kg	<0.00051	<0.00053	<0.00052	<0.00053	<0.00051	<0.00052	<0.00055	<0.00052
	1,2-Dichloropropane	EPA 8260	0.001	BCL	mg/kg	<0.00051	<0.00053	<0.00052	<0.00053	<0.00051	<0.00052	<0.00055	<0.00052
	1,3-Dichloropropane	EPA 8260	0.001	BCL	mg/kg	<0.00051	<0.00053	<0.00052	<0.00053	<0.00051	<0.00052	<0.00055	<0.00052
	2,2-Dichloropropane	EPA 8260			mg/kg	0.0010 UJ	0.0011 UJ	0.0010 UJ	<0.0011	<0.0010	<0.0010	<0.0011	<0.0010
	1,1-Dichloropropene	EPA 8260			mg/kg	<0.00051	<0.00053	<0.00052	<0.00053	<0.00051	<0.00052	<0.00055	<0.00052
	cis-1,3-Dichloropropene	EPA 8260			mg/kg	<0.00051	<0.00053	<0.00052	<0.00053	<0.00051	<0.00052	<0.00055	<0.00052
	trans-1,3-Dichloropropene	EPA 8260			mg/kg	<0.00051	<0.00053	<0.00052	<0.00053	<0.00051	<0.00052	<0.00055	<0.00052
	Diisopropyl ether	EPA 8260			mg/kg	<0.0010	<0.0011	<0.0010	0.0011 UJ	0.0010 UJ	0.0010 UJ	0.0011 UJ	0.0010 UJ
	Ethyl benzene	EPA 8260	0.7	BCL	mg/kg	<0.00051	<0.00053	<0.00052	<0.00050	<0.00051	<0.00052	<0.00055	<0.00052
	Ethyl tert-butyl ether	EPA 8260			mg/kg	<0.0010	<0.0011	<0.0010	<0.0011	<0.0010	<0.0010	<0.0011	<0.0010
	Hexachlorobutadiene	EPA 8260	0.1	BCL	mg/kg	<0.0010	<0.0011	<0.0010	0.0011 UJ	0.0010 UJ	0.0010 UJ	0.0011 UJ	0.0010 UJ
	2-Hexanone	EPA 8260			mg/kg	<0.0051	<0.0053	<0.0052	0.0053 UJ	0.0051 UJ	0.0052 UJ	0.0055 UJ	0.0052 UJ
	Methyl tert-butyl ether	EPA 8260			mg/kg	<0.0010	<0.0011	<0.0010	<0.0011	<0.0010	<0.0010	<0.0011	<0.0010
	Methylene chloride	EPA 8260	0.001	BCL	mg/kg	<0.0051	<0.0053	<0.0052	<0.0053	<0.0051	<0.0052	<0.0055	<0.0052
	Naphthalene	EPA 8260	4	BCL	mg/kg	<0.0010	<0.0011	<0.0010	<0.0011	<0.0010	<0.0010	<0.0011	<0.0010
	n-Propylbenzene	EPA 8260	1.22	RSL	mg/kg	<0.00051	<0.00053	<0.00052	<0.00050	<0.00051	<0.00052	<0.00055	<0.00052
	Styrene	EPA 8260	0.2	BCL	mg/kg	<0.00051	<0.00053	<0.00052	<0.00053	<0.00051	<0.00052	<0.00055	<0.00052
	1,1,1,2-Tetrachloroethane	EPA 8260	0.000218	RSL	mg/kg	<0.0010	<0.0011	<0.0010	<0.0011	<0.0010	<0.0010	<0.0011	<0.0010
	1,1,1,2,2-Tetrachloroethane	EPA 8260	0.0002	BCL	mg/kg	<0.0010	<0.0011	<0.0010	<0.0011	<0.0010	<0.0010	<0.0011	<0.0010
	Tetrachloroethene	EPA 8260	0.003	BCL	mg/kg	<0.00051	<0.00053	<0.00052	0.00053 UJ	0.00051 UJ	0.00052 UJ	0.00055 UJ	0.00052 UJ
	Toluene	EPA 8260	0.6	BCL	mg/kg	<0.00051	<0.00053	<0.00052	<0.00053	<0.00051	<0.00052	<0.00055	<0.00052
	1,2,3-Trichlorobenzene	EPA 8260	0.0209	RSL	mg/kg	<0.0010	<0.0011	<0.0010	<0.0011	<0.0010	<0.0010	<0.0011	<0.0010
	1,2,4-Trichlorobenzene	EPA 8260	0.3	BCL	mg/kg	<0.0010	<0.0011	<0.0010	<0.0011	<0.0010	<0.0010	<0.0011	<0.0010
	1,1,1-Trichloroethane	EPA 8260	0.1	BCL	mg/kg	<0.00051	<0.00053	<0.00052	0.00053 UJ	0.00051 UJ	0.00052 UJ	0.00055 UJ	0.00052 UJ
	1,1,2-Trichloroethane	EPA 8260	0.0009	BCL	mg/kg	<0.00051	<0.00053	<0.00052	<0.00053	<0.00051	<0.00052	<0.00055	<0.00052
	Trichloroethene	EPA 8260	0.003	BCL	mg/kg	<0.00051	<0.00053	<0.00052	<0.00053	<0.00051	<0.00052	<0.00055	<0.00052
	Trichlorofluoromethane	EPA 8260	0.731	RSL	mg/kg	<0.0010	<0.0011	<0.0010	0.0011 UJ	0.0010 UJ	0.0010 UJ	0.0011 UJ	0.0010 UJ
	1,2,3-Trichloropropane	EPA 8260	0.00000323	RSL	mg/kg	<0.0010	<0.0011	<0.0010	<0.0011	<0.0010	<0.0010	<0.0011	<0.0010
1,2,4-Trimethylbenzene	EPA 8260	0.0212	RSL	mg/kg	<0.0010	<0.0011	<0.0010	<0.0011	<0.0010	<0.0010	<0.0011	<0.0010	
1,3,5-Trimethylbenzene	EPA 8260	0.167	RSL	mg/kg	<0.0010	<0.0011	<0.0010	<0.0011	<0.0010	<0.0010	<0.0011	<0.0010	
Vinyl chloride	EPA 8260	0.0007	BCL	mg/kg	<0.0010	<0.0011	<0.0010	<0.0011	<0.0010	<0.0010	<0.0011	<0.0010	
m,p-Xylene	EPA 8260			mg/kg	<0.0010	<0.0011	<0.0010	<0.0011	<0.0010	<0.0010	<0.0011	<0.0010	
o-Xylene	EPA 8260	9	BCL	mg/kg	<0.00051	<0.00053	<0.00052	<0.00053	<0.00051	<0.00052	<0.00055	<0.00052	
1,2-Dibromo-3-chloropropane	EPA 8260	0.0000864	RSL	mg/kg	<0.0020	<0.0021	<0.0021	<0.0021	<0.0021	<0.0021	<0.0022	<0.0021	
4-Methyl-2-pentanone	EPA 8260			mg/kg	<0.0025	<0.0027	<0.0026	0.0027 UJ	0.0026 UJ	0.0026 UJ	0.0027 UJ	0.0026 UJ	
tert Butyl alcohol	EPA 8260			mg/kg	<0.010	<0.011	<0.010	0.011 UJ	0.010 UJ	0.010 UJ	0.011 UJ	0.010 UJ	
tert-Butylbenzene	EPA 8260	1.55	RSL	mg/kg	<0.0010	<0.0011	<0.0010	<0.0011	<0.0010	<0.0010	<0.0011	<0.0010	
General Chemistry	Phosphorus (total)	EPA 6010	0.00148	RSL	mg/kg	--	--	--	--	--	--	--	--

**Notes:**

ft bgs: feet below ground surface  
 FD: Field Duplicate  
 Above Screening Level

**Sources:**

NDEP, 2015. User's Guide and Background Technical Document for NDEP Basic Comparison Levels (BCLs) for Human Health for the BMI Complex and Common Areas. Revision 13, February.

**TABLE A-3a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 4**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-30							
						0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs
			Level	Source		RISB-30-0.5-20141118	RISB-30-5.0-20141118	RISB-30-10.0-20141118	RISB-30-15.0-20141118	RISB-30-20.0-20141118	RISB-30-25.0-20141118	RISB-30-25.0-20141118-FD	RISB-30-30.0-20141118

**bold value:** detection

USEPA, 2015. Regional Screening Levels (RSL) for Chemical Contaminants at Superfund Sites. June.

Soil screening levels were selected according to the following hierarchy of criteria:

1. Basic Comparison Level (BCL): Leaching-based basic comparison levels (LBCL) with dilution attenuation factor (DAF) of 1 in the most recent version of Nevada Division of Environmental Protection (NDEP) documents (February 2015).
2. Regional Screening Level (RSL): United States Environmental Protection Agency (USEPA) Regional Screening Levels (RSL) for groundwater protection (June 2015), with the maximum contaminant level (MCL) based screening levels selected over the risk-based screening levels, if available (USEPA 2015)
3. Calculated Criteria (CAL): Generic leaching-based BCLs (LBCLs) calculated using the approach presented in NDEP guidance (NDEP 2015).

**TABLE A-3a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 4**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-31							
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs
						RISB-31-0.5-20141119	RISB-31-5.0-20141119	RISB-31-10.0-20141119	RISB-31-15.0-20141119	RISB-31-20.0-20141119	RISB-31-25.0-20141120	RISB-31-25.0-20141120-FD	RISB-31-30.0-20141120
Chlorates	Chlorate	EPA 300.1	1.03	BCL	mg/kg	11	30	42	45	29	22	16	19 J
	Perchlorate	EPA 314.0	0.0185	BCL	mg/kg	39	25	21	23	26	17 J	7.7 J	6.3 J
Common Metals	Aluminum	EPA 6010	75	BCL	mg/kg	9,300	11,000	9,600	9,700	9,400	7,000	7,400	7,100
	Antimony	EPA 6020	0.3	BCL	mg/kg	0.53 UJ	0.54 UJ	0.53 UJ	0.53 UJ	0.54 UJ	0.54 UJ	0.53 UJ	0.53 UJ
	Arsenic	EPA 6020	1	BCL	mg/kg	4.3	2.7	4.6	5.0	5.2	6.0	7.5	8.6
	Barium	EPA 6010	82	BCL	mg/kg	240 J	180 J	170 J	160 J	78 J	110	120	100
	Boron	EPA 6010	21.4	BCL	mg/kg	24	14	16	16	4.2 J	4.5 J	4.9 J	4.7 J
	Cadmium	EPA 6010	0.4	BCL	mg/kg	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.26
	Chromium (total)	EPA 6010	180,000	RSL	mg/kg	12	12	11	12	12	13	14	13
	Cobalt	EPA 6010	0.453	BCL	mg/kg	12	8.0	6.4	7.5	6.5	6.3	5.9	5.5
	Copper	EPA 6010	45.8	BCL	mg/kg	19	17	15	17	17	16	17	18
	Iron	EPA 6010	7.56	BCL	mg/kg	13,000	15,000	13,000	15,000	13,000	13,000	13,000	13,000
	Lead	EPA 6010	13.5	RSL	mg/kg	22	8.5	6.5	6.7	6.5	6.4	6.6	6.3
	Magnesium	EPA 6010	889	BCL	mg/kg	11,000	8,000	12,000	11,000	12,000	9,200	8,400	7,500
	Manganese	EPA 6010	1.3	BCL	mg/kg	890	360	300	290	230	290	270	210
	Mercury	EPA 7471	0.104	BCL	mg/kg	0.081	0.022 J	0.049	0.034 J	0.053	<0.013	<0.013	<0.013
	Molybdenum	EPA 6010	3.37	BCL	mg/kg	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	1.3 J
	Nickel	EPA 6010	7	BCL	mg/kg	16	15	13	15	14	14	14	13
	Selenium	EPA 6020	0.3	BCL	mg/kg	<0.53	<0.54	<0.53	<0.53	<0.54	<0.54	<0.53	<0.53
	Silver	EPA 6010	0.85	BCL	mg/kg	<0.80	<0.81	<0.80	<0.80	<0.81	<0.81	<0.80	<0.79
Thallium	EPA 6020	0.4	BCL	mg/kg	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.26	
Zinc	EPA 6010	620	BCL	mg/kg	40	38	31	34	30	27	27	26	
VOCs	Acetone	EPA 8260	0.8	BCL	mg/kg	<0.0086	<0.0087	<0.0085	<0.0087	<0.0083	<0.0083	<0.0082	<0.0086
	t-Amyl methyl ether	EPA 8260			mg/kg	0.0011 UJ	0.0011 UJ	0.0011 UJ	0.0011 UJ	0.0010 UJ	<0.0010	<0.0010	<0.0011
	Benzene	EPA 8260	0.002	BCL	mg/kg	<0.00054	<0.00054	<0.00053	<0.00054	<0.00052	<0.00052	<0.00052	<0.00054
	Bromobenzene	EPA 8260	0.0421	RSL	mg/kg	<0.0011	<0.0011	<0.0011	<0.0011	<0.0010	<0.0010	<0.0010	<0.0011
	Bromochloromethane	EPA 8260			mg/kg	<0.0011	<0.0011	<0.0011	<0.0011	<0.0010	<0.0010	<0.0010	<0.0011
	Bromodichloromethane	EPA 8260	0.03	BCL	mg/kg	<0.00054	<0.00054	<0.00053	<0.00054	<0.00052	<0.00052	<0.00052	<0.00054
	Bromoform	EPA 8260	0.04	BCL	mg/kg	0.0011 UJ	0.0011 UJ	0.0011 UJ	0.0011 UJ	0.0010 UJ	0.0010 UJ	0.0010 UJ	0.0011 UJ
	Bromomethane	EPA 8260	0.01	BCL	mg/kg	<0.0011	<0.0011	<0.0011	<0.0011	<0.0010	<0.0010	<0.0010	<0.0011
	2-Butanone	EPA 8260	1.16	RSL	mg/kg	<0.0054	<0.0054	<0.0053	<0.0054	<0.0052	<0.0052	<0.0052	<0.0054
	n-Butylbenzene	EPA 8260	3.23	RSL	mg/kg	<0.0011	<0.0011	<0.0011	<0.0011	<0.0010	<0.0010	<0.0010	<0.0011
	sec-Butylbenzene	EPA 8260	5.87	RSL	mg/kg	<0.0011	<0.0011	<0.0011	<0.0011	<0.0010	<0.0010	<0.0010	<0.0011
	Carbon tetrachloride	EPA 8260	0.003	BCL	mg/kg	0.00054 UJ	0.00054 UJ	0.00053 UJ	0.00054 UJ	0.00052 UJ	0.00052 UJ	0.00052 UJ	0.00054 UJ
	Chlorobenzene	EPA 8260	0.07	BCL	mg/kg	<0.00054	<0.00054	<0.00053	<0.00054	<0.00052	<0.00052	<0.00052	<0.00054
	Chloroethane	EPA 8260	5.92	RSL	mg/kg	<0.0011	<0.0011	<0.0011	<0.0011	<0.0010	<0.0010	<0.0010	<0.0011
	Chloroform	EPA 8260	0.03	BCL	mg/kg	<0.00054	<0.00054	<0.00053	<0.00054	<0.00052	<0.00052	<0.00052	<0.00054
	Chloromethane	EPA 8260	0.0486	RSL	mg/kg	<0.0011	<0.0011	<0.0011	<0.0011	<0.0010	<0.0010	<0.0010	<0.0011
	2-Chlorotoluene	EPA 8260	0.231	RSL	mg/kg	<0.0011	<0.0011	<0.0011	<0.0011	<0.0010	<0.0010	<0.0010	<0.0011
	4-Chlorotoluene	EPA 8260	0.241	RSL	mg/kg	<0.0011	<0.0011	<0.0011	<0.0011	<0.0010	<0.0010	<0.0010	<0.0011
	Cumene	EPA 8260	0.738	RSL	mg/kg	<0.00054	<0.00054	<0.00053	<0.00054	<0.00052	<0.00052	<0.00052	<0.00054
	p-Cymene	EPA 8260	3.91	CAL	mg/kg	<0.00054	<0.00054	<0.00053	<0.00054	<0.00052	<0.00052	<0.00052	<0.00054
	Dibromochloromethane	EPA 8260	0.02	BCL	mg/kg	<0.00054	<0.00054	<0.00053	<0.00054	<0.00052	<0.00052	<0.00052	<0.00054
	1,2-Dibromoethane	EPA 8260	0.0000141	RSL	mg/kg	<0.00054	<0.00054	<0.00053	<0.00054	<0.00052	<0.00052	<0.00052	<0.00054
	Dibromomethane	EPA 8260	0.00197	RSL	mg/kg	<0.00054	<0.00054	<0.00053	<0.00054	<0.00052	<0.00052	<0.00052	<0.00054
	1,2-Dichlorobenzene	EPA 8260	0.9	BCL	mg/kg	<0.00054	<0.00054	<0.00053	<0.00054	<0.00052	<0.00052	<0.00052	<0.00054
	1,3-Dichlorobenzene	EPA 8260	0.0473	CAL	mg/kg	<0.00054	<0.00054	<0.00053	<0.00054	<0.00052	<0.00052	<0.00052	<0.00054
	1,4-Dichlorobenzene	EPA 8260	0.1	BCL	mg/kg	<0.00054	<0.00054	<0.00053	<0.00054	<0.00052	<0.00052	<0.00052	<0.00054
	Dichlorodifluoromethane	EPA 8260	0.304	RSL	mg/kg	0.0011 UJ	0.0011 UJ	0.0011 UJ	0.0011 UJ	0.0010 UJ	0.0010 UJ	0.0010 UJ	0.0011 UJ

**TABLE A-3a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 4**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-31							
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs
						RISB-31-0.5-20141119	RISB-31-5.0-20141119	RISB-31-10.0-20141119	RISB-31-15.0-20141119	RISB-31-20.0-20141119	RISB-31-25.0-20141120	RISB-31-25.0-20141120-FD	RISB-31-30.0-20141120
VOCs	1,1-Dichloroethane	EPA 8260	1	BCL	mg/kg	<0.00054	<0.00054	<0.00053	<0.00054	<0.00052	<0.00052	<0.00052	<0.00054
	1,2-Dichloroethane	EPA 8260	0.001	BCL	mg/kg	<0.00054	<0.00054	<0.00053	<0.00054	<0.00052	<0.00052	<0.00052	<0.00054
	1,1-Dichloroethene	EPA 8260	0.003	BCL	mg/kg	<0.00054	<0.00054	<0.00053	<0.00054	<0.00052	<0.00052	<0.00052	<0.00054
	cis-1,2-Dichloroethene	EPA 8260	0.02	BCL	mg/kg	<0.00054	<0.00054	<0.00053	<0.00054	<0.00052	<0.00052	<0.00052	<0.00054
	trans-1,2-Dichloroethene	EPA 8260	0.03	BCL	mg/kg	<0.00054	<0.00054	<0.00053	<0.00054	<0.00052	<0.00052	<0.00052	<0.00054
	1,2-Dichloropropane	EPA 8260	0.001	BCL	mg/kg	<0.00054	<0.00054	<0.00053	<0.00054	<0.00052	<0.00052	<0.00052	<0.00054
	1,3-Dichloropropane	EPA 8260	0.001	BCL	mg/kg	<0.00054	<0.00054	<0.00053	<0.00054	<0.00052	<0.00052	<0.00052	<0.00054
	2,2-Dichloropropane	EPA 8260			mg/kg	0.0011 UJ	0.0011 UJ	0.0011 UJ	0.0011 UJ	0.0010 UJ	0.0010 UJ	0.0010 UJ	0.0011 UJ
	1,1-Dichloropropene	EPA 8260			mg/kg	<0.00054	<0.00054	<0.00053	<0.00054	<0.00052	<0.00052	<0.00052	<0.00054
	cis-1,3-Dichloropropene	EPA 8260			mg/kg	<0.00054	<0.00054	<0.00053	<0.00054	<0.00052	<0.00052	<0.00052	<0.00054
	trans-1,3-Dichloropropene	EPA 8260			mg/kg	<0.00054	<0.00054	<0.00053	<0.00054	<0.00052	<0.00052	<0.00052	<0.00054
	Diisopropyl ether	EPA 8260			mg/kg	<0.0011	<0.0011	<0.0011	<0.0011	<0.0010	<0.0010	<0.0010	<0.0011
	Ethyl benzene	EPA 8260	0.7	BCL	mg/kg	<0.00054	<0.00054	<0.00053	<0.00054	<0.00052	<0.00052	<0.00052	<0.00054
	Ethyl tert-butyl ether	EPA 8260			mg/kg	0.0011 UJ	0.0011 UJ	0.0011 UJ	0.0011 UJ	0.0010 UJ	<0.0010	<0.0010	<0.0011
	Hexachlorobutadiene	EPA 8260	0.1	BCL	mg/kg	<0.0011	<0.0011	<0.0011	<0.0011	<0.0010	<0.0010	<0.0010	<0.0011
	2-Hexanone	EPA 8260			mg/kg	<0.0054	<0.0054	<0.0053	<0.0054	<0.0052	<0.0052	<0.0052	<0.0054
	Methyl tert-butyl ether	EPA 8260			mg/kg	<0.0011	<0.0011	<0.0011	<0.0011	<0.0010	<0.0010	<0.0010	<0.0011
	Methylene chloride	EPA 8260	0.001	BCL	mg/kg	<0.0054	<0.0054	<0.0053	<0.0054	<0.0052	<0.0052	<0.0052	<0.0054
	Naphthalene	EPA 8260	4	BCL	mg/kg	<0.0011	<0.0011	<0.0011	<0.0011	<0.0010	<0.0010	<0.0010	<0.0011
	n-Propylbenzene	EPA 8260	1.22	RSL	mg/kg	<0.00054	<0.00054	<0.00053	<0.00054	<0.00052	<0.00052	<0.00052	<0.00054
	Styrene	EPA 8260	0.2	BCL	mg/kg	<0.00054	<0.00054	<0.00053	<0.00054	<0.00052	<0.00052	<0.00052	<0.00054
	1,1,1,2-Tetrachloroethane	EPA 8260	0.000218	RSL	mg/kg	<0.0011	<0.0011	<0.0011	<0.0011	<0.0010	<0.0010	<0.0010	<0.0011
	1,1,1,2,2-Tetrachloroethane	EPA 8260	0.0002	BCL	mg/kg	<0.0011	<0.0011	<0.0011	<0.0011	<0.0010	<0.0010	<0.0010	<0.0011
	Tetrachloroethene	EPA 8260	0.003	BCL	mg/kg	<0.00054	<0.00054	<0.00053	<0.00054	<0.00052	<0.00052	<0.00052	<0.00054
	Toluene	EPA 8260	0.6	BCL	mg/kg	<0.00054	<0.00054	<0.00053	<0.00054	<0.00052	<0.00052	<0.00052	<0.00054
	1,2,3-Trichlorobenzene	EPA 8260	0.0209	RSL	mg/kg	<0.0011	<0.0011	<0.0011	<0.0011	<0.0010	<0.0010	<0.0010	<0.0011
	1,2,4-Trichlorobenzene	EPA 8260	0.3	BCL	mg/kg	<0.0011	<0.0011	<0.0011	<0.0011	<0.0010	<0.0010	<0.0010	<0.0011
	1,1,1-Trichloroethane	EPA 8260	0.1	BCL	mg/kg	0.00054 UJ	0.00054 UJ	0.00053 UJ	0.00054 UJ	0.00052 UJ	<0.00052	<0.00052	<0.00054
	1,1,2-Trichloroethane	EPA 8260	0.0009	BCL	mg/kg	<0.00054	<0.00054	<0.00053	<0.00054	<0.00052	<0.00052	<0.00052	<0.00054
	Trichloroethene	EPA 8260	0.003	BCL	mg/kg	<0.00054	<0.00054	<0.00053	<0.00054	<0.00052	<0.00052	<0.00052	<0.00054
	Trichlorofluoromethane	EPA 8260	0.731	RSL	mg/kg	<0.0011	<0.0011	<0.0011	<0.0011	<0.0010	<0.0010	<0.0010	<0.0011
	1,2,3-Trichloropropane	EPA 8260	0.00000323	RSL	mg/kg	<0.0011	<0.0011	<0.0011	<0.0011	<0.0010	<0.0010	<0.0010	<0.0011
	1,2,4-Trimethylbenzene	EPA 8260	0.0212	RSL	mg/kg	<0.0011	<0.0011	<0.0011	<0.0011	<0.0010	<0.0010	<0.0010	<0.0011
1,3,5-Trimethylbenzene	EPA 8260	0.167	RSL	mg/kg	<0.0011	<0.0011	<0.0011	<0.0011	<0.0010	<0.0010	<0.0010	<0.0011	
Vinyl chloride	EPA 8260	0.0007	BCL	mg/kg	<0.0011	<0.0011	<0.0011	<0.0011	<0.0010	<0.0010	<0.0010	<0.0011	
m,p-Xylene	EPA 8260			mg/kg	<0.0011	<0.0011	<0.0011	<0.0011	<0.0010	<0.0010	<0.0010	<0.0011	
o-Xylene	EPA 8260	9	BCL	mg/kg	<0.00054	<0.00054	<0.00053	<0.00054	<0.00052	<0.00052	<0.00052	<0.00054	
1,2-Dibromo-3-chloropropane	EPA 8260	0.0000864	RSL	mg/kg	<0.0021	<0.0022	<0.0021	<0.0022	<0.0021	<0.0021	<0.0021	<0.0022	
4-Methyl-2-pentanone	EPA 8260			mg/kg	<0.0027	<0.0027	<0.0027	<0.0027	<0.0026	<0.0026	<0.0026	<0.0027	
tert Butyl alcohol	EPA 8260			mg/kg	<0.011	<0.011	<0.011	<0.011	<0.010	<0.010	<0.010	<0.011	
tert-Butylbenzene	EPA 8260	1.55	RSL	mg/kg	<0.0011	<0.0011	<0.0011	<0.0011	<0.0010	<0.0010	<0.0010	<0.0011	
General Chemistry	Phosphorus (total)	EPA 6010	0.00148	RSL	mg/kg	--	--	--	--	--	--	--	--

**Notes:**

ft bgs: feet below ground surface  
 FD: Field Duplicate  
 Above Screening Level

**Sources:**

NDEP, 2015. User's Guide and Background Technical Document for NDEP Basic Comparison Levels (BCLs) for Human Health for the BMI Complex and Common Areas. Revision 13, February.



**TABLE A-3a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 4**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-31							
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs
						RISB-31-0.5-20141119	RISB-31-5.0-20141119	RISB-31-10.0-20141119	RISB-31-15.0-20141119	RISB-31-20.0-20141119	RISB-31-25.0-20141120	RISB-31-25.0-20141120-FD	RISB-31-30.0-20141120

**bold value:** detection

USEPA, 2015. Regional Screening Levels (RSL) for Chemical Contaminants at Superfund Sites. June.

Soil screening levels were selected according to the following hierarchy of criteria:

1. Basic Comparison Level (BCL): Leaching-based basic comparison levels (LBCL) with dilution attenuation factor (DAF) of 1 in the most recent version of Nevada Division of Environmental Protection (NDEP) documents (February 2015).
2. Regional Screening Level (RSL): United States Environmental Protection Agency (USEPA) Regional Screening Levels (RSL) for groundwater protection (June 2015), with the maximum contaminant level (MCL) based screening levels selected over the risk-based screening levels, if available (USEPA 2015)
3. Calculated Criteria (CAL): Generic leaching-based BCLs (LBCLs) calculated using the approach presented in NDEP guidance (NDEP 2015).

**TABLE A-3a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 4**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-32							
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs
						RISB-32-0.5-20141120	RISB-32-5.0-20141120	RISB-32-10.0-20141120	RISB-32-15.0-20141120	RISB-32-20.0-20141120	RISB-32-20.0-20141120-FD	RISB-32-25.0-20141120	RISB-32-30-20141120
Chlorates	Chlorate	EPA 300.1	1.03	BCL	mg/kg	48 J	19 J	22 J	0.97 J	2.5 J	2.4 J	1.2 J	140 J
	Perchlorate	EPA 314.0	0.0185	BCL	mg/kg	81 J	17 J	32 J	3.1 J	3.4 J	3.8 J	1.6 J	37 J
Common Metals	Aluminum	EPA 6010	75	BCL	mg/kg	10,000	10,000	9,800	11,000	9,100	8,800	7,600	7,900
	Antimony	EPA 6020	0.3	BCL	mg/kg	0.52 UJ	0.54 UJ	0.53 UJ	0.54 UJ	0.52 UJ	0.53 UJ	0.53 UJ	0.58 UJ
	Arsenic	EPA 6020	1	BCL	mg/kg	2.7	2.8	3.2	4.3	3.9	4.0	7.8	16
	Barium	EPA 6010	82	BCL	mg/kg	200	160	170	180	120	120	130	100
	Boron	EPA 6010	21.4	BCL	mg/kg	3.6 J	8.7	4.2 J	4.7 J	3.6 J	3.5 J	5.5	12
	Cadmium	EPA 6010	0.4	BCL	mg/kg	<0.26	<0.27	<0.27	<0.27	<0.26	<0.26	<0.26	<0.29
	Chromium (total)	EPA 6010	180,000	RSL	mg/kg	17	14	18	18	17	17	16	22
	Cobalt	EPA 6010	0.453	BCL	mg/kg	8.1	7.4	7.8	7.3	6.5	6.7	5.0	5.4
	Copper	EPA 6010	45.8	BCL	mg/kg	21	18	22	20	20	19	24	19
	Iron	EPA 6010	7.56	BCL	mg/kg	17,000	16,000	17,000	17,000	15,000	14,000	12,000	11,000
	Lead	EPA 6010	13.5	RSL	mg/kg	11	9.3	9.2	8.4	7.5	7.2	7.0	7.1
	Magnesium	EPA 6010	889	BCL	mg/kg	9,600	9,400	9,900	12,000	10,000	9,900	8,600	18,000
	Manganese	EPA 6010	1.3	BCL	mg/kg	550	380	390	350	270	260	340	220
	Mercury	EPA 7471	0.104	BCL	mg/kg	0.022	0.020 J	0.018 J	<0.013	0.016 J	0.030 J	0.025	0.16 J
	Molybdenum	EPA 6010	3.37	BCL	mg/kg	<1.0	<1.1	1.8 J	1.2 J	1.2 J	1.4 J	<1.1	2.5
	Nickel	EPA 6010	7	BCL	mg/kg	22	15	17	15	17	18	12	12
	Selenium	EPA 6020	0.3	BCL	mg/kg	<0.52	<0.54	<0.53	<0.54	<0.52	<0.53	<0.53	<0.58
Silver	EPA 6010	0.85	BCL	mg/kg	<0.77	<0.82	<0.80	<0.81	<0.78	<0.79	<0.79	<0.87	
Thallium	EPA 6020	0.4	BCL	mg/kg	<0.26	<0.27	<0.27	<0.27	<0.26	<0.26	<0.26	<0.29	
Zinc	EPA 6010	620	BCL	mg/kg	37	33	35	33	31	30	25	25	
VOCs	Acetone	EPA 8260	0.8	BCL	mg/kg	<0.0076	<0.0091	<0.0090	<0.0090	<0.012	<0.010	0.011 J	<0.0095
	t-Amyl methyl ether	EPA 8260			mg/kg	<0.00095	<0.0011	<0.0011	<0.0011	<0.0015	<0.0013	<0.0010	<0.0012
	Benzene	EPA 8260	0.002	BCL	mg/kg	<0.00047	<0.00057	<0.00056	<0.00056	<0.00074	<0.00064	<0.00051	<0.00059
	Bromobenzene	EPA 8260	0.0421	RSL	mg/kg	<0.00095	<0.0011	<0.0011	<0.0011	<0.0015	<0.0013	<0.0010	<0.0012
	Bromochloromethane	EPA 8260			mg/kg	<0.00095	<0.0011	<0.0011	<0.0011	<0.0015	<0.0013	<0.0010	<0.0012
	Bromodichloromethane	EPA 8260	0.03	BCL	mg/kg	<0.00047	<0.00057	<0.00056	<0.00056	<0.00074	<0.00064	<0.00051	<0.00059
	Bromoform	EPA 8260	0.04	BCL	mg/kg	0.00095 UJ	<0.0011	<0.0011	<0.0011	<0.0015	<0.0013	0.0010 UJ	0.0012 UJ
	Bromomethane	EPA 8260	0.01	BCL	mg/kg	<0.00095	<0.0011	<0.0011	<0.0011	<0.0015	<0.0013	<0.0010	<0.0012
	2-Butanone	EPA 8260	1.16	RSL	mg/kg	<0.0047	<0.0057	<0.0056	<0.0056	<0.0074	<0.0064	<0.0051	<0.0059
	n-Butylbenzene	EPA 8260	3.23	RSL	mg/kg	<0.00095	0.0011 UJ	0.0011 UJ	0.0011 UJ	0.0015 UJ	0.0013 UJ	<0.0010	<0.0012
	sec-Butylbenzene	EPA 8260	5.87	RSL	mg/kg	<0.00095	0.0011 UJ	0.0011 UJ	0.0011 UJ	0.0015 UJ	0.0013 UJ	<0.0010	<0.0012
	Carbon tetrachloride	EPA 8260	0.003	BCL	mg/kg	0.00047 UJ	<0.00057	<0.00056	<0.00056	<0.00074	<0.00064	0.00051 UJ	0.00059 UJ
	Chlorobenzene	EPA 8260	0.07	BCL	mg/kg	<0.00047	<0.00057	<0.00056	<0.00056	<0.00074	<0.00064	<0.00051	<0.00059
	Chloroethane	EPA 8260	5.92	RSL	mg/kg	<0.00095	<0.0011	<0.0011	<0.0011	<0.0015	<0.0013	<0.0010	<0.0012
	Chloroform	EPA 8260	0.03	BCL	mg/kg	<0.00047	<0.00057	<0.00056	<0.00056	0.00074 J	0.00064 UJ	0.0011	0.0066
	Chloromethane	EPA 8260	0.0486	RSL	mg/kg	<0.00095	<0.0011	<0.0011	<0.0011	<0.0015	<0.0013	<0.0010	<0.0012
	2-Chlorotoluene	EPA 8260	0.231	RSL	mg/kg	<0.00095	<0.0011	<0.0011	<0.0011	<0.0015	<0.0013	<0.0010	<0.0012
	4-Chlorotoluene	EPA 8260	0.241	RSL	mg/kg	<0.00095	<0.0011	<0.0011	<0.0011	<0.0015	<0.0013	<0.0010	<0.0012
	Cumene	EPA 8260	0.738	RSL	mg/kg	<0.00047	0.00057 UJ	0.00056 UJ	0.00056 UJ	0.00074 UJ	0.00064 UJ	<0.00051	<0.00059
	p-Cymene	EPA 8260	3.91	CAL	mg/kg	<0.00047	0.00057 UJ	0.00056 UJ	0.00056 UJ	0.00074 UJ	0.00064 UJ	<0.00051	<0.00059
	Dibromochloromethane	EPA 8260	0.02	BCL	mg/kg	<0.00047	<0.00057	<0.00056	<0.00056	<0.00074	<0.00064	0.00051 UJ	0.00059 UJ
	1,2-Dibromoethane	EPA 8260	0.0000141	RSL	mg/kg	<0.00047	<0.00057	<0.00056	<0.00056	<0.00074	<0.00064	<0.00051	<0.00059
	Dibromomethane	EPA 8260	0.00197	RSL	mg/kg	<0.00047	<0.00057	<0.00056	<0.00056	<0.00074	<0.00064	<0.00051	<0.00059
	1,2-Dichlorobenzene	EPA 8260	0.9	BCL	mg/kg	<0.00047	<0.00057	<0.00056	<0.00056	<0.00074	<0.00064	<0.00051	0.00075 J
	1,3-Dichlorobenzene	EPA 8260	0.0473	CAL	mg/kg	<0.00047	<0.00057	<0.00056	<0.00056	<0.00074	<0.00064	<0.00051	<0.00059
	1,4-Dichlorobenzene	EPA 8260	0.1	BCL	mg/kg	<0.00047	<0.00057	<0.00056	<0.00056	<0.00074	<0.00064	<0.00051	<0.00059
	Dichlorodifluoromethane	EPA 8260	0.304	RSL	mg/kg	0.00095 UJ	0.0011 UJ	0.0011 UJ	0.0011 UJ	0.0015 UJ	0.0013 UJ	0.0010 UJ	0.0012 UJ

**TABLE A-3a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 4**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-32							
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs
						RISB-32-0.5-20141120	RISB-32-5.0-20141120	RISB-32-10.0-20141120	RISB-32-15.0-20141120	RISB-32-20.0-20141120	RISB-32-20.0-20141120-FD	RISB-32-25.0-20141120	RISB-32-30-20141120
VOCs	1,1-Dichloroethane	EPA 8260	1	BCL	mg/kg	<0.00047	<0.00057	<0.00056	<0.00056	<0.00074	<0.00064	<0.00051	<0.00059
	1,2-Dichloroethane	EPA 8260	0.001	BCL	mg/kg	<0.00047	<0.00057	<0.00056	<0.00056	<0.00074	<0.00064	<0.00051	<0.00059
	1,1-Dichloroethene	EPA 8260	0.003	BCL	mg/kg	<0.00047	<0.00057	<0.00056	<0.00056	<0.00074	<0.00064	<0.00051	<0.00059
	cis-1,2-Dichloroethene	EPA 8260	0.02	BCL	mg/kg	<0.00047	<0.00057	<0.00056	<0.00056	<0.00074	<0.00064	<0.00051	<0.00059
	trans-1,2-Dichloroethene	EPA 8260	0.03	BCL	mg/kg	<0.00047	<0.00057	<0.00056	<0.00056	<0.00074	<0.00064	<0.00051	<0.00059
	1,2-Dichloropropane	EPA 8260	0.001	BCL	mg/kg	<0.00047	<0.00057	<0.00056	<0.00056	<0.00074	<0.00064	<0.00051	<0.00059
	1,3-Dichloropropane	EPA 8260	0.001	BCL	mg/kg	<0.00047	<0.00057	<0.00056	<0.00056	<0.00074	<0.00064	<0.00051	<0.00059
	2,2-Dichloropropane	EPA 8260			mg/kg	0.00095 UJ	<0.0011	<0.0011	<0.0011	<0.0015	<0.0013	0.0010 UJ	0.0012 UJ
	1,1-Dichloropropene	EPA 8260			mg/kg	<0.00047	0.00057 UJ	0.00056 UJ	0.00056 UJ	0.00074 UJ	0.00064 UJ	<0.00051	<0.00059
	cis-1,3-Dichloropropene	EPA 8260			mg/kg	<0.00047	0.00057 UJ	0.00056 UJ	0.00056 UJ	0.00074 UJ	0.00064 UJ	<0.00051	<0.00059
	trans-1,3-Dichloropropene	EPA 8260			mg/kg	<0.00047	0.00057 UJ	0.00056 UJ	0.00056 UJ	0.00074 UJ	0.00064 UJ	<0.00051	<0.00059
	Diisopropyl ether	EPA 8260			mg/kg	<0.00095	<0.0011	<0.0011	<0.0011	<0.0015	<0.0013	<0.0010	<0.0012
	Ethyl benzene	EPA 8260	0.7	BCL	mg/kg	<0.00047	<0.00057	<0.00056	<0.00056	<0.00074	<0.00064	<0.00051	<0.00059
	Ethyl tert-butyl ether	EPA 8260			mg/kg	<0.00095	<0.0011	<0.0011	<0.0011	<0.0015	<0.0013	0.0010 UJ	0.0012 UJ
	Hexachlorobutadiene	EPA 8260	0.1	BCL	mg/kg	<0.00095	<0.0011	<0.0011	<0.0011	<0.0015	<0.0013	<0.0010	<0.0012
	2-Hexanone	EPA 8260			mg/kg	<0.0047	<0.0057	<0.0056	<0.0056	<0.0074	<0.0064	<0.0051	<0.0059
	Methyl tert-butyl ether	EPA 8260			mg/kg	<0.00095	<0.0011	<0.0011	<0.0011	<0.0015	<0.0013	<0.0010	<0.0012
	Methylene chloride	EPA 8260	0.001	BCL	mg/kg	<0.0047	<0.0057	<0.0056	<0.0056	<0.0074	<0.0064	<0.0051	<0.0059
	Naphthalene	EPA 8260	4	BCL	mg/kg	<0.00095	0.0011 UJ	0.0011 UJ	0.0011 UJ	0.0015 UJ	0.0013 UJ	<0.0010	<0.0012
	n-Propylbenzene	EPA 8260	1.22	RSL	mg/kg	<0.00047	0.00057 UJ	0.00056 UJ	0.00056 UJ	0.00074 UJ	0.00064 UJ	<0.00051	<0.00059
	Styrene	EPA 8260	0.2	BCL	mg/kg	<0.00047	<0.00057	<0.00056	<0.00056	<0.00074	<0.00064	<0.00051	<0.00059
	1,1,1,2-Tetrachloroethane	EPA 8260	0.000218	RSL	mg/kg	<0.00095	<0.0011	<0.0011	<0.0011	<0.0015	<0.0013	<0.0010	<0.0012
	1,1,2,2-Tetrachloroethane	EPA 8260	0.0002	BCL	mg/kg	<0.00095	<0.0011	<0.0011	<0.0011	<0.0015	<0.0013	<0.0010	<0.0012
	Tetrachloroethene	EPA 8260	0.003	BCL	mg/kg	<0.00047	<0.00057	<0.00056	<0.00056	<0.00074	<0.00064	<0.00051	<0.00059
	Toluene	EPA 8260	0.6	BCL	mg/kg	<0.00047	<0.00057	<0.00056	<0.00056	<0.00074	<0.00064	<0.00051	<0.00059
	1,2,3-Trichlorobenzene	EPA 8260	0.0209	RSL	mg/kg	<0.00095	<0.0011	<0.0011	<0.0011	<0.0015	<0.0013	<0.0010	<0.0012
	1,2,4-Trichlorobenzene	EPA 8260	0.3	BCL	mg/kg	<0.00095	<0.0011	<0.0011	<0.0011	<0.0015	<0.0013	<0.0010	<0.0012
	1,1,1-Trichloroethane	EPA 8260	0.1	BCL	mg/kg	<0.00047	<0.00057	<0.00056	<0.00056	<0.00074	<0.00064	0.00051 UJ	0.00059 UJ
	1,1,2-Trichloroethane	EPA 8260	0.0009	BCL	mg/kg	<0.00047	<0.00057	<0.00056	<0.00056	<0.00074	<0.00064	<0.00051	<0.00059
	Trichloroethene	EPA 8260	0.003	BCL	mg/kg	<0.00047	<0.00057	<0.00056	<0.00056	<0.00074	<0.00064	<0.00051	<0.00059
	Trichlorofluoromethane	EPA 8260	0.731	RSL	mg/kg	<0.00095	<0.0011	<0.0011	<0.0011	<0.0015	<0.0013	<0.0010	<0.0012
	1,2,3-Trichloropropane	EPA 8260	0.00000323	RSL	mg/kg	<0.00095	<0.0011	<0.0011	<0.0011	<0.0015	<0.0013	<0.0010	<0.0012
1,2,4-Trimethylbenzene	EPA 8260	0.0212	RSL	mg/kg	<0.00095	0.0011 UJ	0.0011 UJ	0.0011 UJ	0.0015 UJ	0.0013 UJ	<0.0010	<0.0012	
1,3,5-Trimethylbenzene	EPA 8260	0.167	RSL	mg/kg	<0.00095	0.0011 UJ	0.0011 UJ	0.0011 UJ	0.0015 UJ	0.0013 UJ	<0.0010	<0.0012	
Vinyl chloride	EPA 8260	0.0007	BCL	mg/kg	<0.00095	<0.0011	<0.0011	<0.0011	<0.0015	<0.0013	<0.0010	<0.0012	
m,p-Xylene	EPA 8260			mg/kg	<0.00095	<0.0011	<0.0011	<0.0011	<0.0015	<0.0013	<0.0010	<0.0012	
o-Xylene	EPA 8260	9	BCL	mg/kg	<0.00047	0.00057 UJ	0.00056 UJ	0.00056 UJ	0.00074 UJ	0.00064 UJ	<0.00051	<0.00059	
1,2-Dibromo-3-chloropropane	EPA 8260	0.0000864	RSL	mg/kg	<0.0019	<0.0023	<0.0022	<0.0023	<0.0030	<0.0026	0.0020 UJ	0.0024 UJ	
4-Methyl-2-pentanone	EPA 8260			mg/kg	<0.0024	0.0028 UJ	0.0028 UJ	0.0028 UJ	0.0037 UJ	0.0032 UJ	<0.0026	<0.0030	
tert Butyl alcohol	EPA 8260			mg/kg	<0.0095	<0.011	<0.011	<0.011	<0.015	<0.013	<0.010	<0.012	
tert-Butylbenzene	EPA 8260	1.55	RSL	mg/kg	<0.00095	0.0011 UJ	0.0011 UJ	0.0011 UJ	0.0015 UJ	0.0013 UJ	<0.0010	<0.0012	
General Chemistry	Phosphorus (total)	EPA 6010	0.00148	RSL	mg/kg	--	--	--	--	--	--	--	--

**Notes:**

ft bgs: feet below ground surface  
 FD: Field Duplicate  
 Above Screening Level

**Sources:**

NDEP, 2015. User's Guide and Background Technical Document for NDEP Basic Comparison Levels (BCLs) for Human Health for the BMI Complex and Common Areas. Revision 13, February.

**TABLE A-3a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 4**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-32							
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs
						RISB-32-0.5-20141120	RISB-32-5.0-20141120	RISB-32-10.0-20141120	RISB-32-15.0-20141120	RISB-32-20.0-20141120	RISB-32-20.0-20141120-FD	RISB-32-25.0-20141120	RISB-32-30-20141120

**bold value:** detection

USEPA, 2015. Regional Screening Levels (RSL) for Chemical Contaminants at Superfund Sites. June.

Soil screening levels were selected according to the following hierarchy of criteria:

1. Basic Comparison Level (BCL): Leaching-based basic comparison levels (LBCL) with dilution attenuation factor (DAF) of 1 in the most recent version of Nevada Division of Environmental Protection (NDEP) documents (February 2015).
2. Regional Screening Level (RSL): United States Environmental Protection Agency (USEPA) Regional Screening Levels (RSL) for groundwater protection (June 2015), with the maximum contaminant level (MCL) based screening levels selected over the risk-based screening levels, if available (USEPA 2015)
3. Calculated Criteria (CAL): Generic leaching-based BCLs (LBCLs) calculated using the approach presented in NDEP guidance (NDEP 2015).

**TABLE A-3a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 4**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-33							
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs
						RISB-33-0.5-20141119	RISB-33-5.0-20141119	RISB-33-5.0-20141119-FD	RISB-33-10.0-20141119	RISB-33-15.0-20141119	RISB-33-20.0-20141119	RISB-33-25.0-20141119	RISB-33-30.0-20141119
Chlorates	Chlorate	EPA 300.1	1.03	BCL	mg/kg	<0.052	1.1 J	2.0 J	6.0	4.1	0.75	0.73	0.20 J
	Perchlorate	EPA 314.0	0.0185	BCL	mg/kg	0.12	4.7	6.0	7.9	4.6	1.8 J	1.9	1.1
Common Metals	Aluminum	EPA 6010	75	BCL	mg/kg	9,100	11,000	11,000	8,900	9,400	8,000	8,800	6,100
	Antimony	EPA 6020	0.3	BCL	mg/kg	0.52 UJ	0.55 UJ	0.55 UJ	0.53 UJ	0.54 UJ	0.54 UJ	0.52 UJ	0.53 UJ
	Arsenic	EPA 6020	1	BCL	mg/kg	2.9	2.8	3.2	4.2	4.1	5.2	2.5	8.2
	Barium	EPA 6010	82	BCL	mg/kg	150	180	180	170	160	110	200	130 J
	Boron	EPA 6010	21.4	BCL	mg/kg	5.4	9.9	10	6.2	4.8 J	4.3 J	6.7	5.1 J
	Cadmium	EPA 6010	0.4	BCL	mg/kg	<0.26	<0.27	<0.28	<0.27	<0.27	<0.27	<0.26	<0.26
	Chromium (total)	EPA 6010	180,000	RSL	mg/kg	11	13	13	13	14	11	11	13
	Cobalt	EPA 6010	0.453	BCL	mg/kg	6.6	6.6	6.5	6.6	6.0	6.0	7.1	4.3
	Copper	EPA 6010	45.8	BCL	mg/kg	17	18	17	17	16	17	17	12
	Iron	EPA 6010	7.56	BCL	mg/kg	13,000	14,000	14,000	14,000	14,000	12,000	13,000	9,200
	Lead	EPA 6010	13.5	RSL	mg/kg	8.8	7.7	8.2	7.8	7.1	6.8	9.1	5.4
	Magnesium	EPA 6010	889	BCL	mg/kg	9,200	10,000	10,000	8,800	11,000	9,100	8,500	6,900
	Manganese	EPA 6010	1.3	BCL	mg/kg	390	300	300	350	290	260	510	310
	Mercury	EPA 7471	0.104	BCL	mg/kg	0.072	0.17	0.12	0.066	0.042 J	0.11	0.042	0.061
	Molybdenum	EPA 6010	3.37	BCL	mg/kg	<1.0	<1.1	<1.1	<1.1	<1.1	<1.1	<1.0	1.2 J
	Nickel	EPA 6010	7	BCL	mg/kg	14	15	14	14	13	13	14	11
	Selenium	EPA 6020	0.3	BCL	mg/kg	<0.52	<0.55	<0.55	<0.53	<0.54	<0.54	<0.52	<0.53
	Silver	EPA 6010	0.85	BCL	mg/kg	<0.78	<0.82	<0.83	<0.80	<0.81	<0.81	<0.78	<0.79
Thallium	EPA 6020	0.4	BCL	mg/kg	<0.26	<0.27	<0.28	<0.27	<0.27	<0.27	<0.26	<0.26	
Zinc	EPA 6010	620	BCL	mg/kg	30	31	30	32	28	27	29	22	
VOCs	Acetone	EPA 8260	0.8	BCL	mg/kg	0.0082 UJ	0.0084 UJ	0.0083 UJ	0.0081 UJ	0.0087 UJ	0.0086 UJ	0.0080 UJ	0.027
	t-Amyl methyl ether	EPA 8260			mg/kg	<0.0010	<0.0010	<0.0010	0.0010 UJ	<0.0011	<0.0011	<0.0010	<0.0010
	Benzene	EPA 8260	0.002	BCL	mg/kg	<0.00051	<0.00052	<0.00052	<0.00051	<0.00054	<0.00054	<0.00050	<0.00052
	Bromobenzene	EPA 8260	0.0421	RSL	mg/kg	<0.0010	<0.0010	<0.0010	<0.0010	<0.0011	<0.0011	<0.0010	<0.0010
	Bromochloromethane	EPA 8260			mg/kg	<0.0010	<0.0010	<0.0010	<0.0010	<0.0011	<0.0011	<0.0010	<0.0010
	Bromodichloromethane	EPA 8260	0.03	BCL	mg/kg	<0.00051	<0.00052	<0.00052	<0.00051	<0.00054	<0.00054	<0.00050	<0.00052
	Bromoform	EPA 8260	0.04	BCL	mg/kg	0.0010 UJ	0.0010 UJ	0.0010 UJ	0.0010 UJ	0.0011 UJ	0.0011 UJ	0.0010 UJ	<0.0010
	Bromomethane	EPA 8260	0.01	BCL	mg/kg	0.0010 UJ	0.0010 UJ	0.0010 UJ	0.0010 UJ	0.0011 UJ	0.0011 UJ	0.0010 UJ	<0.0010
	2-Butanone	EPA 8260	1.16	RSL	mg/kg	<0.0051	<0.0052	<0.0052	<0.0051	<0.0054	<0.0054	<0.0050	<0.0052
	n-Butylbenzene	EPA 8260	3.23	RSL	mg/kg	<0.0010	<0.0010	<0.0010	<0.0010	<0.0011	<0.0011	<0.0010	<0.0010
	sec-Butylbenzene	EPA 8260	5.87	RSL	mg/kg	<0.0010	<0.0010	<0.0010	<0.0010	<0.0011	<0.0011	<0.0010	<0.0010
	Carbon tetrachloride	EPA 8260	0.003	BCL	mg/kg	0.00051 UJ	0.00052 UJ	0.00052 UJ	0.00051 UJ	0.00054 UJ	0.00054 UJ	0.00050 UJ	<0.00052
	Chlorobenzene	EPA 8260	0.07	BCL	mg/kg	<0.00051	<0.00052	<0.00052	<0.00051	<0.00054	<0.00054	<0.00050	<0.00052
	Chloroethane	EPA 8260	5.92	RSL	mg/kg	0.0010 UJ	0.0010 UJ	0.0010 UJ	0.0010 UJ	0.0011 UJ	0.0011 UJ	0.0010 UJ	<0.0010
	Chloroform	EPA 8260	0.03	BCL	mg/kg	<0.00051	<0.00052	<0.00052	<0.00051	<0.00054	<0.00054	<0.00050	<0.00052
	Chloromethane	EPA 8260	0.0486	RSL	mg/kg	<0.0010	<0.0010	<0.0010	<0.0010	<0.0011	<0.0011	<0.0010	<0.0010
	2-Chlorotoluene	EPA 8260	0.231	RSL	mg/kg	<0.0010	<0.0010	<0.0010	<0.0010	<0.0011	<0.0011	<0.0010	<0.0010
	4-Chlorotoluene	EPA 8260	0.241	RSL	mg/kg	<0.0010	<0.0010	<0.0010	<0.0010	<0.0011	<0.0011	<0.0010	<0.0010
	Cumene	EPA 8260	0.738	RSL	mg/kg	<0.00051	<0.00052	<0.00052	<0.00051	<0.00054	<0.00054	<0.00050	<0.00052
	p-Cymene	EPA 8260	3.91	CAL	mg/kg	<0.00051	<0.00052	<0.00052	<0.00051	<0.00054	<0.00054	<0.00050	<0.00052
	Dibromochloromethane	EPA 8260	0.02	BCL	mg/kg	<0.00051	<0.00052	<0.00052	<0.00051	<0.00054	<0.00054	<0.00050	<0.00052
	1,2-Dibromoethane	EPA 8260	0.0000141	RSL	mg/kg	<0.00051	<0.00052	<0.00052	<0.00051	<0.00054	<0.00054	<0.00050	<0.00052
	Dibromomethane	EPA 8260	0.00197	RSL	mg/kg	<0.00051	<0.00052	<0.00052	<0.00051	<0.00054	<0.00054	<0.00050	<0.00052
	1,2-Dichlorobenzene	EPA 8260	0.9	BCL	mg/kg	<0.00051	<0.00052	<0.00052	<0.00051	<0.00054	<0.00054	<0.00050	<0.00052
	1,3-Dichlorobenzene	EPA 8260	0.0473	CAL	mg/kg	<0.00051	<0.00052	<0.00052	<0.00051	<0.00054	<0.00054	<0.00050	<0.00052
	1,4-Dichlorobenzene	EPA 8260	0.1	BCL	mg/kg	<0.00051	<0.00052	<0.00052	<0.00051	<0.00054	<0.00054	<0.00050	<0.00052
	Dichlorodifluoromethane	EPA 8260	0.304	RSL	mg/kg	0.0010 UJ	0.0010 UJ	0.0010 UJ	0.0010 UJ	0.0011 UJ	0.0011 UJ	0.0010 UJ	0.0010 UJ

**TABLE A-3a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 4**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-33							
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs
						RISB-33-0.5-20141119	RISB-33-5.0-20141119	RISB-33-5.0-20141119-FD	RISB-33-10.0-20141119	RISB-33-15.0-20141119	RISB-33-20.0-20141119	RISB-33-25.0-20141119	RISB-33-30.0-20141119
VOCs	1,1-Dichloroethane	EPA 8260	1	BCL	mg/kg	<0.00051	<0.00052	<0.00052	<0.00051	<0.00054	<0.00054	<0.00050	<0.00052
	1,2-Dichloroethane	EPA 8260	0.001	BCL	mg/kg	<0.00051	<0.00052	<0.00052	<0.00051	<0.00054	<0.00054	<0.00050	<0.00052
	1,1-Dichloroethene	EPA 8260	0.003	BCL	mg/kg	<0.00051	<0.00052	<0.00052	<0.00051	<0.00054	<0.00054	<0.00050	<0.00052
	cis-1,2-Dichloroethene	EPA 8260	0.02	BCL	mg/kg	<0.00051	<0.00052	<0.00052	<0.00051	<0.00054	<0.00054	<0.00050	<0.00052
	trans-1,2-Dichloroethene	EPA 8260	0.03	BCL	mg/kg	<0.00051	<0.00052	<0.00052	<0.00051	<0.00054	<0.00054	<0.00050	<0.00052
	1,2-Dichloropropane	EPA 8260	0.001	BCL	mg/kg	<0.00051	<0.00052	<0.00052	<0.00051	<0.00054	<0.00054	<0.00050	<0.00052
	1,3-Dichloropropane	EPA 8260	0.001	BCL	mg/kg	<0.00051	<0.00052	<0.00052	<0.00051	<0.00054	<0.00054	<0.00050	<0.00052
	2,2-Dichloropropane	EPA 8260			mg/kg	0.0010 UJ	0.0010 UJ	0.0010 UJ	0.0010 UJ	0.0011 UJ	0.0011 UJ	0.0010 UJ	<0.0010
	1,1-Dichloropropene	EPA 8260			mg/kg	<0.00051	<0.00052	<0.00052	<0.00051	<0.00054	<0.00054	<0.00050	<0.00052
	cis-1,3-Dichloropropene	EPA 8260			mg/kg	<0.00051	<0.00052	<0.00052	<0.00051	<0.00054	<0.00054	<0.00050	<0.00052
	trans-1,3-Dichloropropene	EPA 8260			mg/kg	0.00051 UJ	0.00052 UJ	0.00052 UJ	0.00051 UJ	0.00054 UJ	0.00054 UJ	0.00050 UJ	<0.00052
	Diisopropyl ether	EPA 8260			mg/kg	<0.0010	<0.0010	<0.0010	<0.0010	<0.0011	<0.0011	<0.0010	<0.0010
	Ethyl benzene	EPA 8260	0.7	BCL	mg/kg	<0.00051	<0.00052	<0.00052	<0.00051	<0.00054	<0.00054	<0.00050	<0.00052
	Ethyl tert-butyl ether	EPA 8260			mg/kg	<0.0010	<0.0010	<0.0010	0.0010 UJ	<0.0011	<0.0011	<0.0010	<0.0010
	Hexachlorobutadiene	EPA 8260	0.1	BCL	mg/kg	<0.0010	<0.0010	<0.0010	<0.0010	<0.0011	<0.0011	<0.0010	<0.0010
	2-Hexanone	EPA 8260			mg/kg	<0.0051	<0.0052	<0.0052	<0.0051	<0.0054	<0.0054	<0.0050	<0.0052
	Methyl tert-butyl ether	EPA 8260			mg/kg	<0.0010	<0.0010	<0.0010	<0.0010	<0.0011	<0.0011	<0.0010	<0.0010
	Methylene chloride	EPA 8260	0.001	BCL	mg/kg	<0.0051	<0.0052	<0.0052	<0.0051	<0.0054	<0.0054	<0.0050	<0.0052
	Naphthalene	EPA 8260	4	BCL	mg/kg	<0.0010	<0.0010	<0.0010	<0.0010	<0.0011	<0.0011	<0.0010	<0.0010
	n-Propylbenzene	EPA 8260	1.22	RSL	mg/kg	<0.00051	<0.00052	<0.00052	<0.00051	<0.00054	<0.00054	<0.00050	<0.00052
	Styrene	EPA 8260	0.2	BCL	mg/kg	<0.00051	<0.00052	<0.00052	<0.00051	<0.00054	<0.00054	<0.00050	<0.00052
	1,1,1,2-Tetrachloroethane	EPA 8260	0.000218	RSL	mg/kg	<0.0010	<0.0010	<0.0010	<0.0010	<0.0011	<0.0011	<0.0010	<0.0010
	1,1,2,2-Tetrachloroethane	EPA 8260	0.0002	BCL	mg/kg	<0.0010	<0.0010	<0.0010	<0.0010	<0.0011	<0.0011	<0.0010	<0.0010
	Tetrachloroethene	EPA 8260	0.003	BCL	mg/kg	<0.00051	<0.00052	<0.00052	<0.00051	<0.00054	<0.00054	<0.00050	<0.00052
	Toluene	EPA 8260	0.6	BCL	mg/kg	<0.00051	<0.00052	<0.00052	<0.00051	<0.00054	<0.00054	<0.00050	<0.00052
	1,2,3-Trichlorobenzene	EPA 8260	0.0209	RSL	mg/kg	<0.0010	<0.0010	<0.0010	<0.0010	<0.0011	<0.0011	<0.0010	<0.0010
	1,2,4-Trichlorobenzene	EPA 8260	0.3	BCL	mg/kg	<0.0010	<0.0010	<0.0010	<0.0010	<0.0011	<0.0011	<0.0010	<0.0010
	1,1,1-Trichloroethane	EPA 8260	0.1	BCL	mg/kg	0.00051 UJ	0.00052 UJ	0.00052 UJ	0.00051 UJ	0.00054 UJ	0.00054 UJ	0.00050 UJ	<0.00052
	1,1,2-Trichloroethane	EPA 8260	0.0009	BCL	mg/kg	<0.00051	<0.00052	<0.00052	<0.00051	<0.00054	<0.00054	<0.00050	<0.00052
	Trichloroethene	EPA 8260	0.003	BCL	mg/kg	<0.00051	<0.00052	<0.00052	<0.00051	<0.00054	<0.00054	<0.00050	<0.00052
	Trichlorofluoromethane	EPA 8260	0.731	RSL	mg/kg	0.0010 UJ	0.0010 UJ	0.0010 UJ	0.0010 UJ	0.0011 UJ	0.0011 UJ	0.0010 UJ	<0.0010
	1,2,3-Trichloropropane	EPA 8260	0.00000323	RSL	mg/kg	<0.0010	<0.0010	<0.0010	<0.0010	<0.0011	<0.0011	<0.0010	<0.0010
1,2,4-Trimethylbenzene	EPA 8260	0.0212	RSL	mg/kg	<0.0010	<0.0010	<0.0010	<0.0010	<0.0011	<0.0011	<0.0010	<0.0010	
1,3,5-Trimethylbenzene	EPA 8260	0.167	RSL	mg/kg	<0.0010	<0.0010	<0.0010	<0.0010	<0.0011	<0.0011	<0.0010	<0.0010	
Vinyl chloride	EPA 8260	0.0007	BCL	mg/kg	<0.0010	<0.0010	<0.0010	<0.0010	<0.0011	<0.0011	<0.0010	<0.0010	
m,p-Xylene	EPA 8260			mg/kg	<0.0010	<0.0010	<0.0010	<0.0010	<0.0011	<0.0011	<0.0010	<0.0010	
o-Xylene	EPA 8260	9	BCL	mg/kg	<0.00051	<0.00052	<0.00052	<0.00051	<0.00054	<0.00054	<0.00050	<0.00052	
1,2-Dibromo-3-chloropropane	EPA 8260	0.0000864	RSL	mg/kg	<0.0020	<0.0021	<0.0021	<0.0020	<0.0022	<0.0022	<0.0020	<0.0021	
4-Methyl-2-pentanone	EPA 8260			mg/kg	<0.0025	<0.0026	<0.0026	<0.0025	<0.0027	<0.0027	<0.0025	<0.0026	
tert Butyl alcohol	EPA 8260			mg/kg	<0.010	<0.010	<0.010	<0.010	<0.011	<0.011	<0.010	<0.010	
tert-Butylbenzene	EPA 8260	1.55	RSL	mg/kg	<0.0010	<0.0010	<0.0010	<0.0010	<0.0011	<0.0011	<0.0010	<0.0010	
General Chemistry	Phosphorus (total)	EPA 6010	0.00148	RSL	mg/kg	--	--	--	--	--	--	--	--

**Notes:**

ft bgs: feet below ground surface  
 FD: Field Duplicate  
 Above Screening Level

**Sources:**

NDEP, 2015. User's Guide and Background Technical Document for NDEP Basic Comparison Levels (BCLs) for Human Health for the BMI Complex and Common Areas. Revision 13, February.



**TABLE A-3a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 4**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-33							
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs
						RISB-33-0.5-20141119	RISB-33-5.0-20141119	RISB-33-5.0-20141119-FD	RISB-33-10.0-20141119	RISB-33-15.0-20141119	RISB-33-20.0-20141119	RISB-33-25.0-20141119	RISB-33-30.0-20141119

**bold value:** detection

USEPA, 2015. Regional Screening Levels (RSL) for Chemical Contaminants at Superfund Sites. June.

Soil screening levels were selected according to the following hierarchy of criteria:

1. Basic Comparison Level (BCL): Leaching-based basic comparison levels (LBCL) with dilution attenuation factor (DAF) of 1 in the most recent version of Nevada Division of Environmental Protection (NDEP) documents (February 2015).
2. Regional Screening Level (RSL): United States Environmental Protection Agency (USEPA) Regional Screening Levels (RSL) for groundwater protection (June 2015), with the maximum contaminant level (MCL) based screening levels selected over the risk-based screening levels, if available (USEPA 2015)
3. Calculated Criteria (CAL): Generic leaching-based BCLs (LBCLs) calculated using the approach presented in NDEP guidance (NDEP 2015).

**TABLE A-3a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 4**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-34						
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs
						RISB-34-0.5-20141119	RISB-34-5.0-20141119	RISB-34-10.0-20141119	RISB-34-15.0-20141119	RISB-34-20.0-20141120	RISB-34-25.0-20141120	RISB-34-30.0-20141120
Chlorates	Chlorate	EPA 300.1	1.03	BCL	mg/kg	0.21	0.48	7.1	6.0	2.8	0.69	18
	Perchlorate	EPA 314.0	0.0185	BCL	mg/kg	2.6	3.9	40	7.2	5.9	1.3	6.7
Common Metals	Aluminum	EPA 6010	75	BCL	mg/kg	9,300	8,500	9,300	8,900	9,400	7,500	6,400
	Antimony	EPA 6020	0.3	BCL	mg/kg	0.51 UJ	0.52 UJ	0.54 UJ	0.54 UJ	0.54 UJ	0.54 UJ	0.55 UJ
	Arsenic	EPA 6020	1	BCL	mg/kg	2.4	2.4	4.0	4.1	4.3	6.4	8.8
	Barium	EPA 6010	82	BCL	mg/kg	190 J	150 J	170 J	150 J	120	120	110
	Boron	EPA 6010	21.4	BCL	mg/kg	3.9 J	3.6 J	6.4	4.7 J	2.7 J	4.3 J	5.6
	Cadmium	EPA 6010	0.4	BCL	mg/kg	<0.26	<0.26	<0.27	<0.27	<0.27	<0.27	<0.27
	Chromium (total)	EPA 6010	180,000	RSL	mg/kg	10	8.9	11	11	13	11	12
	Cobalt	EPA 6010	0.453	BCL	mg/kg	7.8	7.3	7.1	7.0	6.4	6.5	4.7
	Copper	EPA 6010	45.8	BCL	mg/kg	17	16	16	16	21	16	14
	Iron	EPA 6010	7.56	BCL	mg/kg	13,000	13,000	13,000	14,000	14,000	13,000	11,000
	Lead	EPA 6010	13.5	RSL	mg/kg	10	6.7	7.0	7.3	7.7	6.7	6.4
	Magnesium	EPA 6010	889	BCL	mg/kg	9,000	8,700	9,700	9,800	9,000	7,800	8,500
	Manganese	EPA 6010	1.3	BCL	mg/kg	600	330	310	310	270	280	190
	Mercury	EPA 7471	0.104	BCL	mg/kg	0.063	0.020 J	0.11	0.027 J	0.014 J	0.057	<0.013
	Molybdenum	EPA 6010	3.37	BCL	mg/kg	<1.0	<1.0	<1.1	<1.1	<1.1	<1.1	1.3 J
	Nickel	EPA 6010	7	BCL	mg/kg	14	14	13	14	13	13	11
	Selenium	EPA 6020	0.3	BCL	mg/kg	<0.51	<0.52	<0.54	<0.54	<0.54	<0.54	<0.55
Silver	EPA 6010	0.85	BCL	mg/kg	<0.77	<0.79	<0.81	<0.82	<0.81	<0.80	<0.82	
Thallium	EPA 6020	0.4	BCL	mg/kg	<0.26	<0.26	<0.27	<0.27	<0.27	<0.27	<0.27	
Zinc	EPA 6010	620	BCL	mg/kg	34	30	32	31	30	28	22	
VOCs	Acetone	EPA 8260	0.8	BCL	mg/kg	<0.0081	<0.0080	0.019 J	<0.0089	<0.0086	<0.010	<0.0092
	t-Amyl methyl ether	EPA 8260			mg/kg	0.0010 UJ	0.0010 UJ	0.0015 UJ	0.0011 UJ	<0.0011	<0.0013	<0.0011
	Benzene	EPA 8260	0.002	BCL	mg/kg	<0.00050	<0.00050	<0.00076	<0.00056	<0.00054	<0.00063	<0.00057
	Bromobenzene	EPA 8260	0.0421	RSL	mg/kg	<0.0010	<0.0010	<0.0015	<0.0011	<0.0011	<0.0013	<0.0011
	Bromochloromethane	EPA 8260			mg/kg	<0.0010	<0.0010	<0.0015	<0.0011	<0.0011	<0.0013	<0.0011
	Bromodichloromethane	EPA 8260	0.03	BCL	mg/kg	<0.00050	<0.00050	<0.00076	<0.00056	<0.00054	<0.00063	<0.00057
	Bromoform	EPA 8260	0.04	BCL	mg/kg	0.0010 UJ	0.0010 UJ	0.0015 UJ	0.0011 UJ	0.0011 UJ	0.0013 UJ	0.0011 UJ
	Bromomethane	EPA 8260	0.01	BCL	mg/kg	<0.0010	<0.0010	<0.0015	<0.0011	<0.0011	<0.0013	<0.0011
	2-Butanone	EPA 8260	1.16	RSL	mg/kg	<0.0050	<0.0050	<0.0076	<0.0056	<0.0054	<0.0063	<0.0057
	n-Butylbenzene	EPA 8260	3.23	RSL	mg/kg	<0.0010	<0.0010	<0.0015	<0.0011	<0.0011	<0.0013	<0.0011
	sec-Butylbenzene	EPA 8260	5.87	RSL	mg/kg	<0.0010	<0.0010	<0.0015	<0.0011	<0.0011	<0.0013	<0.0011
	Carbon tetrachloride	EPA 8260	0.003	BCL	mg/kg	0.00050 UJ	0.00050 UJ	0.00076 UJ	0.00056 UJ	0.00054 UJ	0.00063 UJ	0.00057 UJ
	Chlorobenzene	EPA 8260	0.07	BCL	mg/kg	<0.00050	<0.00050	<0.00076	<0.00056	<0.00054	<0.00063	<0.00057
	Chloroethane	EPA 8260	5.92	RSL	mg/kg	<0.0010	<0.0010	<0.0015	<0.0011	<0.0011	<0.0013	<0.0011
	Chloroform	EPA 8260	0.03	BCL	mg/kg	<0.00050	<0.00050	<0.00076	<0.00056	0.00058 J	0.0012 J	0.0017
	Chloromethane	EPA 8260	0.0486	RSL	mg/kg	<0.0010	<0.0010	<0.0015	<0.0011	<0.0011	<0.0013	<0.0011
	2-Chlorotoluene	EPA 8260	0.231	RSL	mg/kg	<0.0010	<0.0010	<0.0015	<0.0011	<0.0011	<0.0013	<0.0011
	4-Chlorotoluene	EPA 8260	0.241	RSL	mg/kg	<0.0010	<0.0010	<0.0015	<0.0011	<0.0011	<0.0013	<0.0011
	Cumene	EPA 8260	0.738	RSL	mg/kg	<0.00050	<0.00050	<0.00076	<0.00056	<0.00054	<0.00063	<0.00057
	p-Cymene	EPA 8260	3.91	CAL	mg/kg	<0.00050	<0.00050	<0.00076	<0.00056	<0.00054	<0.00063	<0.00057
	Dibromochloromethane	EPA 8260	0.02	BCL	mg/kg	<0.00050	<0.00050	<0.00076	<0.00056	<0.00054	<0.00063	<0.00057
	1,2-Dibromoethane	EPA 8260	0.0000141	RSL	mg/kg	<0.00050	<0.00050	<0.00076	<0.00056	<0.00054	<0.00063	<0.00057
	Dibromomethane	EPA 8260	0.00197	RSL	mg/kg	<0.00050	<0.00050	<0.00076	<0.00056	<0.00054	<0.00063	<0.00057
	1,2-Dichlorobenzene	EPA 8260	0.9	BCL	mg/kg	<0.00050	<0.00050	<0.00076	<0.00056	<0.00054	<0.00063	<0.00057
	1,3-Dichlorobenzene	EPA 8260	0.0473	CAL	mg/kg	<0.00050	<0.00050	<0.00076	<0.00056	<0.00054	<0.00063	<0.00057
	1,4-Dichlorobenzene	EPA 8260	0.1	BCL	mg/kg	<0.00050	<0.00050	<0.00076	<0.00056	<0.00054	<0.00063	<0.00057
	Dichlorodifluoromethane	EPA 8260	0.304	RSL	mg/kg	0.0010 UJ	0.0010 UJ	0.0015 UJ	0.0011 UJ	0.0011 UJ	0.0013 UJ	0.0011 UJ

**TABLE A-3a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 4**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-34						
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs
						RISB-34-0.5-20141119	RISB-34-5.0-20141119	RISB-34-10.0-20141119	RISB-34-15.0-20141119	RISB-34-20.0-20141120	RISB-34-25.0-20141120	RISB-34-30.0-20141120
VOCs	1,1-Dichloroethane	EPA 8260	1	BCL	mg/kg	<0.00050	<0.00050	<0.00076	<0.00056	<0.00054	<0.00063	<0.00057
	1,2-Dichloroethane	EPA 8260	0.001	BCL	mg/kg	<0.00050	<0.00050	<0.00076	<0.00056	<0.00054	<0.00063	<0.00057
	1,1-Dichloroethene	EPA 8260	0.003	BCL	mg/kg	<0.00050	<0.00050	<0.00076	<0.00056	<0.00054	<0.00063	<0.00057
	cis-1,2-Dichloroethene	EPA 8260	0.02	BCL	mg/kg	<0.00050	<0.00050	<0.00076	<0.00056	<0.00054	<0.00063	<0.00057
	trans-1,2-Dichloroethene	EPA 8260	0.03	BCL	mg/kg	<0.00050	<0.00050	<0.00076	<0.00056	<0.00054	<0.00063	<0.00057
	1,2-Dichloropropane	EPA 8260	0.001	BCL	mg/kg	<0.00050	<0.00050	<0.00076	<0.00056	<0.00054	<0.00063	<0.00057
	1,3-Dichloropropane	EPA 8260	0.001	BCL	mg/kg	<0.00050	<0.00050	<0.00076	<0.00056	<0.00054	<0.00063	<0.00057
	2,2-Dichloropropane	EPA 8260			mg/kg	0.0010 UJ	0.0010 UJ	0.0015 UJ	0.0011 UJ	0.0011 UJ	0.0013 UJ	0.0011 UJ
	1,1-Dichloropropene	EPA 8260			mg/kg	<0.00050	<0.00050	<0.00076	<0.00056	<0.00054	<0.00063	<0.00057
	cis-1,3-Dichloropropene	EPA 8260			mg/kg	<0.00050	<0.00050	<0.00076	<0.00056	<0.00054	<0.00063	<0.00057
	trans-1,3-Dichloropropene	EPA 8260			mg/kg	<0.00050	<0.00050	<0.00076	<0.00056	<0.00054	<0.00063	<0.00057
	Diisopropyl ether	EPA 8260			mg/kg	<0.0010	<0.0010	<0.0015	<0.0011	<0.0011	<0.0013	<0.0011
	Ethyl benzene	EPA 8260	0.7	BCL	mg/kg	<0.00050	<0.00050	<0.00076	<0.00056	<0.00054	<0.00063	<0.00057
	Ethyl tert-butyl ether	EPA 8260			mg/kg	0.0010 UJ	0.0010 UJ	0.0015 UJ	0.0011 UJ	<0.0011	<0.0013	<0.0011
	Hexachlorobutadiene	EPA 8260	0.1	BCL	mg/kg	<0.0010	<0.0010	<0.0015	<0.0011	<0.0011	<0.0013	<0.0011
	2-Hexanone	EPA 8260			mg/kg	<0.0050	<0.0050	<0.0076	<0.0056	<0.0054	<0.0063	<0.0057
	Methyl tert-butyl ether	EPA 8260			mg/kg	<0.0010	<0.0010	<0.0015	<0.0011	<0.0011	<0.0013	<0.0011
	Methylene chloride	EPA 8260	0.001	BCL	mg/kg	<0.0050	<0.0050	<0.0076	<0.0056	<0.0054	<0.0063	<0.0057
	Naphthalene	EPA 8260	4	BCL	mg/kg	<0.0010	<0.0010	<0.0015	<0.0011	<0.0011	<0.0013	<0.0011
	n-Propylbenzene	EPA 8260	1.22	RSL	mg/kg	<0.00050	<0.00050	<0.00076	<0.00056	<0.00054	<0.00063	<0.00057
	Styrene	EPA 8260	0.2	BCL	mg/kg	<0.00050	<0.00050	<0.00076	<0.00056	<0.00054	<0.00063	<0.00057
	1,1,1,2-Tetrachloroethane	EPA 8260	0.000218	RSL	mg/kg	<0.0010	<0.0010	<0.0015	<0.0011	<0.0011	<0.0013	<0.0011
	1,1,2,2-Tetrachloroethane	EPA 8260	0.0002	BCL	mg/kg	<0.0010	<0.0010	<0.0015	<0.0011	<0.0011	<0.0013	<0.0011
	Tetrachloroethene	EPA 8260	0.003	BCL	mg/kg	<0.00050	<0.00050	<0.00076	<0.00056	<0.00054	<0.00063	<0.00057
	Toluene	EPA 8260	0.6	BCL	mg/kg	<0.00050	<0.00050	<0.00076	<0.00056	<0.00054	<0.00063	<0.00057
	1,2,3-Trichlorobenzene	EPA 8260	0.0209	RSL	mg/kg	<0.0010	<0.0010	<0.0015	<0.0011	<0.0011	<0.0013	<0.0011
	1,2,4-Trichlorobenzene	EPA 8260	0.3	BCL	mg/kg	<0.0010	<0.0010	<0.0015	<0.0011	<0.0011	<0.0013	<0.0011
	1,1,1-Trichloroethane	EPA 8260	0.1	BCL	mg/kg	0.00050 UJ	0.00050 UJ	0.00076 UJ	0.00056 UJ	<0.00054	<0.00063	<0.00057
	1,1,2-Trichloroethane	EPA 8260	0.0009	BCL	mg/kg	<0.00050	<0.00050	<0.00076	<0.00056	<0.00054	<0.00063	<0.00057
	Trichloroethene	EPA 8260	0.003	BCL	mg/kg	<0.00050	<0.00050	<0.00076	<0.00056	<0.00054	<0.00063	<0.00057
	Trichlorofluoromethane	EPA 8260	0.731	RSL	mg/kg	<0.0010	<0.0010	<0.0015	<0.0011	<0.0011	<0.0013	<0.0011
	1,2,3-Trichloropropane	EPA 8260	0.00000323	RSL	mg/kg	<0.0010	<0.0010	<0.0015	<0.0011	<0.0011	<0.0013	<0.0011
1,2,4-Trimethylbenzene	EPA 8260	0.0212	RSL	mg/kg	<0.0010	<0.0010	<0.0015	<0.0011	<0.0011	<0.0013	<0.0011	
1,3,5-Trimethylbenzene	EPA 8260	0.167	RSL	mg/kg	<0.0010	<0.0010	<0.0015	<0.0011	<0.0011	<0.0013	<0.0011	
Vinyl chloride	EPA 8260	0.0007	BCL	mg/kg	<0.0010	<0.0010	<0.0015	<0.0011	<0.0011	<0.0013	<0.0011	
m,p-Xylene	EPA 8260			mg/kg	<0.0010	<0.0010	<0.0015	<0.0011	<0.0011	<0.0013	<0.0011	
o-Xylene	EPA 8260	9	BCL	mg/kg	<0.00050	<0.00050	<0.00076	<0.00056	<0.00054	<0.00063	<0.00057	
1,2-Dibromo-3-chloropropane	EPA 8260	0.0000864	RSL	mg/kg	<0.0020	<0.0020	<0.0031	<0.0022	<0.0021	<0.0025	<0.0023	
4-Methyl-2-pentanone	EPA 8260			mg/kg	<0.0025	<0.0025	<0.0038	<0.0028	<0.0027	<0.0031	<0.0029	
tert Butyl alcohol	EPA 8260			mg/kg	<0.010	<0.010	<0.015	<0.011	<0.011	<0.013	<0.011	
tert-Butylbenzene	EPA 8260	1.55	RSL	mg/kg	<0.0010	<0.0010	<0.0015	<0.0011	<0.0011	<0.0013	<0.0011	
General Chemistry	Phosphorus (total)	EPA 6010	0.00148	RSL	mg/kg	--	--	--	--	970	--	--

**Notes:**

ft bgs: feet below ground surface  
 FD: Field Duplicate  
 Above Screening Level

**Sources:**

NDEP, 2015. User's Guide and Background Technical Document for NDEP Basic Comparison Levels (BCLs) for Human Health for the BMI Complex and Common Areas. Revision 13, February.

**TABLE A-3a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 4**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-34						
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs
						RISB-34-0.5-20141119	RISB-34-5.0-20141119	RISB-34-10.0-20141119	RISB-34-15.0-20141119	RISB-34-20.0-20141120	RISB-34-25.0-20141120	RISB-34-30.0-20141120

**bold value:** detection

USEPA, 2015. Regional Screening Levels (RSL) for Chemical Contaminants at Superfund Sites. June.

Soil screening levels were selected according to the following hierarchy of criteria:

1. Basic Comparison Level (BCL): Leaching-based basic comparison levels (LBCL) with dilution attenuation factor (DAF) of 1 in the most recent version of Nevada Division of Environmental Protection (NDEP) documents (February 2015).
2. Regional Screening Level (RSL): United States Environmental Protection Agency (USEPA) Regional Screening Levels (RSL) for groundwater protection (June 2015), with the maximum contaminant level (MCL) based screening levels selected over the risk-based screening levels, if available (USEPA 2015)
3. Calculated Criteria (CAL): Generic leaching-based BCLs (LBCLs) calculated using the approach presented in NDEP guidance (NDEP 2015).

**TABLE A-3a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 4**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-35							
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	31-31.5 ft bgs
						RISB-35-0.5-20141119	RISB-35-5.0-20141119	RISB-35-10.0-20141119	RISB-35-15.0-20141119	RISB-35-15.0-20141119-FD	RISB-35-20.0-20141119	RISB-35-25.0-20141119	RISB-35-31.0-20141119
Chlorates	Chlorate	EPA 300.1	1.03	BCL	mg/kg	1.1	12	28	2.4	2.5	0.41	2.5	120
	Perchlorate	EPA 314.0	0.0185	BCL	mg/kg	3.9	14	21	4.5	4.6	1.1	5.4	37
Common Metals	Aluminum	EPA 6010	75	BCL	mg/kg	7,100	9,700	9,400	7,400	9,400	8,000	7,600	7,300
	Antimony	EPA 6020	0.3	BCL	mg/kg	0.53 UJ	0.54 UJ	0.54 UJ	0.54 UJ	0.54 UJ	0.53 UJ	0.53 UJ	0.57 UJ
	Arsenic	EPA 6020	1	BCL	mg/kg	5.5	2.9	3.5	4.9	5.2	4.2	6.8	17
	Barium	EPA 6010	82	BCL	mg/kg	120	160	220	150	170 J	93 J	140 J	110 J
	Boron	EPA 6010	21.4	BCL	mg/kg	3.6 J	7.8	6.3	3.8 J	4.4 J	3.9 J	5.2 J	10
	Cadmium	EPA 6010	0.4	BCL	mg/kg	<0.27	<0.27	<0.27	<0.27	<0.27	<0.26	<0.26	<0.28
	Chromium (total)	EPA 6010	180,000	RSL	mg/kg	13	11	14	10	12	11	17	32
	Cobalt	EPA 6010	0.453	BCL	mg/kg	5.1	6.5	6.3	5.7	6.7	5.9	5.8	3.8
	Copper	EPA 6010	45.8	BCL	mg/kg	16	17	18	12	15	17	15	12
	Iron	EPA 6010	7.56	BCL	mg/kg	11,000	14,000	12,000	10,000	14,000	12,000	11,000	9,100
	Lead	EPA 6010	13.5	RSL	mg/kg	7.2	8.1	6.9	6.3	6.9	5.9	6.3	4.6
	Magnesium	EPA 6010	889	BCL	mg/kg	7,400	9,600	9,800	9,000	11,000	8,700	8,100	16,000
	Manganese	EPA 6010	1.3	BCL	mg/kg	360	310	340	280	290	220	290	200
	Mercury	EPA 7471	0.104	BCL	mg/kg	0.043 J	0.063	0.059	0.032 J	0.039 J	0.097	0.034 J	0.068
	Molybdenum	EPA 6010	3.37	BCL	mg/kg	1.8 J	<1.1	1.3 J	<1.1	<1.1	1.1 J	2.6	2.1 J
	Nickel	EPA 6010	7	BCL	mg/kg	11	14	13	11	13	13	14	10
	Selenium	EPA 6020	0.3	BCL	mg/kg	<0.53	<0.54	<0.54	<0.54	<0.54	<0.53	<0.53	<0.57
Silver	EPA 6010	0.85	BCL	mg/kg	<0.80	<0.81	<0.82	<0.81	<0.81	<0.79	<0.79	<0.85	
Thallium	EPA 6020	0.4	BCL	mg/kg	<0.27	<0.27	<0.27	<0.27	<0.27	<0.26	<0.26	<0.28	
Zinc	EPA 6010	620	BCL	mg/kg	24	30	28	22	31	29	26	22	
VOCs	Acetone	EPA 8260	0.8	BCL	mg/kg	0.0082 UJ	0.0087 UJ	0.0084 UJ	<0.0092	0.0085 UJ	<0.0085	<0.0089	<0.0093
	t-Amyl methyl ether	EPA 8260			mg/kg	<0.0010	<0.0011	<0.0011	0.0011 UJ	<0.0011	0.0011 UJ	0.0011 UJ	0.0012 UJ
	Benzene	EPA 8260	0.002	BCL	mg/kg	<0.00051	<0.00055	<0.00053	<0.00057	<0.00053	<0.00053	<0.00055	<0.00058
	Bromobenzene	EPA 8260	0.0421	RSL	mg/kg	<0.0010	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0012
	Bromochloromethane	EPA 8260			mg/kg	<0.0010	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0012
	Bromodichloromethane	EPA 8260	0.03	BCL	mg/kg	<0.00051	<0.00055	<0.00053	<0.00057	<0.00053	<0.00053	<0.00055	<0.00058
	Bromoform	EPA 8260	0.04	BCL	mg/kg	0.0010 UJ	0.0011 UJ	0.0011 UJ	0.0011 UJ	0.0011 UJ	0.0011 UJ	0.0011 UJ	0.0012 UJ
	Bromomethane	EPA 8260	0.01	BCL	mg/kg	0.0010 UJ	0.0011 UJ	0.0011 UJ	<0.0011	0.0011 UJ	<0.0011	<0.0011	<0.0012
	2-Butanone	EPA 8260	1.16	RSL	mg/kg	<0.0051	<0.0055	<0.0053	<0.0057	<0.0053	<0.0053	<0.0055	<0.0058
	n-Butylbenzene	EPA 8260	3.23	RSL	mg/kg	<0.0010	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0012
	sec-Butylbenzene	EPA 8260	5.87	RSL	mg/kg	<0.0010	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0012
	Carbon tetrachloride	EPA 8260	0.003	BCL	mg/kg	0.00051 UJ	0.00055 UJ	0.00053 UJ	0.00057 UJ	0.00053 UJ	0.00053 UJ	0.00055 UJ	0.00058 UJ
	Chlorobenzene	EPA 8260	0.07	BCL	mg/kg	<0.00051	<0.00055	<0.00053	<0.00057	<0.00053	<0.00053	<0.00055	<0.00058
	Chloroethane	EPA 8260	5.92	RSL	mg/kg	0.0010 UJ	0.0011 UJ	0.0011 UJ	<0.0011	0.0011 UJ	<0.0011	<0.0011	<0.0012
	Chloroform	EPA 8260	0.03	BCL	mg/kg	<0.00051	<0.00055	<0.00053	<0.00057	<0.00053	<0.00053	0.0013	0.016
	Chloromethane	EPA 8260	0.0486	RSL	mg/kg	<0.0010	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0012
	2-Chlorotoluene	EPA 8260	0.231	RSL	mg/kg	<0.0010	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0012
	4-Chlorotoluene	EPA 8260	0.241	RSL	mg/kg	<0.0010	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0012
	Cumene	EPA 8260	0.738	RSL	mg/kg	<0.00051	<0.00055	<0.00053	<0.00057	<0.00053	<0.00053	<0.00055	<0.00058
	p-Cymene	EPA 8260	3.91	CAL	mg/kg	<0.00051	<0.00055	<0.00053	<0.00057	<0.00053	<0.00053	<0.00055	<0.00058
	Dibromochloromethane	EPA 8260	0.02	BCL	mg/kg	<0.00051	<0.00055	<0.00053	<0.00057	<0.00053	<0.00053	<0.00055	<0.00058
	1,2-Dibromoethane	EPA 8260	0.0000141	RSL	mg/kg	<0.00051	<0.00055	<0.00053	<0.00057	<0.00053	<0.00053	<0.00055	<0.00058
	Dibromomethane	EPA 8260	0.00197	RSL	mg/kg	<0.00051	<0.00055	<0.00053	<0.00057	<0.00053	<0.00053	<0.00055	<0.00058
1,2-Dichlorobenzene	EPA 8260	0.9	BCL	mg/kg	<0.00051	<0.00055	<0.00053	<0.00057	<0.00053	<0.00053	<0.00055	<0.00058	
1,3-Dichlorobenzene	EPA 8260	0.0473	CAL	mg/kg	<0.00051	<0.00055	<0.00053	<0.00057	<0.00053	<0.00053	<0.00055	0.00060 J	
1,4-Dichlorobenzene	EPA 8260	0.1	BCL	mg/kg	<0.00051	<0.00055	<0.00053	<0.00057	<0.00053	<0.00053	<0.00055	<0.00058	
Dichlorodifluoromethane	EPA 8260	0.304	RSL	mg/kg	0.0010 UJ	0.0011 UJ	0.0011 UJ	0.0011 UJ	0.0011 UJ	0.0011 UJ	0.0011 UJ	0.0012 UJ	

**TABLE A-3a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 4**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-35							
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	31-31.5 ft bgs
						RISB-35-0.5-20141119	RISB-35-5.0-20141119	RISB-35-10.0-20141119	RISB-35-15.0-20141119	RISB-35-15.0-20141119-FD	RISB-35-20.0-20141119	RISB-35-25.0-20141119	RISB-35-31.0-20141119
VOCs	1,1-Dichloroethane	EPA 8260	1	BCL	mg/kg	<0.00051	<0.00055	<0.00053	<0.00057	<0.00053	<0.00053	<0.00055	<0.00058
	1,2-Dichloroethane	EPA 8260	0.001	BCL	mg/kg	<0.00051	<0.00055	<0.00053	<0.00057	<0.00053	<0.00053	<0.00055	<0.00058
	1,1-Dichloroethene	EPA 8260	0.003	BCL	mg/kg	<0.00051	<0.00055	<0.00053	<0.00057	<0.00053	<0.00053	<0.00055	<0.00058
	cis-1,2-Dichloroethene	EPA 8260	0.02	BCL	mg/kg	<0.00051	<0.00055	<0.00053	<0.00057	<0.00053	<0.00053	<0.00055	<0.00058
	trans-1,2-Dichloroethene	EPA 8260	0.03	BCL	mg/kg	<0.00051	<0.00055	<0.00053	<0.00057	<0.00053	<0.00053	<0.00055	<0.00058
	1,2-Dichloropropane	EPA 8260	0.001	BCL	mg/kg	<0.00051	<0.00055	<0.00053	<0.00057	<0.00053	<0.00053	<0.00055	<0.00058
	1,3-Dichloropropane	EPA 8260	0.001	BCL	mg/kg	<0.00051	<0.00055	<0.00053	<0.00057	<0.00053	<0.00053	<0.00055	<0.00058
	2,2-Dichloropropane	EPA 8260			mg/kg	0.0010 UJ	0.0011 UJ	0.0011 UJ	0.0011 UJ	0.0011 UJ	0.0011 UJ	0.0011 UJ	0.0012 UJ
	1,1-Dichloropropene	EPA 8260			mg/kg	<0.00051	<0.00055	<0.00053	<0.00057	<0.00053	<0.00053	<0.00055	<0.00058
	cis-1,3-Dichloropropene	EPA 8260			mg/kg	<0.00051	<0.00055	<0.00053	<0.00057	<0.00053	<0.00053	<0.00055	<0.00058
	trans-1,3-Dichloropropene	EPA 8260			mg/kg	0.00051 UJ	0.00055 UJ	0.00053 UJ	<0.00057	0.00053 UJ	<0.00053	<0.00055	<0.00058
	Diisopropyl ether	EPA 8260			mg/kg	<0.0010	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0012
	Ethyl benzene	EPA 8260	0.7	BCL	mg/kg	<0.00051	<0.00055	<0.00053	<0.00057	<0.00053	<0.00053	<0.00055	<0.00058
	Ethyl tert-butyl ether	EPA 8260			mg/kg	<0.0010	<0.0011	<0.0011	0.0011 UJ	<0.0011	0.0011 UJ	0.0011 UJ	0.0012 UJ
	Hexachlorobutadiene	EPA 8260	0.1	BCL	mg/kg	<0.0010	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<b>0.0025</b>
	2-Hexanone	EPA 8260			mg/kg	<0.0051	<0.0055	<0.0053	<0.0057	<0.0053	<0.0053	<0.0055	<0.0058
	Methyl tert-butyl ether	EPA 8260			mg/kg	<0.0010	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0012
	Methylene chloride	EPA 8260	0.001	BCL	mg/kg	<0.0051	<0.0055	<0.0053	<0.0057	<0.0053	<0.0053	<0.0055	<0.0058
	Naphthalene	EPA 8260	4	BCL	mg/kg	<0.0010	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0012
	n-Propylbenzene	EPA 8260	1.22	RSL	mg/kg	<0.00051	<0.00055	<0.00053	<0.00057	<0.00053	<0.00053	<0.00055	<0.00058
	Styrene	EPA 8260	0.2	BCL	mg/kg	<0.00051	<0.00055	<0.00053	<0.00057	<0.00053	<0.00053	<0.00055	<0.00058
	1,1,1,2-Tetrachloroethane	EPA 8260	0.000218	RSL	mg/kg	<0.0010	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0012
	1,1,1,2,2-Tetrachloroethane	EPA 8260	0.0002	BCL	mg/kg	<0.0010	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0012
	Tetrachloroethene	EPA 8260	0.003	BCL	mg/kg	<0.00051	<0.00055	<0.00053	<0.00057	<0.00053	<0.00053	<0.00055	<b>0.00087 J</b>
	Toluene	EPA 8260	0.6	BCL	mg/kg	<0.00051	<0.00055	<0.00053	<0.00057	<0.00053	<0.00053	<0.00055	<0.00058
	1,2,3-Trichlorobenzene	EPA 8260	0.0209	RSL	mg/kg	<0.0010	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0012
	1,2,4-Trichlorobenzene	EPA 8260	0.3	BCL	mg/kg	<0.0010	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0012
	1,1,1-Trichloroethane	EPA 8260	0.1	BCL	mg/kg	0.00051 UJ	0.00055 UJ	0.00053 UJ	0.00057 UJ	0.00053 UJ	0.00053 UJ	0.00055 UJ	0.00058 UJ
	1,1,2-Trichloroethane	EPA 8260	0.0009	BCL	mg/kg	<0.00051	<0.00055	<0.00053	<0.00057	<0.00053	<0.00053	<0.00055	<0.00058
	Trichloroethene	EPA 8260	0.003	BCL	mg/kg	<0.00051	<0.00055	<0.00053	<0.00057	<0.00053	<0.00053	<0.00055	<0.00058
	Trichlorofluoromethane	EPA 8260	0.731	RSL	mg/kg	0.0010 UJ	0.0011 UJ	0.0011 UJ	<0.0011	0.0011 UJ	<0.0011	<0.0011	<0.0012
	1,2,3-Trichloropropane	EPA 8260	0.00000323	RSL	mg/kg	<0.0010	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0012
1,2,4-Trimethylbenzene	EPA 8260	0.0212	RSL	mg/kg	<0.0010	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0012	
1,3,5-Trimethylbenzene	EPA 8260	0.167	RSL	mg/kg	<0.0010	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0012	
Vinyl chloride	EPA 8260	0.0007	BCL	mg/kg	<0.0010	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0012	
m,p-Xylene	EPA 8260			mg/kg	<0.0010	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0012	
o-Xylene	EPA 8260	9	BCL	mg/kg	<0.00051	<0.00055	<0.00053	<0.00057	<0.00053	<0.00053	<0.00055	<0.00058	
1,2-Dibromo-3-chloropropane	EPA 8260	0.0000864	RSL	mg/kg	<0.0021	<0.0022	<0.0021	<0.0023	<0.0021	<0.0021	<0.0022	<0.0023	
4-Methyl-2-pentanone	EPA 8260			mg/kg	<0.0026	<0.0027	<0.0026	<0.0029	<0.0027	<0.0027	<0.0028	<0.0029	
tert Butyl alcohol	EPA 8260			mg/kg	<0.010	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.012	
tert-Butylbenzene	EPA 8260	1.55	RSL	mg/kg	<0.0010	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0012	
General Chemistry	Phosphorus (total)	EPA 6010	0.00148	RSL	mg/kg	--	--	--	--	--	--	--	--

**Notes:**

ft bgs: feet below ground surface  
 FD: Field Duplicate  
 Above Screening Level

**Sources:**

NDEP, 2015. User's Guide and Background Technical Document for NDEP Basic Comparison Levels (BCLs) for Human Health for the BMI Complex and Common Areas. Revision 13, February.

**TABLE A-3a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 4**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-35							
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	31-31.5 ft bgs
						RISB-35-0.5-20141119	RISB-35-5.0-20141119	RISB-35-10.0-20141119	RISB-35-15.0-20141119	RISB-35-15.0-20141119-FD	RISB-35-20.0-20141119	RISB-35-25.0-20141119	RISB-35-31.0-20141119

**bold value:** detection

USEPA, 2015. Regional Screening Levels (RSL) for Chemical Contaminants at Superfund Sites. June.

Soil screening levels were selected according to the following hierarchy of criteria:

1. Basic Comparison Level (BCL): Leaching-based basic comparison levels (LBCL) with dilution attenuation factor (DAF) of 1 in the most recent version of Nevada Division of Environmental Protection (NDEP) documents (February 2015).
2. Regional Screening Level (RSL): United States Environmental Protection Agency (USEPA) Regional Screening Levels (RSL) for groundwater protection (June 2015), with the maximum contaminant level (MCL) based screening levels selected over the risk-based screening levels, if available (USEPA 2015)
3. Calculated Criteria (CAL): Generic leaching-based BCLs (LBCLs) calculated using the approach presented in NDEP guidance (NDEP 2015).



**TABLE A-3a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 4**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-36							
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs	35-35.5 ft bgs
						RISB-36-0.5-20141118	RISB-36-5.0-20141118	RISB-36-10.0-20141118	RISB-36-15.0-20141118	RISB-36-20.0-20141118	RISB-36-25.0-20141118	RISB-36-30.0-20141118	RISB-36-35.0-20141118
Chlorates	Chlorate	EPA 300.1	1.03	BCL	mg/kg	0.39	2.3	10	23	7.7	9.6	91	380
	Perchlorate	EPA 314.0	0.0185	BCL	mg/kg	0.63	7.3	12	13	4.3	6.1	30	65
Common Metals	Aluminum	EPA 6010	75	BCL	mg/kg	10,000	11,000	9,400	10,000	7,300	7,700	8,000	9,600
	Antimony	EPA 6020	0.3	BCL	mg/kg	<0.52	<0.54	<0.54	<0.54	<0.53	0.54 UJ	0.55 UJ	0.63 UJ
	Arsenic	EPA 6020	1	BCL	mg/kg	2.4	3.2	4.1	3.3	5.2	9.2	11	35
	Barium	EPA 6010	82	BCL	mg/kg	180 J	190 J	180 J	170 J	110 J	120	150	520
	Boron	EPA 6010	21.4	BCL	mg/kg	3.4 J	4.3 J	4.3 J	4.6 J	3.9 J	7.1	7.8	19
	Cadmium	EPA 6010	0.4	BCL	mg/kg	<0.26	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.63
	Chromium (total)	EPA 6010	180,000	RSL	mg/kg	18	19	19	19	13	16	27	38
	Cobalt	EPA 6010	0.453	BCL	mg/kg	9.4	8.9	7.9	7.9	7.0	3.9	4.8	2.9
	Copper	EPA 6010	45.8	BCL	mg/kg	21	20	19	19	17	13	17	12
	Iron	EPA 6010	7.56	BCL	mg/kg	21,000	21,000	20,000	19,000	16,000	9,800	11,000	7,800
	Lead	EPA 6010	13.5	RSL	mg/kg	8.4	9.0	6.5	7.4	6.6	6.3	6.5	4.5 J
	Magnesium	EPA 6010	889	BCL	mg/kg	9,500	11,000	10,000	12,000	9,400	9,100	12,000	34,000
	Manganese	EPA 6010	1.3	BCL	mg/kg	540	380	350	340	310	270	390	250
	Mercury	EPA 7471	0.104	BCL	mg/kg	0.035	0.018 J	0.017 J	0.016 J	<0.013	0.075	0.092	0.069
	Molybdenum	EPA 6010	3.37	BCL	mg/kg	<1.0	<1.1	1.3 J	1.3 J	<1.1	1.9 J	4.9	<2.5
	Nickel	EPA 6010	7	BCL	mg/kg	18	17	16	16	14	9.9	11	8.5
	Selenium	EPA 6020	0.3	BCL	mg/kg	<0.52	<0.54	<0.54	<0.54	<0.53	<0.54	<0.55	<0.63
Silver	EPA 6010	0.85	BCL	mg/kg	<0.78	<0.81	<0.81	<0.82	<0.80	<0.81	<0.82	<1.9	
Thallium	EPA 6020	0.4	BCL	mg/kg	<0.26	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.31	
Zinc	EPA 6010	620	BCL	mg/kg	42	42	37	38	33	22	23	23	
VOCs	Acetone	EPA 8260	0.8	BCL	mg/kg	0.0081 UJ	0.0084 UJ	0.0084 UJ	0.0087 UJ	0.0081 UJ	<0.0082	0.0095 UJ	0.010 UJ
	t-Amyl methyl ether	EPA 8260			mg/kg	0.0010 UJ	0.0010 UJ	0.0010 UJ	0.0011 UJ	0.0010 UJ	0.0010 UJ	<0.0012	<0.0013
	Benzene	EPA 8260	0.002	BCL	mg/kg	<0.00051	<0.00052	<0.00052	<0.00054	<0.00050	<0.00051	<0.00059	<0.00065
	Bromobenzene	EPA 8260	0.0421	RSL	mg/kg	<0.0010	<0.0010	<0.0010	<0.0011	<0.0010	<0.0010	<0.0012	<0.0013
	Bromochloromethane	EPA 8260			mg/kg	<0.0010	<0.0010	<0.0010	<0.0011	<0.0010	<0.0010	<0.0012	<0.0013
	Bromodichloromethane	EPA 8260	0.03	BCL	mg/kg	<0.00051	<0.00052	<0.00052	<0.00054	<0.00050	<0.00051	<0.00059	<0.00065
	Bromoform	EPA 8260	0.04	BCL	mg/kg	<0.0010	<0.0010	<0.0010	<0.0011	<0.0010	0.0010 UJ	0.0012 UJ	0.0013 UJ
	Bromomethane	EPA 8260	0.01	BCL	mg/kg	<0.0010	<0.0010	<0.0010	<0.0011	<0.0010	<0.0010	0.0012 UJ	0.0013 UJ
	2-Butanone	EPA 8260	1.16	RSL	mg/kg	<0.0051	<0.0052	<0.0052	<0.0054	<0.0050	<0.0051	<0.0059	<0.0065
	n-Butylbenzene	EPA 8260	3.23	RSL	mg/kg	<0.0010	<0.0010	<0.0010	<0.0011	<0.0010	<0.0010	<0.0012	<0.0013
	sec-Butylbenzene	EPA 8260	5.87	RSL	mg/kg	<0.0010	<0.0010	<0.0010	<0.0011	<0.0010	<0.0010	<0.0012	<0.0013
	Carbon tetrachloride	EPA 8260	0.003	BCL	mg/kg	0.00051 UJ	0.00052 UJ	0.00052 UJ	0.00054 UJ	0.00050 UJ	0.00051 UJ	0.00059 UJ	0.00065 UJ
	Chlorobenzene	EPA 8260	0.07	BCL	mg/kg	<0.00051	<0.00052	<0.00052	<0.00054	<0.00050	<0.00051	<0.00059	<0.00065
	Chloroethane	EPA 8260	5.92	RSL	mg/kg	<0.0010	<0.0010	<0.0010	<0.0011	<0.0010	<0.0010	0.0012 UJ	0.0013 UJ
	Chloroform	EPA 8260	0.03	BCL	mg/kg	<0.00051	<0.00052	<0.00052	<0.00054	0.0040	0.00077 J	0.0054	0.11
	Chloromethane	EPA 8260	0.0486	RSL	mg/kg	<0.0010	<0.0010	<0.0010	<0.0011	<0.0010	<0.0010	<0.0012	<0.0013
	2-Chlorotoluene	EPA 8260	0.231	RSL	mg/kg	<0.0010	<0.0010	<0.0010	<0.0011	<0.0010	<0.0010	<0.0012	<0.0013
	4-Chlorotoluene	EPA 8260	0.241	RSL	mg/kg	<0.0010	<0.0010	<0.0010	<0.0011	<0.0010	<0.0010	<0.0012	<0.0013
	Cumene	EPA 8260	0.738	RSL	mg/kg	<0.00051	<0.00052	<0.00052	<0.00054	<0.00050	<0.00051	<0.00059	<0.00065
	p-Cymene	EPA 8260	3.91	CAL	mg/kg	<0.00051	<0.00052	<0.00052	<0.00054	<0.00050	<0.00051	<0.00059	<0.00065
	Dibromochloromethane	EPA 8260	0.02	BCL	mg/kg	<0.00051	<0.00052	<0.00052	<0.00054	<0.00050	<0.00051	<0.00059	<0.00065
	1,2-Dibromoethane	EPA 8260	0.0000141	RSL	mg/kg	<0.00051	<0.00052	<0.00052	<0.00054	<0.00050	<0.00051	<0.00059	<0.00065
	Dibromomethane	EPA 8260	0.00197	RSL	mg/kg	<0.00051	<0.00052	<0.00052	<0.00054	<0.00050	<0.00051	<0.00059	<0.00065
	1,2-Dichlorobenzene	EPA 8260	0.9	BCL	mg/kg	<0.00051	<0.00052	<0.00052	<0.00054	<0.00050	<0.00051	<0.00059	0.00091 J
	1,3-Dichlorobenzene	EPA 8260	0.0473	CAL	mg/kg	<0.00051	<0.00052	<0.00052	<0.00054	<0.00050	<0.00051	<0.00059	<0.00065
	1,4-Dichlorobenzene	EPA 8260	0.1	BCL	mg/kg	<0.00051	<0.00052	<0.00052	<0.00054	<0.00050	<0.00051	<0.00059	0.00066 J
	Dichlorodifluoromethane	EPA 8260	0.304	RSL	mg/kg	0.0010 UJ	0.0010 UJ	0.0010 UJ	0.0011 UJ	0.0010 UJ	0.0010 UJ	0.0012 UJ	0.0013 UJ

**TABLE A-3a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 4**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-36							
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs	35-35.5 ft bgs
						RISB-36-0.5-20141118	RISB-36-5.0-20141118	RISB-36-10.0-20141118	RISB-36-15.0-20141118	RISB-36-20.0-20141118	RISB-36-25.0-20141118	RISB-36-30.0-20141118	RISB-36-35.0-20141118
VOCs	1,1-Dichloroethane	EPA 8260	1	BCL	mg/kg	<0.00051	<0.00052	<0.00052	<0.00054	<0.00050	<0.00051	<0.00059	<0.00065
	1,2-Dichloroethane	EPA 8260	0.001	BCL	mg/kg	0.00051 UJ	0.00052 UJ	0.00052 UJ	0.00054 UJ	0.00050 UJ	<0.00051	<0.00059	<0.00065
	1,1-Dichloroethene	EPA 8260	0.003	BCL	mg/kg	<0.00051	<0.00052	<0.00052	<0.00054	<0.00050	<0.00051	<0.00059	<0.00065
	cis-1,2-Dichloroethene	EPA 8260	0.02	BCL	mg/kg	<0.00051	<0.00052	<0.00052	<0.00054	<0.00050	<0.00051	<0.00059	<0.00065
	trans-1,2-Dichloroethene	EPA 8260	0.03	BCL	mg/kg	<0.00051	<0.00052	<0.00052	<0.00054	<0.00050	<0.00051	<0.00059	<0.00065
	1,2-Dichloropropane	EPA 8260	0.001	BCL	mg/kg	<0.00051	<0.00052	<0.00052	<0.00054	<0.00050	<0.00051	<0.00059	<0.00065
	1,3-Dichloropropane	EPA 8260	0.001	BCL	mg/kg	<0.00051	<0.00052	<0.00052	<0.00054	<0.00050	<0.00051	<0.00059	<0.00065
	2,2-Dichloropropane	EPA 8260			mg/kg	<0.0010	<0.0010	<0.0010	<0.0011	<0.0010	0.0010 UJ	0.0012 UJ	0.0013 UJ
	1,1-Dichloropropene	EPA 8260			mg/kg	<0.00051	<0.00052	<0.00052	<0.00054	<0.00050	<0.00051	<0.00059	<0.00065
	cis-1,3-Dichloropropene	EPA 8260			mg/kg	<0.00051	<0.00052	<0.00052	<0.00054	<0.00050	<0.00051	<0.00059	<0.00065
	trans-1,3-Dichloropropene	EPA 8260			mg/kg	<0.00051	<0.00052	<0.00052	<0.00054	<0.00050	<0.00051	0.00059 UJ	0.00065 UJ
	Diisopropyl ether	EPA 8260			mg/kg	0.0010 UJ	0.0010 UJ	0.0010 UJ	0.0011 UJ	0.0010 UJ	<0.0010	<0.0012	<0.0013
	Ethyl benzene	EPA 8260	0.7	BCL	mg/kg	<0.00051	<0.00052	<0.00052	<0.00054	<0.00050	<0.00051	<0.00059	<0.00065
	Ethyl tert-butyl ether	EPA 8260			mg/kg	<0.0010	<0.0010	<0.0010	<0.0011	<0.0010	0.0010 UJ	<0.0012	<0.0013
	Hexachlorobutadiene	EPA 8260	0.1	BCL	mg/kg	0.0010 UJ	0.0010 UJ	0.0010 UJ	0.0011 UJ	0.0010 UJ	<0.0010	<0.0012	<0.0013
	2-Hexanone	EPA 8260			mg/kg	0.0051 UJ	0.0052 UJ	0.0052 UJ	0.0054 UJ	0.0050 UJ	<0.0051	<0.0059	<0.0065
	Methyl tert-butyl ether	EPA 8260			mg/kg	<0.0010	<0.0010	<0.0010	<0.0011	<0.0010	<0.0010	<0.0012	<0.0013
	Methylene chloride	EPA 8260	0.001	BCL	mg/kg	<0.0051	<0.0052	<0.0052	<0.0054	<0.0050	<0.0051	<0.0059	<0.0065
	Naphthalene	EPA 8260	4	BCL	mg/kg	<0.0010	<0.0010	<0.0010	<0.0011	<0.0010	<0.0010	<0.0012	<0.0013
	n-Propylbenzene	EPA 8260	1.22	RSL	mg/kg	<0.00051	<0.00052	<0.00052	<0.00054	<0.00050	<0.00051	<0.00059	<0.00065
	Styrene	EPA 8260	0.2	BCL	mg/kg	<0.00051	<0.00052	<0.00052	<0.00054	<0.00050	<0.00051	<0.00059	<0.00065
	1,1,1,2-Tetrachloroethane	EPA 8260	0.000218	RSL	mg/kg	<0.0010	<0.0010	<0.0010	<0.0011	<0.0010	<0.0010	<0.0012	<0.0013
	1,1,2,2-Tetrachloroethane	EPA 8260	0.0002	BCL	mg/kg	<0.0010	<0.0010	<0.0010	<0.0011	<0.0010	<0.0010	<0.0012	<0.0013
	Tetrachloroethene	EPA 8260	0.003	BCL	mg/kg	0.00051 UJ	0.00052 UJ	0.00052 UJ	0.00054 UJ	0.00050 UJ	<0.00051	<0.00059	<b>0.0016</b>
	Toluene	EPA 8260	0.6	BCL	mg/kg	<0.00051	<0.00052	<0.00052	<0.00054	<0.00050	<0.00051	<0.00059	<0.00065
	1,2,3-Trichlorobenzene	EPA 8260	0.0209	RSL	mg/kg	<0.0010	<0.0010	<0.0010	<0.0011	<0.0010	<0.0010	<0.0012	<0.0013
	1,2,4-Trichlorobenzene	EPA 8260	0.3	BCL	mg/kg	<0.0010	<0.0010	<0.0010	<0.0011	<0.0010	<0.0010	<0.0012	<0.0013
	1,1,1-Trichloroethane	EPA 8260	0.1	BCL	mg/kg	0.00051 UJ	0.00052 UJ	0.00052 UJ	0.00054 UJ	0.00050 UJ	0.00051 UJ	0.00059 UJ	0.00065 UJ
	1,1,2-Trichloroethane	EPA 8260	0.0009	BCL	mg/kg	<0.00051	<0.00052	<0.00052	<0.00054	<0.00050	<0.00051	<0.00059	<0.00065
	Trichloroethene	EPA 8260	0.003	BCL	mg/kg	<0.00051	<0.00052	<0.00052	<0.00054	<0.00050	<0.00051	<0.00059	<0.00065
	Trichlorofluoromethane	EPA 8260	0.731	RSL	mg/kg	0.0010 UJ	0.0010 UJ	0.0010 UJ	0.0011 UJ	0.0010 UJ	<0.0010	0.0012 UJ	0.0013 UJ
	1,2,3-Trichloropropane	EPA 8260	0.00000323	RSL	mg/kg	<0.0010	<0.0010	<0.0010	<0.0011	<0.0010	<0.0010	<0.0012	<0.0013
1,2,4-Trimethylbenzene	EPA 8260	0.0212	RSL	mg/kg	<0.0010	<0.0010	<0.0010	<0.0011	<0.0010	<0.0010	<0.0012	<0.0013	
1,3,5-Trimethylbenzene	EPA 8260	0.167	RSL	mg/kg	<0.0010	<0.0010	<0.0010	<0.0011	<0.0010	<0.0010	<0.0012	<0.0013	
Vinyl chloride	EPA 8260	0.0007	BCL	mg/kg	<0.0010	<0.0010	<0.0010	<0.0011	<0.0010	<0.0010	<0.0012	<0.0013	
m,p-Xylene	EPA 8260			mg/kg	<0.0010	<0.0010	<0.0010	<0.0011	<0.0010	<0.0010	<0.0012	<0.0013	
o-Xylene	EPA 8260	9	BCL	mg/kg	<0.00051	<0.00052	<0.00052	<0.00054	<0.00050	<0.00051	<0.00059	<0.00065	
1,2-Dibromo-3-chloropropane	EPA 8260	0.0000864	RSL	mg/kg	<0.0020	<0.0021	<0.0021	<0.0022	<0.0020	<0.0020	<0.0024	<0.0026	
4-Methyl-2-pentanone	EPA 8260			mg/kg	0.0025 UJ	0.0026 UJ	0.0026 UJ	0.0027 UJ	0.0025 UJ	<0.0026	<0.0030	<0.0032	
tert Butyl alcohol	EPA 8260			mg/kg	0.010 UJ	0.010 UJ	0.010 UJ	0.011 UJ	0.010 UJ	<0.010	<0.012	<0.013	
tert-Butylbenzene	EPA 8260	1.55	RSL	mg/kg	<0.0010	<0.0010	<0.0010	<0.0011	<0.0010	<0.0010	<0.0012	<0.0013	
General Chemistry	Phosphorus (total)	EPA 6010	0.00148	RSL	mg/kg	--	--	--	--	--	--	--	--

**Notes:**

ft bgs: feet below ground surface  
 FD: Field Duplicate  
 Above Screening Level

**Sources:**

NDEP, 2015. User's Guide and Background Technical Document for NDEP Basic Comparison Levels (BCLs) for Human Health for the BMI Complex and Common Areas. Revision 13, February.

**TABLE A-3a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 4**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-36							
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs	35-35.5 ft bgs
						RISB-36-0.5-20141118	RISB-36-5.0-20141118	RISB-36-10.0-20141118	RISB-36-15.0-20141118	RISB-36-20.0-20141118	RISB-36-25.0-20141118	RISB-36-30.0-20141118	RISB-36-35.0-20141118

**bold value:** detection

USEPA, 2015. Regional Screening Levels (RSL) for Chemical Contaminants at Superfund Sites. June.

Soil screening levels were selected according to the following hierarchy of criteria:

1. Basic Comparison Level (BCL): Leaching-based basic comparison levels (LBCL) with dilution attenuation factor (DAF) of 1 in the most recent version of Nevada Division of Environmental Protection (NDEP) documents (February 2015).
2. Regional Screening Level (RSL): United States Environmental Protection Agency (USEPA) Regional Screening Levels (RSL) for groundwater protection (June 2015), with the maximum contaminant level (MCL) based screening levels selected over the risk-based screening levels, if available (USEPA 2015)
3. Calculated Criteria (CAL): Generic leaching-based BCLs (LBCLs) calculated using the approach presented in NDEP guidance (NDEP 2015).

**TABLE A-3a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 4**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-37							
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs
						RISB-37-0.5-20141117	RISB-37-5.0-20141118	RISB-37-10.0-20141118	RISB-37-15.0-20141118	RISB-37-20.0-20141118	RISB-37-20.0-20141118-FD	RISB-37-25.0-20141118	RISB-37-30.0-20141118
Chlorates	Chlorate	EPA 300.1	1.03	BCL	mg/kg	0.65	0.18 J	0.35	1.0 J	0.094 J	0.16 J	0.61	150
	Perchlorate	EPA 314.0	0.0185	BCL	mg/kg	6.5	1.1	2.2	4.6	0.61	0.68	1.5	28
Common Metals	Aluminum	EPA 6010	75	BCL	mg/kg	9,400	11,000	9,700	9,800	8,100	8,400	6,000	7,600
	Antimony	EPA 6020	0.3	BCL	mg/kg	0.60 J	<0.55	<0.55	<0.55	<0.54	<0.54	<0.53	<0.58
	Arsenic	EPA 6020	1	BCL	mg/kg	6.2	3.3	3.6	5.3	5.0	5.5	10	19
	Barium	EPA 6010	82	BCL	mg/kg	290	200 J	230 J	170 J	120 J	120 J	110 J	140 J
	Boron	EPA 6010	21.4	BCL	mg/kg	33	9.5	7.3	7.4	5.6	6.4	6.8	12
	Cadmium	EPA 6010	0.4	BCL	mg/kg	0.31 J	<0.28	<0.28	<0.28	<0.27	<0.27	<0.27	<0.29
	Chromium (total)	EPA 6010	180,000	RSL	mg/kg	34	19	19	18	18	19	13	27
	Cobalt	EPA 6010	0.453	BCL	mg/kg	23	9.9	8.4	8.1	7.8	8.5	5.9	5.4
	Copper	EPA 6010	45.8	BCL	mg/kg	53	20	19	17	22	21	15	14
	Iron	EPA 6010	7.56	BCL	mg/kg	13,000	20,000	21,000	19,000	19,000	19,000	16,000	14,000
	Lead	EPA 6010	13.5	RSL	mg/kg	38	9.5	6.7	7.4	7.0	7.2	6.1	5.6
	Magnesium	EPA 6010	889	BCL	mg/kg	13,000	11,000	11,000	14,000	9,800	10,000	7,000	14,000
	Manganese	EPA 6010	1.3	BCL	mg/kg	3,600	580	380	300	310	340	210	250
	Mercury	EPA 7471	0.104	BCL	mg/kg	0.24	0.039	0.019 J	0.027	0.017 J	0.021	0.014 J	0.019 J
	Molybdenum	EPA 6010	3.37	BCL	mg/kg	1.1 J	<1.1	<1.1	<1.1	1.5 J	1.8 J	<1.1	2.7
	Nickel	EPA 6010	7	BCL	mg/kg	23	18	17	17	16	17	13	15
	Selenium	EPA 6020	0.3	BCL	mg/kg	<0.51	<0.55	<0.55	<0.55	<0.54	<0.54	<0.53	<0.58
Silver	EPA 6010	0.85	BCL	mg/kg	<0.77	<0.83	<0.83	<0.83	<0.81	<0.81	<0.80	<0.88	
Thallium	EPA 6020	0.4	BCL	mg/kg	0.65	<0.28	<0.28	<0.28	<0.27	<0.27	<0.27	<0.29	
Zinc	EPA 6010	620	BCL	mg/kg	300	52	40	37	38	43	31	31	
VOCs	Acetone	EPA 8260	0.8	BCL	mg/kg	0.0093 UJ	<0.0085	<0.0094	0.0090 UJ	<0.0081	<0.0085	<0.0080	<0.0087
	t-Amyl methyl ether	EPA 8260			mg/kg	0.0012 UJ	<0.0011	<0.0012	0.0011 UJ	<0.0010	<0.0011	<0.0010	<0.0011
	Benzene	EPA 8260	0.002	BCL	mg/kg	<0.00058	<0.00053	<0.00059	<0.00056	<0.00051	<0.00053	<0.00050	<0.00055
	Bromobenzene	EPA 8260	0.0421	RSL	mg/kg	<0.0012	<0.0011	<0.0012	<0.0011	<0.0010	<0.0011	<0.0010	<0.0011
	Bromochloromethane	EPA 8260			mg/kg	<0.0012	<0.0011	<0.0012	<0.0011	<0.0010	<0.0011	<0.0010	<0.0011
	Bromodichloromethane	EPA 8260	0.03	BCL	mg/kg	<0.00058	<0.00053	<0.00059	<0.00056	<0.00051	<0.00053	<0.00050	<0.00055
	Bromoform	EPA 8260	0.04	BCL	mg/kg	<0.0012	0.0011 UJ	0.0012 UJ	<0.0011	0.0010 UJ	0.0011 UJ	0.0010 UJ	0.0011 UJ
	Bromomethane	EPA 8260	0.01	BCL	mg/kg	<0.0012	<0.0011	<0.0012	<0.0011	<0.0010	<0.0011	<0.0010	<0.0011
	2-Butanone	EPA 8260	1.16	RSL	mg/kg	<0.0058	<0.0053	<0.0059	<0.0056	<0.0051	<0.0053	<0.0050	<0.0055
	n-Butylbenzene	EPA 8260	3.23	RSL	mg/kg	<0.0012	<0.0011	<0.0012	<0.0011	<0.0010	<0.0011	<0.0010	<0.0011
	sec-Butylbenzene	EPA 8260	5.87	RSL	mg/kg	<0.0012	<0.0011	<0.0012	<0.0011	<0.0010	<0.0011	<0.0010	<0.0011
	Carbon tetrachloride	EPA 8260	0.003	BCL	mg/kg	<0.00058	0.00053 UJ	0.00059 UJ	0.00056 UJ	0.00051 UJ	0.00053 UJ	0.00050 UJ	0.00055 UJ
	Chlorobenzene	EPA 8260	0.07	BCL	mg/kg	<0.00058	<0.00053	<0.00059	<0.00056	<0.00051	<0.00053	<0.00050	<0.00055
	Chloroethane	EPA 8260	5.92	RSL	mg/kg	<0.0012	<0.0011	<0.0012	<0.0011	<0.0010	<0.0011	<0.0010	<0.0011
	Chloroform	EPA 8260	0.03	BCL	mg/kg	<0.00058	<0.00053	<0.00059	<0.00056	0.00068 J	0.00060 J	0.0011	0.033
	Chloromethane	EPA 8260	0.0486	RSL	mg/kg	<0.0012	<0.0011	<0.0012	<0.0011	<0.0010	<0.0011	<0.0010	<0.0011
	2-Chlorotoluene	EPA 8260	0.231	RSL	mg/kg	<0.0012	<0.0011	<0.0012	<0.0011	<0.0010	<0.0011	<0.0010	<0.0011
	4-Chlorotoluene	EPA 8260	0.241	RSL	mg/kg	<0.0012	<0.0011	<0.0012	<0.0011	<0.0010	<0.0011	<0.0010	<0.0011
	Cumene	EPA 8260	0.738	RSL	mg/kg	<0.00058	<0.00053	<0.00059	<0.00056	<0.00051	<0.00053	<0.00050	<0.00055
	p-Cymene	EPA 8260	3.91	CAL	mg/kg	<0.00058	<0.00053	<0.00059	<0.00056	<0.00051	<0.00053	<0.00050	<0.00055
	Dibromochloromethane	EPA 8260	0.02	BCL	mg/kg	<0.00058	<0.00053	<0.00059	<0.00056	<0.00051	<0.00053	<0.00050	<0.00055
	1,2-Dibromoethane	EPA 8260	0.0000141	RSL	mg/kg	<0.00058	<0.00053	<0.00059	<0.00056	<0.00051	<0.00053	<0.00050	<0.00055
	Dibromomethane	EPA 8260	0.00197	RSL	mg/kg	<0.00058	<0.00053	<0.00059	<0.00056	<0.00051	<0.00053	<0.00050	<0.00055
	1,2-Dichlorobenzene	EPA 8260	0.9	BCL	mg/kg	<0.00058	<0.00053	<0.00059	<0.00056	<0.00051	<0.00053	<0.00050	<0.00055
	1,3-Dichlorobenzene	EPA 8260	0.0473	CAL	mg/kg	<0.00058	<0.00053	<0.00059	<0.00056	<0.00051	<0.00053	<0.00050	<0.00055
	1,4-Dichlorobenzene	EPA 8260	0.1	BCL	mg/kg	<0.00058	<0.00053	<0.00059	<0.00056	<0.00051	<0.00053	<0.00050	<0.00055
	Dichlorodifluoromethane	EPA 8260	0.304	RSL	mg/kg	0.0012 UJ	0.0011 UJ	0.0012 UJ	0.0011 UJ	0.0010 UJ	0.0011 UJ	0.0010 UJ	0.0011 UJ

**TABLE A-3a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 4**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-37							
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs
						RISB-37-0.5-20141117	RISB-37-5.0-20141118	RISB-37-10.0-20141118	RISB-37-15.0-20141118	RISB-37-20.0-20141118	RISB-37-20.0-20141118-FD	RISB-37-25.0-20141118	RISB-37-30.0-20141118
VOCs	1,1-Dichloroethane	EPA 8260	1	BCL	mg/kg	<0.00058	<0.00053	<0.00059	<0.00056	<0.00051	<0.00053	<0.00050	<0.00055
	1,2-Dichloroethane	EPA 8260	0.001	BCL	mg/kg	<0.00058	<0.00053	<0.00059	0.00056 UJ	<0.00051	<0.00053	<0.00050	<0.00055
	1,1-Dichloroethene	EPA 8260	0.003	BCL	mg/kg	<0.00058	<0.00053	<0.00059	<0.00056	<0.00051	<0.00053	<0.00050	<0.00055
	cis-1,2-Dichloroethene	EPA 8260	0.02	BCL	mg/kg	<0.00058	<0.00053	<0.00059	<0.00056	<0.00051	<0.00053	<0.00050	<0.00055
	trans-1,2-Dichloroethene	EPA 8260	0.03	BCL	mg/kg	<0.00058	<0.00053	<0.00059	<0.00056	<0.00051	<0.00053	<0.00050	<0.00055
	1,2-Dichloropropane	EPA 8260	0.001	BCL	mg/kg	<0.00058	<0.00053	<0.00059	<0.00056	<0.00051	<0.00053	<0.00050	<0.00055
	1,3-Dichloropropane	EPA 8260	0.001	BCL	mg/kg	<0.00058	<0.00053	<0.00059	<0.00056	<0.00051	<0.00053	<0.00050	<0.00055
	2,2-Dichloropropane	EPA 8260			mg/kg	<0.0012	0.0011 UJ	0.0012 UJ	<0.0011	0.0010 UJ	0.0011 UJ	0.0010 UJ	0.0011 UJ
	1,1-Dichloropropene	EPA 8260			mg/kg	<0.00058	<0.00053	<0.00059	<0.00056	<0.00051	<0.00053	<0.00050	<0.00055
	cis-1,3-Dichloropropene	EPA 8260			mg/kg	<0.00058	<0.00053	<0.00059	<0.00056	<0.00051	<0.00053	<0.00050	<0.00055
	trans-1,3-Dichloropropene	EPA 8260			mg/kg	<0.00058	<0.00053	<0.00059	<0.00056	<0.00051	<0.00053	<0.00050	<0.00055
	Diisopropyl ether	EPA 8260			mg/kg	0.0012 UJ	<0.0011	<0.0012	0.0011 UJ	<0.0010	<0.0011	<0.0010	<0.0011
	Ethyl benzene	EPA 8260	0.7	BCL	mg/kg	<0.00058	<0.00053	<0.00059	<0.00056	<0.00051	<0.00053	<0.00050	<0.00055
	Ethyl tert-butyl ether	EPA 8260			mg/kg	<0.0012	<0.0011	<0.0012	<0.0011	<0.0010	<0.0011	<0.0010	<0.0011
	Hexachlorobutadiene	EPA 8260	0.1	BCL	mg/kg	<0.0012	<0.0011	<0.0012	0.0011 UJ	<0.0010	<0.0011	<0.0010	<0.0011
	2-Hexanone	EPA 8260			mg/kg	0.0058 UJ	<0.0053	<0.0059	0.0056 UJ	<0.0051	<0.0053	<0.0050	<0.0055
	Methyl tert-butyl ether	EPA 8260			mg/kg	<0.0012	<0.0011	<0.0012	<0.0011	<0.0010	<0.0011	<0.0010	<0.0011
	Methylene chloride	EPA 8260	0.001	BCL	mg/kg	<0.0058	<0.0053	<0.0059	<0.0056	<0.0051	<0.0053	<0.0050	<0.0055
	Naphthalene	EPA 8260	4	BCL	mg/kg	<0.0012	<0.0011	<0.0012	<0.0011	<0.0010	<0.0011	<0.0010	<0.0011
	n-Propylbenzene	EPA 8260	1.22	RSL	mg/kg	<0.00058	<0.00053	<0.00059	<0.00056	<0.00051	<0.00053	<0.00050	<0.00055
	Styrene	EPA 8260	0.2	BCL	mg/kg	<0.00058	<0.00053	<0.00059	<0.00056	<0.00051	<0.00053	<0.00050	<0.00055
	1,1,1,2-Tetrachloroethane	EPA 8260	0.000218	RSL	mg/kg	<0.0012	<0.0011	<0.0012	<0.0011	<0.0010	<0.0011	<0.0010	<0.0011
	1,1,1,2,2-Tetrachloroethane	EPA 8260	0.0002	BCL	mg/kg	<0.0012	<0.0011	<0.0012	<0.0011	<0.0010	<0.0011	<0.0010	<0.0011
	Tetrachloroethene	EPA 8260	0.003	BCL	mg/kg	<0.00058	<0.00053	<0.00059	0.00056 UJ	<0.00051	<0.00053	<0.00050	<0.00055
	Toluene	EPA 8260	0.6	BCL	mg/kg	<0.00058	<0.00053	<0.00059	<0.00056	<0.00051	<0.00053	<0.00050	<0.00055
	1,2,3-Trichlorobenzene	EPA 8260	0.0209	RSL	mg/kg	<0.0012	<0.0011	<0.0012	<0.0011	<0.0010	<0.0011	<0.0010	<0.0011
	1,2,4-Trichlorobenzene	EPA 8260	0.3	BCL	mg/kg	<0.0012	<0.0011	<0.0012	<0.0011	<0.0010	<0.0011	<0.0010	<0.0011
	1,1,1-Trichloroethane	EPA 8260	0.1	BCL	mg/kg	<0.00058	<0.00053	<0.00059	0.00056 UJ	<0.00051	<0.00053	<0.00050	<0.00055
	1,1,2-Trichloroethane	EPA 8260	0.0009	BCL	mg/kg	<0.00058	<0.00053	<0.00059	<0.00056	<0.00051	<0.00053	<0.00050	<0.00055
	Trichloroethene	EPA 8260	0.003	BCL	mg/kg	<0.00058	<0.00053	<0.00059	<0.00056	<0.00051	<0.00053	<0.00050	<0.00055
	Trichlorofluoromethane	EPA 8260	0.731	RSL	mg/kg	<0.0012	<0.0011	<0.0012	0.0011 UJ	<0.0010	<0.0011	<0.0010	<0.0011
	1,2,3-Trichloropropane	EPA 8260	0.00000323	RSL	mg/kg	<0.0012	<0.0011	<0.0012	<0.0011	<0.0010	<0.0011	<0.0010	<0.0011
1,2,4-Trimethylbenzene	EPA 8260	0.0212	RSL	mg/kg	<0.0012	<0.0011	<0.0012	<0.0011	<0.0010	<0.0011	<0.0010	<0.0011	
1,3,5-Trimethylbenzene	EPA 8260	0.167	RSL	mg/kg	<0.0012	<0.0011	<0.0012	<0.0011	<0.0010	<0.0011	<0.0010	<0.0011	
Vinyl chloride	EPA 8260	0.0007	BCL	mg/kg	<0.0012	<0.0011	<0.0012	<0.0011	<0.0010	<0.0011	<0.0010	<0.0011	
m,p-Xylene	EPA 8260			mg/kg	<0.0012	<0.0011	<0.0012	<0.0011	<0.0010	<0.0011	<0.0010	<0.0011	
o-Xylene	EPA 8260	9	BCL	mg/kg	<0.00058	<0.00053	<0.00059	<0.00056	<0.00051	<0.00053	<0.00050	<0.00055	
1,2-Dibromo-3-chloropropane	EPA 8260	0.0000864	RSL	mg/kg	<0.0023	<0.0021	<0.0023	<0.0022	<0.0020	<0.0021	<0.0020	<0.0022	
4-Methyl-2-pentanone	EPA 8260			mg/kg	0.0029 UJ	<0.0026	<0.0029	0.0028 UJ	<0.0025	<0.0027	<0.0025	<0.0027	
tert Butyl alcohol	EPA 8260			mg/kg	<0.012	<0.011	<0.012	0.011 UJ	<0.010	<0.011	<0.010	<0.011	
tert-Butylbenzene	EPA 8260	1.55	RSL	mg/kg	<0.0012	<0.0011	<0.0012	<0.0011	<0.0010	<0.0011	<0.0010	<0.0011	
General Chemistry	Phosphorus (total)	EPA 6010	0.00148	RSL	mg/kg	--	--	--	--	--	--	--	--

**Notes:**

ft bgs: feet below ground surface  
 FD: Field Duplicate  
 Above Screening Level

**Sources:**

NDEP, 2015. User's Guide and Background Technical Document for NDEP Basic Comparison Levels (BCLs) for Human Health for the BMI Complex and Common Areas. Revision 13, February.

**TABLE A-3a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 4**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-37							
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs
						RISB-37-0.5-20141117	RISB-37-5.0-20141118	RISB-37-10.0-20141118	RISB-37-15.0-20141118	RISB-37-20.0-20141118	RISB-37-20.0-20141118-FD	RISB-37-25.0-20141118	RISB-37-30.0-20141118

**bold value:** detection

USEPA, 2015. Regional Screening Levels (RSL) for Chemical Contaminants at Superfund Sites. June.

Soil screening levels were selected according to the following hierarchy of criteria:

1. Basic Comparison Level (BCL): Leaching-based basic comparison levels (LBCL) with dilution attenuation factor (DAF) of 1 in the most recent version of Nevada Division of Environmental Protection (NDEP) documents (February 2015).
2. Regional Screening Level (RSL): United States Environmental Protection Agency (USEPA) Regional Screening Levels (RSL) for groundwater protection (June 2015), with the maximum contaminant level (MCL) based screening levels selected over the risk-based screening levels, if available (USEPA 2015)
3. Calculated Criteria (CAL): Generic leaching-based BCLs (LBCLs) calculated using the approach presented in NDEP guidance (NDEP 2015).

**TABLE A-3b. GRAB GROUNDWATER ANALYICAL RESULTS IN BORINGS - AREA 4**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Residential Screening Levels		Unit	RISB-30	RISB-31	RISB-32	RISB-33	RISB-34		RISB-35	RISB-36	RISB-37
			32.4-40 ft bgs	32.8-40 ft bgs		32.9-40.8 ft bgs	33.4-45 ft bgs	32.2-40 ft bgs	32.2-40 ft bgs	32.8-45 ft bgs	34.7-44.9 ft bgs	31.3-40 ft bgs		
			RISB-30-GW-20141118	RISB-31-GW-20141120		RISB-32-GW-20141121	RISB-33-GW-20141119	RISB-34-GW-20141120	RISB-34-GW-20141120-FD	RISB-35-GW-20141119	RISB-36-GW-20141118	RISB-37-GW-20141118		
		Level	Source											
Chlorates	Chlorate	EPA 300.1	1,000	BCL	µg/l	1,900,000	640,000	1,700,000	660,000	1,300,000	1,300,000	1,900,000	2,400,000	1,800,000
	Perchlorate	EPA 314.0	18	BCL	µg/l	390,000	210,000	600,000	510,000	230,000	240,000	670,000	77 J	310,000
Common Metals	Aluminum	EPA 200.7	50	BCL	µg/l	<25	<25	25 UJ	160	<25	<25	120	200	<25
	Antimony	EPA 200.8	0.006	MCL	mg/l	<0.0010	<0.00050	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
	Arsenic	EPA 200.8	0.01	MCL	mg/l	0.05	0.093	0.076	0.076	0.094	0.089	0.075	0.072	0.099
	Barium	EPA 200.7	2,000	MCL	µg/l	99	34	45	22	38	37	46	42	56
	Boron	EPA 200.7	6,670	BCL	µg/l	13,000	6,400	13,000	13,000	11,000	10,000	9,600	13,000	13,000
	Cadmium	EPA 200.7	5	MCL	µg/l	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<4.0	<2.0
	Chromium (total)	EPA 200.7	100	MCL	µg/l	9,600	1,200	7,900	6,100	6,200	6,000	6,400	13,000	9,300
	Cobalt	EPA 200.7	10	BCL	µg/l	4.6 J	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<5.0	<2.5
	Copper	EPA 200.7	1,300	MCL	µg/l	<5.0	<5.0	5.9 J	<5.0	<5.0	<5.0	<5.0	<10	<5.0
	Iron	EPA 200.7	300	BCL	µg/l	<10	<10	<10	<10	36 J	10 UJ	12 J	35 J	<10
	Lead	EPA 200.7	15	MCL	µg/l	<2.5	2.5 UJ	3.9 J	<2.5	2.5 UJ	3.1 J	5.0	11	4.9 J
	Magnesium	EPA 200.7	189,000	BCL	µg/l	200,000	240,000	190,000	110,000	240,000	240,000	150,000	260,000	220,000
	Manganese	EPA 200.7	20	BCL	µg/l	55	24	170	35	<10	<10	120	83	12 J
	Mercury	EPA 7470	0.002	BCL	mg/l	0.00023 J	<0.00010	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	0.00047
	Molybdenum	EPA 200.7	167	BCL	µg/l	110	83	56	16 J	29	25	45	28 J	46
	Nickel	EPA 200.7	667	BCL	µg/l	15	23	7.3 J	9.2 J	10	10	7.2 J	<10	12
	Selenium	EPA 200.8	50	MCL	µg/l	4.0	5.6	3.7 J	4.4	5.8	5.9	3.9 J	5.0	3.8 J
	Silver	EPA 200.7	100	BCL	µg/l	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0
Thallium	EPA 200.8	2	MCL	µg/l	<1.0	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
Zinc	EPA 200.7	10,000	BCL	µg/l	<10	34	<10	<10	<10	<10	<10	<20	12 J	
VOCs	Benzene	EPA 8260	5	BCL	µg/l	<1.0	<0.25	<2.5	<0.50	<0.50	<0.50	0.50 UJ	<0.50	<0.50
	Bromobenzene	EPA 8260	85.2	BCL	µg/l	<1.0	<0.25	<2.5	<0.50	<0.50	<0.50	0.50 UJ	<0.50	<0.50
	Bromochloromethane	EPA 8260	83	RSL	µg/l	<1.0	<0.25	<2.5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
	Bromodichloromethane	EPA 8260	80	MCL	µg/l	<1.0	<0.25	<2.5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
	Bromoform	EPA 8260	80	MCL	µg/l	1.6 UJ	2.1	<4.0	<0.80	<0.80	<0.80	<0.80	0.98 J	0.80 UJ
	Bromomethane	EPA 8260	8.53	BCL	µg/l	1.0 UJ	<0.25	<2.5	<0.50	<0.50	<0.50	<0.50	<0.50	0.50 UJ
	2-Butanone	EPA 8260	6,860	BCL	µg/l	<10	<2.5	<25	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	n-Butylbenzene	EPA 8260	238	BCL	µg/l	<1.6	0.40 UJ	<4.0	0.80 UJ	0.80 UJ	0.80 UJ	0.80 UJ	0.80 UJ	<0.80
	sec-Butylbenzene	EPA 8260	238	BCL	µg/l	<1.0	0.25 UJ	<2.5	0.50 UJ	0.50 UJ	0.50 UJ	0.50 UJ	0.50 UJ	<0.50
	Carbon tetrachloride	EPA 8260	5	BCL	µg/l	<1.0	0.25 UJ	<2.5	0.50 UJ	0.50 UJ	0.50 UJ	0.50 UJ	0.50 UJ	<0.50
	Chlorobenzene	EPA 8260	100	BCL	µg/l	<1.0	<0.25	<2.5	<0.50	<0.50	<0.50	5.0 J	<0.50	<0.50
	Chloroethane	EPA 8260	26.9	BCL	µg/l	<1.6	<0.40	<4.0	<0.80	<0.80	<0.80	<0.80	0.80 UJ	<0.80
	Chloroform	EPA 8260	80	MCL	µg/l	910	170	620	790	400	400	520	750	630
	Chloromethane	EPA 8260	3.12	BCL	µg/l	<1.0	<0.25	<2.5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
	2-Chlorotoluene	EPA 8260	90.2	BCL	µg/l	<1.0	<0.25	<2.5	<0.50	<0.50	<0.50	0.50 UJ	<0.50	<0.50
	4-Chlorotoluene	EPA 8260	250	RSL	µg/l	<1.0	<0.25	<2.5	<0.50	<0.50	<0.50	0.50 UJ	<0.50	<0.50
	Cumene	EPA 8260	667	BCL	µg/l	<1.0	0.25 UJ	<2.5	0.50 UJ	0.50 UJ	0.50 UJ	0.50 UJ	0.50 UJ	<0.50
	p-Cymene	EPA 8260	834	BCL	µg/l	<1.0	0.25 UJ	<2.5	0.50 UJ	0.50 UJ	0.50 UJ	0.50 UJ	0.50 UJ	<0.50
	Dibromochloromethane	EPA 8260	80	MCL	µg/l	<1.0	<0.25	<2.5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
	1,2-Dibromoethane	EPA 8260	0.05	MCL	µg/l	<1.0	<0.25	<2.5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
	Dibromomethane	EPA 8260	8.14	BCL	µg/l	<1.0	<0.25	<2.5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
	1,2-Dichlorobenzene	EPA 8260	600	MCL	µg/l	<2.0	<0.50	47	<1.0	<1.0	<1.0	140 J	5.0	<1.0
	1,3-Dichlorobenzene	EPA 8260	80.7	BCL	µg/l	<1.0	<0.25	<2.5	<0.50	<0.50	<0.50	7.8 J	<0.50	<0.50
	1,4-Dichlorobenzene	EPA 8260	75	MCL	µg/l	<1.0	<0.25	<2.5	<0.50	<0.50	<0.50	2.3 J	2.2	<0.50
	Dichlorodifluoromethane	EPA 8260	393	BCL	µg/l	1.0 UJ	0.25 UJ	2.5 UJ	0.50 UJ	0.50 UJ	0.50 UJ	0.50 UJ	0.50 UJ	0.50 UJ
	1,1-Dichloroethane	EPA 8260	2.79	BCL	µg/l	<1.0	<0.25	<2.5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
	1,2-Dichloroethane	EPA 8260	5	BCL	µg/l	<1.0	<0.25	<2.5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50



**TABLE A-3b. GRAB GROUNDWATER ANALYICAL RESULTS IN BORINGS - AREA 4**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Residential Screening Levels		Unit	RISB-30	RISB-31	RISB-32	RISB-33	RISB-34		RISB-35	RISB-36	RISB-37
			32.4-40 ft bgs	32.8-40 ft bgs		32.9-40.8 ft bgs	33.4-45 ft bgs	32.2-40 ft bgs	32.2-40 ft bgs	32.8-45 ft bgs	34.7-44.9 ft bgs	31.3-40 ft bgs		
			RISB-30-GW-20141118	RISB-31-GW-20141120		RISB-32-GW-20141121	RISB-33-GW-20141119	RISB-34-GW-20141120	RISB-34-GW-20141120-FD	RISB-35-GW-20141119	RISB-36-GW-20141118	RISB-37-GW-20141118		
		Level	Source											
VOCs	1,1-Dichloroethene	EPA 8260	7	MCL	µg/l	<1.0	<0.25	<2.5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
	cis-1,2-Dichloroethene	EPA 8260	70	BCL	µg/l	<1.0	<0.25	<2.5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
	trans-1,2-Dichloroethene	EPA 8260	100	BCL	µg/l	<1.0	<0.25	<2.5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
	1,2-Dichloropropane	EPA 8260	5	BCL	µg/l	<1.0	<0.25	<2.5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
	1,3-Dichloropropane	EPA 8260	8.24	BCL	µg/l	<1.0	<0.25	<2.5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
	2,2-Dichloropropane	EPA 8260			µg/l	<1.6	0.40 UJ	<4.0	0.80 UJ	0.80 UJ	0.80 UJ	0.80 UJ	0.80 UJ	<0.80
	1,1-Dichloropropene	EPA 8260			µg/l	<1.0	0.25 UJ	<2.5	0.50 UJ	0.50 UJ	0.50 UJ	0.50 UJ	0.50 UJ	<0.50
	cis-1,3-Dichloropropene	EPA 8260			µg/l	<1.0	0.25 UJ	<2.5	0.50 UJ	0.50 UJ	0.50 UJ	0.50 UJ	0.50 UJ	<0.50
	trans-1,3-Dichloropropene	EPA 8260			µg/l	<1.0	0.25 UJ	<2.5	0.50 UJ	0.50 UJ	0.50 UJ	0.50 UJ	0.50 UJ	<0.50
	Ethyl benzene	EPA 8260	700	MCL	µg/l	<1.0	<0.25	<2.5	<0.50	<0.50	<0.50	0.50 UJ	<0.50	<0.50
	Ethyl tert-butyl ether	EPA 8260			µg/l	<1.0	<0.25	<2.5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
	Hexachlorobutadiene	EPA 8260	0.999	BCL	µg/l	<1.0	<0.25	<2.5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
	Methylene chloride	EPA 8260	5	BCL	µg/l	<3.5	<0.88	<8.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8
	Naphthalene	EPA 8260	0.165	BCL	µg/l	1.6 UJ	0.40 UJ	<4.0	0.80 UJ	0.80 UJ	0.80 UJ	0.80 UJ	0.80 UJ	0.80 UJ
	n-Propylbenzene	EPA 8260	238	BCL	µg/l	<1.0	0.25 UJ	<2.5	0.50 UJ	0.50 UJ	0.50 UJ	0.50 UJ	0.50 UJ	<0.50
	Styrene	EPA 8260	100	BCL	µg/l	<1.0	<0.25	<2.5	<0.50	<0.50	<0.50	0.50 UJ	<0.50	<0.50
	1,1,1,2-Tetrachloroethane	EPA 8260	0.605	BCL	µg/l	<1.0	<0.25	<2.5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
	1,1,1,2,2-Tetrachloroethane	EPA 8260	0.0775	BCL	µg/l	<1.0	<0.25	<2.5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
	Tetrachloroethene	EPA 8260	5	BCL	µg/l	<b>1.5 J</b>	<0.25	<2.5	<b>1.6</b>	<0.50	<0.50	<b>0.93 J</b>	<b>2.5</b>	<b>1.2 J</b>
	Toluene	EPA 8260	1,000	MCL	µg/l	<1.0	<0.25	<2.5	<0.50	<0.50	<0.50	0.50 UJ	<0.50	<0.50
	1,2,3-Trichlorobenzene	EPA 8260	7	RSL	µg/l	<1.6	<0.40	<4.0	<0.80	<0.80	<0.80	0.80 UJ	<0.80	<0.80
	1,2,4-Trichlorobenzene	EPA 8260	70	MCL	µg/l	<1.6	<0.40	<4.0	<0.80	<0.80	<0.80	<b>1.0 J</b>	<0.80	<0.80
	1,1,1-Trichloroethane	EPA 8260	200	MCL	µg/l	<1.0	<0.25	<2.5	0.50 UJ	<0.50	<0.50	0.50 UJ	0.50 UJ	<0.50
	1,1,1,2-Trichloroethane	EPA 8260	5	BCL	µg/l	<1.0	<0.25	<2.5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
	Trichloroethene	EPA 8260	5	BCL	µg/l	<1.0	<0.25	<2.5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
	Trichlorofluoromethane	EPA 8260	1,270	BCL	µg/l	<1.0	<0.25	<2.5	0.50 UJ	0.50 UJ	0.50 UJ	0.50 UJ	0.50 UJ	<0.50
	1,2,3-Trichloropropane	EPA 8260	0.0026	BCL	µg/l	<1.0	0.25 UJ	<2.5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
	1,2,4-Trimethylbenzene	EPA 8260	14.6	BCL	µg/l	<1.0	0.25 UJ	<2.5	0.50 UJ	0.50 UJ	0.50 UJ	0.50 UJ	0.50 UJ	<0.50
	1,3,5-Trimethylbenzene	EPA 8260	14.5	BCL	µg/l	<1.0	0.25 UJ	<2.5	0.50 UJ	0.50 UJ	0.50 UJ	0.50 UJ	0.50 UJ	<0.50
	Vinyl chloride	EPA 8260	2	BCL	µg/l	<1.0	<0.25	<2.5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
m,p-Xylene	EPA 8260			µg/l	<2.0	<0.50	<5.0	1.0 UJ	<1.0	<1.0	1.0 UJ	1.0 UJ	<1.0	
o-Xylene	EPA 8260	1,200	BCL	µg/l	<1.0	0.25 UJ	<2.5	0.50 UJ	0.50 UJ	0.50 UJ	0.50 UJ	0.50 UJ	<0.50	
1,2-Dibromo-3-chloropropane	EPA 8260	0.2	MCL	µg/l	2.0 UJ	0.50 UJ	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.0 UJ	
tert-Butylbenzene	EPA 8260	238	BCL	µg/l	<1.0	0.25 UJ	<2.5	0.50 UJ	0.50 UJ	0.50 UJ	0.50 UJ	0.50 UJ	<0.50	

**Notes:**

ft bgs: feet below ground surface

FD: Field Duplicate

GW: Groundwater

Above Screening Level

bold value: detection

Groundwater screening levels were selected according to the following hierarchy of criteria:

1. Maximum Contaminant Level (MCL): Primary United States Environmental Protections Agency (USEPA) maximum contaminant level (40 CFR Part 141).
2. Basic Contaminant Level (BCL): Residential water basic comparison levels in NDEP February 2015 BCL Spreadsheet or Target Water Activities for radionuclides (NDEP 2015).
3. Regional Screening Level (RSL): Tap water regional screening levels in USEPA Pacific

**Sources:**

NDEP, 2015. User's Guide and Background Technical Document for NDEP Basic

Comparison Levels (BCLs) for Human Health for the BMI Complex and

Common Areas. Revision 13, February.

USEPA, 2015. Regional Screening Levels (RSL) for Chemical Contaminants at Superfund

Sites. June.

USEPA. National Primary Drinking Water Regulations. Code of Federal Regulations,

40 CFR Part 141.

USEPA. National Secondary Drinking Water Regulations. Code of Federal Regulations,

40 CFR Part 143.

**TABLE A-3b. GRAB GROUNDWATER ANALYTICAL RESULTS IN BORINGS - AREA 4**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Residential Screening Levels		Unit	RISB-30	RISB-31	RISB-32	RISB-33	RISB-34		RISB-35	RISB-36	RISB-37
			Level	Source		32.4-40 ft bgs	32.8-40 ft bgs	32.9-40.8 ft bgs	33.4-45 ft bgs	32.2-40 ft bgs	32.2-40 ft bgs	32.8-45 ft bgs	34.7-44.9 ft bgs	31.3-40 ft bgs
						RISB-30-GW-20141118	RISB-31-GW-20141120	RISB-32-GW-20141121	RISB-33-GW-20141119	RISB-34-GW-20141120	RISB-34-GW-20141120-FD	RISB-35-GW-20141119	RISB-36-GW-20141118	RISB-37-GW-20141118

Southwest, Region 9, Regional Screening Levels Chemical Specific Parameters table, June 2015. The screening levels were selected as the minimal values of carcinogenic screening level and noncarcinogenic screening level (USEPA 2015).

4. 2<sup>nd</sup> Maximum Contaminant Level (2<sup>nd</sup> MCL): National Secondary Drinking Water Regulations (40 CFR Part 143).

**TABLE A-4. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 5**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-38		RISB-39						RISB-40			
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	0.5-1 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	0.5-1 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs
						RISB-38-0.5-20141201	RISB-38-5.0-20141201	RISB-39-0.5-20141121	RISB-39-0.5-20141202	RISB-39-5.0-20141121	RISB-39-5.0-20141121-FD	RISB-39-5.0-20141202	RISB-39-5.0-20141202-FD	RISB-40-0.5-20141121	RISB-40-0.5-20141202	RISB-40-5.0-20141121	RISB-40-5.0-20141202
Chlorates	Chlorate	EPA 300.1	1.03	BCL	mg/kg	0.17 J	14	0.078 J	--	0.80	0.84	--	--	0.091 J	--	1.2	--
	Perchlorate	EPA 314.0	0.0185	BCL	mg/kg	0.14	17	0.014 J	--	0.037 J	0.032 J	--	--	0.045	--	0.028 J	--
Common Metals	Aluminum	EPA 6010	75	BCL	mg/kg	9,700	14,000	8,700	--	9,600	9,800	--	--	10,000	--	11,000	--
	Antimony	EPA 6020	0.3	BCL	mg/kg	<0.51	<0.55	0.52 UJ	--	0.55 UJ	0.55 UJ	--	--	0.51 UJ	--	0.55 UJ	--
	Arsenic	EPA 6020	1	BCL	mg/kg	5.9	3.9	2.3	--	3.2	3.1	--	--	3.3	--	3.6	--
	Barium	EPA 6010	82	BCL	mg/kg	160	180	170 J	--	160 J	180 J	--	--	210 J	--	190 J	--
	Boron	EPA 6010	21.4	BCL	mg/kg	12	13	<2.6	--	2.7 UJ	2.7 J	--	--	3.6 J	--	5.2 J	--
	Cadmium	EPA 6010	0.4	BCL	mg/kg	<0.26	0.27 J	<0.26	--	<0.27	<0.27	--	--	<0.26	--	<0.27	--
	Chromium (total)	EPA 6010	180,000	RSL	mg/kg	13	17	11	--	13	13	--	--	16	--	14	--
	Cobalt	EPA 6010	0.453	BCL	mg/kg	5.7	7.8	7.7	--	7.5	7.6	--	--	9.1	--	6.8	--
	Copper	EPA 6010	45.8	BCL	mg/kg	16	21	19	--	18	19	--	--	20	--	18	--
	Iron	EPA 6010	7.56	BCL	mg/kg	15,000	18,000	15,000	--	15,000	16,000	--	--	15,000	--	15,000	--
	Lead	EPA 6010	13.5	RSL	mg/kg	5.0	8.5	11	--	9.3	8.7	--	--	14	--	8.6	--
	Magnesium	EPA 6010	889	BCL	mg/kg	8,500	12,000	8,300	--	8,200	8,700	--	--	9,900	--	9,500	--
	Manganese	EPA 6010	1.3	BCL	mg/kg	230	400	550	--	440	400	--	--	980	--	380	--
	Mercury	EPA 7471	0.104	BCL	mg/kg	0.022	0.014 UJ	0.26 J	--	0.080 J	0.023 J	--	--	0.028 J	--	0.014 J	--
	Molybdenum	EPA 6010	3.37	BCL	mg/kg	<1.0	<1.1	<1.0	--	<1.1	<1.1	--	--	<1.0	--	<1.1	--
	Nickel	EPA 6010	7	BCL	mg/kg	14	16	15	--	15	16	--	--	17	--	15	--
	Selenium	EPA 6020	0.3	BCL	mg/kg	<0.51	<0.55	<0.52	--	<0.55	<0.55	--	--	<0.51	--	<0.55	--
Silver	EPA 6010	0.85	BCL	mg/kg	<0.77	<0.82	<0.78	--	<0.82	<0.82	--	--	<0.77	--	<0.82	--	
Thallium	EPA 6020	0.4	BCL	mg/kg	<0.26	<0.27	<0.26	--	<0.27	<0.27	--	--	<0.26	--	<0.27	--	
Zinc	EPA 6010	620	BCL	mg/kg	29	36	37	--	31	35	--	--	47	--	32	--	
Hexavalent Chromium	Chromium VI	EPA 7199	2	BCL	mg/kg	<0.41	<0.44	<0.42	--	<0.44	<0.43	--	--	<0.42	--	<0.45	--
Rare Metals	Niobium	EPA 6020	1.17	BCL	mg/kg	1.7 UJ	1.9 UJ	<1.7 R	--	<2.0 R	<1.9 R	--	--	2.3 J	--	<1.9 R	--
	Palladium	EPA 6020			mg/kg	<0.048	<0.054	<0.054	--	<0.057	<0.052	--	--	<0.050	--	<0.057	--
	Strontium	EPA 6010	422	RSL	mg/kg	300	320	130	--	150	170	--	--	180	--	220	--
	Tungsten	EPA 6010	37.6	BCL	mg/kg	5.1 UJ	5.5 UJ	5.2 UJ	--	5.5 UJ	5.5 UJ	--	--	5.1 UJ	--	5.5 UJ	--
	Zirconium	EPA 6010	4.79	RSL	mg/kg	25 J	30 J	20	--	20	20	--	--	26	--	23	--
VOCs	Acetone	EPA 8260	0.8	BCL	mg/kg	<0.0080	<0.0086	0.0082 UJ	<0.0077	0.0085 UJ	0.0080 UJ	<0.0083	<0.0079	0.015 UJ	<0.0077	0.0092 UJ	<0.0082
	t-Amyl methyl ether	EPA 8260			mg/kg	<0.0010	<0.0011	0.0010 UJ	0.00096 UJ	0.0011 UJ	0.00099 UJ	0.0010 UJ	0.00099 UJ	0.0019 UJ	0.00096 UJ	0.0012 UJ	0.0010 UJ
	Benzene	EPA 8260	0.002	BCL	mg/kg	<0.00050	<0.00054	0.00052 UJ	<0.00048	0.00053 UJ	0.00050 UJ	<0.00052	<0.00049	0.00097 UJ	<0.00048	0.00058 UJ	<0.00051
	Bromobenzene	EPA 8260	0.0421	RSL	mg/kg	<0.0010	<0.0011	0.0010 UJ	<0.00096	0.0011 UJ	0.00099 UJ	<0.0010	<0.00099	0.0019 UJ	<0.00096	0.0012 UJ	<0.0010
	Bromochloromethane	EPA 8260			mg/kg	<0.0010	<0.0011	0.0010 UJ	<0.00096	0.0011 UJ	0.00099 UJ	<0.0010	<0.00099	0.0019 UJ	<0.00096	0.0012 UJ	<0.0010
	Bromodichloromethane	EPA 8260	0.03	BCL	mg/kg	<0.00050	<0.00054	0.00052 UJ	<0.00048	0.00053 UJ	0.00050 UJ	<0.00052	<0.00049	0.00097 UJ	<0.00048	0.00058 UJ	<0.00051
	Bromoform	EPA 8260	0.04	BCL	mg/kg	0.0010 UJ	0.0011 UJ	0.0010 UJ	<0.00096	0.0011 UJ	0.00099 UJ	<0.0010	<0.00099	0.0019 UJ	<0.00096	0.0012 UJ	<0.0010
	Bromomethane	EPA 8260	0.01	BCL	mg/kg	0.0010 UJ	0.0011 UJ	0.0010 UJ	<0.00096	0.0011 UJ	0.00099 UJ	<0.0010	<0.00099	0.0019 UJ	<0.00096	0.0012 UJ	<0.0010
	2-Butanone	EPA 8260	1.16	RSL	mg/kg	<0.0050	<0.0054	0.0052 UJ	<0.0048	0.0053 UJ	0.0050 UJ	<0.0052	<0.0049	0.0097 UJ	<0.0048	0.0058 UJ	<0.0051
	n-Butylbenzene	EPA 8260	3.23	RSL	mg/kg	<0.0010	<0.0011	0.0010 UJ	<0.00096	0.0011 UJ	0.00099 UJ	<0.0010	<0.00099	0.0019 UJ	<0.00096	0.0012 UJ	<0.0010
	sec-Butylbenzene	EPA 8260	5.87	RSL	mg/kg	<0.0010	<0.0011	0.0010 UJ	<0.00096	0.0011 UJ	0.00099 UJ	<0.0010	<0.00099	0.0019 UJ	<0.00096	0.0012 UJ	<0.0010
	Carbon tetrachloride	EPA 8260	0.003	BCL	mg/kg	0.00050 UJ	0.00054 UJ	0.00052 UJ	<0.00048	0.00053 UJ	0.00050 UJ	<0.00052	<0.00049	0.00097 UJ	<0.00048	0.00058 UJ	<0.00051
	Chlorobenzene	EPA 8260	0.07	BCL	mg/kg	<0.00050	<0.00054	0.00052 UJ	<0.00048	0.00053 UJ	0.00050 UJ	<0.00052	<0.00049	0.00097 UJ	<0.00048	0.00058 UJ	<0.00051
	Chloroethane	EPA 8260	5.92	RSL	mg/kg	0.0010 UJ	0.0011 UJ	0.0010 UJ	<0.00096	0.0011 UJ	0.00099 UJ	<0.0010	<0.00099	0.0019 UJ	<0.00096	0.0012 UJ	<0.0010
	Chloroform	EPA 8260	0.03	BCL	mg/kg	<0.00050	<0.00054	0.00052 UJ	<0.00048	0.00053 UJ	0.00050 UJ	<0.00052	<0.00049	0.00097 UJ	<0.00048	0.00058 UJ	<0.00051
	Chloromethane	EPA 8260	0.0486	RSL	mg/kg	<0.0010	<0.0011	0.0010 UJ	<0.00096	0.0011 UJ	0.00099 UJ	<0.0010	<0.00099	0.0019 UJ	<0.00096	0.0012 UJ	<0.0010
	2-Chlorotoluene	EPA 8260	0.231	RSL	mg/kg	<0.0010	<0.0011	0.0010 UJ	<0.00096	0.0011 UJ	0.00099 UJ	<0.0010	<0.00099	0.0019 UJ	<0.00096	0.0012 UJ	<0.0010
	4-Chlorotoluene	EPA 8260	0.241	RSL	mg/kg	<0.0010	<0.0011	0.0010 UJ	<0.00096	0.0011 UJ	0.00099 UJ	<0.0010	<0.00099	0.0019 UJ	<0.00096	0.0012 UJ	<0.0010
	Cumene	EPA 8260	0.738	RSL	mg/kg	<0.00050	<0.00054	0.00052 UJ	<0.00048	0.00053 UJ	0.00050 UJ	<0.00052	<0.00049	0.00097 UJ	<0.00048	0.00058 UJ	<0.00051
	p-Cymene	EPA 8260	3.91	CAL	mg/kg	<0.00050	<0.00054	0.00052 UJ	<0.00048	0.00053 UJ	0.00050 UJ	<0.00052	<0.00049	0.00097 UJ	<0.00048	0.00058 UJ	<0.00051

**TABLE A-4. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 5**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-38		RISB-39						RISB-40			
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	0.5-1 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	0.5-1 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs
						RISB-38-0.5-20141201	RISB-38-5.0-20141201	RISB-39-0.5-20141121	RISB-39-0.5-20141202	RISB-39-5.0-20141121	RISB-39-5.0-20141121-FD	RISB-39-5.0-20141202	RISB-39-5.0-20141202-FD	RISB-40-0.5-20141121	RISB-40-0.5-20141202	RISB-40-5.0-20141121	RISB-40-5.0-20141202
VOCs	Dibromochloromethane	EPA 8260	0.02	BCL	mg/kg	0.00050 UJ	0.00054 UJ	0.00052 UJ	<0.00048	0.00053 UJ	0.00050 UJ	<0.00052	<0.00049	0.00097 UJ	<0.00048	0.00058 UJ	<0.00051
	1,2-Dibromoethane	EPA 8260	0.0000141	RSL	mg/kg	<0.00050	<0.00054	0.00052 UJ	<0.00048	0.00053 UJ	0.00050 UJ	<0.00052	<0.00049	0.00097 UJ	<0.00048	0.00058 UJ	<0.00051
	Dibromomethane	EPA 8260	0.00197	RSL	mg/kg	<0.00050	<0.00054	0.00052 UJ	<0.00048	0.00053 UJ	0.00050 UJ	<0.00052	<0.00049	0.00097 UJ	<0.00048	0.00058 UJ	<0.00051
	1,2-Dichlorobenzene	EPA 8260	0.9	BCL	mg/kg	<0.00050	<0.00054	0.00052 UJ	<0.00048	0.00053 UJ	0.00050 UJ	<0.00052	<0.00049	0.00097 UJ	<0.00048	0.00058 UJ	<0.00051
	1,3-Dichlorobenzene	EPA 8260	0.0473	CAL	mg/kg	<0.00050	<0.00054	0.00052 UJ	<0.00048	0.00053 UJ	0.00050 UJ	<0.00052	<0.00049	0.00097 UJ	<0.00048	0.00058 UJ	<0.00051
	1,4-Dichlorobenzene	EPA 8260	0.1	BCL	mg/kg	<0.00050	<0.00054	0.00052 UJ	<0.00048	0.00053 UJ	0.00050 UJ	<0.00052	<0.00049	0.00097 UJ	<0.00048	0.00058 UJ	<0.00051
	Dichlorodifluoromethane	EPA 8260	0.304	RSL	mg/kg	0.0010 UJ	0.0011 UJ	0.0010 UJ	0.00096 UJ	0.0011 UJ	0.00099 UJ	0.0010 UJ	0.00099 UJ	0.0019 UJ	0.00096 UJ	0.0012 UJ	0.0010 UJ
	1,1-Dichloroethane	EPA 8260	1	BCL	mg/kg	<0.00050	<0.00054	0.00052 UJ	<0.00048	0.00053 UJ	0.00050 UJ	<0.00052	<0.00049	0.00097 UJ	<0.00048	0.00058 UJ	<0.00051
	1,2-Dichloroethane	EPA 8260	0.001	BCL	mg/kg	<0.00050	<0.00054	0.00052 UJ	<0.00048	0.00053 UJ	0.00050 UJ	<0.00052	<0.00049	0.00097 UJ	<0.00048	0.00058 UJ	<0.00051
	1,1-Dichloroethene	EPA 8260	0.003	BCL	mg/kg	<0.00050	<0.00054	0.00052 UJ	<0.00048	0.00053 UJ	0.00050 UJ	<0.00052	<0.00049	0.00097 UJ	<0.00048	0.00058 UJ	<0.00051
	cis-1,2-Dichloroethene	EPA 8260	0.02	BCL	mg/kg	<0.00050	<0.00054	0.00052 UJ	<0.00048	0.00053 UJ	0.00050 UJ	<0.00052	<0.00049	0.00097 UJ	<0.00048	0.00058 UJ	<0.00051
	trans-1,2-Dichloroethene	EPA 8260	0.03	BCL	mg/kg	<0.00050	<0.00054	0.00052 UJ	<0.00048	0.00053 UJ	0.00050 UJ	<0.00052	<0.00049	0.00097 UJ	<0.00048	0.00058 UJ	<0.00051
	1,2-Dichloropropane	EPA 8260	0.001	BCL	mg/kg	<0.00050	<0.00054	0.00052 UJ	<0.00048	0.00053 UJ	0.00050 UJ	<0.00052	<0.00049	0.00097 UJ	<0.00048	0.00058 UJ	<0.00051
	1,3-Dichloropropane	EPA 8260	0.001	BCL	mg/kg	<0.00050	<0.00054	0.00052 UJ	<0.00048	0.00053 UJ	0.00050 UJ	<0.00052	<0.00049	0.00097 UJ	<0.00048	0.00058 UJ	<0.00051
	2,2-Dichloropropane	EPA 8260			mg/kg	0.0010 UJ	0.0011 UJ	0.0010 UJ	0.00096 UJ	0.0011 UJ	0.00099 UJ	0.0010 UJ	0.00099 UJ	0.0019 UJ	0.00096 UJ	0.0012 UJ	0.0010 UJ
	1,1-Dichloropropene	EPA 8260			mg/kg	<0.00050	<0.00054	0.00052 UJ	<0.00048	0.00053 UJ	0.00050 UJ	<0.00052	<0.00049	0.00097 UJ	<0.00048	0.00058 UJ	<0.00051
	cis-1,3-Dichloropropene	EPA 8260			mg/kg	<0.00050	<0.00054	0.00052 UJ	<0.00048	0.00053 UJ	0.00050 UJ	<0.00052	<0.00049	0.00097 UJ	<0.00048	0.00058 UJ	<0.00051
	trans-1,3-Dichloropropene	EPA 8260			mg/kg	<0.00050	<0.00054	0.00052 UJ	<0.00048	0.00053 UJ	0.00050 UJ	<0.00052	<0.00049	0.00097 UJ	<0.00048	0.00058 UJ	<0.00051
	Diisopropyl ether	EPA 8260			mg/kg	<0.0010	<0.0011	0.0010 UJ	<0.00096	0.0011 UJ	0.00099 UJ	<0.0010	<0.00099	0.0019 UJ	<0.00096	0.0012 UJ	<0.0010
	Ethyl benzene	EPA 8260	0.7	BCL	mg/kg	<0.00050	<0.00054	0.00052 UJ	<0.00048	0.00053 UJ	0.00050 UJ	<0.00052	<0.00049	0.00097 UJ	<0.00048	0.00058 UJ	<0.00051
	Ethyl tert-butyl ether	EPA 8260			mg/kg	<0.0010	<0.0011	0.0010 UJ	0.00096 UJ	0.0011 UJ	0.00099 UJ	0.0010 UJ	0.00099 UJ	0.0019 UJ	0.00096 UJ	0.0012 UJ	0.0010 UJ
	Hexachlorobutadiene	EPA 8260	0.1	BCL	mg/kg	<0.0010	<0.0011	0.0010 UJ	<0.00096	0.0011 UJ	0.00099 UJ	<0.0010	<0.00099	0.0019 UJ	<0.00096	0.0012 UJ	<0.0010
	2-Hexanone	EPA 8260			mg/kg	<0.0050	<0.0054	0.0052 UJ	<0.0048	0.0053 UJ	0.0050 UJ	<0.0052	<0.0049	0.0097 UJ	<0.0048	0.0058 UJ	<0.0051
	Methyl tert-butyl ether	EPA 8260			mg/kg	<0.0010	<0.0011	0.0010 UJ	0.00096 UJ	0.0011 UJ	0.00099 UJ	0.0010 UJ	0.00099 UJ	0.0019 UJ	0.00096 UJ	0.0012 UJ	0.0010 UJ
	Methylene chloride	EPA 8260	0.001	BCL	mg/kg	<0.0050	<0.0054	0.0052 UJ	<0.0048	0.0053 UJ	0.0050 UJ	<0.0052	<0.0049	0.0097 UJ	<0.0048	0.0058 UJ	<0.0051
	Naphthalene	EPA 8260	4	BCL	mg/kg	<0.0010	<0.0011	0.0010 UJ	<0.00096	0.0011 UJ	0.00099 UJ	<0.0010	<0.00099	0.0019 UJ	<0.00096	0.0012 UJ	<0.0010
	n-Propylbenzene	EPA 8260	1.22	RSL	mg/kg	<0.00050	<0.00054	0.00052 UJ	<0.00048	0.00053 UJ	0.00050 UJ	<0.00052	<0.00049	0.00097 UJ	<0.00048	0.00058 UJ	<0.00051
	Styrene	EPA 8260	0.2	BCL	mg/kg	<0.00050	<0.00054	0.00052 UJ	<0.00048	0.00053 UJ	0.00050 UJ	<0.00052	<0.00049	0.00097 UJ	<0.00048	0.00058 UJ	<0.00051
	1,1,1,2-Tetrachloroethane	EPA 8260	0.000218	RSL	mg/kg	<0.0010	<0.0011	0.0010 UJ	<0.00096	0.0011 UJ	0.00099 UJ	<0.0010	<0.00099	0.0019 UJ	<0.00096	0.0012 UJ	<0.0010
	1,1,2,2-Tetrachloroethane	EPA 8260	0.0002	BCL	mg/kg	<0.0010	<0.0011	0.0010 UJ	<0.00096	0.0011 UJ	0.00099 UJ	<0.0010	<0.00099	0.0019 UJ	<0.00096	0.0012 UJ	<0.0010
	Tetrachloroethene	EPA 8260	0.003	BCL	mg/kg	<0.00050	<0.00054	0.00052 UJ	<0.00048	0.00053 UJ	0.00050 UJ	<0.00052	<0.00049	0.00097 UJ	<0.00048	0.00058 UJ	<0.00051
	Toluene	EPA 8260	0.6	BCL	mg/kg	<0.00050	<0.00054	0.00052 UJ	<0.00048	0.00053 UJ	0.00050 UJ	<0.00052	<0.00049	0.00097 UJ	<0.00048	0.00058 UJ	<0.00051
	1,2,3-Trichlorobenzene	EPA 8260	0.0209	RSL	mg/kg	<0.0010	<0.0011	0.0010 UJ	<0.00096	0.0011 UJ	0.00099 UJ	<0.0010	<0.00099	0.0019 UJ	<0.00096	0.0012 UJ	<0.0010
	1,2,4-Trichlorobenzene	EPA 8260	0.3	BCL	mg/kg	<0.0010	<0.0011	0.0010 UJ	<0.00096	0.0011 UJ	0.00099 UJ	<0.0010	<0.00099	0.0019 UJ	<0.00096	0.0012 UJ	<0.0010
	1,1,1-Trichloroethane	EPA 8260	0.1	BCL	mg/kg	<0.00050	<0.00054	0.00052 UJ	<0.00048	0.00053 UJ	0.00050 UJ	<0.00052	<0.00049	0.00097 UJ	<0.00048	0.00058 UJ	<0.00051
	1,1,2-Trichloroethane	EPA 8260	0.0009	BCL	mg/kg	<0.00050	<0.00054	0.00052 UJ	<0.00048	0.00053 UJ	0.00050 UJ	<0.00052	<0.00049	0.00097 UJ	<0.00048	0.00058 UJ	<0.00051
	Trichloroethene	EPA 8260	0.003	BCL	mg/kg	<0.00050	<0.00054	0.00052 UJ	<0.00048	0.00053 UJ	0.00050 UJ	<0.00052	<0.00049	0.00097 UJ	<0.00048	0.00058 UJ	<0.00051
	Trichlorofluoromethane	EPA 8260	0.731	RSL	mg/kg	<0.0010	<0.0011	0.0010 UJ	<0.00096	0.0011 UJ	0.00099 UJ	<0.0010	<0.00099	0.0019 UJ	<0.00096	0.0012 UJ	<0.0010
	1,2,3-Trichloropropane	EPA 8260	0.00000323	RSL	mg/kg	<0.0010	<0.0011	0.0010 UJ	0.00096 UJ	0.0011 UJ	0.00099 UJ	0.0010 UJ	0.00099 UJ	0.0019 UJ	0.00096 UJ	0.0012 UJ	0.0010 UJ
	1,2,4-Trimethylbenzene	EPA 8260	0.0212	RSL	mg/kg	<0.0010	<0.0011	0.0010 UJ	<0.00096	0.0011 UJ	0.00099 UJ	<0.0010	<0.00099	0.0019 UJ	<0.00096	0.0012 UJ	<0.0010
1,3,5-Trimethylbenzene	EPA 8260	0.167	RSL	mg/kg	<0.0010	<0.0011	0.0010 UJ	<0.00096	0.0011 UJ	0.00099 UJ	<0.0010	<0.00099	0.0019 UJ	<0.00096	0.0012 UJ	<0.0010	
Vinyl chloride	EPA 8260	0.0007	BCL	mg/kg	<0.0010	<0.0011	0.0010 UJ	<0.00096	0.0011 UJ	0.00099 UJ	<0.0010	<0.00099	0.0019 UJ	<0.00096	0.0012 UJ	<0.0010	
m,p-Xylene	EPA 8260			mg/kg	<0.0010	<0.0011	0.0010 UJ	<0.00096	0.0011 UJ	0.00099 UJ	<0.0010	<0.00099	0.0019 UJ	<0.00096	0.0012 UJ	<0.0010	
o-Xylene	EPA 8260	9	BCL	mg/kg	<0.00050	<0.00054	0.00052 UJ	<0.00048	0.00053 UJ	0.00050 UJ	<0.00052	<0.00049	0.00097 UJ	<0.00048	0.00058 UJ	<0.00051	
1,2-Dibromo-3-chloropropane	EPA 8260	0.0000864	RSL	mg/kg	0.0020 UJ	0.0022 UJ	0.0021 UJ	<0.0019	0.0021 UJ	0.0020 UJ	<0.0021	<0.0020	0.0039 UJ	<0.0019	0.0023 UJ	<0.0020	
4-Methyl-2-pentanone	EPA 8260			mg/kg	<0.0025	<0.0027	0.0026 UJ	<0.0024	0.0026 UJ	0.0025 UJ	<0.0026	<0.0025	0.0048 UJ	<0.0024	0.0029 UJ	<0.0026	
tert Butyl alcohol	EPA 8260			mg/kg	<0.010	<0.011	0.010 UJ	<0.0096	0.011 UJ	0.0099 UJ	<0.010	<0.0099	0.019 UJ	<0.0096	0.012 UJ	<0.010	
tert-Butylbenzene	EPA 8260	1.55	RSL	mg/kg	<0.0010	<0.0011	0.0010 UJ	<0.00096	0.0011 UJ	0.00099 UJ	<0.0010	<0.00099	0.0019 UJ	<0.00096	0.0012 UJ	<0.0010	

**TABLE A-4. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 5**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-38		RISB-39						RISB-40			
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	0.5-1 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	0.5-1 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs
						RISB-38-0.5-20141201	RISB-38-5.0-20141201	RISB-39-0.5-20141121	RISB-39-0.5-20141202	RISB-39-5.0-20141121	RISB-39-5.0-20141121-FD	RISB-39-5.0-20141202	RISB-39-5.0-20141202-FD	RISB-40-0.5-20141121	RISB-40-0.5-20141202	RISB-40-5.0-20141121	RISB-40-5.0-20141202
SVOCs	Acenaphthene	EPA 8270	29	BCL	mg/kg	<0.068	<0.074	<0.069	--	<0.072	<0.073	--	--	<0.069	--	<0.074	--
	Acenaphthene	EPA 8270-SIM	29	BCL	mg/kg	<0.0041	<0.0044	<0.0042	--	<0.0043	<0.0044	--	--	<0.0041	--	<0.0044	--
	Aniline	EPA 8270	0.00456	RSL	mg/kg	<0.086	0.094 UJ	<0.088	--	<0.092	<0.092	--	--	<0.087	--	<0.093	--
	Anthracene	EPA 8270	590	BCL	mg/kg	<0.081	<0.088	<0.083	--	<0.087	<0.087	--	--	<0.082	--	<0.088	--
	Anthracene	EPA 8270-SIM	590	BCL	mg/kg	<0.0041	<0.0044	<0.0042	--	<0.0043	<0.0044	--	--	<0.0041	--	<0.0044	--
	Benzidine	EPA 8270			mg/kg	0.67 UJ	0.73 UJ	0.68 UJ	--	0.71 UJ	0.72 UJ	--	--	0.68 UJ	--	0.72 UJ	--
	Benzo(k)fluoranthene	EPA 8270	2	BCL	mg/kg	<b>0.094 J</b>	<0.077	<0.073	--	<0.076	<0.076	--	--	<0.072	--	<0.077	--
	Benzo(k)fluoranthene	EPA 8270-SIM	2	BCL	mg/kg	<0.0041	<0.0044	<0.0042	--	<0.0043	<0.0044	--	--	<0.0041	--	<0.0044	--
	Benzoic acid	EPA 8270	20	BCL	mg/kg	<0.34	<0.38	<0.35	--	<0.37	<0.37	--	--	<0.35	--	<0.37	--
	Benzyl alcohol	EPA 8270	0.476	RSL	mg/kg	<0.15	<0.17	<0.16	--	<0.16	<0.16	--	--	<0.15	--	<0.16	--
	4-Bromophenyl-phenyl ether	EPA 8270			mg/kg	<0.076	<0.083	<0.078	--	<0.081	<0.081	--	--	<0.077	--	<0.082	--
	Butylbenzylphthalate	EPA 8270	810	BCL	mg/kg	<0.081	<0.088	<0.083	--	<0.087	<0.087	--	--	<0.082	--	<0.088	--
	4-Chloroaniline	EPA 8270	0.03	BCL	mg/kg	<0.13	<0.15	<0.14	--	<0.14	<0.14	--	--	<0.14	--	<0.15	--
	2-Chloronaphthalene	EPA 8270	3.85	RSL	mg/kg	<0.068	<0.074	<0.069	--	<0.072	<0.073	--	--	<0.069	--	<0.074	--
	2-Chlorophenol	EPA 8270	0.2	BCL	mg/kg	<0.071	<0.077	<0.073	--	<0.076	<0.076	--	--	<0.072	--	<0.077	--
	4-Chlorophenyl-phenyl ether	EPA 8270			mg/kg	<0.086	<0.094	<0.088	--	<0.092	<0.092	--	--	<0.087	--	<0.093	--
	Chrysene	EPA 8270	8	BCL	mg/kg	<0.076	<0.083	<0.078	--	<0.081	<0.081	--	--	<0.077	--	<0.082	--
	Chrysene	EPA 8270-SIM	8	BCL	mg/kg	<0.0041	<0.0044	<0.0042	--	<0.0043	<0.0044	--	--	<b>0.0045 J</b>	--	<0.0044	--
	Di-n-butylphthalate	EPA 8270	270	BCL	mg/kg	<0.091	<0.099	<0.093	--	<0.097	<0.098	--	--	<0.092	--	<0.099	--
	Di-n-octylphthalate	EPA 8270	56.5	RSL	mg/kg	<0.091	<0.099	<0.093	--	<0.097	<0.098	--	--	<0.092	--	<0.099	--
	Dibenz(a,h)anthracene	EPA 8270	0.08	BCL	mg/kg	<0.10	<0.11	<0.10	--	<0.11	<0.11	--	--	<0.10	--	<0.11	--
	Dibenz(a,h)anthracene	EPA 8270-SIM	0.08	BCL	mg/kg	<0.0041	<0.0044	<0.0042	--	<0.0043	<0.0044	--	--	<0.0041	--	<0.0044	--
	Dibenzofuran	EPA 8270	0.145	RSL	mg/kg	<0.068	<0.074	<0.069	--	<0.072	<0.073	--	--	<0.069	--	<0.074	--
	3,3'-Dichlorobenzidine	EPA 8270	0.0003	BCL	mg/kg	<0.15	<0.17	<0.16	--	<0.16	<0.16	--	--	<0.15	--	<0.16	--
	2,4-Dichlorophenol	EPA 8270	0.05	BCL	mg/kg	<0.068	<0.074	<0.069	--	<0.072	<0.073	--	--	<0.069	--	<0.074	--
	Diethylphthalate	EPA 8270	6.08	RSL	mg/kg	<0.096	<0.10	<0.098	--	<0.10	<0.10	--	--	<0.098	--	<0.10	--
	2,4-Dimethylphenol	EPA 8270	0.4	BCL	mg/kg	<0.13	<0.14	<0.13	--	<0.14	<0.14	--	--	<0.13	--	<0.14	--
	Dimethylphthalate	EPA 8270			mg/kg	<0.068	<0.074	<0.069	--	<0.072	<0.073	--	--	<0.069	--	<0.074	--
	2,4-Dinitrophenol	EPA 8270	0.01	BCL	mg/kg	<0.33	<0.36	<0.34	--	<0.36	<0.36	--	--	<0.34	--	<0.36	--
	2,4-Dinitrotoluene	EPA 8270	0.00004	BCL	mg/kg	<0.081	<0.088	<0.083	--	<0.087	<0.087	--	--	<0.082	--	<0.088	--
	2,6-Dinitrotoluene	EPA 8270	0.00003	BCL	mg/kg	<0.096	<0.10	<0.098	--	<0.10	<0.10	--	--	<0.098	--	<0.10	--
	Fluoranthene	EPA 8270	210	BCL	mg/kg	<0.071	<0.077	<0.073	--	<0.076	<0.076	--	--	<0.072	--	<0.077	--
	Fluoranthene	EPA 8270-SIM	210	BCL	mg/kg	<0.0041	<0.0044	<0.0042	--	<0.0043	<0.0044	--	--	<b>0.0047 J</b>	--	<0.0044	--
	Fluorene	EPA 8270	28	BCL	mg/kg	<0.071	<0.077	<0.073	--	<0.076	<0.076	--	--	<0.072	--	<0.077	--
	Fluorene	EPA 8270-SIM	28	BCL	mg/kg	<0.0041	<0.0044	<0.0042	--	<0.0043	<0.0044	--	--	<0.0041	--	<0.0044	--
	Hexachlorobenzene	EPA 8270	0.1	BCL	mg/kg	<0.071	<0.077	<0.073	--	<0.076	<0.076	--	--	<b>0.28 J</b>	--	<0.077	--
	Hexachlorocyclopentadiene	EPA 8270	20	BCL	mg/kg	<0.13	<0.15	<0.14	--	<0.14	<0.14	--	--	<0.14	--	<0.15	--
	Hexachloroethane	EPA 8270	0.02	BCL	mg/kg	<0.13	<0.15	<0.14	--	<0.14	<0.14	--	--	<0.14	--	<0.15	--
	Isophorone	EPA 8270	0.03	BCL	mg/kg	<0.068	<0.074	<0.069	--	<0.072	<0.073	--	--	<0.069	--	<0.074	--
	1-Methylnaphthalene	EPA 8270	0.00584	RSL	mg/kg	<0.15	<0.17	<0.16	--	<0.16	<0.16	--	--	<0.15	--	<0.16	--
2-Methylnaphthalene	EPA 8270	0.185	RSL	mg/kg	<0.071	<0.077	<0.073	--	<0.076	<0.076	--	--	<0.072	--	<0.077	--	
2-Methylphenol	EPA 8270	0.8	BCL	mg/kg	<0.081	<0.088	<0.083	--	<0.087	<0.087	--	--	<0.082	--	<0.088	--	
3&4-Methylphenol	EPA 8270			mg/kg	<0.13	<0.15	<0.14	--	<0.14	<0.14	--	--	<0.14	--	<0.15	--	
Naphthalene	EPA 8270	4	BCL	mg/kg	<0.068	<0.074	<0.069	--	<0.072	<0.073	--	--	<0.069	--	<0.074	--	
Naphthalene	EPA 8270-SIM	4	BCL	mg/kg	<0.0041	<0.0044	<0.0042	--	<0.0043	<0.0044	--	--	<0.0041	--	<0.0044	--	
2-Nitroaniline	EPA 8270	0.0801	RSL	mg/kg	<0.068	<0.074	<0.069	--	<0.072	<0.073	--	--	<0.069	--	<0.074	--	
3-Nitroaniline	EPA 8270			mg/kg	<0.13	<0.15	<0.14	--	<0.14	<0.14	--	--	<0.14	--	<0.15	--	
4-Nitroaniline	EPA 8270	0.00158	RSL	mg/kg	<0.13	<0.15	<0.14	--	<0.14	<0.14	--	--	<0.14	--	<0.15	--	

**TABLE A-4. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 5**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-38		RISB-39						RISB-40			
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	0.5-1 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	0.5-1 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs
						RISB-38-0.5-20141201	RISB-38-5.0-20141201	RISB-39-0.5-20141121	RISB-39-0.5-20141202	RISB-39-5.0-20141121	RISB-39-5.0-20141121-FD	RISB-39-5.0-20141202	RISB-39-5.0-20141202-FD	RISB-40-0.5-20141121	RISB-40-0.5-20141202	RISB-40-5.0-20141121	RISB-40-5.0-20141202
SVOCs	Nitrobenzene	EPA 8270	0.007	BCL	mg/kg	<0.071	<0.077	<0.073	--	<0.076	<0.076	--	--	<0.072	--	<0.077	--
	2-Nitrophenol	EPA 8270			mg/kg	<0.13	<0.15	<0.14	--	<0.14	<0.14	--	--	<0.14	--	<0.15	--
	4-Nitrophenol	EPA 8270			mg/kg	<0.14	0.15 UJ	<0.15	--	<0.15	<0.15	--	--	<0.14	--	<0.15	--
	n-Nitrosodiphenylamine	EPA 8270	0.06	BCL	mg/kg	<0.081	<0.088	<0.083	--	<0.087	<0.087	--	--	<0.082	--	<0.088	--
	Octachlorostyrene	EPA 8270			mg/kg	<2.3	<2.5	<2.4	--	<2.5	<2.5	--	--	<2.4	--	<2.5	--
	Pentachlorophenol	EPA 8270	0.001	BCL	mg/kg	0.34 UJ	<0.38	<0.35	--	<0.37	<0.37	--	--	<0.35	--	<0.37	--
	Phenol	EPA 8270	5	BCL	mg/kg	<0.091	<0.099	<0.093	--	<0.097	<0.098	--	--	<0.092	--	<0.099	--
	Pyrene	EPA 8270	210	BCL	mg/kg	<0.081	<0.088	<0.083	--	<0.087	<0.087	--	--	<0.082	--	<0.088	--
	Pyrene	EPA 8270-SIM	210	BCL	mg/kg	<0.0041	<0.0044	<0.0042	--	<0.0043	<0.0044	--	--	<0.0041	--	<0.0044	--
	Pyridine	EPA 8270			mg/kg	<0.15	<0.17	<0.16	--	<0.16	<0.16	--	--	<0.15	--	<0.16	--
	2,4,5-Trichlorophenol	EPA 8270	14	BCL	mg/kg	<0.13	<0.14	<0.13	--	<0.14	<0.14	--	--	<0.13	--	<0.14	--
	2,4,6-Trichlorophenol	EPA 8270	0.008	BCL	mg/kg	<0.076	<0.083	<0.078	--	<0.081	<0.081	--	--	<0.077	--	<0.082	--
	bis(2-Chloroethoxy)methane	EPA 8270	0.0135	RSL	mg/kg	<0.13	<0.15	<0.14	--	<0.14	<0.14	--	--	<0.14	--	<0.15	--
	bis(2-Chloroethyl) ether	EPA 8270	0.00002	BCL	mg/kg	<0.071	<0.077	<0.073	--	<0.076	<0.076	--	--	<0.072	--	<0.077	--
	bis(2-Ethylhexyl)phthalate	EPA 8270	180	BCL	mg/kg	<0.091	<0.099	<0.093	--	<0.097	<0.098	--	--	<0.092	--	<0.099	--
4-Chloro-3-methylphenol	EPA 8270	1.71	RSL	mg/kg	<0.071	<0.077	<0.073	--	<0.076	<0.076	--	--	<0.072	--	<0.077	--	
n-Nitroso-di-n-propylamine	EPA 8270	0.000002	BCL	mg/kg	<0.071	<0.077	<0.073	--	<0.076	<0.076	--	--	<0.072	--	<0.077	--	
Organo-chlorine Pesticides	Aldrin	EPA 8081	0.02	BCL	mg/kg	<0.0015	<0.0016	<0.0016	--	<0.0016	<0.0016	--	--	<0.0015	--	<0.0017	--
	alpha-BHC	EPA 8081	0.0266	BCL	mg/kg	<0.0015	<0.0016	<0.0016	--	<0.0016	<0.0016	--	--	<0.0015	--	<0.0017	--
	beta-BHC	EPA 8081	0.00545	BCL	mg/kg	<b>0.014</b>	<0.0016	<b>0.021 J</b>	--	<b>0.0043 J</b>	<b>0.0030 J</b>	--	--	<b>0.037 J</b>	--	<0.0017	--
	delta-BHC	EPA 8081	28.1	BCL	mg/kg	<0.0015	<0.0016	<0.0016	--	<0.0016	<0.0016	--	--	<0.0015	--	<0.0017	--
	gamma-BHC	EPA 8081	0.0005	BCL	mg/kg	<0.0015	<0.0016	<0.0016	--	<0.0016	<0.0016	--	--	<0.0015	--	<0.0017	--
	alpha-Chlordane	EPA 8081			mg/kg	<0.0021	<0.0022	<0.0021	--	<0.0022	<0.0022	--	--	<0.0021	--	<0.0022	--
	gamma-Chlordane	EPA 8081			mg/kg	<0.0015	<0.0016	<0.0016	--	<0.0016	<0.0016	--	--	<0.0015	--	<0.0017	--
	4,4'-DDD	EPA 8081	0.8	BCL	mg/kg	<0.0015	<0.0016	<0.0016	--	<0.0016	<0.0016	--	--	<0.0015	--	<0.0017	--
	2,4'-DDE	EPA 8081			mg/kg	<0.0015	<0.0016	<b>0.0093 J</b>	--	<b>0.0021 J</b>	<b>0.0016 J</b>	--	--	<b>0.033 J</b>	--	<0.0017	--
	4,4'-DDE	EPA 8081	3	BCL	mg/kg	<0.0015	<0.0016	<b>0.015 J</b>	--	<b>0.0030 J</b>	<b>0.0024 J</b>	--	--	<b>0.071</b>	--	<0.0017	--
	4,4'-DDT	EPA 8081	2	BCL	mg/kg	<0.0015	<0.0016	<b>0.0099 J</b>	--	<0.0016	<0.0016	--	--	<b>0.045</b>	--	<0.0017	--
	Dieldrin	EPA 8081	0.0002	BCL	mg/kg	<0.0015	<0.0016	<0.0016	--	<0.0016	<0.0016	--	--	<0.0015	--	<0.0017	--
	Endosulfan I	EPA 8081			mg/kg	<0.0015	<0.0016	<0.0016	--	<0.0016	<0.0016	--	--	<0.0015	--	<0.0017	--
	Endosulfan II	EPA 8081			mg/kg	<0.0015	<0.0016	<0.0016	--	<0.0016	<0.0016	--	--	<0.0015	--	<0.0017	--
	Endosulfan sulfate	EPA 8081			mg/kg	<0.0021	<0.0022	<0.0021	--	<0.0022	<0.0022	--	--	<0.0021	--	<0.0022	--
	Endrin	EPA 8081	0.05	BCL	mg/kg	<0.0015	<0.0016	<0.0016	--	<0.0016	<0.0016	--	--	<0.0015	--	<0.0017	--
	Endrin aldehyde	EPA 8081			mg/kg	<0.0015	<0.0016	<0.0016	--	<0.0016	<0.0016	--	--	<0.0015	--	<0.0017	--
	Endrin ketone	EPA 8081			mg/kg	<0.0021	<0.0022	<0.0021	--	<0.0022	<0.0022	--	--	<0.0021	--	<0.0022	--
	Heptachlor	EPA 8081	1	BCL	mg/kg	<0.0021	<0.0022	<0.0021	--	<0.0022	<0.0022	--	--	<0.0021	--	<0.0022	--
	Heptachlor epoxide	EPA 8081	0.03	BCL	mg/kg	<0.0021	<0.0022	<0.0021	--	<0.0022	<0.0022	--	--	<0.0021	--	<0.0022	--
Methoxychlor	EPA 8081	8	BCL	mg/kg	<0.0015	<0.0016	<0.0016	--	<0.0016	0.0016 UJ	--	--	<0.0015	--	<0.0017	--	
Toxaphene	EPA 8081	2	BCL	mg/kg	<0.051	<0.055	<0.052	--	<0.054	<0.055	--	--	<0.051	--	<0.055	--	
PAHs	Acenaphthylene	EPA 8270	0.0106	CAL	mg/kg	<0.071	<0.077	<0.073	--	<0.076	<0.076	--	--	<0.072	--	<0.077	--
	Acenaphthylene	EPA 8270-SIM	0.0106	CAL	mg/kg	<0.0041	<0.0044	<0.0042	--	<0.0043	<0.0044	--	--	<0.0041	--	<0.0044	--
	Benzo(a)anthracene	EPA 8270	0.08	BCL	mg/kg	<0.071	<0.077	<0.073	--	<0.076	<0.076	--	--	<0.072	--	<0.077	--
	Benzo(a)anthracene	EPA 8270-SIM	0.08	BCL	mg/kg	<0.0041	<0.0044	<0.0042	--	<0.0043	<0.0044	--	--	<0.0041	--	<0.0044	--
	Benzo(a)pyrene	EPA 8270	0.4	BCL	mg/kg	<0.068	<0.074	<0.069	--	<0.072	<0.073	--	--	<0.069	--	<0.074	--
	Benzo(a)pyrene	EPA 8270-SIM	0.4	BCL	mg/kg	<0.0041	<0.0044	<0.0042	--	<0.0043	<0.0044	--	--	<0.0041	--	<0.0044	--
	Benzo(b)fluoranthene	EPA 8270	0.2	BCL	mg/kg	<0.071	<0.077	<0.073	--	<0.076	<0.076	--	--	<0.072	--	<0.077	--
	Benzo(b)fluoranthene	EPA 8270-SIM	0.2	BCL	mg/kg	<0.0041	<0.0044	<0.0042	--	<0.0043	<0.0044	--	--	<b>0.0044 J</b>	--	<0.0044	--
	Benzo(g,h,i)perylene	EPA 8270			mg/kg	<0.11	<0.12	<0.11	--	<0.12	<0.12	--	--	<0.11	--	<0.12	--
	Benzo(g,h,i)perylene	EPA 8270-SIM			mg/kg	<0.0041	<0.0044	<0.0042	--	<0.0043	<0.0044	--	--	<0.0041	--	<0.0044	--

**TABLE A-4. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 5**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-38		RISB-39						RISB-40			
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	0.5-1 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	0.5-1 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs
						RISB-38-0.5-20141201	RISB-38-5.0-20141201	RISB-39-0.5-20141121	RISB-39-0.5-20141202	RISB-39-5.0-20141121	RISB-39-5.0-20141121-FD	RISB-39-5.0-20141202	RISB-39-5.0-20141202-FD	RISB-40-0.5-20141121	RISB-40-0.5-20141202	RISB-40-5.0-20141121	RISB-40-5.0-20141202
PAHs	Indeno(1,2,3-cd)pyrene	EPA 8270	0.7	BCL	mg/kg	<0.13	<0.14	<0.13	--	<0.14	<0.14	--	--	<0.13	--	<0.14	--
	Indeno(1,2,3-cd)pyrene	EPA 8270-SIM	0.7	BCL	mg/kg	<0.0041	<0.0044	<0.0042	--	<0.0043	<0.0044	--	--	<0.0041	--	<0.0044	--
	Phenanthrene	EPA 8270	0.0243	CAL	mg/kg	<0.068	<0.074	<0.069	--	<0.072	<0.073	--	--	<0.069	--	<0.074	--
	Phenanthrene	EPA 8270-SIM	0.0243	CAL	mg/kg	<0.0041	<0.0044	<0.0042	--	<0.0043	<0.0044	--	--	<0.0041	--	<0.0044	--
PCBs	Aroclor-1260	EPA 8082	0.00549	RSL	mg/kg	<0.017	<0.019	<0.018	--	<0.018	<0.019	--	--	<0.017	--	<0.019	--
	PCB-001	EPA 1668A			pg/g	<b>2.4 J</b>	<b>31</b>	<b>52 J</b>	--	<b>3.1 J</b>	<b>3.2 J</b>	--	--	<b>150 J</b>	--	<0.49	--
	PCB-002	EPA 1668A			pg/g	<b>1.8 J</b>	<0.29	<b>74 J</b>	--	<b>3.7 J</b>	<b>3.7 J</b>	--	--	<b>150 J</b>	--	<0.45	--
	PCB-003	EPA 1668A			pg/g	<b>3.5 J</b>	<0.31	<b>130 J</b>	--	<b>7.4 J</b>	<b>6.2 J</b>	--	--	<b>270 J</b>	--	<0.42	--
	PCB-004	EPA 1668A			pg/g	<5.1	<b>11 J</b>	<61	--	<4.2	<6.2	--	--	<b>91 J</b>	--	<8.7	--
	PCB-005	EPA 1668A			pg/g	<3.8	<0.92	<37	--	<3.1	<4.2	--	--	<42	--	<7.3	--
	PCB-006	EPA 1668A			pg/g	<3.8	<0.92	<38	--	<3.1	<4.2	--	--	<b>110 J</b>	--	<7.3	--
	PCB-007	EPA 1668A			pg/g	<3.7	<0.89	<36	--	<3.0	<4.0	--	--	<41	--	<7.0	--
	PCB-008	EPA 1668A			pg/g	<3.6	<0.87	<b>130 J</b>	--	2.9 UJ	<b>4.1 J</b>	--	--	<b>250 J</b>	--	<6.9	--
	PCB-009	EPA 1668A			pg/g	<4.1	<0.99	<40	--	<3.4	<4.5	--	--	<b>59 J</b>	--	<7.9	--
	PCB-010	EPA 1668A			pg/g	<3.4	<0.85	<37	--	<2.8	<4.4	--	--	<38	--	<5.0	--
	PCB-011	EPA 1668A			pg/g	<b>7.1 J</b>	<b>6.0 J</b>	<41	--	3.4 UJ	<b>9.7 J</b>	--	--	<b>160 J</b>	--	<8.1	--
	PCB-014	EPA 1668A			pg/g	<3.5	<0.85	<35	--	<2.9	<3.8	--	--	<39	--	<6.7	--
	PCB-015	EPA 1668A			pg/g	<b>13 J</b>	<1.2	<b>270 J</b>	--	<b>14 J</b>	<b>12 J</b>	--	--	<b>630</b>	--	<7.9	--
	PCB-016	EPA 1668A			pg/g	<b>0.62 J</b>	<0.29	<b>15 J</b>	--	<0.58	<0.64	--	--	<b>30 J</b>	--	<0.73	--
	PCB-017	EPA 1668A			pg/g	<b>0.60 J</b>	<b>0.29 J</b>	<b>20 J</b>	--	<b>1.2 J</b>	<b>0.69 J</b>	--	--	<b>42 J</b>	--	<0.58	--
	PCB-019	EPA 1668A			pg/g	<0.43	<b>0.37 J</b>	<4.5	--	<0.50	<0.51	--	--	<b>15 J</b>	--	<0.62	--
	PCB-022	EPA 1668A			pg/g	<b>1.4 J</b>	<0.25	<14	--	<b>1.1 J</b>	1.1 UJ	--	--	<b>54 J</b>	--	<0.39	--
	PCB-023	EPA 1668A			pg/g	<0.47	<0.20	<12	--	<0.59	<0.89	--	--	<b>30 J</b>	--	<0.31	--
	PCB-024	EPA 1668A			pg/g	<0.34	<0.19	<b>10 J</b>	--	<0.37	<0.41	--	--	<b>21 J</b>	--	<0.47	--
	PCB-025	EPA 1668A			pg/g	<b>0.72 J</b>	<0.20	<b>29 J</b>	--	<b>1.4 J</b>	<b>1.2 J</b>	--	--	<b>67 J</b>	--	<0.32	--
	PCB-027	EPA 1668A			pg/g	<0.33	<0.18	<b>7.7 J</b>	--	<0.36	<0.40	--	--	<b>18 J</b>	--	<0.45	--
	PCB-031	EPA 1668A			pg/g	<b>3.3 J</b>	<b>0.75 J</b>	<b>70 J</b>	--	<b>4.5 J</b>	<b>3.6 J</b>	--	--	<b>170 J</b>	--	<b>0.78 J</b>	--
	PCB-032	EPA 1668A			pg/g	<b>0.32 J</b>	<b>0.19 J</b>	<b>7.4 J</b>	--	0.29 UJ	<b>0.42 J</b>	--	--	<b>19 J</b>	--	<0.36	--
	PCB-034	EPA 1668A			pg/g	<0.52	<0.22	<b>14 J</b>	--	<0.65	<0.99	--	--	<b>36 J</b>	--	<0.34	--
	PCB-035	EPA 1668A			pg/g	<b>1.8 J</b>	<0.25	<b>88 J</b>	--	<b>4.9 J</b>	<b>5.2 J</b>	--	--	<b>200 J</b>	--	<0.40	--
	PCB-036	EPA 1668A			pg/g	<b>0.84 J</b>	<0.23	<b>47 J</b>	--	<b>2.5 J</b>	<b>3.1 J</b>	--	--	<b>98 J</b>	--	<0.36	--
	PCB-037	EPA 1668A			pg/g	<b>4.0 J</b>	<0.35	<b>120 J</b>	--	<b>8.1 J</b>	<b>10 J</b>	--	--	<b>250 J</b>	--	<b>1.3 J</b>	--
	PCB-038	EPA 1668A			pg/g	<0.60	<0.25	<15	--	<0.75	<1.1	--	--	<b>66 J</b>	--	<0.40	--
	PCB-039	EPA 1668A			pg/g	<0.54	<0.23	<b>43 J</b>	--	0.67 UJ	<b>3.6 J</b>	--	--	<b>96 J</b>	--	<0.35	--
	PCB-041	EPA 1668A			pg/g	<0.21	<0.16	<b>14 J</b>	--	<b>0.67 J</b>	<b>0.61 J</b>	--	--	<b>34 J</b>	--	<0.25	--
	PCB-042	EPA 1668A			pg/g	<b>0.72 J</b>	<0.13	<b>24 J</b>	--	<b>1.3 J</b>	<b>0.85 J</b>	--	--	<b>58 J</b>	--	<0.20	--
	PCB-043	EPA 1668A			pg/g	<b>0.73 J</b>	<0.16	<b>22 J</b>	--	<b>0.80 J</b>	<b>1.2 J</b>	--	--	<b>52 J</b>	--	<0.24	--
PCB-045	EPA 1668A			pg/g	<b>0.49 J</b>	<0.16	<2.9	--	<0.24	<0.48	--	--	<b>32 J</b>	--	<0.24	--	
PCB-046	EPA 1668A			pg/g	<0.20	<0.16	<2.9	--	<0.24	<0.48	--	--	<b>15 J</b>	--	<0.24	--	
PCB-048	EPA 1668A			pg/g	<b>0.81 J</b>	<0.13	<b>28 J</b>	--	<b>1.6 J</b>	<b>1.0 J</b>	--	--	<b>70 J</b>	--	<0.20	--	
PCB-051	EPA 1668A			pg/g	<b>0.47 J</b>	<b>0.21 J</b>	<b>16 J</b>	--	<b>1.2 J</b>	<b>0.94 J</b>	--	--	<b>25 J</b>	--	<b>0.34 J</b>	--	
PCB-052	EPA 1668A			pg/g	<b>2.7 J</b>	<b>0.92 J</b>	<b>82 J</b>	--	<b>5.7 J</b>	<b>4.8 J</b>	--	--	<b>160 J</b>	--	<b>1.3 J</b>	--	
PCB-054	EPA 1668A			pg/g	<b>0.28 J</b>	<0.15	<2.0	--	<0.21	<0.29	--	--	<b>9.0 J</b>	--	<0.16	--	
PCB-055	EPA 1668A			pg/g	<b>0.90 J</b>	<0.17	<b>32 J</b>	--	<b>2.2 J</b>	<b>1.4 J</b>	--	--	<b>82 J</b>	--	<0.29	--	
PCB-056	EPA 1668A			pg/g	<b>1.7 J</b>	<0.20	<b>110 J</b>	--	<b>5.9 J</b>	<b>7.2 J</b>	--	--	<b>240 J</b>	--	<b>0.93 J</b>	--	
PCB-057	EPA 1668A			pg/g	<b>1.2 J</b>	<0.19	<b>31 J</b>	--	<b>2.0 J</b>	1.2 UJ	--	--	<b>71 J</b>	--	<0.33	--	
PCB-058	EPA 1668A			pg/g	<b>0.49 J</b>	<0.19	<14	--	<0.83	<1.2	--	--	<b>54 J</b>	--	<0.32	--	
PCB-060	EPA 1668A			pg/g	<b>0.37 J</b>	<0.18	<b>33 J</b>	--	<b>2.0 J</b>	<b>2.5 J</b>	--	--	<b>66 J</b>	--	<0.32	--	
PCB-063	EPA 1668A			pg/g	<b>0.97 J</b>	<0.17	<b>32 J</b>	--	<b>1.4 J</b>	<b>3.1 J</b>	--	--	<b>82 J</b>	--	<0.31	--	



**TABLE A-4. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 5**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-38		RISB-39						RISB-40			
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	0.5-1 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	0.5-1 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs
						RISB-38-0.5-20141201	RISB-38-5.0-20141201	RISB-39-0.5-20141121	RISB-39-0.5-20141202	RISB-39-5.0-20141121	RISB-39-5.0-20141121-FD	RISB-39-5.0-20141202	RISB-39-5.0-20141202-FD	RISB-40-0.5-20141121	RISB-40-0.5-20141202	RISB-40-5.0-20141121	RISB-40-5.0-20141202
PCBs	PCB-064	EPA 1668A			pg/g	1.0 J	<0.089	27 J	--	1.8 J	1.3 J	--	--	53 J	--	0.30 J	--
	PCB-066	EPA 1668A			pg/g	4.9 J	0.57 J	160 J	--	12 J	13 J	--	--	410	--	2.0 J	--
	PCB-067	EPA 1668A			pg/g	0.72 J	<0.17	24 J	--	2.1 J	2.0 J	--	--	99 J	--	<0.30	--
	PCB-068	EPA 1668A			pg/g	1.7 J	<0.17	47 J	--	3.1 J	2.9 J	--	--	120 J	--	0.48 J	--
	PCB-072	EPA 1668A			pg/g	1.7 J	<0.18	34 J	--	2.4 J	3.0 J	--	--	150 J	--	0.43 J	--
	PCB-073	EPA 1668A			pg/g	0.25 J	<0.10	8.6 J	--	0.63 J	0.88 J	--	--	30 J	--	<0.15	--
	PCB-077	EPA 1668A			pg/g	1.1 J	<0.27	94	--	5.2	8.3	--	--	210	--	1.5 J	--
	PCB-078	EPA 1668A			pg/g	<0.43	<0.21	56 J	--	3.7 J	5.5 J	--	--	140 J	--	<0.36	--
	PCB-079	EPA 1668A			pg/g	1.1 J	<0.19	67 J	--	4.0 J	7.0 J	--	--	180 J	--	0.38 J	--
	PCB-080	EPA 1668A			pg/g	0.80 J	<0.17	31 J	--	2.7 J	5.1 J	--	--	100 J	--	<0.30	--
	PCB-081	EPA 1668A	61.8	RSL	pg/g	0.79 J	<0.24	62	--	2.8 J	5.1 J	--	--	140	--	0.65 J	--
	PCB-082	EPA 1668A			pg/g	2.5 J	<0.29	<46	--	6.7 J	9.0 J	--	--	270 J	--	<0.64	--
	PCB-083	EPA 1668A			pg/g	<1.3	<0.32	<50	--	<2.8	<4.1	--	--	<97	--	<0.71	--
	PCB-084	EPA 1668A			pg/g	1.8 J	<0.29	<46	--	2.9 J	3.7 UJ	--	--	110 J	--	<0.65	--
	PCB-089	EPA 1668A			pg/g	<1.1	<0.27	<43	--	<2.4	<3.5	--	--	<83	--	<0.61	--
	PCB-092	EPA 1668A			pg/g	2.3 J	<0.26	83 J	--	4.7 J	5.7 J	--	--	190 J	--	<0.57	--
	PCB-094	EPA 1668A			pg/g	<1.0	<0.26	<41	--	<2.2	<3.3	--	--	<79	--	<0.58	--
	PCB-095	EPA 1668A			pg/g	3.2 J	0.62 J	81 J	--	5.9 J	4.6 J	--	--	200 J	--	1.0 J	--
	PCB-096	EPA 1668A			pg/g	0.42 J	<0.093	15 J	--	0.67 J	0.60 J	--	--	29 J	--	<0.11	--
	PCB-099	EPA 1668A			pg/g	3.7 J	<0.22	88 J	--	6.5 J	10 J	--	--	210 J	--	0.95 J	--
	PCB-103	EPA 1668A			pg/g	1.1 J	<0.23	<37	--	<2.0	<3.0	--	--	<70	--	<0.51	--
	PCB-104	EPA 1668A			pg/g	0.65 J	<0.084	11 J	--	0.66 J	0.66 J	--	--	28 J	--	0.24 J	--
	PCB-105	EPA 1668A			pg/g	4.1	0.50 J	170	--	10	16	--	--	380	--	1.6 J	--
	PCB-106	EPA 1668A			pg/g	5.1 J	<0.20	290 J	--	17 J	24 J	--	--	740	--	2.6 J	--
	PCB-109	EPA 1668A			pg/g	2.7 J	<0.18	160 J	--	9.5 J	13 J	--	--	360 J	--	1.7 J	--
	PCB-111	EPA 1668A			pg/g	2.3 J	<0.17	78 J	--	4.9 J	7.3 J	--	--	230 J	--	1.0 J	--
	PCB-112	EPA 1668A			pg/g	0.71 J	<0.18	29 J	--	2.0 J	2.3 UJ	--	--	94 J	--	<0.39	--
	PCB-114	EPA 1668A			pg/g	2.3	<0.20	120	--	7.0 J	14 J	--	--	270	--	1.0 J	--
	PCB-118	EPA 1668A	1,010	RSL	pg/g	7.7	0.99 J	260	--	17	26	--	--	530	--	3.4	--
	PCB-120	EPA 1668A			pg/g	2.5 J	<0.18	100 J	--	5.9 J	8.8 J	--	--	240 J	--	0.98 J	--
	PCB-121	EPA 1668A			pg/g	1.2 J	<0.17	<28	--	2.4 J	3.5 J	--	--	94 J	--	<0.39	--
	PCB-122	EPA 1668A			pg/g	0.89 J	<0.21	<33	--	<1.8	<2.7	--	--	78 J	--	<0.47	--
	PCB-123	EPA 1668A			pg/g	1.4 J	<0.20	56	--	3.3	3.5 J	--	--	130	--	<0.45	--
PCB-126	EPA 1668A	0.303	RSL	pg/g	1.2 J	<0.28	97	--	5.6 J	10 J	--	--	190	--	<0.57	--	
PCB-127	EPA 1668A			pg/g	0.84 J	<0.20	77 J	--	4.3 J	7.4 J	--	--	160 J	--	<0.45	--	
PCB-130	EPA 1668A			pg/g	6.6 J	<0.28	370 J	--	22 J	32 J	--	--	620	--	3.3 J	--	
PCB-131	EPA 1668A			pg/g	0.79 J	<0.28	52 J	--	3.3 J	4.0 J	--	--	120 J	--	<0.33	--	
PCB-132	EPA 1668A			pg/g	3.0 J	<0.26	120 J	--	6.2 J	7.5 J	--	--	220 J	--	1.0 J	--	
PCB-133	EPA 1668A			pg/g	2.5 J	<0.25	160 J	--	9.0 J	13 J	--	--	340 J	--	1.2 J	--	
PCB-136	EPA 1668A			pg/g	1.5 J	<0.18	52 J	--	2.9 J	3.3 J	--	--	110 J	--	0.40 J	--	
PCB-137	EPA 1668A			pg/g	2.7 J	<0.23	150 J	--	9.7 J	12 J	--	--	330 J	--	1.5 J	--	
PCB-141	EPA 1668A			pg/g	8.4 J	<0.25	190 J	--	12 J	16 J	--	--	390 J	--	1.9 J	--	
PCB-142	EPA 1668A			pg/g	2.7 J	<0.25	140 J	--	7.5 J	9.9 J	--	--	330 J	--	0.81 J	--	
PCB-144	EPA 1668A			pg/g	1.6 J	<0.23	130 J	--	7.5 J	5.4 J	--	--	310 J	--	0.99 J	--	
PCB-145	EPA 1668A			pg/g	0.88 J	<0.17	36 J	--	2.0 J	2.2 J	--	--	83 J	--	0.29 J	--	
PCB-146	EPA 1668A			pg/g	8.4 J	<0.23	420	--	25 J	35 J	--	--	990	--	3.9 J	--	
PCB-148	EPA 1668A			pg/g	3.1 J	<0.23	130 J	--	7.7 J	12 J	--	--	300 J	--	1.2 J	--	
PCB-150	EPA 1668A			pg/g	1.5 J	<0.16	65 J	--	3.7 J	4.3 J	--	--	160 J	--	0.40 J	--	
PCB-152	EPA 1668A			pg/g	0.51 J	<0.17	27 J	--	1.4 J	1.4 J	--	--	64 J	--	<0.20	--	

**TABLE A-4. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 5**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-38		RISB-39				RISB-40					
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	0.5-1 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	0.5-1 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs
						RISB-38-0.5-20141201	RISB-38-5.0-20141201	RISB-39-0.5-20141121	RISB-39-0.5-20141202	RISB-39-5.0-20141121	RISB-39-5.0-20141121-FD	RISB-39-5.0-20141202	RISB-39-5.0-20141202-FD	RISB-40-0.5-20141121	RISB-40-0.5-20141202	RISB-40-5.0-20141121	RISB-40-5.0-20141202
PCBs	PCB-154	EPA 1668A			pg/g	3.9 J	<0.20	170 J	--	10 J	13 J	--	--	410	--	1.5 J	--
	PCB-155	EPA 1668A			pg/g	1.9 J	<0.15	39 J	--	2.8 J	4.3 J	--	--	110 J	--	0.56 J	--
	PCB-158	EPA 1668A			pg/g	3.5 J	<0.17	210 J	--	13 J	17 J	--	--	450	--	1.9 J	--
	PCB-159	EPA 1668A			pg/g	1.6 J	<0.25	190 J	--	11 J	17 J	--	--	400 J	--	1.7 J	--
	PCB-160	EPA 1668A			pg/g	3.3 J	<0.20	200 J	--	12 J	14 J	--	--	460	--	1.6 J	--
	PCB-161	EPA 1668A			pg/g	2.1 J	<0.18	140 J	--	8.9 J	14 J	--	--	330 J	--	1.4 J	--
	PCB-162	EPA 1668A			pg/g	2.8 J	<0.22	200 J	--	12 J	17 J	--	--	410	--	2.0 J	--
	PCB-164	EPA 1668A			pg/g	4.8 J	<0.19	270 J	--	16 J	24 J	--	--	640	--	2.4 J	--
	PCB-165	EPA 1668A			pg/g	1.4 J	<0.21	83 J	--	4.9 J	7.7 J	--	--	180 J	--	0.67 J	--
	PCB-167	EPA 1668A			pg/g	3.5	<0.21	300	--	17	26	--	--	610	--	2.9	--
	PCB-169	EPA 1668A	1.65	RSL	pg/g	<0.55	<0.31	<37	--	<2.2	<3.9	--	--	<78	--	<0.53	--
	PCB-170	EPA 1668A			pg/g	3.5 J	<0.31	240 J	--	16 J	19 J	--	--	550	--	3.0 J	--
	PCB-172	EPA 1668A			pg/g	9.2 J	<0.30	600	--	41	58	--	--	1,400	--	5.7 J	--
	PCB-174	EPA 1668A			pg/g	8.9 J	<0.31	380 J	--	25 J	29 J	--	--	860	--	4.1 J	--
	PCB-175	EPA 1668A			pg/g	9.7 J	<0.22	550	--	33	49	--	--	1,200	--	5.1 J	--
	PCB-176	EPA 1668A			pg/g	6.3 J	<0.15	300 J	--	18 J	24 J	--	--	660	--	2.8 J	--
	PCB-177	EPA 1668A			pg/g	4.8 J	<0.30	200 J	--	12 J	15 J	--	--	480	--	1.4 J	--
	PCB-178	EPA 1668A			pg/g	6.9 J	<0.23	370 J	--	21 J	32 J	--	--	760	--	3.6 J	--
	PCB-179	EPA 1668A			pg/g	5.2 J	<0.17	220 J	--	14 J	17 J	--	--	490	--	2.0 J	--
	PCB-181	EPA 1668A			pg/g	3.4 J	<0.26	200 J	--	13 J	13 J	--	--	440	--	1.7 J	--
	PCB-182	EPA 1668A			pg/g	6.6 J	<0.20	350 J	--	21 J	29 J	--	--	760	--	3.3 J	--
	PCB-183	EPA 1668A			pg/g	9.7 J	<0.22	500	--	31	44	--	--	1,100	--	5.2 J	--
	PCB-184	EPA 1668A			pg/g	12 J	<0.17	500	--	31	42 J	--	--	1,200	--	4.7 J	--
	PCB-185	EPA 1668A			pg/g	4.8 J	<0.30	250 J	--	15 J	21 J	--	--	570	--	2.2 J	--
	PCB-186	EPA 1668A			pg/g	1.8 J	<0.16	80 J	--	4.3 J	4.7 J	--	--	180 J	--	0.76 J	--
	PCB-187	EPA 1668A			pg/g	9.1 J	0.22 J	410	--	25 J	33 J	--	--	940	--	4.3 J	--
	PCB-188	EPA 1668A			pg/g	7.1 J	<0.17	260 J	--	17 J	24 J	--	--	600	--	3.0 J	--
	PCB-189	EPA 1668A			pg/g	4.7	<0.39	520	--	29	34	--	--	1,000	--	4.1	--
	PCB-190	EPA 1668A			pg/g	3.9 J	<0.21	280 J	--	23 J	21 J	--	--	540	--	2.5 J	--
	PCB-191	EPA 1668A			pg/g	3.0 J	<0.21	260 J	--	15 J	25 J	--	--	570	--	1.9 J	--
	PCB-192	EPA 1668A			pg/g	2.2 J	<0.22	180 J	--	11 J	19 J	--	--	410	--	1.5 J	--
	PCB-194	EPA 1668A			pg/g	9.5 J	<0.42	830	--	55	74	--	--	1,700	--	8.6 J	--
	PCB-195	EPA 1668A			pg/g	4.1 J	<0.37	380 J	--	24 J	36 J	--	--	740	--	3.1 J	--
PCB-196	EPA 1668A			pg/g	24	<2.3	2,000	--	130	180	--	--	4,000	--	19 J	--	
PCB-197	EPA 1668A			pg/g	25	<1.4	1,400	--	92	130	--	--	3,000	--	13 J	--	
PCB-200	EPA 1668A			pg/g	9.8 J	<1.8	640	--	40	48	--	--	1,400	--	6.7 J	--	
PCB-201	EPA 1668A			pg/g	29	<1.6	1,700	--	110	160	--	--	3,500	--	16 J	--	
PCB-202	EPA 1668A			pg/g	12 J	<1.8	540	--	35	54	--	--	1,100	--	5.4 J	--	
PCB-203	EPA 1668A			pg/g	12 J	<2.1	990	--	62	78	--	--	2,000	--	9.0 J	--	
PCB-204	EPA 1668A			pg/g	19 J	<1.6	1,100	--	67	90	--	--	2,300	--	11 J	--	
PCB-205	EPA 1668A			pg/g	8.7 J	<0.33	900	--	55	73	--	--	1,900	--	8.7 J	--	
PCB-206	EPA 1668A			pg/g	83	0.51 J	8,100	--	480	630	--	--	15,000	--	70	--	
PCB-207	EPA 1668A			pg/g	140	0.64 J	12,000	--	700	940	--	--	22,000	--	110	--	
PCB-208	EPA 1668A			pg/g	91	0.55 J	7,400	--	450	610	--	--	14,000	--	66	--	
PCB-209	EPA 1668A			pg/g	990	5.5 J	99,000 J	--	5,900 J	7,800 J	--	--	190,000 J	--	910	--	
PCBs 107+124	EPA 1668A			pg/g	2.6 J	<0.19	120 J	--	7.4 J	9.5 J	--	--	270 J	--	0.88 J	--	
PCBs 110+115	EPA 1668A			pg/g	13 J	0.93 J	440 J	--	25 J	35 J	--	--	980	--	4.9 J	--	
PCBs 12+13	EPA 1668A			pg/g	7.2 J	<0.98	<40	--	3.3 UJ	5.9 J	--	--	340 J	--	<7.8	--	
PCBs 128+166	EPA 1668A			pg/g	6.2 J	<0.21	200 J	--	13 J	21 J	--	--	420 J	--	1.6 J	--	

**TABLE A-4. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 5**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-38		RISB-39						RISB-40			
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	0.5-1 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	0.5-1 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs
						RISB-38-0.5-20141201	RISB-38-5.0-20141201	RISB-39-0.5-20141121	RISB-39-0.5-20141202	RISB-39-5.0-20141121	RISB-39-5.0-20141121-FD	RISB-39-5.0-20141202	RISB-39-5.0-20141202-FD	RISB-40-0.5-20141121	RISB-40-0.5-20141202	RISB-40-5.0-20141121	RISB-40-5.0-20141202
PCBs	PCBs 129+138+163	EPA 1668A			pg/g	13 J	0.93 J	520 J	--	31 J	43 J	--	--	1,100 J	--	5.2 J	--
	PCBs 134+143	EPA 1668A			pg/g	1.7 J	<0.26	99 J	--	5.4 J	6.7 J	--	--	200 J	--	<0.31	--
	PCBs 135+151	EPA 1668A			pg/g	5.7 J	<0.24	240 J	--	14 J	19 J	--	--	560 J	--	2.2 J	--
	PCBs 139+140	EPA 1668A			pg/g	3.2 J	<0.23	150 J	--	9.4 J	14 J	--	--	360 J	--	0.97 J	--
	PCBs 147+149	EPA 1668A			pg/g	8.1 J	<0.23	300 J	--	17 J	21 J	--	--	640 J	--	2.9 J	--
	PCBs 153+168	EPA 1668A			pg/g	9.2 J	0.77 J	350 J	--	21 J	30 J	--	--	790 J	--	3.5 J	--
	PCBs 156+157	EPA 1668A			pg/g	4.9	<0.30	360	--	22	30	--	--	740	--	3.7 J	--
	PCBs 171+173	EPA 1668A			pg/g	10 J	<0.30	890	--	54 J	50 J	--	--	2,000	--	8.8 J	--
	PCBs 18+30	EPA 1668A			pg/g	0.58 J	0.68 J	29 J	--	1.8 J	1.6 J	--	--	65 J	--	0.60 J	--
	PCBs 180+193	EPA 1668A			pg/g	16 J	<0.24	1,100	--	68	93	--	--	2,400	--	11 J	--
	PCBs 198+199	EPA 1668A			pg/g	30 J	<2.3	2,300	--	150	200	--	--	4,600	--	22 J	--
	PCBs 20+28	EPA 1668A			pg/g	3.5 J	0.95 J	77 J	--	4.6 J	3.4 J	--	--	180 J	--	1.2 J	--
	PCBs 21+33	EPA 1668A			pg/g	1.6 J	<0.20	86 J	--	4.9 J	3.8 J	--	--	200 J	--	0.80 J	--
	PCBs 26+29	EPA 1668A			pg/g	1.0 J	<0.22	54 J	--	3.0 J	2.5 J	--	--	120 J	--	<0.34	--
	PCBs 40+71	EPA 1668A			pg/g	2.7 J	0.14 J	160 J	--	8.9 J	8.0 J	--	--	390 J	--	0.90 J	--
	PCBs 44+47+65	EPA 1668A			pg/g	4.4 J	1.1 J	140 J	--	8.5 J	6.5 J	--	--	280 J	--	1.7 J	--
	PCBs 49+69	EPA 1668A			pg/g	2.2 J	0.32 J	66 J	--	3.9 J	2.8 J	--	--	160 J	--	0.56 J	--
	PCBs 50+53	EPA 1668A			pg/g	0.49 J	<0.12	19 J	--	1.1 J	1.1 J	--	--	47 J	--	<0.19	--
	PCBs 59+62+75	EPA 1668A			pg/g	3.3 J	<0.098	99 J	--	4.7 J	4.7 J	--	--	240 J	--	<0.15	--
	PCBs 61+70+74+76	EPA 1668A			pg/g	8.2 J	0.57 J	350 J	--	22 J	20 J	--	--	820 J	--	2.8 J	--
PCBs 85+116+117	EPA 1668A			pg/g	8.9 J	<0.21	280 J	--	17 J	23 J	--	--	680 J	--	2.5 J	--	
PCBs 86+87+97+108+119+125	EPA 1668A			pg/g	11 J	<0.21	370 J	--	22 J	26 J	--	--	930 J	--	4.0 J	--	
PCBs 88+91	EPA 1668A			pg/g	2.4 J	<0.24	<39	--	<2.1	<3.1	--	--	170 J	--	<0.54	--	
PCBs 90+101+113	EPA 1668A			pg/g	8.5 J	0.77 J	270 J	--	15 J	19 J	--	--	550 J	--	2.7 J	--	
PCBs 93+100	EPA 1668A			pg/g	1.2 J	<0.24	<39	--	3.1 J	3.1 UJ	--	--	150 J	--	<0.55	--	
PCBs 98+102	EPA 1668A			pg/g	<0.89	<0.22	<35	--	2.6 J	2.9 UJ	--	--	120 J	--	<0.50	--	
Dioxins/Furans	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	EPA 8290			pg/g	6.7	1.4 J	1,600	--	61	42	--	--	1,500	--	7.9	--
	1,2,3,4,6,7,8-Heptachlorodibenzofuran	EPA 8290			pg/g	78	1.1 J	19,000 J	--	810	530	--	--	19,000 J	--	100	--
	1,2,3,4,7,8,9-Heptachlorodibenzofuran	EPA 8290			pg/g	27	1.3 J	6,700 J	--	270	180	--	--	6,900	--	35	--
	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	EPA 8290			pg/g	0.79 J	<0.10	160	--	7.1	4.7 J	--	--	150	--	0.89 J	--
	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	EPA 8290			pg/g	1.7 J	<0.087	380	--	14	11	--	--	340	--	1.8 J	--
	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	EPA 8290			pg/g	2.0 J	<0.080	370	--	15 J	7.6 J	--	--	340	--	2.1 J	--
	1,2,3,4,7,8-Hexachlorodibenzofuran	EPA 8290			pg/g	35	0.42 J	7,900 J	--	340 J	200 J	--	--	7,400	--	40	--
	1,2,3,6,7,8-Hexachlorodibenzofuran	EPA 8290			pg/g	22	0.28 J	4,500 J	--	190	140	--	--	4,400	--	11	--
	1,2,3,7,8,9-Hexachlorodibenzofuran	EPA 8290			pg/g	2.1 J	<0.12	<370	--	20 UJ	16 J	--	--	<510	--	<2.5	--
	2,3,4,6,7,8-Hexachlorodibenzofuran	EPA 8290			pg/g	4.5 J	<0.11	980	--	44	37	--	--	1,000	--	4.8 J	--
	HpCDD (total)	EPA 8290			pg/g	11	3.4 J	2,500	--	97	69	--	--	2,400	--	12	--
	HpCDF (total)	EPA 8290			pg/g	160	2.9 J	38,000 J	--	1,600	1,100	--	--	39,000 J	--	210	--
	HxCDD (total)	EPA 8290			pg/g	12	<0.10	2,700	--	110	78	--	--	2,400	--	13	--
HxCDF (total)	EPA 8290			pg/g	150	0.90 J	32,000 J	--	1,400	1,100	--	--	31,000	--	140	--	

**TABLE A-4. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 5**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-38		RISB-39				RISB-40					
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	0.5-1 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	0.5-1 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs
						RISB-38-0.5-20141201	RISB-38-5.0-20141201	RISB-39-0.5-20141121	RISB-39-0.5-20141202	RISB-39-5.0-20141121	RISB-39-5.0-20141121-FD	RISB-39-5.0-20141202	RISB-39-5.0-20141202-FD	RISB-40-0.5-20141121	RISB-40-0.5-20141202	RISB-40-5.0-20141121	RISB-40-5.0-20141202
Dioxins/Furans	1,2,3,4,5,6,7,8-Octachlorodibenzo-p-dioxin	EPA 8290			pg/g	8.0 J	16	1,700	--	65	53	--	--	1,800	--	9.0 J	--
	1,2,3,4,5,6,7,8-Octachlorodibenzofuran	EPA 8290			pg/g	210	2.3 J	52,000 J	--	1,900	1,300	--	--	56,000 J	--	260	--
	PeCDD (total)	EPA 8290			pg/g	8.5	<0.12	2,100	--	86	64	--	--	2,200	--	11	--
	PeCDF (total)	EPA 8290			pg/g	130	0.62 J	26,000 J	--	1,100	840	--	--	28,000	--	130	--
	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	EPA 8290			pg/g	1.0 J	<0.12	190	--	8.0	6.2	--	--	190	--	0.96 J	--
	1,2,3,7,8-Pentachlorodibenzofuran	EPA 8290			pg/g	15	0.22 J	3,100 J	--	130	100	--	--	3,200	--	15	--
	2,3,4,7,8-Pentachlorodibenzofuran	EPA 8290			pg/g	7.3	<0.098	1,500	--	57	50	--	--	1,500	--	7.5	--
	TCDD (total)	EPA 8290			pg/g	6.9	<0.090	1,500	--	52	60	--	--	1,600	--	7.1	--
	TCDF (total)	EPA 8290			pg/g	91	0.46 J	17,000	--	580	690	--	--	20,000	--	83	--
	2,3,7,8-Tetrachlorodibenzo-p-dioxin	EPA 8290	15	RSL	pg/g	0.20 J	<0.090	48	--	1.8	1.6	--	--	48	--	0.23 J	--
	2,3,7,8-Tetrachlorodibenzofuran	EPA 8290			pg/g	7.2	0.12 J	1,400	--	46	65	--	--	1,600	--	6.5	--
Total PCB TEQs (calculated by TAS)	EPA 8280A			pg/g	0.13	0.019	10	--	0.60	1.1	--	--	20	--	0.038	--	
Total TEQ (Calculated)	EPA 8280A			pg/g	13	0.28	2,700	--	110	82	--	--	2,600	--	12	--	
Organic Acids	Phthalic acid	EPA 8270			µg/kg	<1,300	<1,400	<1,300	--	<1,400	<1,400	--	--	<1,300	--	<1,400	--
Radionuclides	Radium-226	EPA 903.0	0.006	BCL	pCi/g	1.29 J	1.39 J	1.06	--	1.08	0.974	--	--	1.03	--	0.902	--
	Radium-228	EPA 904.0	0.006	BCL	pCi/g	1.26 J	1.40 J	1.06	--	1.22	1.27	--	--	1.24	--	1.35	--
	Thorium-228	DOE A-01-R	0.0027	BCL	pCi/g	1.75	1.55	1.76	--	1.74	1.39	--	--	1.59	--	1.97	--
	Thorium-230	DOE A-01-R	0.001	BCL	pCi/g	2.09	1.39	1.11	--	1.17	1.08	--	--	1.21	--	1.23	--
	Thorium-232	DOE A-01-R	0.0035	BCL	pCi/g	1.86	1.54	1.47	--	1.66	1.79	--	--	1.25	--	2.15	--
	Uranium-233/234	DOE A-01-R			pCi/g	1.63	1.23	0.686	--	0.947	1.05	--	--	1.06	--	1.03	--
	Uranium-235/236	DOE A-01-R			pCi/g	<0.0711	<0.0678	<0.0656	--	0.210 J	0.0673 UJ	--	--	<0.0792	--	0.0889	--
	Uranium-238	DOE A-01-R			pCi/g	1.67	1.32	0.565	--	0.801	0.846	--	--	1.10	--	0.837	--
	Uranium-238	EPA 6020	13.5	BCL	mg/kg	1.4	1.7	0.92	--	1.1	1.1	--	--	1.2	--	1.2	--
Total Petroleum Hydrocarbons	Diesel Range Organics (C10-C28)	EPA 8015			mg/kg	<2.6	3.1 J	<2.6	--	<2.7	<2.7	--	--	3.3 J	--	<2.8	--
	EFH (C10-C40)	EPA 8015			mg/kg	3.4 J	3.9 J	4.5 J	--	<2.7	<2.7	--	--	6.7	--	2.8 J	--
	Gasoline Range Organics (C6-C10)	EPA 8015			µg/kg	<150	<160	160 UJ	<150	160 UJ	160 UJ	<150	<160	160 UJ	<140	160 UJ	<160
	Petroleum Hydrocarbons (C29-C40)	EPA 8015			mg/kg	<2.6	<2.8	2.6 J	--	<2.7	<2.7	--	--	<2.6	--	<2.8	--
General Chemistry	Alkalinity (as CaCO3)	SM 2320			mg/kg	26,000	42,000	16,000	--	17,000	18,000	--	--	17,000	--	36,000	--
	Ammonia (as NH3)	SM 4500			mg/kg	3.5 J	<2.6	<2.5	--	<2.6	<2.6	--	--	<2.5	--	<2.7	--
	Bicarbonate as HCO3	SM 2320			mg/kg	29,000	49,000	17,000	--	18,000	19,000	--	--	19,000	--	43,000	--
	Bromide	EPA 300			mg/kg	<3.6	<3.9	<3.7	--	<3.8	<3.8	--	--	<3.6	--	<3.9	--
	Carbonate (CO3)	SM 2320			mg/kg	920	1,300	1,200	--	1,300	1,300	--	--	920	--	980	--
	Chloride	EPA 300			mg/kg	72	380	16	--	130	120	--	--	12	--	100	--
	Hydroxide	SM 2320			mg/kg	<170	<190	<180	--	<180	<190	--	--	<170	--	<190	--
	Nitrate (as NO3)	EPA 300			mg/kg	17	32	8.1	--	14	13	--	--	9.9	--	6.4	--
	Nitrate/Nitrite	EPA 300			mg/kg	3.9	7.2	1.8	--	3.1	2.9	--	--	2.2	--	1.5 J	--
	Nitrite	EPA 300			mg/kg	<1.1	<1.2	<1.2	--	<1.2	<1.2	--	--	<1.1	--	<1.2	--
	ortho-Phosphate (total) (as PO4)	EPA 300			mg/kg	<4.2	<4.5	<4.2	--	<4.3	<4.4	--	--	<4.1	--	<4.4	--
	Phosphorus (total)	EPA 6010	0.00148	RSL	mg/kg	790	990	1,300 J	--	1,200 J	1,300 J	--	--	1,100 J	--	930 J	--
Silicon	EPA 6010			mg/kg	75 J	67 J	92 J	--	110 J	110 J	--	--	98 J	--	110 J	--	

**TABLE A-4. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 5**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-38		RISB-39				RISB-40					
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	0.5-1 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	0.5-1 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs
						RISB-38-0.5-20141201	RISB-38-5.0-20141201	RISB-39-0.5-20141121	RISB-39-0.5-20141202	RISB-39-5.0-20141121	RISB-39-5.0-20141121-FD	RISB-39-5.0-20141202	RISB-39-5.0-20141202-FD	RISB-40-0.5-20141121	RISB-40-0.5-20141202	RISB-40-5.0-20141121	RISB-40-5.0-20141202
General Chemistry	Sulfate	EPA 300			mg/kg	<b>320</b>	<b>610</b>	<b>17</b>	--	<b>32</b>	<b>28</b>	--	--	<b>18</b>	--	<b>140</b>	--
	Sulfur	EPA 6020			mg/kg	<b>560 J</b>	<b>2,200 J</b>	<360 R	--	<420 R	<b>1,000 J</b>	--	--	<400 R	--	<400 R	--
	pH	EPA 9045			s.u.	--	--	--	--	--	--	--	--	--	--	--	--

**Notes:**

ft bgs: feet below ground surface

FD: Field Duplicate

Above Screening Level

**bold value:** detection

Soil screening levels were selected according to the following hierarchy of criteria:

1. Basic Comparison Level (BCL): Leaching-based basic comparison levels (LBCL) with dilution attenuation factor (DAF) of 1 in the most recent version of Nevada Division of Environmental Protection (NDEP) documents (February 2015).
2. Regional Screening Level (RSL): United States Environmental Protection Agency (USEPA) Regional Screening Levels (RSL) for groundwater protection (June 2015), with the maximum contaminant level (MCL) based screening levels selected over the risk-based screening levels, if available (USEPA 2015)
3. Calculated Criteria (CAL): Generic leaching-based BCLs (LBCLs) calculated using the approach presented in NDEP guidance (NDEP 2015).

**Sources:**

NDEP, 2015. User's Guide and Background Technical Document for NDEP Basic Comparison Levels (BCLs) for Human Health for the BMI Complex and Common Areas. Revision 13, February.

USEPA, 2015. Regional Screening Levels (RSL) for Chemical Contaminants at Superfund Sites. June.

**TABLE A-4. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 5**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-41						RISB-42		RISB-43					
			Level	Source		0.5-1 ft bgs	0.5-1 ft bgs	0.5-1 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	0.5-1 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs
						RISB-41-0.5-20141121	RISB-41-0.5-20141121-FD	RISB-41-0.5-20141202	RISB-41-0.5-20141202-FD	RISB-41-5.0-20141121	RISB-41-5.0-20141202	RISB-42-0.5-20141201	RISB-42-5.0-20141201	RISB-43-0.5-20141121	RISB-43-0.5-20141201	RISB-43-5.0-20141121	RISB-43-5.0-20141121-FD	RISB-43-5.0-20141201	RISB-43-5.0-20141201-FD
Chlorates	Chlorate	EPA 300.1	1.03	BCL	mg/kg	<0.052	<0.052	--	--	1.1	--	<0.051	0.20 J	0.10 J	--	15	14	--	--
	Perchlorate	EPA 314.0	0.0185	BCL	mg/kg	0.079	0.079	--	--	2.3	--	0.017 J	0.18	0.19	--	17	17	--	--
Common Metals	Aluminum	EPA 6010	75	BCL	mg/kg	9,000	9,400	--	--	10,000	--	11,000	13,000	9,000	--	12,000	13,000	--	--
	Antimony	EPA 6020	0.3	BCL	mg/kg	0.52 UJ	0.52 UJ	--	--	0.55 UJ	--	<0.51	<0.53	0.52 UJ	--	0.56 UJ	0.56 UJ	--	--
	Arsenic	EPA 6020	1	BCL	mg/kg	2.3	2.4	--	--	3.7	--	2.2	3.2	4.8	--	5.9	5.2	--	--
	Barium	EPA 6010	82	BCL	mg/kg	220 J	190 J	--	--	170 J	--	230	240	170 J	--	200 J	230 J	--	--
	Boron	EPA 6010	21.4	BCL	mg/kg	3.0 J	3.1 J	--	--	<2.7	--	7.4	13	4.8 J	--	7.8	8.5	--	--
	Cadmium	EPA 6010	0.4	BCL	mg/kg	<0.26	<0.26	--	--	<0.27	--	0.25 J	<0.27	<0.26	--	<0.28	<0.28	--	--
	Chromium (total)	EPA 6010	180,000	RSL	mg/kg	13	15	--	--	15	--	16	19	14	--	14	15	--	--
	Cobalt	EPA 6010	0.453	BCL	mg/kg	7.2	7.6	--	--	7.0	--	8.2	9.3	6.4	--	6.8	7.1	--	--
	Copper	EPA 6010	45.8	BCL	mg/kg	18	18	--	--	18	--	22	24	19	--	18	18	--	--
	Iron	EPA 6010	7.56	BCL	mg/kg	14,000	15,000	--	--	15,000	--	20,000	22,000	13,000	--	15,000	16,000	--	--
	Lead	EPA 6010	13.5	RSL	mg/kg	9.4	9.6	--	--	8.3	--	10	9.0	9.5	--	8.9	9.9	--	--
	Magnesium	EPA 6010	889	BCL	mg/kg	11,000	8,800	--	--	9,100	--	8,800	12,000	9,800	--	12,000	11,000	--	--
	Manganese	EPA 6010	1.3	BCL	mg/kg	650	560	--	--	350	--	570	450	520	--	370	380	--	--
	Mercury	EPA 7471	0.104	BCL	mg/kg	0.21 J	0.019 J	--	--	0.035 J	--	0.051	0.013 UJ	0.052	--	0.067 J	0.028 J	--	--
	Molybdenum	EPA 6010	3.37	BCL	mg/kg	<1.0	<1.0	--	--	<1.1	--	<1.0	<1.1	<1.0	--	<1.1	<1.1	--	--
	Nickel	EPA 6010	7	BCL	mg/kg	14	16	--	--	15	--	17	20	14	--	14	15	--	--
	Selenium	EPA 6020	0.3	BCL	mg/kg	<0.52	<0.52	--	--	<0.55	--	<0.51	<0.53	<0.52	--	<0.56	<0.56	--	--
	Silver	EPA 6010	0.85	BCL	mg/kg	<0.78	<0.78	--	--	<0.82	--	<0.76	<0.80	<0.78	--	<0.85	<0.85	--	--
Thallium	EPA 6020	0.4	BCL	mg/kg	<0.26	<0.26	--	--	<0.27	--	<0.25	<0.27	<0.26	--	<0.28	<0.28	--	--	
Zinc	EPA 6010	620	BCL	mg/kg	33	38	--	--	33	--	39	40	33	--	34	35	--	--	
Hexavalent Chromium	Chromium VI	EPA 7199	2	BCL	mg/kg	<0.42	<0.42	--	--	<0.44	--	<0.41	0.52 J	<0.41	--	<0.46	<0.45	--	--
Rare Metals	Niobium	EPA 6020	1.17	BCL	mg/kg	<1.9 R	<1.7 R	--	--	<2.0 R	--	1.8 UJ	1.9 UJ	<1.7 R	--	<2.1 R	<2.0 R	--	--
	Palladium	EPA 6020			mg/kg	<0.051	<0.053	--	--	<0.058	--	<0.052	<0.056	<0.049	--	<0.061	<0.060	--	--
	Strontium	EPA 6010	422	RSL	mg/kg	170	160	--	--	210	--	190	240	190	--	290	280	--	--
	Tungsten	EPA 6010	37.6	BCL	mg/kg	5.2 UJ	5.2 UJ	--	--	5.5 UJ	--	5.1 UJ	5.3 UJ	5.2 UJ	--	5.6 UJ	5.6 UJ	--	--
	Zirconium	EPA 6010	4.79	RSL	mg/kg	21	20	--	--	21	--	27 J	30 J	29	--	24	25	--	--
VOCs	Acetone	EPA 8260	0.8	BCL	mg/kg	0.0088 UJ	0.0076 UJ	<0.0081	<0.0077	0.0089 UJ	<0.0083	<0.0082	<0.0083	0.0075 UJ	<0.0079	0.0088 UJ	0.0088 UJ	<0.0088	<0.0090
	t-Amyl methyl ether	EPA 8260			mg/kg	0.0011 UJ	0.00095 UJ	0.0010 UJ	0.00096 UJ	0.0011 UJ	0.0010 UJ	<0.0010	<0.0010	0.00094 UJ	<0.00099	0.0011 UJ	0.0011 UJ	<0.0011	<0.0011
	Benzene	EPA 8260	0.002	BCL	mg/kg	0.00055 UJ	0.00048 UJ	<0.00051	<0.00048	0.00056 UJ	<0.00052	<0.00051	<0.00052	0.00047 UJ	<0.00049	0.00055 UJ	0.00055 UJ	<0.00055	<0.00056
	Bromobenzene	EPA 8260	0.0421	RSL	mg/kg	0.0011 UJ	0.00095 UJ	<0.0010	<0.00096	0.0011 UJ	<0.0010	<0.0010	<0.0010	0.00094 UJ	<0.00099	0.0011 UJ	0.0011 UJ	<0.0011	<0.0011
	Bromochloromethane	EPA 8260			mg/kg	0.0011 UJ	0.00095 UJ	<0.0010	<0.00096	0.0011 UJ	<0.0010	<0.0010	<0.0010	0.00094 UJ	<0.00099	0.0011 UJ	0.0011 UJ	<0.0011	<0.0011
	Bromodichloromethane	EPA 8260	0.03	BCL	mg/kg	0.00055 UJ	0.00048 UJ	<0.00051	<0.00048	0.00056 UJ	<0.00052	<0.00051	<0.00052	0.00047 UJ	<0.00049	0.00055 UJ	0.00055 UJ	<0.00055	<0.00056
	Bromoform	EPA 8260	0.04	BCL	mg/kg	0.0011 UJ	0.00095 UJ	<0.0010	<0.00096	0.0011 UJ	<0.0010	0.0010 UJ	0.0010 UJ	0.00094 UJ	<0.00099	0.0011 UJ	0.0011 UJ	<0.0011	<0.0011
	Bromomethane	EPA 8260	0.01	BCL	mg/kg	0.0011 UJ	0.00095 UJ	<0.0010	<0.00096	0.0011 UJ	<0.0010	0.0010 UJ	0.0010 UJ	0.00094 UJ	<0.00099	0.0011 UJ	0.0011 UJ	<0.0011	<0.0011
	2-Butanone	EPA 8260	1.16	RSL	mg/kg	0.0055 UJ	0.0048 UJ	<0.0051	<0.0048	0.0056 UJ	<0.0052	<0.0051	<0.0052	0.0047 UJ	0.0049 UJ	0.0055 UJ	0.0055 UJ	0.0055 UJ	0.0056 UJ
	n-Butylbenzene	EPA 8260	3.23	RSL	mg/kg	0.0011 UJ	0.00095 UJ	<0.0010	<0.00096	0.0011 UJ	<0.0010	<0.0010	<0.0010	0.00094 UJ	<0.00099	0.0011 UJ	0.0011 UJ	<0.0011	<0.0011
	sec-Butylbenzene	EPA 8260	5.87	RSL	mg/kg	0.0011 UJ	0.00095 UJ	<0.0010	<0.00096	0.0011 UJ	<0.0010	<0.0010	<0.0010	0.00094 UJ	<0.00099	0.0011 UJ	0.0011 UJ	<0.0011	<0.0011
	Carbon tetrachloride	EPA 8260	0.003	BCL	mg/kg	0.00055 UJ	0.00048 UJ	<0.00051	<0.00048	0.00056 UJ	<0.00052	0.00051 UJ	0.00052 UJ	0.00047 UJ	<0.00049	0.00055 UJ	0.00055 UJ	<0.00055	<0.00056
	Chlorobenzene	EPA 8260	0.07	BCL	mg/kg	0.00055 UJ	0.00048 UJ	<0.00051	<0.00048	0.00056 UJ	<0.00052	<0.00051	<0.00052	0.00047 UJ	<0.00049	0.00055 UJ	0.00055 UJ	<0.00055	<0.00056
	Chloroethane	EPA 8260	5.92	RSL	mg/kg	0.0011 UJ	0.00095 UJ	<0.0010	<0.00096	0.0011 UJ	<0.0010	0.0010 UJ	0.0010 UJ	0.00094 UJ	<0.00099	0.0011 UJ	0.0011 UJ	<0.0011	<0.0011
	Chloroform	EPA 8260	0.03	BCL	mg/kg	0.00055 UJ	0.00048 UJ	<0.00051	<0.00048	0.00056 UJ	<0.00052	<0.00051	<0.00052	0.00047 UJ	<0.00049	0.00055 UJ	0.00055 UJ	<0.00055	<0.00056
	Chloromethane	EPA 8260	0.0486	RSL	mg/kg	0.0011 UJ	0.00095 UJ	<0.0010	<0.00096	0.0011 UJ	<0.0010	<0.0010	<0.0010	0.00094 UJ	<0.00099	0.0011 UJ	0.0011 UJ	<0.0011	<0.0011
	2-Chlorotoluene	EPA 8260	0.231	RSL	mg/kg	0.0011 UJ	0.00095 UJ	<0.0010	<0.00096	0.0011 UJ	<0.0010	<0.0010	<0.0010	0.00094 UJ	<0.00099	0.0011 UJ	0.0011 UJ	<0.0011	<0.0011
	4-Chlorotoluene	EPA 8260	0.241	RSL	mg/kg	0.0011 UJ	0.00095 UJ	<0.0010	<0.00096	0.0011 UJ	<0.0010	<0.0010	<0.0010	0.00094 UJ	<0.00099	0.0011 UJ	0.0011 UJ	<0.0011	<0.0011
	Cumene	EPA 8260	0.738	RSL	mg/kg	0.00055 UJ	0.00048 UJ	<0.00051	<0.00048	0.00056 UJ	<0.00052	<0.00051	<0.00052	0.00047 UJ	<0.00049	0.00055 UJ	0.00055 UJ	<0.00055	<0.00056
	p-Cymene	EPA 8260	3.91	CAL	mg/kg	0.00055 UJ	0.00048 UJ	<0.00051	<0.00048	0.00056 UJ	<0.00052	<0.00051	<0.00052	0.00047 UJ	<0.00049	0.00055 UJ	0.00055 UJ	<0.00055	<0.00056

**TABLE A-4. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 5**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-41						RISB-42		RISB-43					
			Level	Source		0.5-1 ft bgs	0.5-1 ft bgs	0.5-1 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	0.5-1 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs
						RISB-41-0.5-20141121	RISB-41-0.5-20141121-FD	RISB-41-0.5-20141202	RISB-41-0.5-20141202-FD	RISB-41-5.0-20141121	RISB-41-5.0-20141202	RISB-42-0.5-20141201	RISB-42-5.0-20141201	RISB-43-0.5-20141121	RISB-43-0.5-20141201	RISB-43-5.0-20141121	RISB-43-5.0-20141121-FD	RISB-43-5.0-20141201	RISB-43-5.0-20141201-FD
VOCs	Dibromochloromethane	EPA 8260	0.02	BCL	mg/kg	0.00055 UJ	0.00048 UJ	<0.00051	<0.00048	0.00056 UJ	<0.00052	0.00051 UJ	0.00052 UJ	0.00047 UJ	<0.00049	0.00055 UJ	0.00055 UJ	<0.00055	<0.00056
	1,2-Dibromoethane	EPA 8260	0.0000141	RSL	mg/kg	0.00055 UJ	0.00048 UJ	<0.00051	<0.00048	0.00056 UJ	<0.00052	<0.00051	<0.00052	0.00047 UJ	<0.00049	0.00055 UJ	0.00055 UJ	<0.00055	<0.00056
	Dibromomethane	EPA 8260	0.00197	RSL	mg/kg	0.00055 UJ	0.00048 UJ	<0.00051	<0.00048	0.00056 UJ	<0.00052	<0.00051	<0.00052	0.00047 UJ	<0.00049	0.00055 UJ	0.00055 UJ	<0.00055	<0.00056
	1,2-Dichlorobenzene	EPA 8260	0.9	BCL	mg/kg	0.00055 UJ	0.00048 UJ	<0.00051	<0.00048	0.00056 UJ	<0.00052	<0.00051	<0.00052	0.00047 UJ	<0.00049	0.00055 UJ	0.00055 UJ	<0.00055	<0.00056
	1,3-Dichlorobenzene	EPA 8260	0.0473	CAL	mg/kg	0.00055 UJ	0.00048 UJ	<0.00051	<0.00048	0.00056 UJ	<0.00052	<0.00051	<0.00052	0.00047 UJ	<0.00049	0.00055 UJ	0.00055 UJ	<0.00055	<0.00056
	1,4-Dichlorobenzene	EPA 8260	0.1	BCL	mg/kg	0.00055 UJ	0.00048 UJ	<0.00051	<0.00048	0.00056 UJ	<0.00052	<0.00051	<0.00052	0.00047 UJ	<0.00049	0.00055 UJ	0.00055 UJ	<0.00055	<0.00056
	Dichlorodifluoromethane	EPA 8260	0.304	RSL	mg/kg	0.0011 UJ	0.00095 UJ	0.0010 UJ	0.00096 UJ	0.0011 UJ	0.0010 UJ	0.0010 UJ	0.0010 UJ	0.00094 UJ	0.00099 UJ	0.0011 UJ	0.0011 UJ	0.0011 UJ	0.0011 UJ
	1,1-Dichloroethane	EPA 8260	1	BCL	mg/kg	0.00055 UJ	0.00048 UJ	<0.00051	<0.00048	0.00056 UJ	<0.00052	<0.00051	<0.00052	0.00047 UJ	<0.00049	0.00055 UJ	0.00055 UJ	<0.00055	<0.00056
	1,2-Dichloroethane	EPA 8260	0.001	BCL	mg/kg	0.00055 UJ	0.00048 UJ	<0.00051	<0.00048	0.00056 UJ	<0.00052	<0.00051	<0.00052	0.00047 UJ	0.00049 UJ	0.00055 UJ	0.00055 UJ	0.00055 UJ	0.00056 UJ
	1,1-Dichloroethene	EPA 8260	0.003	BCL	mg/kg	0.00055 UJ	0.00048 UJ	<0.00051	<0.00048	0.00056 UJ	<0.00052	<0.00051	<0.00052	0.00047 UJ	<0.00049	0.00055 UJ	0.00055 UJ	<0.00055	<0.00056
	cis-1,2-Dichloroethene	EPA 8260	0.02	BCL	mg/kg	0.00055 UJ	0.00048 UJ	<0.00051	<0.00048	0.00056 UJ	<0.00052	<0.00051	<0.00052	0.00047 UJ	<0.00049	0.00055 UJ	0.00055 UJ	<0.00055	<0.00056
	trans-1,2-Dichloroethene	EPA 8260	0.03	BCL	mg/kg	0.00055 UJ	0.00048 UJ	<0.00051	<0.00048	0.00056 UJ	<0.00052	<0.00051	<0.00052	0.00047 UJ	<0.00049	0.00055 UJ	0.00055 UJ	<0.00055	<0.00056
	1,2-Dichloropropane	EPA 8260	0.001	BCL	mg/kg	0.00055 UJ	0.00048 UJ	<0.00051	<0.00048	0.00056 UJ	<0.00052	<0.00051	<0.00052	0.00047 UJ	<0.00049	0.00055 UJ	0.00055 UJ	<0.00055	<0.00056
	1,3-Dichloropropane	EPA 8260	0.001	BCL	mg/kg	0.00055 UJ	0.00048 UJ	<0.00051	<0.00048	0.00056 UJ	<0.00052	<0.00051	<0.00052	0.00047 UJ	<0.00049	0.00055 UJ	0.00055 UJ	<0.00055	<0.00056
	2,2-Dichloropropane	EPA 8260			mg/kg	0.0011 UJ	0.00095 UJ	0.0010 UJ	0.00096 UJ	0.0011 UJ	0.0010 UJ	0.0010 UJ	0.0010 UJ	0.00094 UJ	<0.00099	0.0011 UJ	0.0011 UJ	<0.0011	<0.0011
	1,1-Dichloropropene	EPA 8260			mg/kg	0.00055 UJ	0.00048 UJ	<0.00051	<0.00048	0.00056 UJ	<0.00052	<0.00051	<0.00052	0.00047 UJ	<0.00049	0.00055 UJ	0.00055 UJ	<0.00055	<0.00056
	cis-1,3-Dichloropropene	EPA 8260			mg/kg	0.00055 UJ	0.00048 UJ	<0.00051	<0.00048	0.00056 UJ	<0.00052	<0.00051	<0.00052	0.00047 UJ	<0.00049	0.00055 UJ	0.00055 UJ	<0.00055	<0.00056
	trans-1,3-Dichloropropene	EPA 8260			mg/kg	0.00055 UJ	0.00048 UJ	<0.00051	<0.00048	0.00056 UJ	<0.00052	<0.00051	<0.00052	0.00047 UJ	<0.00049	0.00055 UJ	0.00055 UJ	<0.00055	<0.00056
	Diisopropyl ether	EPA 8260			mg/kg	0.0011 UJ	0.00095 UJ	<0.0010	<0.00096	0.0011 UJ	<0.0010	<0.0010	<0.0010	0.00094 UJ	0.00099 UJ	0.0011 UJ	0.0011 UJ	0.0011 UJ	0.0011 UJ
	Ethyl benzene	EPA 8260	0.7	BCL	mg/kg	0.00055 UJ	0.00048 UJ	<0.00051	<0.00048	0.00056 UJ	<0.00052	<0.00051	<0.00052	0.00047 UJ	<0.00049	0.00055 UJ	0.00055 UJ	<0.00055	<0.00056
	Ethyl tert-butyl ether	EPA 8260			mg/kg	0.0011 UJ	0.00095 UJ	0.0010 UJ	0.00096 UJ	0.0011 UJ	0.0010 UJ	<0.0010	<0.0010	0.00094 UJ	0.00099 UJ	0.0011 UJ	0.0011 UJ	0.0011 UJ	0.0011 UJ
	Hexachlorobutadiene	EPA 8260	0.1	BCL	mg/kg	0.0011 UJ	0.00095 UJ	<0.0010	<0.00096	0.0011 UJ	<0.0010	<0.0010	<0.0010	0.00094 UJ	<0.00099	0.0011 UJ	0.0011 UJ	<0.0011	<0.0011
	2-Hexanone	EPA 8260			mg/kg	0.0055 UJ	0.0048 UJ	<0.0051	<0.0048	0.0056 UJ	<0.0052	<0.0051	<0.0052	0.0047 UJ	<0.0049	0.0055 UJ	0.0055 UJ	<0.0055	<0.0056
	Methyl tert-butyl ether	EPA 8260			mg/kg	0.0011 UJ	0.00095 UJ	0.0010 UJ	0.00096 UJ	0.0011 UJ	0.0010 UJ	<0.0010	<0.0010	0.00094 UJ	<0.00099	0.0011 UJ	0.0011 UJ	<0.0011	<0.0011
	Methylene chloride	EPA 8260	0.001	BCL	mg/kg	0.0055 UJ	0.0048 UJ	<0.0051	<0.0048	0.0056 UJ	<0.0052	<0.0051	<0.0052	0.0047 UJ	<0.0049	0.0055 UJ	0.0055 UJ	<0.0055	<0.0056
	Naphthalene	EPA 8260	4	BCL	mg/kg	0.0011 UJ	0.00095 UJ	<0.0010	<0.00096	0.0011 UJ	<0.0010	<0.0010	<0.0010	0.00094 UJ	0.00099 UJ	0.0011 UJ	0.0011 UJ	0.0011 UJ	0.0011 UJ
	n-Propylbenzene	EPA 8260	1.22	RSL	mg/kg	0.00055 UJ	0.00048 UJ	<0.00051	<0.00048	0.00056 UJ	<0.00052	<0.00051	<0.00052	0.00047 UJ	<0.00049	0.00055 UJ	0.00055 UJ	<0.00055	<0.00056
	Styrene	EPA 8260	0.2	BCL	mg/kg	0.00055 UJ	0.00048 UJ	<0.00051	<0.00048	0.00056 UJ	<0.00052	<0.00051	<0.00052	0.00047 UJ	<0.00049	0.00055 UJ	0.00055 UJ	<0.00055	<0.00056
	1,1,1,2-Tetrachloroethane	EPA 8260	0.000218	RSL	mg/kg	0.0011 UJ	0.00095 UJ	<0.0010	<0.00096	0.0011 UJ	<0.0010	<0.0010	<0.0010	0.00094 UJ	<0.00099	0.0011 UJ	0.0011 UJ	<0.0011	<0.0011
	1,1,2,2-Tetrachloroethane	EPA 8260	0.0002	BCL	mg/kg	0.0011 UJ	0.00095 UJ	<0.0010	<0.00096	0.0011 UJ	<0.0010	<0.0010	<0.0010	0.00094 UJ	0.00099 UJ	0.0011 UJ	0.0011 UJ	0.0011 UJ	0.0011 UJ
	Tetrachloroethene	EPA 8260	0.003	BCL	mg/kg	0.00055 UJ	0.00048 UJ	<0.00051	<0.00048	0.00056 UJ	<0.00052	<0.00051	<0.00052	0.00047 UJ	<0.00049	0.00055 UJ	0.00055 UJ	<0.00055	<0.00056
	Toluene	EPA 8260	0.6	BCL	mg/kg	0.00055 UJ	0.00048 UJ	<0.00051	<0.00048	0.00056 UJ	<0.00052	<0.00051	<0.00052	0.00047 UJ	<0.00049	0.00055 UJ	0.00055 UJ	<0.00055	<0.00056
	1,2,3-Trichlorobenzene	EPA 8260	0.0209	RSL	mg/kg	0.0011 UJ	0.00095 UJ	<0.0010	<0.00096	0.0011 UJ	<0.0010	<0.0010	<0.0010	0.00094 UJ	0.00099 UJ	0.0011 UJ	0.0011 UJ	0.0011 UJ	0.0011 UJ
	1,2,4-Trichlorobenzene	EPA 8260	0.3	BCL	mg/kg	0.0011 UJ	0.00095 UJ	<0.0010	<0.00096	0.0011 UJ	<0.0010	<0.0010	<0.0010	0.00094 UJ	<0.00099	0.0011 UJ	0.0011 UJ	<0.0011	<0.0011
	1,1,1-Trichloroethane	EPA 8260	0.1	BCL	mg/kg	0.00055 UJ	0.00048 UJ	<0.00051	<0.00048	0.00056 UJ	<0.00052	<0.00051	<0.00052	0.00047 UJ	<0.00049	0.00055 UJ	0.00055 UJ	<0.00055	<0.00056
	1,1,2-Trichloroethane	EPA 8260	0.0009	BCL	mg/kg	0.00055 UJ	0.00048 UJ	<0.00051	<0.00048	0.00056 UJ	<0.00052	<0.00051	<0.00052	0.00047 UJ	<0.00049	0.00055 UJ	0.00055 UJ	<0.00055	<0.00056
	Trichloroethene	EPA 8260	0.003	BCL	mg/kg	0.00055 UJ	0.00048 UJ	<0.00051	<0.00048	0.00056 UJ	<0.00052	<0.00051	<0.00052	0.00047 UJ	<0.00049	0.00055 UJ	0.00055 UJ	<0.00055	<0.00056
	Trichlorofluoromethane	EPA 8260	0.731	RSL	mg/kg	0.0011 UJ	0.00095 UJ	<0.0010	<0.00096	0.0011 UJ	<0.0010	<0.0010	<0.0010	0.00094 UJ	<0.00099	0.0011 UJ	0.0011 UJ	<0.0011	<0.0011
	1,2,3-Trichloropropane	EPA 8260	0.000000323	RSL	mg/kg	0.0011 UJ	0.00095 UJ	0.0010 UJ	0.00096 UJ	0.0011 UJ	0.0010 UJ	<0.0010	<0.0010	0.00094 UJ	0.00099 UJ	0.0011 UJ	0.0011 UJ	0.0011 UJ	0.0011 UJ
	1,2,4-Trimethylbenzene	EPA 8260	0.0212	RSL	mg/kg	0.0011 UJ	0.00095 UJ	<0.0010	<0.00096	0.0011 UJ	<0.0010	<0.0010	<0.0010	0.00094 UJ	<0.00099	0.0011 UJ	0.0011 UJ	<0.0011	<0.0011
	1,3,5-Trimethylbenzene	EPA 8260	0.167	RSL	mg/kg	0.0011 UJ	0.00095 UJ	<0.0010	<0.00096	0.0011 UJ	<0.0010	<0.0010	<0.0010	0.00094 UJ	<0.00099	0.0011 UJ	0.0011 UJ	<0.0011	<0.0011
	Vinyl chloride	EPA 8260	0.0007	BCL	mg/kg	0.0011 UJ	0.00095 UJ	<0.0010	<0.00096	0.0011 UJ	<0.0010	<0.0010	<0.0010	0.00094 UJ	<0.00099	0.0011 UJ	0.0011 UJ	<0.0011	<0.0011
	m,p-Xylene	EPA 8260			mg/kg	0.0011 UJ	0.00095 UJ	<0.0010	<0.00096	0.0011 UJ	<0.0010	<0.0010	<0.0010	0.00094 UJ	<0.00099	0.0011 UJ	0.0011 UJ	<0.0011	<0.0011
	o-Xylene	EPA 8260	9	BCL	mg/kg	0.00055 UJ	0.00048 UJ	<0.00051	<0.00048	0.00056 UJ	<0.00052	<0.00051	<0.00052	0.00047 UJ	<0.00049	0.00055 UJ	0.00055 UJ	<0.00055	<0.00056
	1,2-Dibromo-3-chloropropane	EPA 8260	0.0000864	RSL	mg/kg	0.0022 UJ	0.0019 UJ	<0.0020	<0.0019	0.0022 UJ	<0.0021	0.0020 UJ	0.0021 UJ	0.0019 UJ	0.0020 UJ	0.0022 UJ	0.0022 UJ	0.0022 UJ	0.0022 UJ
4-Methyl-2-pentanone	EPA 8260			mg/kg	0.0027 UJ	0.0024 UJ	<0.0025	<0.0024	0.0028 UJ	<0.0026	<0.0025	<0.0026	0.0023 UJ	<0.0025	0.0027 UJ	0.0028 UJ	<0.0028	<0.0028	
tert Butyl alcohol	EPA 8260			mg/kg	0.011 UJ	0.0095 UJ	<0.010	<0.0096	0.011 UJ	<0.010	<0.010	<0.010	0.0094 UJ	<0.0099	0.011 UJ	0.011 UJ	<0.011	<0.011	
tert-Butylbenzene	EPA 8260	1.55	RSL	mg/kg	0.0011 UJ	0.00095 UJ	<0.0010	<0.00096	0.0011 UJ	<0.0010	<0.0010	<0.0010	0.00094 UJ	<0.00099	0.0011 UJ	0.0011 UJ	<0.0011	<0.0011	



**TABLE A-4. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 5**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-41						RISB-42		RISB-43					
			Level	Source		0.5-1 ft bgs	0.5-1 ft bgs	0.5-1 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	0.5-1 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs
						RISB-41-0.5-20141121	RISB-41-0.5-20141121-FD	RISB-41-0.5-20141202	RISB-41-0.5-20141202-FD	RISB-41-5.0-20141121	RISB-41-5.0-20141202	RISB-42-0.5-20141201	RISB-42-5.0-20141201	RISB-43-0.5-20141121	RISB-43-0.5-20141201	RISB-43-5.0-20141121	RISB-43-5.0-20141121-FD	RISB-43-5.0-20141201	RISB-43-5.0-20141201
SVOCs	Acenaphthene	EPA 8270	29	BCL	mg/kg	<0.070	<0.070	--	--	<0.073	--	<0.066	<0.070	<0.069	--	<0.076	<0.075	--	--
	Acenaphthene	EPA 8270-SIM	29	BCL	mg/kg	<0.0042	<0.0041	--	--	<0.0044	--	<0.0041	<0.0043	<0.0041	--	<0.0045	<0.0045	--	--
	Aniline	EPA 8270	0.00456	RSL	mg/kg	<0.088	<0.088	--	--	<0.093	--	<0.084	<0.089	<0.087	--	<0.096	<0.095	--	--
	Anthracene	EPA 8270	590	BCL	mg/kg	<0.083	<0.083	--	--	<0.087	--	<0.079	<0.084	<0.082	--	<0.091	<0.089	--	--
	Anthracene	EPA 8270-SIM	590	BCL	mg/kg	<0.0042	<0.0041	--	--	<0.0044	--	<0.0041	<0.0043	<0.0041	--	<0.0045	<0.0045	--	--
	Benzidine	EPA 8270			mg/kg	0.69 UJ	0.68 UJ	--	--	0.72 UJ	--	<0.65 R	0.69 UJ	0.68 UJ	--	0.75 UJ	0.74 UJ	--	--
	Benzo(k)fluoranthene	EPA 8270	2	BCL	mg/kg	<0.073	<0.073	--	--	<0.076	--	<0.069	<b>0.097 J</b>	<0.072	--	<0.079	<0.078	--	--
	Benzo(k)fluoranthene	EPA 8270-SIM	2	BCL	mg/kg	<0.0042	<0.0041	--	--	<0.0044	--	<0.0041	<0.0043	<0.0041	--	<0.0045	<0.0045	--	--
	Benzoic acid	EPA 8270	20	BCL	mg/kg	<0.35	<0.35	--	--	<0.37	--	0.34 UJ	<0.36	<0.35	--	<0.38	<0.38	--	--
	Benzyl alcohol	EPA 8270	0.476	RSL	mg/kg	<0.16	<0.16	--	--	<0.16	--	<0.15	<0.16	<0.15	--	<0.17	<0.17	--	--
	4-Bromophenyl-phenyl ether	EPA 8270			mg/kg	<0.078	<0.078	--	--	<0.082	--	<0.074	<0.079	<0.077	--	<0.085	<0.084	--	--
	Butylbenzylphthalate	EPA 8270	810	BCL	mg/kg	<0.083	<0.083	--	--	<0.087	--	<0.079	<0.084	<0.082	--	<0.091	<0.089	--	--
	4-Chloroaniline	EPA 8270	0.03	BCL	mg/kg	<0.14	<0.14	--	--	<0.15	--	<0.13	<0.14	<0.14	--	<0.15	<0.15	--	--
	2-Chloronaphthalene	EPA 8270	3.85	RSL	mg/kg	<0.070	<0.070	--	--	<0.073	--	<0.066	<0.070	<0.069	--	<0.076	<0.075	--	--
	2-Chlorophenol	EPA 8270	0.2	BCL	mg/kg	<0.073	<0.073	--	--	<0.076	--	<0.069	<0.073	<0.072	--	<0.079	<0.078	--	--
	4-Chlorophenyl-phenyl ether	EPA 8270			mg/kg	<0.088	<0.088	--	--	<0.093	--	<0.084	<0.089	<0.087	--	<0.096	<0.095	--	--
	Chrysene	EPA 8270	8	BCL	mg/kg	<0.078	<0.078	--	--	<0.082	--	<0.074	<0.079	<0.077	--	<0.085	<0.084	--	--
	Chrysene	EPA 8270-SIM	8	BCL	mg/kg	<0.0042	<0.0041	--	--	<0.0044	--	<0.0041	<0.0043	<b>0.0071 J</b>	--	<0.0045	<0.0045	--	--
	Di-n-butylphthalate	EPA 8270	270	BCL	mg/kg	<0.094	<0.093	--	--	<0.098	--	<0.089	<0.094	<0.092	--	<0.10	<0.10	--	--
	Di-n-octylphthalate	EPA 8270	56.5	RSL	mg/kg	<0.094	<0.093	--	--	<0.098	--	<0.089	<0.094	<0.092	--	<0.10	<0.10	--	--
	Dibenz(a,h)anthracene	EPA 8270	0.08	BCL	mg/kg	<0.10	<0.10	--	--	<0.11	--	<0.099	<0.10	<0.10	--	<0.11	<0.11	--	--
	Dibenz(a,h)anthracene	EPA 8270-SIM	0.08	BCL	mg/kg	<0.0042	<0.0041	--	--	<0.0044	--	<0.0041	<0.0043	<0.0041	--	<0.0045	<0.0045	--	--
	Dibenzofuran	EPA 8270	0.145	RSL	mg/kg	<0.070	<0.070	--	--	<0.073	--	<0.066	<0.070	<0.069	--	<0.076	<0.075	--	--
	3,3'-Dichlorobenzidine	EPA 8270	0.0003	BCL	mg/kg	<0.16	<0.16	--	--	<0.16	--	<0.15	<0.16	<0.15	--	<0.17	<0.17	--	--
	2,4-Dichlorophenol	EPA 8270	0.05	BCL	mg/kg	<0.070	<0.070	--	--	<0.073	--	<0.066	<0.070	<0.069	--	<0.076	<0.075	--	--
	Diethylphthalate	EPA 8270	6.08	RSL	mg/kg	<0.099	<0.099	--	--	<0.10	--	<0.094	<0.10	<0.097	--	<0.11	<0.11	--	--
	2,4-Dimethylphenol	EPA 8270	0.4	BCL	mg/kg	<0.14	<0.13	--	--	<0.14	--	<0.13	<0.14	<0.13	--	<0.15	<0.14	--	--
	Dimethylphthalate	EPA 8270			mg/kg	<0.070	<0.070	--	--	<0.073	--	<0.066	<0.070	<0.069	--	<0.076	<0.075	--	--
	2,4-Dinitrophenol	EPA 8270	0.01	BCL	mg/kg	<0.34	<0.34	--	--	<0.36	--	<0.33	<0.35	<0.34	--	<0.37	<0.37	--	--
	2,4-Dinitrotoluene	EPA 8270	0.00004	BCL	mg/kg	<0.083	<0.083	--	--	<0.087	--	<0.079	<0.084	<0.082	--	<0.091	<0.089	--	--
	2,6-Dinitrotoluene	EPA 8270	0.00003	BCL	mg/kg	<0.099	<0.099	--	--	<0.10	--	<0.094	<0.10	<0.097	--	<0.11	<0.11	--	--
	Fluoranthene	EPA 8270	210	BCL	mg/kg	<0.073	<0.073	--	--	<0.076	--	<0.069	<0.073	<0.072	--	<0.079	<0.078	--	--
	Fluoranthene	EPA 8270-SIM	210	BCL	mg/kg	<b>0.0042 J</b>	0.0041 UJ	--	--	<0.0044	--	<0.0041	<0.0043	<b>0.0070 J</b>	--	<0.0045	<0.0045	--	--
	Fluorene	EPA 8270	28	BCL	mg/kg	<0.073	<0.073	--	--	<0.076	--	<0.069	<0.073	<0.072	--	<0.079	<0.078	--	--
	Fluorene	EPA 8270-SIM	28	BCL	mg/kg	<0.0042	<0.0041	--	--	<0.0044	--	<0.0041	<0.0043	<0.0041	--	<0.0045	<0.0045	--	--
	Hexachlorobenzene	EPA 8270	0.1	BCL	mg/kg	<0.073	<0.073	--	--	<0.076	--	<0.069	<0.073	<0.072	--	<0.079	<0.078	--	--
	Hexachlorocyclopentadiene	EPA 8270	20	BCL	mg/kg	<0.14	<0.14	--	--	<0.15	--	<0.13	<0.14	<0.14	--	<0.15	<0.15	--	--
	Hexachloroethane	EPA 8270	0.02	BCL	mg/kg	<0.14	<0.14	--	--	<0.15	--	<0.13	<0.14	<0.14	--	<0.15	<0.15	--	--
	Isophorone	EPA 8270	0.03	BCL	mg/kg	<0.070	<0.070	--	--	<0.073	--	<0.066	<0.070	<0.069	--	<0.076	<0.075	--	--
	1-Methylnaphthalene	EPA 8270	0.00584	RSL	mg/kg	<0.16	<0.16	--	--	<0.16	--	<0.15	<0.16	<0.15	--	<0.17	<0.17	--	--
	2-Methylnaphthalene	EPA 8270	0.185	RSL	mg/kg	<0.073	<0.073	--	--	<0.076	--	<0.069	<0.073	<0.072	--	<0.079	<0.078	--	--
	2-Methylphenol	EPA 8270	0.8	BCL	mg/kg	<0.083	<0.083	--	--	<0.087	--	<0.079	<0.084	<0.082	--	<0.091	<0.089	--	--
	3&4-Methylphenol	EPA 8270			mg/kg	<0.14	<0.14	--	--	<0.15	--	<0.13	<0.14	<0.14	--	<0.15	<0.15	--	--
	Naphthalene	EPA 8270	4	BCL	mg/kg	<0.070	<0.070	--	--	<0.073	--	<0.066	<0.070	<0.069	--	<0.076	<0.075	--	--
	Naphthalene	EPA 8270-SIM	4	BCL	mg/kg	<0.0042	<0.0041	--	--	<0.0044	--	<0.0041	<0.0043	<0.0041	--	<0.0045	<0.0045	--	--
	2-Nitroaniline	EPA 8270	0.0801	RSL	mg/kg	<0.070	<0.070	--	--	<0.073	--	<0.066	<0.070	<0.069	--	<0.076	<0.075	--	--
	3-Nitroaniline	EPA 8270			mg/kg	<0.14	<0.14	--	--	<0.15	--	<0.13	<0.14	<0.14	--	<0.15	<0.15	--	--
	4-Nitroaniline	EPA 8270	0.00158	RSL	mg/kg	<0.14	<0.14	--	--	<0.15	--	<0.13	<0.14	<0.14	--	<0.15	<0.15	--	--

**TABLE A-4. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 5**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-41						RISB-42		RISB-43					
			Level	Source		0.5-1 ft bgs	0.5-1 ft bgs	0.5-1 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	0.5-1 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs
						RISB-41-0.5-20141121	RISB-41-0.5-20141121-FD	RISB-41-0.5-20141202	RISB-41-0.5-20141202-FD	RISB-41-5.0-20141121	RISB-41-5.0-20141202	RISB-42-0.5-20141201	RISB-42-5.0-20141201	RISB-43-0.5-20141121	RISB-43-0.5-20141201	RISB-43-5.0-20141121	RISB-43-5.0-20141121-FD	RISB-43-5.0-20141201	RISB-43-5.0-20141201-FD
SVOCs	Nitrobenzene	EPA 8270	0.007	BCL	mg/kg	<0.073	<0.073	--	--	<0.076	--	<0.069	<0.073	<0.072	--	<0.079	<0.078	--	--
	2-Nitrophenol	EPA 8270			mg/kg	<0.14	<0.14	--	--	<0.15	--	<0.13	<0.14	<0.14	--	<0.15	<0.15	--	--
	4-Nitrophenol	EPA 8270			mg/kg	<0.15	<0.15	--	--	<0.15	--	<0.14	<0.15	<0.14	--	<0.16	<0.16	--	--
	n-Nitrosodiphenylamine	EPA 8270	0.06	BCL	mg/kg	<0.083	<0.083	--	--	<0.087	--	<0.079	<0.084	<0.082	--	<0.091	<0.089	--	--
	Octachlorostyrene	EPA 8270			mg/kg	<2.4	<2.4	--	--	<2.5	--	<2.3	<2.4	<2.4	--	<2.6	<2.6	--	--
	Pentachlorophenol	EPA 8270	0.001	BCL	mg/kg	<0.35	<0.35	--	--	<0.37	--	0.34 UJ	0.36 UJ	<0.35	--	<0.38	<0.38	--	--
	Phenol	EPA 8270	5	BCL	mg/kg	<0.094	<0.093	--	--	<0.098	--	<0.089	<0.094	<0.092	--	<0.10	<0.10	--	--
	Pyrene	EPA 8270	210	BCL	mg/kg	<0.083	<0.083	--	--	<0.087	--	<0.079	<0.084	<0.082	--	<0.091	<0.089	--	--
	Pyrene	EPA 8270-SIM	210	BCL	mg/kg	<0.0042	<0.0041	--	--	<0.0044	--	<0.0041	<0.0043	<b>0.0060 J</b>	--	<0.0045	<0.0045	--	--
	Pyridine	EPA 8270			mg/kg	<0.16	<0.16	--	--	<0.16	--	<0.15	<0.16	<0.15	--	<0.17	<0.17	--	--
	2,4,5-Trichlorophenol	EPA 8270	14	BCL	mg/kg	<0.14	<0.13	--	--	<0.14	--	<0.13	<0.14	<0.13	--	<0.15	<0.14	--	--
	2,4,6-Trichlorophenol	EPA 8270	0.008	BCL	mg/kg	<0.078	<0.078	--	--	<0.082	--	<0.074	<0.079	<0.077	--	<0.085	<0.084	--	--
	bis(2-Chloroethoxy)methane	EPA 8270	0.0135	RSL	mg/kg	<0.14	<0.14	--	--	<0.15	--	<0.13	<0.14	<0.14	--	<0.15	<0.15	--	--
	bis(2-Chloroethyl) ether	EPA 8270	0.00002	BCL	mg/kg	<0.073	<0.073	--	--	<0.076	--	<0.069	<0.073	<0.072	--	<0.079	<0.078	--	--
	bis(2-Ethylhexyl)phthalate	EPA 8270	180	BCL	mg/kg	<0.094	<0.093	--	--	<0.098	--	<0.089	<0.094	<0.092	--	<0.10	<0.10	--	--
4-Chloro-3-methylphenol	EPA 8270	1.71	RSL	mg/kg	<0.073	<0.073	--	--	<0.076	--	<0.069	<0.073	<0.072	--	<0.079	<0.078	--	--	
n-Nitroso-di-n-propylamine	EPA 8270	0.000002	BCL	mg/kg	<0.073	<0.073	--	--	<0.076	--	<0.069	<0.073	<0.072	--	<0.079	<0.078	--	--	
Organo-chlorine Pesticides	Aldrin	EPA 8081	0.02	BCL	mg/kg	<0.0016	<0.0016	--	--	<0.0016	--	<0.0015	<0.0016	<0.0016	--	<0.0017	<0.0017	--	--
	alpha-BHC	EPA 8081	0.0266	BCL	mg/kg	<0.0016	<0.0016	--	--	<0.0016	--	<0.0015	<0.0016	<0.0016	--	<0.0017	<0.0017	--	--
	beta-BHC	EPA 8081	0.00545	BCL	mg/kg	<b>0.0034 J</b>	<b>0.0031 J</b>	--	--	<0.0016	--	<b>0.12</b>	<0.0016	<b>0.067</b>	--	<0.0017	<0.0017	--	--
	delta-BHC	EPA 8081	28.1	BCL	mg/kg	<0.0016	<0.0016	--	--	<0.0016	--	<0.0015	<0.0016	<0.0016	--	<0.0017	<0.0017	--	--
	gamma-BHC	EPA 8081	0.0005	BCL	mg/kg	<0.0016	<0.0016	--	--	<0.0016	--	<0.0015	<0.0016	<0.0016	--	<0.0017	<0.0017	--	--
	alpha-Chlordane	EPA 8081			mg/kg	<0.0021	<0.0021	--	--	<0.0022	--	<0.0020	<0.0021	<0.0021	--	<0.0023	<0.0022	--	--
	gamma-Chlordane	EPA 8081			mg/kg	<0.0016	<0.0016	--	--	<0.0016	--	<0.0015	<0.0016	<0.0016	--	<0.0017	<0.0017	--	--
	4,4'-DDD	EPA 8081	0.8	BCL	mg/kg	<0.0016	<0.0016	--	--	<0.0016	--	<0.0015	<0.0016	<0.0016	--	<0.0017	<0.0017	--	--
	2,4'-DDE	EPA 8081			mg/kg	<b>0.0018 J</b>	<b>0.0019 J</b>	--	--	<0.0016	--	<b>0.0041 J</b>	<0.0016	<b>0.0028 J</b>	--	<0.0017	<0.0017	--	--
	4,4'-DDE	EPA 8081	3	BCL	mg/kg	<b>0.0030 J</b>	<b>0.0027 J</b>	--	--	<0.0016	--	<b>0.0069</b>	<0.0016	<b>0.0061</b>	--	<0.0017	<0.0017	--	--
	4,4'-DDT	EPA 8081	2	BCL	mg/kg	<0.0016	<0.0016	--	--	<0.0016	--	<0.0015	<0.0016	<0.0016	--	<0.0017	<0.0017	--	--
	Dieldrin	EPA 8081	0.0002	BCL	mg/kg	<0.0016	<0.0016	--	--	<0.0016	--	<0.0015	<0.0016	<0.0016	--	<0.0017	<0.0017	--	--
	Endosulfan I	EPA 8081			mg/kg	<0.0016	<0.0016	--	--	<0.0016	--	<0.0015	<0.0016	<0.0016	--	<0.0017	<0.0017	--	--
	Endosulfan II	EPA 8081			mg/kg	<0.0016	<0.0016	--	--	<0.0016	--	<0.0015	<0.0016	<0.0016	--	<0.0017	<0.0017	--	--
	Endosulfan sulfate	EPA 8081			mg/kg	<0.0021	<0.0021	--	--	<0.0022	--	<0.0020	<0.0021	<0.0021	--	<0.0023	<0.0022	--	--
	Endrin	EPA 8081	0.05	BCL	mg/kg	<0.0016	<0.0016	--	--	<0.0016	--	<0.0015	<0.0016	<0.0016	--	<0.0017	<0.0017	--	--
	Endrin aldehyde	EPA 8081			mg/kg	<0.0016	<0.0016	--	--	<0.0016	--	<0.0015	<0.0016	<0.0016	--	<0.0017	<0.0017	--	--
	Endrin ketone	EPA 8081			mg/kg	<0.0021	<0.0021	--	--	<0.0022	--	<0.0020	<0.0021	<0.0021	--	<0.0023	<0.0022	--	--
	Heptachlor	EPA 8081	1	BCL	mg/kg	<0.0021	<0.0021	--	--	<0.0022	--	<0.0020	<0.0021	<0.0021	--	<0.0023	<0.0022	--	--
Heptachlor epoxide	EPA 8081	0.03	BCL	mg/kg	<0.0021	<0.0021	--	--	<0.0022	--	<0.0020	<0.0021	<0.0021	--	<0.0023	<0.0022	--	--	
Methoxychlor	EPA 8081	8	BCL	mg/kg	<0.0016	<0.0016	--	--	<0.0016	--	<0.0015	<0.0016	0.0016 UJ	--	0.0017 UJ	0.0017 UJ	--	--	
Toxaphene	EPA 8081	2	BCL	mg/kg	<0.052	<0.052	--	--	<0.055	--	<b>0.12 J</b>	<0.053	<0.052	--	<0.056	<0.056	--	--	
PAHs	Acenaphthylene	EPA 8270	0.0106	CAL	mg/kg	<0.073	<0.073	--	--	<0.076	--	<0.069	<0.073	<0.072	--	<0.079	<0.078	--	--
	Acenaphthylene	EPA 8270-SIM	0.0106	CAL	mg/kg	<0.0042	<0.0041	--	--	<0.0044	--	<0.0041	<0.0043	<0.0041	--	<0.0045	<0.0045	--	--
	Benzo(a)anthracene	EPA 8270	0.08	BCL	mg/kg	<0.073	<0.073	--	--	<0.076	--	<0.069	<0.073	<0.072	--	<0.079	<0.078	--	--
	Benzo(a)anthracene	EPA 8270-SIM	0.08	BCL	mg/kg	<0.0042	<0.0041	--	--	<0.0044	--	<0.0041	<0.0043	<b>0.0047 J</b>	--	<0.0045	<0.0045	--	--
	Benzo(a)pyrene	EPA 8270	0.4	BCL	mg/kg	<0.070	<0.070	--	--	<0.073	--	<0.066	<0.070	<0.069	--	<0.076	<0.075	--	--
	Benzo(a)pyrene	EPA 8270-SIM	0.4	BCL	mg/kg	<0.0042	<0.0041	--	--	<0.0044	--	<0.0041	<0.0043	<b>0.0053 J</b>	--	<0.0045	<0.0045	--	--
	Benzo(b)fluoranthene	EPA 8270	0.2	BCL	mg/kg	<0.073	<0.073	--	--	<0.076	--	<0.069	<0.073	<0.072	--	<0.079	<0.078	--	--
	Benzo(b)fluoranthene	EPA 8270-SIM	0.2	BCL	mg/kg	<b>0.0053 J</b>	0.0041 UJ	--	--	<0.0044	--	<0.0041	<0.0043	<b>0.010 J</b>	--	<0.0045	<0.0045	--	--
	Benzo(g,h,i)perylene	EPA 8270			mg/kg	<0.11	<0.11	--	--	<0.12	--	<0.11	<0.12	<0.11	--	<0.12	<0.12	--	--
Benzo(g,h,i)perylene	EPA 8270-SIM			mg/kg	<0.0042	<0.0041	--	--	<0.0044	--	<0.0041	<0.0043	<b>0.0050 J</b>	--	<0.0045	<0.0045	--	--	

**TABLE A-4. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 5**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-41						RISB-42		RISB-43					
			Level	Source		0.5-1 ft bgs	0.5-1 ft bgs	0.5-1 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	0.5-1 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs
						RISB-41-0.5-20141121	RISB-41-0.5-20141121-FD	RISB-41-0.5-20141202	RISB-41-0.5-20141202-FD	RISB-41-5.0-20141121	RISB-41-5.0-20141202	RISB-42-0.5-20141201	RISB-42-5.0-20141201	RISB-43-0.5-20141121	RISB-43-0.5-20141201	RISB-43-5.0-20141121	RISB-43-5.0-20141121-FD	RISB-43-5.0-20141201	RISB-43-5.0-20141201-FD
PAHs	Indeno(1,2,3-cd)pyrene	EPA 8270	0.7	BCL	mg/kg	<0.14	<0.13	--	--	<0.14	--	<0.13	<0.14	<0.13	--	<0.15	<0.14	--	--
	Indeno(1,2,3-cd)pyrene	EPA 8270-SIM	0.7	BCL	mg/kg	<0.0042	<0.0041	--	--	<0.0044	--	<0.0041	<0.0043	<b>0.0047 J</b>	--	<0.0045	<0.0045	--	--
	Phenanthrene	EPA 8270	0.0243	CAL	mg/kg	<0.070	<0.070	--	--	<0.073	--	<0.066	<0.070	<0.069	--	<0.076	<0.075	--	--
	Phenanthrene	EPA 8270-SIM	0.0243	CAL	mg/kg	<0.0042	<0.0041	--	--	<0.0044	--	<0.0041	<0.0043	<0.0041	--	<0.0045	<0.0045	--	--
PCBs	Aroclor-1260	EPA 8082	0.00549	RSL	mg/kg	<0.018	<0.018	--	--	<0.019	--	<0.017	<0.018	<0.018	--	<0.019	<0.019	--	--
	PCB-001	EPA 1668A			pg/g	<b>8.8 J</b>	<b>3.4 J</b>	--	--	<b>0.57 J</b>	--	<b>3.1 J</b>	<b>0.27 J</b>	<b>12 J</b>	--	<b>0.63 J</b>	<b>0.95 J</b>	--	--
	PCB-002	EPA 1668A			pg/g	<b>10 J</b>	<b>4.8 J</b>	--	--	<0.26	--	<b>2.7 J</b>	<0.15	<b>12 J</b>	--	<0.23	<0.19	--	--
	PCB-003	EPA 1668A			pg/g	<b>9.9 J</b>	<b>8.7 J</b>	--	--	<0.26	--	<b>5.4 J</b>	<0.13	<b>18 J</b>	--	<0.23	<0.19	--	--
	PCB-004	EPA 1668A			pg/g	<5.2	<6.4	--	--	<4.5	--	<1.2	<0.96	<b>6.0 J</b>	--	<4.4	<2.5	--	--
	PCB-005	EPA 1668A			pg/g	<2.7	<4.6	--	--	<3.1	--	<0.95	<0.46	<4.1	--	<1.6	<1.2	--	--
	PCB-006	EPA 1668A			pg/g	<b>6.4 J</b>	4.6 UJ	--	--	<3.1	--	<b>1.8 J</b>	<0.46	<b>9.7 J</b>	--	<1.6	<1.2	--	--
	PCB-007	EPA 1668A			pg/g	<2.7	<4.4	--	--	<3.0	--	<0.91	<0.45	<4.0	--	<1.5	<1.2	--	--
	PCB-008	EPA 1668A			pg/g	<b>9.8 J</b>	<b>5.6 J</b>	--	--	<2.9	--	<b>4.6 J</b>	<0.44	<b>21 J</b>	--	<1.5	<1.2	--	--
	PCB-009	EPA 1668A			pg/g	<3.0	<4.9	--	--	<3.3	--	<1.0	<0.50	<4.4	--	<1.7	<1.3	--	--
	PCB-010	EPA 1668A			pg/g	<3.5	<4.3	--	--	<3.1	--	<0.73	<0.61	<3.5	--	<3.1	<1.8	--	--
	PCB-011	EPA 1668A			pg/g	<b>9.2 J</b>	<b>7.3 J</b>	--	--	<3.4	--	<b>7.1 J</b>	<b>4.8 J</b>	<b>40 J</b>	--	<b>3.7 J</b>	<b>5.0 J</b>	--	--
	PCB-014	EPA 1668A			pg/g	<2.5	<4.2	--	--	<2.8	--	<0.87	<0.43	<3.8	--	<1.5	<1.2	--	--
	PCB-015	EPA 1668A			pg/g	<b>23</b>	<b>20 J</b>	--	--	<4.1	--	<b>15 J</b>	<0.55	<b>52</b>	--	<2.1	<1.7	--	--
	PCB-016	EPA 1668A			pg/g	<b>1.6 J</b>	0.52 UJ	--	--	<0.51	--	<b>0.51 J</b>	<0.18	<b>3.7 J</b>	--	<0.37	<0.26	--	--
	PCB-017	EPA 1668A			pg/g	<b>1.6 J</b>	<b>1.1 J</b>	--	--	<0.41	--	<b>0.66 J</b>	<b>0.24 J</b>	<b>3.7 J</b>	--	<0.30	<0.21	--	--
	PCB-019	EPA 1668A			pg/g	<b>0.51 J</b>	0.45 UJ	--	--	<0.43	--	<b>0.84 J</b>	<0.16	<b>0.80 J</b>	--	<0.30	<0.21	--	--
	PCB-022	EPA 1668A			pg/g	<b>2.3 J</b>	<b>1.7 J</b>	--	--	<0.31	--	<b>1.1 J</b>	<0.22	<b>10 J</b>	--	<0.23	<0.26	--	--
	PCB-023	EPA 1668A			pg/g	<b>0.99 J</b>	0.84 UJ	--	--	<0.25	--	<0.43	<0.18	<2.5	--	<0.18	<0.21	--	--
	PCB-024	EPA 1668A			pg/g	<b>0.72 J</b>	0.33 UJ	--	--	<0.33	--	<b>0.21 J</b>	<0.12	<b>1.1 J</b>	--	<0.24	<0.17	--	--
	PCB-025	EPA 1668A			pg/g	<b>2.3 J</b>	<b>1.9 J</b>	--	--	<0.26	--	<b>0.81 J</b>	<0.18	<2.6	--	<0.19	<0.21	--	--
	PCB-027	EPA 1668A			pg/g	<b>0.68 J</b>	<b>0.55 J</b>	--	--	<0.32	--	<b>0.20 J</b>	<0.11	<b>0.90 J</b>	--	<0.23	<0.16	--	--
	PCB-031	EPA 1668A			pg/g	<b>6.3 J</b>	<b>5.2 J</b>	--	--	<0.26	--	<b>3.3 J</b>	<b>0.40 J</b>	<b>23 J</b>	--	<b>0.36 J</b>	<b>0.53 J</b>	--	--
	PCB-032	EPA 1668A			pg/g	<b>0.64 J</b>	<b>0.62 J</b>	--	--	<0.26	--	<b>0.36 J</b>	<b>0.13 J</b>	<b>2.3 J</b>	--	<0.19	<0.13	--	--
	PCB-034	EPA 1668A			pg/g	<b>1.2 J</b>	0.93 UJ	--	--	<0.28	--	<0.48	<0.20	<2.8	--	<0.20	<0.23	--	--
	PCB-035	EPA 1668A			pg/g	<b>6.8 J</b>	<b>5.6 J</b>	--	--	<0.32	--	<b>5.2 J</b>	<0.23	<b>15 J</b>	--	<0.23	<0.27	--	--
	PCB-036	EPA 1668A			pg/g	<b>3.8 J</b>	<b>3.4 J</b>	--	--	<0.29	--	<b>2.8 J</b>	<0.21	<b>5.1 J</b>	--	<0.21	<0.24	--	--
	PCB-037	EPA 1668A			pg/g	<b>11 J</b>	<b>9.8 J</b>	--	--	<0.42	--	<b>7.9 J</b>	<0.27	<b>35 J</b>	--	<0.33	<0.38	--	--
	PCB-038	EPA 1668A			pg/g	<b>2.2 J</b>	1.1 UJ	--	--	<0.32	--	<b>0.83 J</b>	<0.23	<3.2	--	<0.23	<0.26	--	--
	PCB-039	EPA 1668A			pg/g	<b>3.3 J</b>	0.95 UJ	--	--	<0.28	--	<b>3.9 J</b>	<0.20	<2.8	--	<0.21	<0.24	--	--
	PCB-041	EPA 1668A			pg/g	<b>1.1 J</b>	<b>1.2 J</b>	--	--	<0.24	--	<b>0.67 J</b>	<0.11	<b>2.4 J</b>	--	<0.18	<0.17	--	--
	PCB-042	EPA 1668A			pg/g	<b>1.5 J</b>	<b>1.6 J</b>	--	--	<0.19	--	<b>1.0 J</b>	<0.090	<b>6.2 J</b>	--	<0.14	<0.14	--	--
	PCB-043	EPA 1668A			pg/g	<b>2.1 J</b>	<b>1.5 J</b>	--	--	<0.23	--	<b>1.2 J</b>	<0.11	<b>3.3 J</b>	--	<0.17	<0.16	--	--
PCB-045	EPA 1668A			pg/g	<b>1.2 J</b>	<b>0.93 J</b>	--	--	<0.23	--	<b>0.81 J</b>	<0.11	<b>2.8 J</b>	--	<0.17	<0.16	--	--	
PCB-046	EPA 1668A			pg/g	<b>0.52 J</b>	0.29 UJ	--	--	<0.23	--	<b>0.33 J</b>	<0.11	<b>1.2 J</b>	--	<0.17	<0.16	--	--	
PCB-048	EPA 1668A			pg/g	<b>2.1 J</b>	<b>1.6 J</b>	--	--	<0.19	--	<b>1.1 J</b>	<b>0.11 J</b>	<b>6.1 J</b>	--	<0.14	<0.14	--	--	
PCB-051	EPA 1668A			pg/g	<b>1.1 J</b>	<b>1.2 J</b>	--	--	<b>0.31 J</b>	--	<b>0.37 J</b>	<0.085	<b>1.7 J</b>	--	<0.13	<0.13	--	--	
PCB-052	EPA 1668A			pg/g	<b>8.7 J</b>	<b>9.3 J</b>	--	--	<b>0.23 J</b>	--	<b>4.8 J</b>	<b>0.61 J</b>	<b>98</b>	--	<b>0.61 J</b>	<b>1.1 J</b>	--	--	
PCB-054	EPA 1668A			pg/g	<0.15	<0.19	--	--	<0.18	--	<b>0.63 J</b>	<0.090	<0.26	--	<0.13	<0.13	--	--	
PCB-055	EPA 1668A			pg/g	<b>3.1 J</b>	1.0 UJ	--	--	<0.21	--	<b>2.7 J</b>	<0.15	<2.3	--	<0.14	<0.22	--	--	
PCB-056	EPA 1668A			pg/g	<b>11 J</b>	<b>8.4 J</b>	--	--	<0.25	--	<b>1.4 J</b>	<0.17	<b>37 J</b>	--	<0.17	<0.26	--	--	
PCB-057	EPA 1668A			pg/g	<b>3.1 J</b>	<b>1.7 J</b>	--	--	<0.24	--	<b>2.1 J</b>	<0.16	<b>2.8 J</b>	--	<0.16	<0.24	--	--	
PCB-058	EPA 1668A			pg/g	<b>2.1 J</b>	1.1 UJ	--	--	<0.23	--	<0.93	<0.16	<2.5	--	<0.16	<0.24	--	--	
PCB-060	EPA 1668A			pg/g	<b>2.8 J</b>	1.1 UJ	--	--	<0.23	--	<b>1.9 J</b>	<0.16	<b>20 J</b>	--	<0.16	<0.23	--	--	
PCB-063	EPA 1668A			pg/g	<b>2.6 J</b>	<b>2.3 J</b>	--	--	<0.22	--	<b>1.9 J</b>	<0.15	<b>6.0 J</b>	--	<0.15	<0.22	--	--	

**TABLE A-4. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 5**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-41						RISB-42		RISB-43					
			Level	Source		0.5-1 ft bgs	0.5-1 ft bgs	0.5-1 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	0.5-1 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs
						RISB-41-0.5-20141121	RISB-41-0.5-20141121-FD	RISB-41-0.5-20141202	RISB-41-0.5-20141202-FD	RISB-41-5.0-20141121	RISB-41-5.0-20141202	RISB-42-0.5-20141201	RISB-42-5.0-20141201	RISB-43-0.5-20141121	RISB-43-0.5-20141201	RISB-43-5.0-20141121	RISB-43-5.0-20141121-FD	RISB-43-5.0-20141201	RISB-43-5.0-20141201-FD
PCBs	PCB-064	EPA 1668A			pg/g	2.2 J	1.9 J	--	--	<0.13	--	1.6 J	<0.062	19 J	--	0.15 J	0.18 J	--	--
	PCB-066	EPA 1668A			pg/g	16 J	15 J	--	--	<0.26	--	9.4 J	0.38 J	86	--	0.28 J	0.98 J	--	--
	PCB-067	EPA 1668A			pg/g	3.1 J	1.0 UJ	--	--	<0.22	--	1.6 J	<0.15	4.8 J	--	<0.15	<0.22	--	--
	PCB-068	EPA 1668A			pg/g	4.0 J	3.3 J	--	--	<0.21	--	2.0 J	<0.15	5.1 J	--	<0.15	<0.22	--	--
	PCB-072	EPA 1668A			pg/g	3.1 J	2.4 J	--	--	<0.23	--	2.2 J	<0.15	4.8 J	--	<0.15	<0.23	--	--
	PCB-073	EPA 1668A			pg/g	0.97 J	0.76 J	--	--	<0.15	--	0.42 J	<0.070	1.6 J	--	<0.11	<0.10	--	--
	PCB-077	EPA 1668A			pg/g	9.0	7.1	--	--	<0.34	--	6.9	<0.24	32	--	<0.26	<0.38	--	--
	PCB-078	EPA 1668A			pg/g	4.2 J	4.1 J	--	--	<0.26	--	4.6 J	<0.18	8.7 J	--	<0.18	<0.27	--	--
	PCB-079	EPA 1668A			pg/g	7.2 J	4.2 J	--	--	<0.24	--	5.9 J	<0.17	14 J	--	<0.17	<0.25	--	--
	PCB-080	EPA 1668A			pg/g	3.0 J	2.4 J	--	--	<0.22	--	2.6 J	<0.15	4.3 J	--	<0.15	<0.22	--	--
	PCB-081	EPA 1668A	61.8	RSL	pg/g	5.4	4.4	--	--	<0.30	--	4.5	<0.21	9.0	--	<0.23	<0.33	--	--
	PCB-082	EPA 1668A			pg/g	11 J	9.4 J	--	--	<0.26	--	7.1 J	<0.26	48	--	<0.31	<0.29	--	--
	PCB-083	EPA 1668A			pg/g	<4.4	<3.7	--	--	<0.29	--	<3.6	<0.29	<18	--	<0.35	<0.32	--	--
	PCB-084	EPA 1668A			pg/g	5.5 J	4.1 J	--	--	<0.27	--	<3.3	<0.26	54	--	0.32 UJ	0.31 J	--	--
	PCB-089	EPA 1668A			pg/g	<3.7	<3.1	--	--	<0.25	--	<3.1	<0.25	<16	--	<0.30	<0.27	--	--
	PCB-092	EPA 1668A			pg/g	7.5 J	5.9 J	--	--	<0.24	--	5.6 J	<0.23	54	--	<0.28	<0.26	--	--
	PCB-094	EPA 1668A			pg/g	<3.6	<3.0	--	--	<0.24	--	<3.0	<0.23	<15	--	<0.28	<0.26	--	--
	PCB-095	EPA 1668A			pg/g	12 J	9.5 J	--	--	<0.23	--	6.8 J	<0.23	180	--	0.58 J	1.1 J	--	--
	PCB-096	EPA 1668A			pg/g	1.1 J	0.95 J	--	--	<0.12	--	0.59 J	<0.15	1.9 J	--	<0.17	<0.20	--	--
	PCB-099	EPA 1668A			pg/g	11 J	9.0 J	--	--	<0.21	--	9.0 J	<0.20	140	--	0.41 J	0.51 J	--	--
	PCB-103	EPA 1668A			pg/g	<3.2	<2.7	--	--	<0.21	--	<2.6	<0.21	<13	--	<0.25	<0.23	--	--
	PCB-104	EPA 1668A			pg/g	1.1 J	0.88 J	--	--	<0.11	--	0.92 J	<0.12	1.3 J	--	<0.13	<0.15	--	--
	PCB-105	EPA 1668A			pg/g	18	15	--	--	0.28 J	--	14	<0.20	210	--	0.49 J	0.76 J	--	--
	PCB-106	EPA 1668A			pg/g	27	21 J	--	--	<0.19	--	19 J	<0.18	<12	--	<0.22	<0.20	--	--
	PCB-109	EPA 1668A			pg/g	14 J	10 J	--	--	<0.17	--	11 J	<0.16	37 J	--	<0.20	<0.18	--	--
	PCB-111	EPA 1668A			pg/g	6.7 J	5.6 J	--	--	<0.16	--	6.1 J	<0.15	<9.8	--	<0.19	<0.17	--	--
	PCB-112	EPA 1668A			pg/g	3.1 J	2.0 UJ	--	--	<0.16	--	2.5 J	<0.16	<10	--	<0.19	<0.18	--	--
	PCB-114	EPA 1668A			pg/g	11	9.4	--	--	<0.19	--	8.8	<0.19	20	--	<0.24	<0.22	--	--
	PCB-118	EPA 1668A	1,010	RSL	pg/g	31	27	--	--	0.38 J	--	24	0.36 J	380	--	1.1 J	1.4 J	--	--
	PCB-120	EPA 1668A			pg/g	8.0 J	6.6 J	--	--	<0.17	--	7.5 J	<0.16	<10	--	<0.20	<0.18	--	--
	PCB-121	EPA 1668A			pg/g	3.4 J	2.4 J	--	--	<0.16	--	2.6 J	<0.16	<10	--	<0.19	<0.17	--	--
	PCB-122	EPA 1668A			pg/g	3.1 J	2.4 UJ	--	--	<0.19	--	<2.4	<0.19	<12	--	<0.23	<0.21	--	--
	PCB-123	EPA 1668A			pg/g	4.3	3.8	--	--	<0.18	--	3.7	<0.18	<12	--	<0.22	<0.20	--	--
PCB-126	EPA 1668A	0.303	RSL	pg/g	7.6	7.8	--	--	<0.23	--	8.0	<0.27	<16	--	<0.29	<0.28	--	--	
PCB-127	EPA 1668A			pg/g	7.2 J	6.0 J	--	--	<0.18	--	6.4 J	<0.18	<12	--	<0.22	<0.20	--	--	
PCB-130	EPA 1668A			pg/g	25	19 J	--	--	<0.29	--	21 J	<0.29	62	--	<0.24	<0.30	--	--	
PCB-131	EPA 1668A			pg/g	4.8 J	3.8 J	--	--	<0.28	--	3.5 J	<0.28	<9.0	--	<0.23	<0.29	--	--	
PCB-132	EPA 1668A			pg/g	14 J	12 J	--	--	<0.26	--	8.8 J	<0.26	150	--	0.48 J	0.42 J	--	--	
PCB-133	EPA 1668A			pg/g	13 J	11 J	--	--	<0.26	--	11 J	<0.26	15 J	--	<0.22	<0.27	--	--	
PCB-136	EPA 1668A			pg/g	4.9 J	4.7 J	--	--	<0.18	--	3.7 J	<0.18	38 J	--	<0.15	<0.19	--	--	
PCB-137	EPA 1668A			pg/g	14 J	8.9 J	--	--	<0.23	--	11 J	<0.23	39 J	--	<0.19	<0.24	--	--	
PCB-141	EPA 1668A			pg/g	19 J	18 J	--	--	<0.25	--	16 J	<0.25	110	--	<0.21	<0.26	--	--	
PCB-142	EPA 1668A			pg/g	11 J	9.0 J	--	--	<0.25	--	8.4 J	<0.25	8.4 J	--	<0.21	<0.26	--	--	
PCB-144	EPA 1668A			pg/g	11 J	9.5 J	--	--	<0.24	--	8.8 J	<0.23	27 J	--	<0.20	<0.24	--	--	
PCB-145	EPA 1668A			pg/g	2.6 J	2.3 J	--	--	<0.18	--	2.2 J	<0.17	<5.6	--	<0.15	<0.18	--	--	
PCB-146	EPA 1668A			pg/g	38	32 J	--	--	<0.23	--	29	<0.23	88	--	<0.19	<0.24	--	--	
PCB-148	EPA 1668A			pg/g	10 J	9.3 J	--	--	<0.23	--	9.3 J	<0.23	12 J	--	<0.20	<0.24	--	--	
PCB-150	EPA 1668A			pg/g	5.0 J	4.7 J	--	--	<0.16	--	4.5 J	<0.16	5.7 J	--	<0.14	<0.17	--	--	
PCB-152	EPA 1668A			pg/g	1.9 J	1.6 J	--	--	<0.17	--	1.6 J	<0.17	<5.5	--	<0.14	<0.18	--	--	

**TABLE A-4. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 5**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-41						RISB-42		RISB-43					
			Level	Source		0.5-1 ft bgs	0.5-1 ft bgs	0.5-1 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	0.5-1 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs
						RISB-41-0.5-20141121	RISB-41-0.5-20141121-FD	RISB-41-0.5-20141202	RISB-41-0.5-20141202-FD	RISB-41-5.0-20141121	RISB-41-5.0-20141202	RISB-42-0.5-20141201	RISB-42-5.0-20141201	RISB-43-0.5-20141121	RISB-43-0.5-20141201	RISB-43-5.0-20141121	RISB-43-5.0-20141121-FD	RISB-43-5.0-20141201	RISB-43-5.0-20141201-FD
PCBs	PCB-154	EPA 1668A			pg/g	14 J	12 J	--	--	<0.21	--	11 J	<0.20	17 J	--	<0.17	<0.21	--	--
	PCB-155	EPA 1668A			pg/g	5.5 J	3.6 J	--	--	<0.16	--	4.2 J	<0.13	5.5 J	--	<0.12	<0.14	--	--
	PCB-158	EPA 1668A			pg/g	18 J	16 J	--	--	<0.17	--	13 J	<0.17	77	--	<0.14	<0.17	--	--
	PCB-159	EPA 1668A			pg/g	15 J	13 J	--	--	<0.26	--	14 J	<0.19	20 J	--	<0.15	<0.17	--	--
	PCB-160	EPA 1668A			pg/g	16 J	13 J	--	--	<0.20	--	12 J	<0.20	18 J	--	<0.17	<0.21	--	--
	PCB-161	EPA 1668A			pg/g	11 J	10 J	--	--	<0.18	--	9.4 J	<0.18	10 J	--	<0.15	<0.19	--	--
	PCB-162	EPA 1668A			pg/g	16 J	13 J	--	--	<0.24	--	13 J	<0.17	21 J	--	<0.13	<0.15	--	--
	PCB-164	EPA 1668A			pg/g	23	22 J	--	--	<0.19	--	16 J	<0.19	58	--	<0.16	<0.20	--	--
	PCB-165	EPA 1668A			pg/g	6.4 J	5.5 J	--	--	<0.21	--	6.3 J	<0.21	<6.8	--	<0.18	<0.22	--	--
	PCB-167	EPA 1668A			pg/g	25	20	--	--	<0.23	--	20	<0.17	54	--	<0.14	<0.16	--	--
	PCB-169	EPA 1668A	1.65	RSL	pg/g	5.2 J	2.7 UJ	--	--	<0.29	--	<2.6	<0.26	<5.2	--	<0.18	<0.21	--	--
	PCB-170	EPA 1668A			pg/g	28	28 J	--	--	<0.20	--	20 J	<0.16	130	--	0.18 UJ	0.24 J	--	--
	PCB-172	EPA 1668A			pg/g	53	47	--	--	<0.19	--	51	<0.15	71	--	<0.17	<0.15	--	--
	PCB-174	EPA 1668A			pg/g	41	37	--	--	<0.20	--	32	<0.16	150	--	0.18 UJ	0.22 J	--	--
	PCB-175	EPA 1668A			pg/g	46	37	--	--	<0.21	--	38	<0.21	50	--	<0.19	<0.25	--	--
	PCB-176	EPA 1668A			pg/g	26	21 J	--	--	<0.15	--	22 J	<0.14	37 J	--	<0.13	<0.18	--	--
	PCB-177	EPA 1668A			pg/g	26	22 J	--	--	<0.20	--	17 J	<0.15	81	--	0.17 UJ	0.19 J	--	--
	PCB-178	EPA 1668A			pg/g	30	25 J	--	--	<0.22	--	27	<0.21	46	--	<0.20	<0.26	--	--
	PCB-179	EPA 1668A			pg/g	20 J	18 J	--	--	<0.16	--	17 J	<0.16	51	--	<0.15	<0.20	--	--
	PCB-181	EPA 1668A			pg/g	18 J	14 J	--	--	<0.17	--	15 J	<0.13	20 J	--	<0.15	<0.13	--	--
	PCB-182	EPA 1668A			pg/g	29	23 J	--	--	<0.19	--	24 J	<0.19	31 J	--	<0.17	<0.23	--	--
	PCB-183	EPA 1668A			pg/g	47	39	--	--	0.18 J	--	41	0.31 J	95	--	0.33 J	0.26 J	--	--
	PCB-184	EPA 1668A			pg/g	44	37	--	--	<0.16	--	38	<0.16	49	--	<0.15	<0.20	--	--
	PCB-185	EPA 1668A			pg/g	22	19 J	--	--	<0.20	--	18 J	<0.15	34 J	--	<0.17	<0.15	--	--
	PCB-186	EPA 1668A			pg/g	6.8 J	4.9 J	--	--	<0.16	--	5.6 J	<0.15	7.3 J	--	<0.14	<0.19	--	--
	PCB-187	EPA 1668A			pg/g	42	38	--	--	0.24 J	--	31	<0.19	140	--	0.32 J	0.26 J	--	--
	PCB-188	EPA 1668A			pg/g	24	20 J	--	--	<0.16	--	23 J	<0.15	27 J	--	<0.14	<0.19	--	--
	PCB-189	EPA 1668A			pg/g	40	34	--	--	<0.27	--	32	<0.34	46	--	<0.29	<0.20	--	--
	PCB-190	EPA 1668A			pg/g	24	30 J	--	--	<0.14	--	16 J	<0.11	45	--	<0.12	<0.10	--	--
	PCB-191	EPA 1668A			pg/g	23	19 J	--	--	<0.14	--	20 J	<0.11	25 J	--	<0.12	<0.11	--	--
	PCB-192	EPA 1668A			pg/g	15 J	13 J	--	--	<0.15	--	17 J	<0.11	14 J	--	<0.13	<0.11	--	--
	PCB-194	EPA 1668A			pg/g	73	64	--	--	<0.28	--	72	<0.35	130	--	<0.32	<0.21	--	--
	PCB-195	EPA 1668A			pg/g	32	28 J	--	--	<0.24	--	35	<0.30	49	--	<0.27	<0.18	--	--
	PCB-196	EPA 1668A			pg/g	160	140	--	--	<0.26	--	140	<0.25	190	--	0.24 J	0.25 UJ	--	--
	PCB-197	EPA 1668A			pg/g	120	98	--	--	0.57 J	--	110	<0.15	140	--	<0.14	<0.16	--	--
	PCB-200	EPA 1668A			pg/g	53	45	--	--	0.30 J	--	44	<0.20	57	--	<0.18	<0.20	--	--
	PCB-201	EPA 1668A			pg/g	140	120	--	--	0.28 J	--	130	<0.18	160	--	0.33 J	0.27 J	--	--
	PCB-202	EPA 1668A			pg/g	46	40	--	--	<0.19	--	51	<0.19	62	--	<0.18	<0.19	--	--
	PCB-203	EPA 1668A			pg/g	82	71	--	--	<0.24	--	65	<0.23	110	--	<0.21	<0.23	--	--
	PCB-204	EPA 1668A			pg/g	89	71	--	--	<0.19	--	76	<0.18	95	--	<0.16	<0.18	--	--
	PCB-205	EPA 1668A			pg/g	82	64	--	--	<0.24	--	53	<0.28	74	--	<0.25	<0.17	--	--
	PCB-206	EPA 1668A			pg/g	620	530	--	--	2.1 J	--	600	1.9 J	720	--	2.3 J	1.1 J	--	--
	PCB-207	EPA 1668A			pg/g	920	780	--	--	2.8 J	--	890	3.2 J	1,000	--	2.9 J	1.5 J	--	--
	PCB-208	EPA 1668A			pg/g	560	480	--	--	1.8 J	--	570	1.8 J	660	--	1.8 J	1.0 J	--	--
	PCB-209	EPA 1668A			pg/g	7,800 J	6,700 J	--	--	24 J	--	7,100 J	30	10,000 J	--	41 J	18 J	--	--
	PCBs 107+124	EPA 1668A			pg/g	10 J	8.2 J	--	--	<0.18	--	8.1 J	<0.17	21 J	--	<0.21	<0.19	--	--
	PCBs 110+115	EPA 1668A			pg/g	45	39 J	--	--	0.43 J	--	34 J	0.34 J	490	--	1.1 J	1.4 J	--	--
	PCBs 12+13	EPA 1668A			pg/g	13 J	7.9 J	--	--	<3.3	--	6.3 J	<0.49	27 J	--	<1.7	<1.3	--	--
	PCBs 128+166	EPA 1668A			pg/g	20 J	17 J	--	--	<0.22	--	13 J	<0.21	120	--	0.29 J	0.22 UJ	--	--

**TABLE A-4. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 5**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-41						RISB-42		RISB-43					
			Level	Source		0.5-1 ft bgs	0.5-1 ft bgs	0.5-1 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	0.5-1 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs
						RISB-41-0.5-20141121	RISB-41-0.5-20141121-FD	RISB-41-0.5-20141202	RISB-41-0.5-20141202-FD	RISB-41-5.0-20141121	RISB-41-5.0-20141202	RISB-42-0.5-20141201	RISB-42-5.0-20141201	RISB-43-0.5-20141121	RISB-43-0.5-20141201	RISB-43-5.0-20141121	RISB-43-5.0-20141121-FD	RISB-43-5.0-20141201	RISB-43-5.0-20141201
PCBs	PCBs 129+138+163	EPA 1668A			pg/g	62 J	58 J	--	--	0.65 J	--	41 J	0.41 J	600	--	1.6 J	1.6 J	--	--
	PCBs 134+143	EPA 1668A			pg/g	8.7 J	7.6 J	--	--	<0.27	--	6.4 J	<0.26	21 J	--	<0.23	<0.28	--	--
	PCBs 135+151	EPA 1668A			pg/g	22 J	22 J	--	--	<0.25	--	18 J	<0.24	120	--	<0.21	<0.25	--	--
	PCBs 139+140	EPA 1668A			pg/g	13 J	11 J	--	--	<0.23	--	11 J	<0.23	19 J	--	<0.19	<0.24	--	--
	PCBs 147+149	EPA 1668A			pg/g	33 J	32 J	--	--	0.38 J	--	23 J	0.49 J	300	--	0.77 J	1.1 J	--	--
	PCBs 153+168	EPA 1668A			pg/g	45	45 J	--	--	0.54 J	--	28 J	0.33 J	370	--	0.95 J	1.0 J	--	--
	PCBs 156+157	EPA 1668A			pg/g	30	25	--	--	<0.32	--	26	<0.25	120	--	0.28 J	0.21 UJ	--	--
	PCBs 171+173	EPA 1668A			pg/g	84	67 J	--	--	<0.19	--	59	<0.15	65 J	--	<0.17	<0.15	--	--
	PCBs 18+30	EPA 1668A			pg/g	2.8 J	2.3 J	--	--	<0.36	--	1.6 J	0.46 J	8.7 J	--	0.26 UJ	0.32 J	--	--
	PCBs 180+193	EPA 1668A			pg/g	120	100	--	--	0.60 J	--	80	0.32 J	330	--	0.53 J	0.55 J	--	--
	PCBs 198+199	EPA 1668A			pg/g	190	160	--	--	<0.27	--	170	<0.26	240	--	0.58 J	0.39 J	--	--
	PCBs 20+28	EPA 1668A			pg/g	6.6 J	5.9 J	--	--	0.47 J	--	3.8 J	0.56 J	28 J	--	0.58 J	0.82 J	--	--
	PCBs 21+33	EPA 1668A			pg/g	6.8 J	5.7 J	--	--	<0.25	--	2.6 J	<0.18	15 J	--	0.18 UJ	0.36 J	--	--
	PCBs 26+29	EPA 1668A			pg/g	4.5 J	3.1 J	--	--	<0.27	--	2.2 J	<0.20	6.7 J	--	<0.20	<0.23	--	--
	PCBs 40+71	EPA 1668A			pg/g	14 J	11 J	--	--	<0.19	--	6.5 J	0.17 J	27 J	--	0.14 UJ	0.23 J	--	--
	PCBs 44+47+65	EPA 1668A			pg/g	11 J	11 J	--	--	1.3 J	--	5.9 J	0.47 J	52 J	--	0.94 J	0.92 J	--	--
	PCBs 49+69	EPA 1668A			pg/g	5.8 J	5.3 J	--	--	0.26 J	--	2.5 J	0.18 J	25 J	--	0.22 J	0.34 J	--	--
	PCBs 50+53	EPA 1668A			pg/g	1.9 J	1.4 J	--	--	<0.18	--	0.91 J	<0.087	4.1 J	--	<0.14	<0.13	--	--
	PCBs 59+62+75	EPA 1668A			pg/g	7.8 J	5.5 J	--	--	<0.14	--	4.5 J	<0.069	12 J	--	<0.11	<0.10	--	--
	PCBs 61+70+74+76	EPA 1668A			pg/g	33 J	25 J	--	--	<0.23	--	23 J	0.62 J	180	--	0.62 J	1.0 J	--	--
PCBs 85+116+117	EPA 1668A			pg/g	25 J	20 J	--	--	<0.19	--	21 J	<0.19	80 J	--	<0.22	<0.20	--	--	
PCBs 86+87+97+108+119+125	EPA 1668A			pg/g	39 J	32 J	--	--	<0.19	--	30 J	<0.19	250	--	0.41 J	0.64 J	--	--	
PCBs 88+91	EPA 1668A			pg/g	7.1 J	2.8 UJ	--	--	<0.22	--	<2.8	<0.22	23 J	--	<0.27	<0.24	--	--	
PCBs 90+101+113	EPA 1668A			pg/g	27 J	25 J	--	--	0.54 J	--	21 J	0.42 J	310	--	0.99 J	1.4 J	--	--	
PCBs 93+100	EPA 1668A			pg/g	5.4 J	2.8 UJ	--	--	<0.22	--	<2.8	<0.22	<14	--	<0.27	<0.24	--	--	
PCBs 98+102	EPA 1668A			pg/g	3.5 J	2.6 UJ	--	--	<0.21	--	<2.6	<0.20	<13	--	<0.24	<0.22	--	--	
Dioxins/Furans	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	EPA 8290			pg/g	75	65	--	--	0.38 J	--	73	0.47 J	60	--	1.0 J	2.4 J	--	--
	1,2,3,4,6,7,8-Heptachlorodibenzofuran	EPA 8290			pg/g	970	890	--	--	2.5 J	--	1,000	5.2 J	700	--	2.2 J	0.78 J	--	--
	1,2,3,4,7,8,9-Heptachlorodibenzofuran	EPA 8290			pg/g	330	310	--	--	0.98 J	--	340	1.7 J	260	--	0.88 J	0.82 J	--	--
	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	EPA 8290			pg/g	7.9	7.4	--	--	<0.090	--	8.6	<0.13	7.5	--	<0.19	<0.23	--	--
	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	EPA 8290			pg/g	18	17	--	--	<0.074	--	21	<0.20	16	--	<0.16	<0.19	--	--
	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	EPA 8290			pg/g	18	17	--	--	<0.070	--	20	0.26 J	15	--	0.42 J	0.17 UJ	--	--
	1,2,3,4,7,8-Hexachlorodibenzofuran	EPA 8290			pg/g	410	390	--	--	0.81 J	--	500	1.6 J	270	--	0.95 J	0.26 UJ	--	--
	1,2,3,6,7,8-Hexachlorodibenzofuran	EPA 8290			pg/g	240	230	--	--	0.50 J	--	320	0.86 J	190	--	0.99 J	0.21 UJ	--	--
	1,2,3,7,8,9-Hexachlorodibenzofuran	EPA 8290			pg/g	<26	<24	--	--	<0.19	--	38	<0.25	21	--	<0.44	<0.26	--	--
	2,3,4,6,7,8-Hexachlorodibenzofuran	EPA 8290			pg/g	52	51	--	--	<0.17	--	65	<0.24	51	--	<0.40	<0.24	--	--
	HpCDD (total)	EPA 8290			pg/g	120	100	--	--	0.79 J	--	110	0.47 J	94	--	2.0 J	4.1 J	--	--
	HpCDF (total)	EPA 8290			pg/g	2,000	1,800	--	--	5.5	--	2,000	10	1,500	--	4.1 J	1.6 J	--	--
	HxCDD (total)	EPA 8290			pg/g	130	120	--	--	0.15 J	--	140	0.26 J	110	--	0.42 J	0.23 UJ	--	--
HxCDF (total)	EPA 8290			pg/g	1,700	1,600	--	--	2.2 J	--	2,300	5.0 J	1,400	--	2.7 J	0.26 UJ	--	--	

**TABLE A-4. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 5**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-41						RISB-42		RISB-43					
			Level	Source		0.5-1 ft bgs	0.5-1 ft bgs	0.5-1 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	0.5-1 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs
						RISB-41-0.5-20141121	RISB-41-0.5-20141121-FD	RISB-41-0.5-20141202	RISB-41-0.5-20141202-FD	RISB-41-5.0-20141121	RISB-41-5.0-20141202	RISB-42-0.5-20141201	RISB-42-5.0-20141201	RISB-43-0.5-20141121	RISB-43-0.5-20141201	RISB-43-5.0-20141121	RISB-43-5.0-20141121-FD	RISB-43-5.0-20141201	RISB-43-5.0-20141201-FD
Dioxins/Furans	1,2,3,4,5,6,7,8-Octachlorodibenzo-p-dioxin	EPA 8290			pg/g	84	72	--	--	1.1 J	--	67 J	1.1 J	89	--	22	32	--	--
	1,2,3,4,5,6,7,8-Octachlorodibenzofuran	EPA 8290			pg/g	2,600	2,300	--	--	5.8 J	--	2,000	13	2,100	--	6.0 J	2.3 J	--	--
	PeCDD (total)	EPA 8290			pg/g	100	96	--	--	0.74 J	--	120	<0.17	95	--	<0.29	<0.31	--	--
	PeCDF (total)	EPA 8290			pg/g	2,100	1,300	--	--	1.7 J	--	1,700	1.7 J	1,100	--	<0.73	<0.69	--	--
	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	EPA 8290			pg/g	9.3	8.3	--	--	<0.11	--	11	<0.17	8.3	--	<0.29	<0.31	--	--
	1,2,3,7,8-Pentachlorodibenzofuran	EPA 8290			pg/g	170	150	--	--	0.35 J	--	180	0.29 J	120	--	<0.70	<0.66	--	--
	2,3,4,7,8-Pentachlorodibenzofuran	EPA 8290			pg/g	76	68	--	--	<0.17	--	84	<0.16	60	--	<0.73	<0.69	--	--
	TCDD (total)	EPA 8290			pg/g	78	67	--	--	0.35 J	--	89	<0.086	57	--	<0.17	<0.13	--	--
	TCDF (total)	EPA 8290			pg/g	890	750	--	--	2.0	--	1,200	0.79 J	690	--	<0.25	<0.20	--	--
	2,3,7,8-Tetrachlorodibenzo-p-dioxin	EPA 8290	15	RSL	pg/g	2.1	2.0	--	--	<0.055	--	2.4	<0.086	1.6	--	<0.17	<0.13	--	--
	2,3,7,8-Tetrachlorodibenzofuran	EPA 8290			pg/g	63	57	--	--	0.33 J	--	67	0.29 J	75	--	<0.25	<0.20	--	--
	Total PCB TEQs (calculated by TAS)	EPA 8280A			pg/g	0.93	0.83	--	--	0.016	--	0.84	0.018	0.91	--	0.018	0.017	--	--
Total TEQ (Calculated)	EPA 8280A			pg/g	140	130	--	--	0.35	--	150	0.58	110	--	0.71	.71	--	--	
Organic Acids	Phthalic acid	EPA 8270			µg/kg	<1,300	<1,300	--	--	<1,400	--	<1,200	<1,300	<1,300	--	<1,400	<1,400	--	--
Radionuclides	Radium-226	EPA 903.0	0.006	BCL	pCi/g	1.21	1.07	--	--	0.891	--	1.19	1.20	1.21	--	1.43	1.29 J	--	--
	Radium-228	EPA 904.0	0.006	BCL	pCi/g	1.23	1.17	--	--	1.22	--	1.40	1.14	1.31	--	1.13	1.22 J	--	--
	Thorium-228	DOE A-01-R	0.0027	BCL	pCi/g	1.94	1.92	--	--	1.76	--	1.86	1.84	2.13	--	1.73	1.55	--	--
	Thorium-230	DOE A-01-R	0.001	BCL	pCi/g	1.17	1.21	--	--	0.976	--	1.32	1.41	1.32	--	1.25	1.30	--	--
	Thorium-232	DOE A-01-R	0.0035	BCL	pCi/g	2.05	1.96	--	--	1.38	--	1.80	1.92	2.18	--	1.93	1.68	--	--
	Uranium-233/234	DOE A-01-R			pCi/g	0.807	0.847	--	--	0.757	--	0.920	1.00	1.35	--	1.48	1.49	--	--
	Uranium-235/236	DOE A-01-R			pCi/g	<0.0659	<0.0711	--	--	<0.0936	--	<0.0660	<0.0669	<0.0626	--	0.0870 J	0.0736 UJ	--	--
	Uranium-238	DOE A-01-R			pCi/g	0.896	0.938	--	--	0.819	--	0.960	1.13	1.32	--	1.12	1.13	--	--
Uranium-238	EPA 6020	13.5	BCL	mg/kg	0.79	0.77	--	--	0.85	--	0.80	1.1	1.2	--	1.7	1.6	--	--	
Total Petroleum Hydrocarbons	Diesel Range Organics (C10-C28)	EPA 8015			mg/kg	<2.6	<2.6	--	--	<2.7	--	<2.5	<2.7	3.1 J	--	<2.8	<2.8	--	--
	EFH (C10-C40)	EPA 8015			mg/kg	4.0 J	3.6 J	--	--	3.4 J	--	<2.5	3.2 J	5.6	--	4.8 J	3.3 J	--	--
	Gasoline Range Organics (C6-C10)	EPA 8015			µg/kg	160 UJ	150 UJ	<150	<150	170 UJ	<160	<150	<160	150 UJ	<150	170 UJ	170 UJ	<160	<160
	Petroleum Hydrocarbons (C29-C40)	EPA 8015			mg/kg	<2.6	<2.6	--	--	<2.7	--	<2.5	<2.7	<2.6	--	<2.8	<2.8	--	--
General Chemistry	Alkalinity (as CaCO3)	SM 2320			mg/kg	20,000	16,000	--	--	19,000	--	11,000	13,000	16,000	--	60,000	53,000	--	--
	Ammonia (as NH3)	SM 4500			mg/kg	<2.5	<2.5	--	--	<2.6	--	3.9 J	<2.6	<2.5	--	<2.7	<2.7	--	--
	Bicarbonate as HCO3	SM 2320			mg/kg	22,000	18,000	--	--	21,000	--	11,000	14,000	17,000	--	71,000	64,000	--	--
	Bromide	EPA 300			mg/kg	<3.7	<3.6	--	--	<3.8	--	<3.6	<3.8	<3.6	--	<3.9	<3.9	--	--
	Carbonate (CO3)	SM 2320			mg/kg	1,200	940	--	--	1,300	--	1,200	1,300	920	--	1,000	330	--	--
	Chloride	EPA 300			mg/kg	14	14	--	--	150	--	4.3 J	12	8.0	--	820	980	--	--
	Hydroxide	SM 2320			mg/kg	<180	<180	--	--	<180	--	<170	<180	<170	--	<190	<190	--	--
	Nitrate (as NO3)	EPA 300			mg/kg	8.5	8.0	--	--	31	--	<3.6	<3.8	6.9	--	39	49	--	--
	Nitrate/Nitrite	EPA 300			mg/kg	1.9	1.8	--	--	7.1	--	<1.1	<1.2	1.6	--	8.8	11	--	--
	Nitrite	EPA 300			mg/kg	<1.2	<1.1	--	--	<1.2	--	<1.1	<1.2	<1.1	--	<1.2	<1.2	--	--
	ortho-Phosphate (total) (as PO4)	EPA 300			mg/kg	<4.2	<4.1	--	--	<4.4	--	<4.1	<4.4	<4.1	--	<4.5	<4.5	--	--
	Phosphorus (total)	EPA 6010	0.00148	RSL	mg/kg	1,200 J	1,300 J	--	--	1,100 J	--	1,300	960	1,100 J	--	1,000 J	800 J	--	--
Silicon	EPA 6010			mg/kg	140 J	96 J	--	--	120 J	--	89 J	88 J	91 J	--	120 J	110 J	--	--	



**TABLE A-4. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 5**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-41						RISB-42		RISB-43					
			Level	Source		0.5-1 ft bgs	0.5-1 ft bgs	0.5-1 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	0.5-1 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs
						RISB-41-0.5-20141121	RISB-41-0.5-20141121-FD	RISB-41-0.5-20141202	RISB-41-0.5-20141202-FD	RISB-41-5.0-20141121	RISB-41-5.0-20141202	RISB-42-0.5-20141201	RISB-42-5.0-20141201	RISB-43-0.5-20141121	RISB-43-0.5-20141201	RISB-43-5.0-20141121	RISB-43-5.0-20141121-FD	RISB-43-5.0-20141201	RISB-43-5.0-20141201-FD
General Chemistry	Sulfate	EPA 300			mg/kg	55	58	--	--	93	--	10	150	62	--	280	380	--	--
	Sulfur	EPA 6020			mg/kg	<400 R	<360 R	--	--	<420 R	--	<390	580 J	<370 R	--	610 J	<420 R	--	--
	pH	EPA 9045			s.u.	--	--	--	--	9.09	--	--	--	--	--	--	--	--	--

**Notes:**

ft bgs: feet below ground surface

FD: Field Duplicate

Above Screening Level

bold value: detection

Soil screening levels were selected according to the following hierarchy of criteria:

1. Basic Comparison Level (BCL): Leaching-based basic comparison levels (LBCL) with dilution attenuation factor (DAF) of 1 in the most recent version of Nevada Division of Environmental Protection (NDEP) documents (February 2015).
2. Regional Screening Level (RSL): United States Environmental Protection Agency (USEPA) Regional Screening Levels (RSL) for groundwater protection (June 2015), with the maximum contaminant level (MCL) based screening levels selected over the risk-based screening levels, if available (USEPA 2015)
3. Calculated Criteria (CAL): Generic leaching-based BCLs (LBCLs) calculated using the approach presented in NDEP guidance (NDEP 2015).

**Sources:**

NDEP, 2015. User's Guide and Background Technical Document for NDEP Basic Comparison Levels (BCLs) for Human Health for the BMI Complex and Common Areas. Revision 13, February.

USEPA, 2015. Regional Screening Levels (RSL) for Chemical Contaminants at Superfund Sites. June.

**TABLE A-4. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 5**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-44				RISB-45				RISB-46			RISB-47	
			Level	Source		0.5-1 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	0.5-1 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs
						RISB-44-0.5-20141121	RISB-44-0.5-20141201	RISB-44-5.0-20141121	RISB-44-5.0-20141202	RISB-45-0.5-20141121	RISB-45-0.5-20141202	RISB-45-5.0-20141121	RISB-45-5.0-20141202	RISB-46-0.5-20141117	RISB-46-5.0-20141117	RISB-46-10.0-20141117	RISB-47-0.5-20141120	RISB-47-5.0-20141120
Chlorates	Chlorate	EPA 300.1	1.03	BCL	mg/kg	<0.052	--	15	--	13	--	13	--	1.6	10	8.1	8.5 J	4.7 J
	Perchlorate	EPA 314.0	0.0185	BCL	mg/kg	0.47	--	12	--	19	--	7.8	--	1.7	13	5.3	7.9 J	1.6 J
Common Metals	Aluminum	EPA 6010	75	BCL	mg/kg	9,200	--	11,000	--	10,000	--	9,500	--	9,000	9,000	10,000	9,800	9,500
	Antimony	EPA 6020	0.3	BCL	mg/kg	0.51 UJ	--	0.54 UJ	--	0.52 UJ	--	0.54 UJ	--	0.51 UJ	0.54 UJ	0.54 UJ	0.51 UJ	0.54 UJ
	Arsenic	EPA 6020	1	BCL	mg/kg	11	--	3.2	--	3.4	--	3.0	--	2.6	3.2	8.8	2.5	3.1
	Barium	EPA 6010	82	BCL	mg/kg	130 J	--	230 J	--	200 J	--	170 J	--	200 J	160 J	240 J	200	170
	Boron	EPA 6010	21.4	BCL	mg/kg	12	--	4.7 J	--	4.5 J	--	5.9	--	6.1	3.7 J	6.1	5.8	3.5 J
	Cadmium	EPA 6010	0.4	BCL	mg/kg	<0.26	--	<0.27	--	<0.26	--	<0.27	--	<0.25	<0.27	<0.27	<0.25	<0.27
	Chromium (total)	EPA 6010	180,000	RSL	mg/kg	14	--	13	--	15	--	14	--	11	13	14	13	14
	Cobalt	EPA 6010	0.453	BCL	mg/kg	6.1	--	7.3	--	7.0	--	7.1	--	7.3	7.9	7.3	7.7	6.9
	Copper	EPA 6010	45.8	BCL	mg/kg	17	--	20	--	19	--	18	--	21	21	19	19	18
	Iron	EPA 6010	7.56	BCL	mg/kg	13,000	--	15,000	--	15,000	--	14,000	--	14,000	16,000	16,000	16,000	15,000
	Lead	EPA 6010	13.5	RSL	mg/kg	9.4	--	9.0	--	12	--	8.2	--	11	9.5	10	11	8.1
	Magnesium	EPA 6010	889	BCL	mg/kg	12,000	--	9,500	--	9,700	--	10,000	--	9,300	12,000	11,000	8,300	9,400
	Manganese	EPA 6010	1.3	BCL	mg/kg	440	--	640	--	460	--	350	--	590	400	470	550	330
	Mercury	EPA 7471	0.104	BCL	mg/kg	0.095 J	--	0.035 J	--	0.021 J	--	0.053 J	--	0.021	0.092	0.069	0.035 J	0.019 J
	Molybdenum	EPA 6010	3.37	BCL	mg/kg	<1.0	--	<1.1	--	<1.0	--	<1.1	--	<1.0	<1.1	<1.1	<1.0	<1.1
	Nickel	EPA 6010	7	BCL	mg/kg	13	--	16	--	16	--	15	--	14	15	14	15	15
	Selenium	EPA 6020	0.3	BCL	mg/kg	<0.51	--	<0.54	--	<0.52	--	<0.54	--	<0.51	<0.54	<0.54	<0.51	<0.54
Silver	EPA 6010	0.85	BCL	mg/kg	<0.77	--	<0.81	--	<0.77	--	<0.81	--	<0.76	<0.81	<0.80	<0.76	<0.81	
Thallium	EPA 6020	0.4	BCL	mg/kg	<0.26	--	<0.27	--	<0.26	--	<0.27	--	<0.25	<0.27	<0.27	<0.25	<0.27	
Zinc	EPA 6010	620	BCL	mg/kg	31	--	32	--	38	--	32	--	38	35	37	38	31	
Hexavalent Chromium	Chromium VI	EPA 7199	2	BCL	mg/kg	<0.41	--	<0.43	--	<0.42	--	<0.44	--	<0.41	<0.43	<0.43	<0.41	<0.43
Rare Metals	Niobium	EPA 6020	1.17	BCL	mg/kg	<1.8 R	--	<2.0	--	<1.9 R	--	<1.9 R	--	<1.8 R	<2.0 R	<1.9 R	<1.9 R	<1.9 R
	Palladium	EPA 6020			mg/kg	<0.049	--	<0.060	--	<0.049	--	<0.059	--	<0.051	<0.057	<0.055	<0.054	<0.055
	Strontium	EPA 6010	422	RSL	mg/kg	290	--	230	--	210	--	210	--	170	220	290	160	190
	Tungsten	EPA 6010	37.6	BCL	mg/kg	5.1 UJ	--	5.4 UJ	--	5.2 UJ	--	5.4 UJ	--	5.1 UJ	5.4 UJ	5.4 UJ	5.1 UJ	5.4 UJ
	Zirconium	EPA 6010	4.79	RSL	mg/kg	25	--	22	--	21	--	20	--	20	23	26	21	22
VOCs	Acetone	EPA 8260	0.8	BCL	mg/kg	0.0077 UJ	<0.0083	0.0080 UJ	<0.0083	0.0079 UJ	<0.0078	0.0089 UJ	<0.0082	0.0077 UJ	0.0084 UJ	0.0080 UJ	<0.0076	<0.0080
	t-Amyl methyl ether	EPA 8260			mg/kg	0.00097 UJ	<0.0010	0.0010 UJ	<0.0010	0.00099 UJ	<0.00097	0.0011 UJ	<0.0010	0.00096 UJ	0.0011 UJ	0.0010 UJ	<0.00094	<0.0010
	Benzene	EPA 8260	0.002	BCL	mg/kg	0.00048 UJ	<0.00052	0.00050 UJ	<0.00052	0.00049 UJ	<0.00049	0.00056 UJ	<0.00051	<0.00048	<0.00053	<0.00050	<0.00047	<0.00050
	Bromobenzene	EPA 8260	0.0421	RSL	mg/kg	0.00097 UJ	<0.0010	0.0010 UJ	<0.0010	0.00099 UJ	<0.00097	0.0011 UJ	<0.0010	<0.00096	<0.0011	<0.0010	<0.00094	<0.0010
	Bromochloromethane	EPA 8260			mg/kg	0.00097 UJ	<0.0010	0.0010 UJ	<0.0010	0.00099 UJ	<0.00097	0.0011 UJ	<0.0010	<0.00096	<0.0011	<0.0010	<0.00094	<0.0010
	Bromodichloromethane	EPA 8260	0.03	BCL	mg/kg	0.00048 UJ	<0.00052	0.00050 UJ	<0.00052	0.00049 UJ	<0.00049	0.00056 UJ	<0.00051	<0.00048	<0.00053	<0.00050	<0.00047	<0.00050
	Bromoform	EPA 8260	0.04	BCL	mg/kg	0.00097 UJ	<0.0010	0.0010 UJ	<0.0010	0.00099 UJ	<0.00097	0.0011 UJ	<0.0010	<0.00096	<0.0011	<0.0010	0.00094 UJ	0.0010 UJ
	Bromomethane	EPA 8260	0.01	BCL	mg/kg	0.00097 UJ	<0.0010	0.0010 UJ	<0.0010	0.00099 UJ	<0.00097	0.0011 UJ	<0.0010	<0.00096	<0.0011	<0.0010	<0.00094	<0.0010
	2-Butanone	EPA 8260	1.16	RSL	mg/kg	0.0048 UJ	0.0052 UJ	0.0050 UJ	<0.0052	0.0049 UJ	<0.0049	0.0056 UJ	<0.0051	<0.0048	<0.0053	<0.0050	<0.0047	<0.0050
	n-Butylbenzene	EPA 8260	3.23	RSL	mg/kg	0.00097 UJ	<0.0010	0.0010 UJ	<0.0010	0.00099 UJ	<0.00097	0.0011 UJ	<0.0010	<0.00096	<0.0011	<0.0010	<0.00094	<0.0010
	sec-Butylbenzene	EPA 8260	5.87	RSL	mg/kg	0.00097 UJ	<0.0010	0.0010 UJ	<0.0010	0.00099 UJ	<0.00097	0.0011 UJ	<0.0010	<0.00096	<0.0011	<0.0010	<0.00094	<0.0010
	Carbon tetrachloride	EPA 8260	0.003	BCL	mg/kg	0.00048 UJ	<0.00052	0.00050 UJ	<0.00052	0.00049 UJ	<0.00049	0.00056 UJ	<0.00051	<0.00048	<0.00053	<0.00050	0.00047 UJ	0.00050 UJ
	Chlorobenzene	EPA 8260	0.07	BCL	mg/kg	0.00048 UJ	<0.00052	0.00050 UJ	<0.00052	0.00049 UJ	<0.00049	0.00056 UJ	<0.00051	<0.00048	<0.00053	<0.00050	<0.00047	<0.00050
	Chloroethane	EPA 8260	5.92	RSL	mg/kg	0.00097 UJ	<0.0010	0.0010 UJ	<0.0010	0.00099 UJ	<0.00097	0.0011 UJ	<0.0010	<0.00096	<0.0011	<0.0010	<0.00094	<0.0010
	Chloroform	EPA 8260	0.03	BCL	mg/kg	0.00048 UJ	<0.00052	0.00050 UJ	<0.00052	0.00049 UJ	<0.00049	0.00056 UJ	<0.00051	<0.00048	<0.00053	<0.00050	<0.00047	<0.00050
	Chloromethane	EPA 8260	0.0486	RSL	mg/kg	0.00097 UJ	<0.0010	0.0010 UJ	<0.0010	0.00099 UJ	<0.00097	0.0011 UJ	<0.0010	<0.00096	<0.0011	<0.0010	<0.00094	<0.0010
	2-Chlorotoluene	EPA 8260	0.231	RSL	mg/kg	0.00097 UJ	<0.0010	0.0010 UJ	<0.0010	0.00099 UJ	<0.00097	0.0011 UJ	<0.0010	<0.00096	<0.0011	<0.0010	<0.00094	<0.0010
	4-Chlorotoluene	EPA 8260	0.241	RSL	mg/kg	0.00097 UJ	<0.0010	0.0010 UJ	<0.0010	0.00099 UJ	<0.00097	0.0011 UJ	<0.0010	<0.00096	<0.0011	<0.0010	<0.00094	<0.0010
	Cumene	EPA 8260	0.738	RSL	mg/kg	0.00048 UJ	<0.00052	0.00050 UJ	<0.00052	0.00049 UJ	<0.00049	0.00056 UJ	<0.00051	<0.00048	<0.00053	<0.00050	<0.00047	<0.00050
	p-Cymene	EPA 8260	3.91	CAL	mg/kg	0.00048 UJ	<0.00052	0.00050 UJ	<0.00052	0.00049 UJ	<0.00049	0.00056 UJ	<0.00051	<0.00048	<0.00053	<0.00050	<0.00047	<0.00050

**TABLE A-4. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 5**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-44				RISB-45				RISB-46			RISB-47	
			Level	Source		0.5-1 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	0.5-1 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs
						RISB-44-0.5-20141121	RISB-44-0.5-20141201	RISB-44-5.0-20141121	RISB-44-5.0-20141202	RISB-45-0.5-20141121	RISB-45-0.5-20141202	RISB-45-5.0-20141121	RISB-45-5.0-20141202	RISB-46-0.5-20141117	RISB-46-5.0-20141117	RISB-46-10.0-20141117	RISB-47-0.5-20141120	RISB-47-5.0-20141120
VOCs	Dibromochloromethane	EPA 8260	0.02	BCL	mg/kg	0.00048 UJ	<0.00052	0.00050 UJ	<0.00052	0.00049 UJ	<0.00049	0.00056 UJ	<0.00051	<0.00048	<0.00053	<0.00050	0.00047 UJ	0.00050 UJ
	1,2-Dibromoethane	EPA 8260	0.0000141	RSL	mg/kg	0.00048 UJ	<0.00052	0.00050 UJ	<0.00052	0.00049 UJ	<0.00049	0.00056 UJ	<0.00051	<0.00048	<0.00053	<0.00050	<0.00047	<0.00050
	Dibromomethane	EPA 8260	0.00197	RSL	mg/kg	0.00048 UJ	<0.00052	0.00050 UJ	<0.00052	0.00049 UJ	<0.00049	0.00056 UJ	<0.00051	<0.00048	<0.00053	<0.00050	<0.00047	<0.00050
	1,2-Dichlorobenzene	EPA 8260	0.9	BCL	mg/kg	0.00048 UJ	<0.00052	0.00050 UJ	<0.00052	0.00049 UJ	<0.00049	0.00056 UJ	<0.00051	<0.00048	<0.00053	<0.00050	<0.00047	<0.00050
	1,3-Dichlorobenzene	EPA 8260	0.0473	CAL	mg/kg	0.00048 UJ	<0.00052	0.00050 UJ	<0.00052	0.00049 UJ	<0.00049	0.00056 UJ	<0.00051	<0.00048	<0.00053	<0.00050	<0.00047	<0.00050
	1,4-Dichlorobenzene	EPA 8260	0.1	BCL	mg/kg	0.00048 UJ	<0.00052	0.00050 UJ	<0.00052	0.00049 UJ	<0.00049	0.00056 UJ	<0.00051	<0.00048	<0.00053	<0.00050	<0.00047	<0.00050
	Dichlorodifluoromethane	EPA 8260	0.304	RSL	mg/kg	0.00097 UJ	0.0010 UJ	0.0010 UJ	0.0010 UJ	0.00099 UJ	0.00097 UJ	0.0011 UJ	0.0010 UJ	0.00096 UJ	0.0011 UJ	0.0010 UJ	0.00094 UJ	0.0010 UJ
	1,1-Dichloroethane	EPA 8260	1	BCL	mg/kg	0.00048 UJ	<0.00052	0.00050 UJ	<0.00052	0.00049 UJ	<0.00049	0.00056 UJ	<0.00051	<0.00048	<0.00053	<0.00050	<0.00047	<0.00050
	1,2-Dichloroethane	EPA 8260	0.001	BCL	mg/kg	0.00048 UJ	0.00052 UJ	0.00050 UJ	<0.00052	0.00049 UJ	<0.00049	0.00056 UJ	<0.00051	<0.00048	<0.00053	<0.00050	<0.00047	<0.00050
	1,1-Dichloroethene	EPA 8260	0.003	BCL	mg/kg	0.00048 UJ	<0.00052	0.00050 UJ	<0.00052	0.00049 UJ	<0.00049	0.00056 UJ	<0.00051	<0.00048	<0.00053	<0.00050	<0.00047	<0.00050
	cis-1,2-Dichloroethene	EPA 8260	0.02	BCL	mg/kg	0.00048 UJ	<0.00052	0.00050 UJ	<0.00052	0.00049 UJ	<0.00049	0.00056 UJ	<0.00051	<0.00048	<0.00053	<0.00050	<0.00047	<0.00050
	trans-1,2-Dichloroethene	EPA 8260	0.03	BCL	mg/kg	0.00048 UJ	<0.00052	0.00050 UJ	<0.00052	0.00049 UJ	<0.00049	0.00056 UJ	<0.00051	<0.00048	<0.00053	<0.00050	<0.00047	<0.00050
	1,2-Dichloropropane	EPA 8260	0.001	BCL	mg/kg	0.00048 UJ	<0.00052	0.00050 UJ	<0.00052	0.00049 UJ	<0.00049	0.00056 UJ	<0.00051	<0.00048	<0.00053	<0.00050	<0.00047	<0.00050
	1,3-Dichloropropane	EPA 8260	0.001	BCL	mg/kg	0.00048 UJ	<0.00052	0.00050 UJ	<0.00052	0.00049 UJ	<0.00049	0.00056 UJ	<0.00051	<0.00048	<0.00053	<0.00050	<0.00047	<0.00050
	2,2-Dichloropropane	EPA 8260			mg/kg	0.00097 UJ	<0.0010	0.0010 UJ	<0.0010	0.00099 UJ	<0.00097	0.0011 UJ	<0.0010	<0.00096	<0.0011	<0.0010	0.00094 UJ	0.0010 UJ
	1,1-Dichloropropene	EPA 8260			mg/kg	0.00048 UJ	<0.00052	0.00050 UJ	<0.00052	0.00049 UJ	<0.00049	0.00056 UJ	<0.00051	<0.00048	<0.00053	<0.00050	<0.00047	<0.00050
	cis-1,3-Dichloropropene	EPA 8260			mg/kg	0.00048 UJ	<0.00052	0.00050 UJ	<0.00052	0.00049 UJ	<0.00049	0.00056 UJ	<0.00051	<0.00048	<0.00053	<0.00050	<0.00047	<0.00050
	trans-1,3-Dichloropropene	EPA 8260			mg/kg	0.00048 UJ	<0.00052	0.00050 UJ	0.00052 UJ	0.00049 UJ	0.00049 UJ	0.00056 UJ	0.00051 UJ	<0.00048	<0.00053	<0.00050	<0.00047	<0.00050
	Diisopropyl ether	EPA 8260			mg/kg	0.00097 UJ	0.0010 UJ	0.0010 UJ	<0.0010	0.00099 UJ	<0.00097	0.0011 UJ	<0.0010	0.00096 UJ	0.0011 UJ	0.0010 UJ	<0.00094	<0.0010
	Ethyl benzene	EPA 8260	0.7	BCL	mg/kg	0.00048 UJ	<0.00052	0.00050 UJ	<0.00052	0.00049 UJ	<0.00049	0.00056 UJ	<0.00051	<0.00048	<0.00053	<0.00050	<0.00047	<0.00050
	Ethyl tert-butyl ether	EPA 8260			mg/kg	0.00097 UJ	0.0010 UJ	0.0010 UJ	<0.0010	0.00099 UJ	<0.00097	0.0011 UJ	<0.0010	<0.00096	<0.0011	<0.0010	0.00094 UJ	0.0010 UJ
	Hexachlorobutadiene	EPA 8260	0.1	BCL	mg/kg	0.00097 UJ	<0.0010	0.0010 UJ	0.0010 UJ	0.00099 UJ	0.00097 UJ	0.0011 UJ	0.0010 UJ	<0.00096	<0.0011	<0.0010	<0.00094	<0.0010
	2-Hexanone	EPA 8260			mg/kg	0.0048 UJ	<0.0052	0.0050 UJ	<0.0052	0.0049 UJ	<0.0049	0.0056 UJ	<0.0051	0.0048 UJ	0.0053 UJ	0.0050 UJ	<0.0047	<0.0050
	Methyl tert-butyl ether	EPA 8260			mg/kg	0.00097 UJ	<0.0010	0.0010 UJ	<0.0010	0.00099 UJ	<0.00097	0.0011 UJ	<0.0010	<0.00096	<0.0011	<0.0010	<0.00094	<0.0010
	Methylene chloride	EPA 8260	0.001	BCL	mg/kg	0.0048 UJ	<0.0052	0.0050 UJ	<0.0052	0.0049 UJ	<0.0049	0.0056 UJ	<0.0051	<0.0048	<0.0053	<0.0050	<0.0047	<0.0050
	Naphthalene	EPA 8260	4	BCL	mg/kg	0.00097 UJ	0.0010 UJ	0.0010 UJ	0.0010 UJ	0.00099 UJ	0.00097 UJ	0.0011 UJ	0.0010 UJ	<0.00096	<0.0011	<0.0010	<0.00094	<0.0010
	n-Propylbenzene	EPA 8260	1.22	RSL	mg/kg	0.00048 UJ	<0.00052	0.00050 UJ	<0.00052	0.00049 UJ	<0.00049	0.00056 UJ	<0.00051	<0.00048	<0.00053	<0.00050	<0.00047	<0.00050
	Styrene	EPA 8260	0.2	BCL	mg/kg	0.00048 UJ	<0.00052	0.00050 UJ	<0.00052	0.00049 UJ	<0.00049	0.00056 UJ	<0.00051	<0.00048	<0.00053	<0.00050	<0.00047	<0.00050
	1,1,1,2-Tetrachloroethane	EPA 8260	0.000218	RSL	mg/kg	0.00097 UJ	<0.0010	0.0010 UJ	<0.0010	0.00099 UJ	<0.00097	0.0011 UJ	<0.0010	<0.00096	<0.0011	<0.0010	<0.00094	<0.0010
	1,1,2,2-Tetrachloroethane	EPA 8260	0.0002	BCL	mg/kg	0.00097 UJ	0.0010 UJ	0.0010 UJ	<0.0010	0.00099 UJ	<0.00097	0.0011 UJ	<0.0010	<0.00096	<0.0011	<0.0010	<0.00094	<0.0010
	Tetrachloroethene	EPA 8260	0.003	BCL	mg/kg	0.00048 UJ	<0.00052	0.00050 UJ	<0.00052	0.00049 UJ	<0.00049	0.00056 UJ	<0.00051	<0.00048	<0.00053	<0.00050	<0.00047	<0.00050
	Toluene	EPA 8260	0.6	BCL	mg/kg	0.00048 UJ	<0.00052	0.00050 UJ	<0.00052	0.00049 UJ	<0.00049	0.00056 UJ	<0.00051	<0.00048	<0.00053	<0.00050	<0.00047	<0.00050
	1,2,3-Trichlorobenzene	EPA 8260	0.0209	RSL	mg/kg	0.00097 UJ	0.0010 UJ	0.0010 UJ	0.0010 UJ	0.00099 UJ	0.00097 UJ	0.0011 UJ	0.0010 UJ	<0.00096	<0.0011	<0.0010	<0.00094	<0.0010
	1,2,4-Trichlorobenzene	EPA 8260	0.3	BCL	mg/kg	0.00097 UJ	<0.0010	0.0010 UJ	0.0010 UJ	0.00099 UJ	0.00097 UJ	0.0011 UJ	0.0010 UJ	<0.00096	<0.0011	<0.0010	<0.00094	<0.0010
	1,1,1-Trichloroethane	EPA 8260	0.1	BCL	mg/kg	0.00048 UJ	<0.00052	0.00050 UJ	<0.00052	0.00049 UJ	<0.00049	0.00056 UJ	<0.00051	<0.00048	<0.00053	<0.00050	0.00047 UJ	0.00050 UJ
	1,1,2-Trichloroethane	EPA 8260	0.0009	BCL	mg/kg	0.00048 UJ	<0.00052	0.00050 UJ	<0.00052	0.00049 UJ	<0.00049	0.00056 UJ	<0.00051	<0.00048	<0.00053	<0.00050	<0.00047	<0.00050
	Trichloroethene	EPA 8260	0.003	BCL	mg/kg	0.00048 UJ	<0.00052	0.00050 UJ	<0.00052	0.00049 UJ	<0.00049	0.00056 UJ	<0.00051	<0.00048	<0.00053	<0.00050	<0.00047	<0.00050
	Trichlorofluoromethane	EPA 8260	0.731	RSL	mg/kg	0.00097 UJ	<0.0010	0.0010 UJ	<0.0010	0.00099 UJ	<0.00097	0.0011 UJ	<0.0010	<0.00096	<0.0011	<0.0010	<0.00094	<0.0010
	1,2,3-Trichloropropane	EPA 8260	0.00000323	RSL	mg/kg	0.00097 UJ	0.0010 UJ	0.0010 UJ	<0.0010	0.00099 UJ	<0.00097	0.0011 UJ	<0.0010	<0.00096	<0.0011	<0.0010	<0.00094	<0.0010
	1,2,4-Trimethylbenzene	EPA 8260	0.0212	RSL	mg/kg	0.00097 UJ	<0.0010	0.0010 UJ	<0.0010	0.00099 UJ	<0.00097	0.0011 UJ	<0.0010	<0.00096	<0.0011	<0.0010	<0.00094	<0.0010
	1,3,5-Trimethylbenzene	EPA 8260	0.167	RSL	mg/kg	0.00097 UJ	<0.0010	0.0010 UJ	<0.0010	0.00099 UJ	<0.00097	0.0011 UJ	<0.0010	<0.00096	<0.0011	<0.0010	<0.00094	<0.0010
Vinyl chloride	EPA 8260	0.0007	BCL	mg/kg	0.00097 UJ	<0.0010	0.0010 UJ	<0.0010	0.00099 UJ	<0.00097	0.0011 UJ	<0.0010	<0.00096	<0.0011	<0.0010	<0.00094	<0.0010	
m,p-Xylene	EPA 8260			mg/kg	0.00097 UJ	<0.0010	0.0010 UJ	<0.0010	0.00099 UJ	<0.00097	0.0011 UJ	<0.0010	<0.00096	<0.0011	<0.0010	<0.00094	<0.0010	
o-Xylene	EPA 8260	9	BCL	mg/kg	0.00048 UJ	<0.00052	0.00050 UJ	<0.00052	0.00049 UJ	<0.00049	0.00056 UJ	<0.00051	<0.00048	<0.00053	<0.00050	<0.00047	<0.00050	
1,2-Dibromo-3-chloropropane	EPA 8260	0.0000864	RSL	mg/kg	0.0019 UJ	0.0021 UJ	0.0020 UJ	0.0021 UJ	0.0020 UJ	0.0019 UJ	0.0022 UJ	0.0020 UJ	<0.0019	<0.0021	<0.0020	0.0019 UJ	0.0020 UJ	
4-Methyl-2-pentanone	EPA 8260			mg/kg	0.0024 UJ	<0.0026	0.0025 UJ	<0.0026	0.0025 UJ	<0.0024	0.0028 UJ	<0.0026	0.0024 UJ	0.0026 UJ	0.0025 UJ	<0.0024	<0.0025	
tert Butyl alcohol	EPA 8260			mg/kg	0.0097 UJ	<0.010	0.010 UJ	<0.010	0.0099 UJ	<0.0097	0.011 UJ	<0.010	<0.0096	<0.011	<0.0			

**TABLE A-4. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 5**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-44				RISB-45				RISB-46			RISB-47	
			Level	Source		0.5-1 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	0.5-1 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs
						RISB-44-0.5-20141121	RISB-44-0.5-20141201	RISB-44-5.0-20141121	RISB-44-5.0-20141202	RISB-45-0.5-20141121	RISB-45-0.5-20141202	RISB-45-5.0-20141121	RISB-45-5.0-20141202	RISB-46-0.5-20141117	RISB-46-5.0-20141117	RISB-46-10.0-20141117	RISB-47-0.5-20141120	RISB-47-5.0-20141120
SVOCs	Acenaphthene	EPA 8270	29	BCL	mg/kg	<0.069	--	<0.073	--	<0.069	--	<0.072	--	<0.067	<0.073	<0.071	<0.068	<0.071
	Acenaphthene	EPA 8270-SIM	29	BCL	mg/kg	<0.0041	--	<0.0043	--	<0.0041	--	<0.0043	--	<0.0041	<0.0043	<0.0043	<0.0041	<0.0043
	Aniline	EPA 8270	0.00456	RSL	mg/kg	<0.088	--	<0.093	--	<0.088	--	<0.092	--	<0.085	<0.092	<0.090	<0.086	<0.091
	Anthracene	EPA 8270	590	BCL	mg/kg	<0.082	--	<0.087	--	<0.082	--	<0.087	--	<0.080	<0.087	<0.085	<0.081	<0.085
	Anthracene	EPA 8270-SIM	590	BCL	mg/kg	<0.0041	--	<0.0043	--	<0.0041	--	<0.0043	--	<0.0041	<0.0043	<0.0043	<0.0041	<0.0043
	Benzidine	EPA 8270			mg/kg	0.68 UJ	--	0.72 UJ	--	0.68 UJ	--	0.71 UJ	--	0.66 UJ	0.72 UJ	0.70 UJ	<0.67 R	<0.70 R
	Benzo(k)fluoranthene	EPA 8270	2	BCL	mg/kg	<0.072	--	<0.076	--	<0.072	--	<0.076	--	<0.070	<0.076	<0.074	<0.071	<0.075
	Benzo(k)fluoranthene	EPA 8270-SIM	2	BCL	mg/kg	<0.0041	--	<0.0043	--	<0.0041	--	<0.0043	--	<0.0041	<0.0043	<0.0043	<0.0041	<0.0043
	Benzoic acid	EPA 8270	20	BCL	mg/kg	<0.35	--	<0.37	--	<0.35	--	<0.37	--	<0.34	<0.37	<0.36	0.34 UJ	<0.36
	Benzyl alcohol	EPA 8270	0.476	RSL	mg/kg	<0.15	--	<0.16	--	<0.15	--	<0.16	--	<0.15	<0.16	<0.16	<0.15	<0.16
	4-Bromophenyl-phenyl ether	EPA 8270			mg/kg	<0.077	--	<0.082	--	<0.077	--	<0.081	--	<0.075	<0.082	<0.079	<0.076	<0.080
	Butylbenzylphthalate	EPA 8270	810	BCL	mg/kg	<0.082	--	<0.087	--	<0.082	--	<0.087	--	<0.080	<0.087	<0.085	<0.081	<0.085
	4-Chloroaniline	EPA 8270	0.03	BCL	mg/kg	<0.14	--	<0.14	--	<0.14	--	<0.14	--	<0.13	<0.14	<0.14	<0.13	<0.14
	2-Chloronaphthalene	EPA 8270	3.85	RSL	mg/kg	<0.069	--	<0.073	--	<0.069	--	<0.072	--	<0.067	<0.073	<0.071	<0.068	<0.071
	2-Chlorophenol	EPA 8270	0.2	BCL	mg/kg	<0.072	--	<0.076	--	<0.072	--	<0.076	--	<0.070	<0.076	<0.074	<0.071	<0.075
	4-Chlorophenyl-phenyl ether	EPA 8270			mg/kg	<0.088	--	<0.093	--	<0.088	--	<0.092	--	<0.085	<0.092	<0.090	<0.086	<0.091
	Chrysene	EPA 8270	8	BCL	mg/kg	<0.077	--	<0.082	--	<0.077	--	<0.081	--	<0.075	<0.082	<0.079	<0.076	<0.080
	Chrysene	EPA 8270-SIM	8	BCL	mg/kg	<0.0041	--	<0.0043	--	<0.0041	--	<0.0043	--	<0.0041	<0.0043	<0.0043	<0.0041	<0.0043
	Di-n-butylphthalate	EPA 8270	270	BCL	mg/kg	<0.093	--	<0.098	--	<0.093	--	<0.097	--	<0.091	<0.098	<0.095	<0.091	<0.096
	Di-n-octylphthalate	EPA 8270	56.5	RSL	mg/kg	<0.093	--	<0.098	--	<0.093	--	<0.097	--	<0.091	<0.098	<0.095	<0.091	<0.096
	Dibenz(a,h)anthracene	EPA 8270	0.08	BCL	mg/kg	<0.10	--	<0.11	--	<0.10	--	<0.11	--	<0.10	<0.11	<0.11	<0.10	<0.11
	Dibenz(a,h)anthracene	EPA 8270-SIM	0.08	BCL	mg/kg	<0.0041	--	<0.0043	--	<0.0041	--	<0.0043	--	<0.0041	<0.0043	<0.0043	<0.0041	<0.0043
	Dibenzofuran	EPA 8270	0.145	RSL	mg/kg	<0.069	--	<0.073	--	<0.069	--	<0.072	--	<0.067	<0.073	<0.071	<0.068	<0.071
	3,3'-Dichlorobenzidine	EPA 8270	0.0003	BCL	mg/kg	<0.15	--	<0.16	--	<0.15	--	<0.16	--	<0.15	<0.16	<0.16	<0.15	<0.16
	2,4-Dichlorophenol	EPA 8270	0.05	BCL	mg/kg	<0.069	--	<0.073	--	<0.069	--	<0.072	--	<0.067	<0.073	<0.071	<0.068	<0.071
	Diethylphthalate	EPA 8270	6.08	RSL	mg/kg	<0.098	--	<0.10	--	<0.098	--	<0.10	--	<0.096	<0.10	<0.10	<0.096	<0.10
	2,4-Dimethylphenol	EPA 8270	0.4	BCL	mg/kg	<0.13	--	<0.14	--	<0.13	--	<0.14	--	<0.13	<0.14	<0.14	0.13 UJ	<0.14
	Dimethylphthalate	EPA 8270			mg/kg	<0.069	--	<0.073	--	<0.069	--	<0.072	--	<0.067	<0.073	<0.071	<0.068	<0.071
	2,4-Dinitrophenol	EPA 8270	0.01	BCL	mg/kg	<0.34	--	<0.36	--	<0.34	--	<0.36	--	0.33 UJ	0.36 UJ	0.35 UJ	<0.33	<0.35
	2,4-Dinitrotoluene	EPA 8270	0.00004	BCL	mg/kg	<0.082	--	<0.087	--	<0.082	--	<0.087	--	<0.080	<0.087	<0.085	<0.081	<0.085
	2,6-Dinitrotoluene	EPA 8270	0.00003	BCL	mg/kg	<0.098	--	<0.10	--	<0.098	--	<0.10	--	<0.096	<0.10	<0.10	<0.096	<0.10
	Fluoranthene	EPA 8270	210	BCL	mg/kg	<0.072	--	<0.076	--	<0.072	--	<0.076	--	<0.070	<0.076	<0.074	<0.071	<0.075
	Fluoranthene	EPA 8270-SIM	210	BCL	mg/kg	<0.0041	--	<0.0043	--	<0.0041	--	<0.0043	--	<0.0041	<0.0043	<0.0043	<0.0041	<0.0043
	Fluorene	EPA 8270	28	BCL	mg/kg	<0.072	--	<0.076	--	<0.072	--	<0.076	--	<0.070	<0.076	<0.074	<0.071	<0.075
	Fluorene	EPA 8270-SIM	28	BCL	mg/kg	<0.0041	--	<0.0043	--	<0.0041	--	<0.0043	--	<0.0041	<0.0043	<0.0043	<0.0041	<0.0043
	Hexachlorobenzene	EPA 8270	0.1	BCL	mg/kg	<0.072	--	<0.076	--	<b>0.079 J</b>	--	<0.076	--	<b>0.083 J</b>	<0.076	<0.074	<0.071	<0.075
	Hexachlorocyclopentadiene	EPA 8270	20	BCL	mg/kg	<0.14	--	<0.14	--	<0.14	--	<0.14	--	0.13 UJ	0.14 UJ	0.14 UJ	0.13 UJ	<0.14
	Hexachloroethane	EPA 8270	0.02	BCL	mg/kg	<0.14	--	<0.14	--	<0.14	--	<0.14	--	<0.13	<0.14	<0.14	<0.13	<0.14
	Isophorone	EPA 8270	0.03	BCL	mg/kg	<0.069	--	<0.073	--	<0.069	--	<0.072	--	<0.067	<0.073	<0.071	<0.068	<0.071
	1-Methylnaphthalene	EPA 8270	0.00584	RSL	mg/kg	<0.15	--	<0.16	--	<0.15	--	<0.16	--	<0.15	<0.16	<0.16	<0.15	<0.16
	2-Methylnaphthalene	EPA 8270	0.185	RSL	mg/kg	<0.072	--	<0.076	--	<0.072	--	<0.076	--	<0.070	<0.076	<0.074	<0.071	<0.075
	2-Methylphenol	EPA 8270	0.8	BCL	mg/kg	<0.082	--	<0.087	--	<0.082	--	<0.087	--	<0.080	<0.087	<0.085	0.081 UJ	<0.085
	3&4-Methylphenol	EPA 8270			mg/kg	<0.14	--	<0.14	--	<0.14	--	<0.14	--	<0.13	<0.14	<0.14	0.13 UJ	<0.14
	Naphthalene	EPA 8270	4	BCL	mg/kg	<0.069	--	<0.073	--	<0.069	--	<0.072	--	<0.067	<0.073	<0.071	<0.068	<0.071
	Naphthalene	EPA 8270-SIM	4	BCL	mg/kg	<0.0041	--	<0.0043	--	<0.0041	--	<0.0043	--	<0.0041	<0.0043	<0.0043	<0.0041	<0.0043
	2-Nitroaniline	EPA 8270	0.0801	RSL	mg/kg	<0.069	--	<0.073	--	<0.069	--	<0.072	--	<0.067	<0.073	<0.071	<0.068	<0.071
	3-Nitroaniline	EPA 8270			mg/kg	<0.14	--	<0.14	--	<0.14	--	<0.14	--	<0.13	<0.14	<0.14	<0.13	<0.14
	4-Nitroaniline	EPA 8270	0.00158	RSL	mg/kg	<0.14	--	<0.14	--	<0.14	--	<0.14	--	<0.13	<0.14	<0.14	<0.13	<0.14

**TABLE A-4. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 5**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-44				RISB-45				RISB-46			RISB-47	
			Level	Source		0.5-1 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	0.5-1 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs
						RISB-44-0.5-20141121	RISB-44-0.5-20141201	RISB-44-5.0-20141121	RISB-44-5.0-20141202	RISB-45-0.5-20141121	RISB-45-0.5-20141202	RISB-45-5.0-20141121	RISB-45-5.0-20141202	RISB-46-0.5-20141117	RISB-46-5.0-20141117	RISB-46-10.0-20141117	RISB-47-0.5-20141120	RISB-47-5.0-20141120
SVOCs	Nitrobenzene	EPA 8270	0.007	BCL	mg/kg	<0.072	--	<0.076	--	<0.072	--	<0.076	--	<0.070	<0.076	<0.074	<0.071	<0.075
	2-Nitrophenol	EPA 8270			mg/kg	<0.14	--	<0.14	--	<0.14	--	<0.14	--	<0.13	<0.14	<0.14	<0.13	<0.14
	4-Nitrophenol	EPA 8270			mg/kg	<0.14	--	<0.15	--	<0.14	--	<0.15	--	<0.14	<0.15	<0.15	<0.14	<0.15
	n-Nitrosodiphenylamine	EPA 8270	0.06	BCL	mg/kg	<0.082	--	<0.087	--	<0.082	--	<0.087	--	<0.080	<0.087	<0.085	0.081 UJ	<0.085
	Octachlorostyrene	EPA 8270			mg/kg	<2.4	--	<2.5	--	<2.4	--	<2.5	--	<2.3	<2.5	<2.4	<2.3	<2.5
	Pentachlorophenol	EPA 8270	0.001	BCL	mg/kg	<0.35	--	<0.37	--	<0.35	--	<0.37	--	<0.34	<0.37	<0.36	<0.34	<0.36
	Phenol	EPA 8270	5	BCL	mg/kg	<0.093	--	<0.098	--	<0.093	--	<0.097	--	<0.091	<0.098	<0.095	<0.091	<0.096
	Pyrene	EPA 8270	210	BCL	mg/kg	<0.082	--	<0.087	--	<0.082	--	<0.087	--	<0.080	<0.087	<0.085	<0.081	<0.085
	Pyrene	EPA 8270-SIM	210	BCL	mg/kg	<0.0041	--	<0.0043	--	<0.0041	--	<0.0043	--	<0.0041	<0.0043	<0.0043	<0.0041	<0.0043
	Pyridine	EPA 8270			mg/kg	<0.15	--	<0.16	--	<0.15	--	<0.16	--	<0.15	<0.16	<0.16	<0.15	<0.16
	2,4,5-Trichlorophenol	EPA 8270	14	BCL	mg/kg	<0.13	--	<0.14	--	<0.13	--	<0.14	--	<0.13	<0.14	<0.14	<0.13	<0.14
	2,4,6-Trichlorophenol	EPA 8270	0.008	BCL	mg/kg	<0.077	--	<0.082	--	<0.077	--	<0.081	--	<0.075	<0.082	<0.079	<0.076	<0.080
	bis(2-Chloroethoxy)methane	EPA 8270	0.0135	RSL	mg/kg	<0.14	--	<0.14	--	<0.14	--	<0.14	--	<0.13	<0.14	<0.14	<0.13	<0.14
	bis(2-Chloroethyl) ether	EPA 8270	0.00002	BCL	mg/kg	<0.072	--	<0.076	--	<0.072	--	<0.076	--	<0.070	<0.076	<0.074	<0.071	<0.075
	bis(2-Ethylhexyl)phthalate	EPA 8270	180	BCL	mg/kg	<0.093	--	<0.098	--	<0.093	--	<0.097	--	<0.091	<0.098	<0.095	<0.091	<0.096
4-Chloro-3-methylphenol	EPA 8270	1.71	RSL	mg/kg	<0.072	--	<0.076	--	<0.072	--	<0.076	--	<0.070	<0.076	<0.074	<0.071	<0.075	
n-Nitroso-di-n-propylamine	EPA 8270	0.000002	BCL	mg/kg	<0.072	--	<0.076	--	<0.072	--	<0.076	--	<0.070	<0.076	<0.074	<0.071	<0.075	
Organo-chlorine Pesticides	Aldrin	EPA 8081	0.02	BCL	mg/kg	<0.0015	--	<0.0016	--	<0.0016	--	<0.0016	--	<0.0015	0.0016 UJ	0.0016 UJ	<0.0015	<0.0016
	alpha-BHC	EPA 8081	0.0266	BCL	mg/kg	<0.0015	--	<0.0016	--	<0.0016	--	<0.0016	--	<0.0015	0.0016 UJ	0.0016 UJ	<0.0015	<0.0016
	beta-BHC	EPA 8081	0.00545	BCL	mg/kg	<b>0.013 J</b>	--	<0.0016	--	<b>0.039 J</b>	--	<b>0.0060</b>	--	<b>0.019 J</b>	0.0016 UJ	<b>0.0016 J</b>	<0.0015	<0.0016
	delta-BHC	EPA 8081	28.1	BCL	mg/kg	<0.0015	--	<0.0016	--	<0.0016	--	<0.0016	--	<0.0015	0.0016 UJ	0.0016 UJ	<0.0015	<0.0016
	gamma-BHC	EPA 8081	0.0005	BCL	mg/kg	<0.0015	--	<0.0016	--	<0.0016	--	<0.0016	--	<0.0015	0.0016 UJ	0.0016 UJ	<0.0015	<0.0016
	alpha-Chlordane	EPA 8081			mg/kg	<0.0021	--	<0.0022	--	<0.0021	--	<0.0022	--	<0.0020	0.0021 UJ	0.0021 UJ	<0.0021	<0.0022
	gamma-Chlordane	EPA 8081			mg/kg	<0.0015	--	<0.0016	--	<0.0016	--	<0.0016	--	<0.0015	0.0016 UJ	0.0016 UJ	<0.0015	<0.0016
	4,4'-DDD	EPA 8081	0.8	BCL	mg/kg	<0.0015	--	<0.0016	--	<0.0016	--	<0.0016	--	<0.0015	0.0016 UJ	0.0016 UJ	<0.0015	<0.0016
	2,4'-DDE	EPA 8081			mg/kg	<b>0.0060 J</b>	--	<0.0016	--	<b>0.017 J</b>	--	<b>0.0019 J</b>	--	<b>0.0036 J</b>	0.0016 UJ	0.0016 UJ	<b>0.0044 J</b>	<0.0016
	4,4'-DDE	EPA 8081	3	BCL	mg/kg	<b>0.011 J</b>	--	<0.0016	--	<b>0.024 J</b>	--	<0.0016	--	<b>0.010 J</b>	0.0016 UJ	0.0016 UJ	<0.0015	<0.0016
	4,4'-DDT	EPA 8081	2	BCL	mg/kg	<b>0.0067 J</b>	--	<0.0016	--	<b>0.018 J</b>	--	<0.0016	--	<b>0.0048 J</b>	0.0016 UJ	0.0016 UJ	<b>0.0046 J</b>	<0.0016
	Dieldrin	EPA 8081	0.0002	BCL	mg/kg	<0.0015	--	<0.0016	--	<0.0016	--	<0.0016	--	<0.0015	0.0016 UJ	0.0016 UJ	<0.0015	<0.0016
	Endosulfan I	EPA 8081			mg/kg	<0.0015	--	<0.0016	--	<0.0016	--	<0.0016	--	<0.0015	0.0016 UJ	0.0016 UJ	<0.0015	<0.0016
	Endosulfan II	EPA 8081			mg/kg	<0.0015	--	<0.0016	--	<0.0016	--	<0.0016	--	<0.0015	0.0016 UJ	0.0016 UJ	<0.0015	<0.0016
	Endosulfan sulfate	EPA 8081			mg/kg	<0.0021	--	<0.0022	--	<0.0021	--	<0.0022	--	<0.0020	0.0021 UJ	0.0021 UJ	<0.0021	<0.0022
	Endrin	EPA 8081	0.05	BCL	mg/kg	<0.0015	--	<0.0016	--	<0.0016	--	<0.0016	--	<0.0015	0.0016 UJ	0.0016 UJ	<0.0015	<0.0016
	Endrin aldehyde	EPA 8081			mg/kg	<0.0015	--	<0.0016	--	<0.0016	--	<0.0016	--	<0.0015	0.0016 UJ	0.0016 UJ	<0.0015	<0.0016
	Endrin ketone	EPA 8081			mg/kg	<0.0021	--	<0.0022	--	<0.0021	--	<0.0022	--	<0.0020	0.0021 UJ	0.0021 UJ	<0.0021	<0.0022
	Heptachlor	EPA 8081	1	BCL	mg/kg	<0.0021	--	<0.0022	--	<0.0021	--	<0.0022	--	<0.0020	0.0021 UJ	0.0021 UJ	<0.0021	<0.0022
	Heptachlor epoxide	EPA 8081	0.03	BCL	mg/kg	<0.0021	--	<0.0022	--	<0.0021	--	<0.0022	--	<0.0020	0.0021 UJ	0.0021 UJ	<0.0021	<0.0022
Methoxychlor	EPA 8081	8	BCL	mg/kg	0.0015 UJ	--	0.0016 UJ	--	<0.0016	--	<0.0016	--	<0.0015	0.0016 UJ	0.0016 UJ	<0.0015	<0.0016	
Toxaphene	EPA 8081	2	BCL	mg/kg	<0.052	--	<0.054	--	<0.052	--	<0.054	--	<0.050	0.053 UJ	0.054 UJ	<0.052	<0.054	
PAHs	Acenaphthylene	EPA 8270	0.0106	CAL	mg/kg	<0.072	--	<0.076	--	<0.072	--	<0.076	--	<0.070	<0.076	<0.074	<0.071	<0.075
	Acenaphthylene	EPA 8270-SIM	0.0106	CAL	mg/kg	<0.0041	--	<0.0043	--	<0.0041	--	<0.0043	--	<0.0041	<0.0043	<0.0043	<0.0041	<0.0043
	Benzo(a)anthracene	EPA 8270	0.08	BCL	mg/kg	<0.072	--	<0.076	--	<0.072	--	<0.076	--	<0.070	<0.076	<0.074	<0.071	<0.075
	Benzo(a)anthracene	EPA 8270-SIM	0.08	BCL	mg/kg	<0.0041	--	<0.0043	--	<0.0041	--	<0.0043	--	<0.0041	<0.0043	<0.0043	<0.0041	<0.0043
	Benzo(a)pyrene	EPA 8270	0.4	BCL	mg/kg	<0.069	--	<0.073	--	<0.069	--	<0.072	--	<0.067	<0.073	<0.071	<0.068	<0.071
	Benzo(a)pyrene	EPA 8270-SIM	0.4	BCL	mg/kg	<0.0041	--	<0.0043	--	<0.0041	--	<0.0043	--	<0.0041	<0.0043	<0.0043	<0.0041	<0.0043
	Benzo(b)fluoranthene	EPA 8270	0.2	BCL	mg/kg	<0.072	--	<0.076	--	<0.072	--	<0.076	--	<0.070	<0.076	<0.074	<0.071	<0.075
	Benzo(b)fluoranthene	EPA 8270-SIM	0.2	BCL	mg/kg	<0.0041	--	<0.0043	--	<0.0041	--	<0.0043	--	<0.0041	<0.0043	<0.0043	<0.0041	<0.0043
	Benzo(g,h,i)perylene	EPA 8270			mg/kg	<0.11	--	<0.12	--	<0.11	--	<0.12	--	<0.11	<0.12	<0.12	<0.11	<0.12
	Benzo(g,h,i)perylene	EPA 8270-SIM			mg/kg	<0.0041	--	<0.0043	--	<0.0041	--	<0.0043	--	<0.0041	<0.0043	<0.0043	<0.0041	<0.0043

**TABLE A-4. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 5**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-44				RISB-45				RISB-46			RISB-47	
			Level	Source		0.5-1 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	0.5-1 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs
						RISB-44-0.5-20141121	RISB-44-0.5-20141201	RISB-44-5.0-20141121	RISB-44-5.0-20141202	RISB-45-0.5-20141121	RISB-45-0.5-20141202	RISB-45-5.0-20141121	RISB-45-5.0-20141202	RISB-46-0.5-20141117	RISB-46-5.0-20141117	RISB-46-10.0-20141117	RISB-47-0.5-20141120	RISB-47-5.0-20141120
PAHs	Indeno(1,2,3-cd)pyrene	EPA 8270	0.7	BCL	mg/kg	<0.13	--	<0.14	--	<0.13	--	<0.14	--	0.13 UJ	0.14 UJ	0.14 UJ	0.13 UJ	<0.14
	Indeno(1,2,3-cd)pyrene	EPA 8270-SIM	0.7	BCL	mg/kg	<0.0041	--	<0.0043	--	<0.0041	--	<0.0043	--	0.0041 UJ	0.0043 UJ	0.0043 UJ	<0.0041	<0.0043
	Phenanthrene	EPA 8270	0.0243	CAL	mg/kg	<0.069	--	<0.073	--	<0.069	--	<0.072	--	<0.067	<0.073	<0.071	<0.068	<0.071
	Phenanthrene	EPA 8270-SIM	0.0243	CAL	mg/kg	<0.0041	--	<0.0043	--	<0.0041	--	<0.0043	--	<0.0041	<0.0043	<0.0043	<0.0041	<0.0043
PCBs	Aroclor-1260	EPA 8082	0.00549	RSL	mg/kg	<0.018	--	<0.019	--	<0.018	--	<0.018	--	<0.017	<0.018	<0.018	<0.018	<0.018
	PCB-001	EPA 1668A			pg/g	12 J	--	2.1 J	--	36 J	--	4.1 J	--	10 J	1.1 J	0.98 J	11 J	0.86 J
	PCB-002	EPA 1668A			pg/g	12 J	--	<0.23	--	52 J	--	2.8 J	--	17 J	<0.14	0.54 J	17 J	<0.23
	PCB-003	EPA 1668A			pg/g	23 J	--	<0.23	--	91 J	--	8.3 J	--	21	0.83 J	1.7 J	33 J	0.33 J
	PCB-004	EPA 1668A			pg/g	<12	--	<5.8	--	34 J	--	16 J	--	<5.7	<3.7	<4.3	<12	6.2 J
	PCB-005	EPA 1668A			pg/g	<8.4	--	<1.9	--	<19	--	<2.2	--	<2.7	<2.2	<2.1	<10	<2.4
	PCB-006	EPA 1668A			pg/g	12 J	--	<1.9	--	65 J	--	3.9 J	--	10 J	<2.2	<2.1	<10	<2.4
	PCB-007	EPA 1668A			pg/g	<8.1	--	<1.8	--	<19	--	<2.2	--	<2.6	<2.1	<2.0	<9.6	<2.3
	PCB-008	EPA 1668A			pg/g	20 J	--	<1.8	--	110 J	--	9.1 J	--	20	3.0 J	3.8 J	21 J	<2.2
	PCB-009	EPA 1668A			pg/g	<9.1	--	<2.0	--	<21	--	<2.4	--	4.3 J	<2.3	<2.3	<11	<2.6
	PCB-010	EPA 1668A			pg/g	<8.2	--	<4.0	--	<19	--	<5.9	--	<2.7	<2.3	<2.3	<8.2	<2.5
	PCB-011	EPA 1668A			pg/g	22 J	--	5.4 J	--	73 J	--	6.8 J	--	15 J	<2.4	5.2 J	22 J	5.0 J
	PCB-014	EPA 1668A			pg/g	<7.8	--	<1.7	--	<18	--	<2.1	--	<2.5	<2.0	<1.9	<9.2	<2.2
	PCB-015	EPA 1668A			pg/g	76 J	--	<2.4	--	330	--	23	--	89	<2.5	3.6 J	96 J	<3.2
	PCB-016	EPA 1668A			pg/g	3.4 J	--	<0.41	--	9.9 J	--	1.8 J	--	1.8 J	<0.29	<0.30	2.3 J	<0.32
	PCB-017	EPA 1668A			pg/g	3.3 J	--	<0.32	--	11 J	--	2.4 J	--	2.0 J	0.28 J	0.31 J	3.1 J	<0.26
	PCB-019	EPA 1668A			pg/g	2.7 J	--	<0.33	--	<2.1	--	1.2 J	--	0.60 J	0.90 J	0.73 J	<0.89	0.32 J
	PCB-022	EPA 1668A			pg/g	7.3 J	--	<0.41	--	32 J	--	2.1 J	--	7.0 J	0.56 J	0.57 J	6.1 J	<0.31
	PCB-023	EPA 1668A			pg/g	<3.7	--	<0.33	--	<8.3	--	<0.95	--	<1.5	<0.31	<0.30	2.6 J	<0.25
	PCB-024	EPA 1668A			pg/g	1.4 J	--	<0.26	--	5.2 J	--	0.80 J	--	0.77 J	<0.19	<0.19	1.4 J	<0.21
	PCB-025	EPA 1668A			pg/g	6.0 J	--	<0.34	--	33 J	--	2.1 J	--	3.6 J	0.39 J	<0.31	5.7 J	<0.25
	PCB-027	EPA 1668A			pg/g	1.3 J	--	<0.25	--	3.9 J	--	0.89 J	--	1.0 J	<0.18	0.22 J	1.4 J	<0.20
	PCB-031	EPA 1668A			pg/g	22 J	--	<0.34	--	77 J	--	6.4 J	--	12 J	2.0 J	0.88 J	13 J	0.49 J
	PCB-032	EPA 1668A			pg/g	1.8 J	--	<0.20	--	6.9 J	--	1.4 J	--	1.2 J	0.26 J	<0.15	1.8 J	<0.16
	PCB-034	EPA 1668A			pg/g	<4.1	--	<0.37	--	11 J	--	1.5 J	--	<1.7	<0.34	<0.33	3.6 J	<0.27
	PCB-035	EPA 1668A			pg/g	21 J	--	<0.42	--	83 J	--	5.4 J	--	18 J	<0.39	<0.38	23 J	<0.31
	PCB-036	EPA 1668A			pg/g	7.3 J	--	<0.39	--	39 J	--	2.7 J	--	6.1 J	<0.36	<0.35	9.3 J	<0.29
	PCB-037	EPA 1668A			pg/g	40 J	--	<0.59	--	140 J	--	9.3 J	--	37	7.9 J	2.3 J	41 J	0.61 J
	PCB-038	EPA 1668A			pg/g	<4.8	--	<0.42	--	<11	--	<1.2	--	<2.0	<0.39	<0.38	4.7 J	<0.31
	PCB-039	EPA 1668A			pg/g	<4.3	--	<0.38	--	42 J	--	<1.1	--	10 J	<0.35	<0.34	16 J	<0.28
	PCB-041	EPA 1668A			pg/g	<1.1	--	<0.23	--	19 J	--	0.76 J	--	2.3 J	<0.25	<0.17	3.0 J	<0.19
	PCB-042	EPA 1668A			pg/g	13 J	--	<0.18	--	35 J	--	2.0 J	--	5.8 J	6.7 J	1.2 J	5.6 J	<0.16
	PCB-043	EPA 1668A			pg/g	9.5 J	--	<0.22	--	23 J	--	2.1 J	--	4.0 J	<0.24	0.31 J	5.3 J	<0.19
	PCB-045	EPA 1668A			pg/g	6.5 J	--	<0.22	--	12 J	--	0.77 J	--	2.4 J	1.0 J	0.32 J	3.4 J	0.20 J
	PCB-046	EPA 1668A			pg/g	<1.1	--	<0.22	--	5.2 J	--	<0.31	--	<0.27	<0.24	<0.17	1.0 J	<0.19
	PCB-048	EPA 1668A			pg/g	12 J	--	<0.19	--	34 J	--	0.93 J	--	4.6 J	0.85 J	0.29 J	6.1 J	<0.16
PCB-051	EPA 1668A			pg/g	2.5 J	--	<0.17	--	12 J	--	1.1 J	--	1.6 J	<0.19	0.18 J	3.5 J	0.28 J	
PCB-052	EPA 1668A			pg/g	250	--	0.69 J	--	180 J	--	12 J	--	30	37	8.7 J	29 J	1.1 J	
PCB-054	EPA 1668A			pg/g	3.1 J	--	<0.14	--	1.4 J	--	0.34 J	--	0.32 J	<0.10	<0.096	<0.39	0.18 J	
PCB-055	EPA 1668A			pg/g	8.3 J	--	<0.28	--	33 J	--	2.4 J	--	5.4 J	<0.64	<0.27	7.6 J	<0.22	
PCB-056	EPA 1668A			pg/g	45 J	--	<0.33	--	140 J	--	6.9 J	--	24	23	2.2 J	30 J	<0.27	
PCB-057	EPA 1668A			pg/g	<4.5	--	<0.31	--	38 J	--	2.2 J	--	4.2 J	1.4 J	<0.30	7.9 J	<0.25	
PCB-058	EPA 1668A			pg/g	5.4 J	--	<0.30	--	16 J	--	<1.0	--	5.9 J	<0.70	<0.30	8.0 J	<0.25	
PCB-060	EPA 1668A			pg/g	19 J	--	<0.30	--	47 J	--	2.1 J	--	10 J	6.9 J	0.68 J	8.5 J	<0.24	
PCB-063	EPA 1668A			pg/g	11 J	--	<0.29	--	40 J	--	1.5 J	--	7.1 J	<0.66	0.38 J	8.3 J	<0.23	

**TABLE A-4. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 5**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-44				RISB-45				RISB-46			RISB-47	
			Level	Source		0.5-1 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	0.5-1 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs
						RISB-44-0.5-20141121	RISB-44-0.5-20141201	RISB-44-5.0-20141121	RISB-44-5.0-20141202	RISB-45-0.5-20141121	RISB-45-0.5-20141202	RISB-45-5.0-20141121	RISB-45-5.0-20141202	RISB-46-0.5-20141117	RISB-46-5.0-20141117	RISB-46-10.0-20141117	RISB-47-0.5-20141120	RISB-47-5.0-20141120
PCBs	PCB-064	EPA 1668A			pg/g	26 J	--	0.14 J	--	50 J	--	2.2 J	--	7.9 J	10 J	1.9 J	7.6 J	0.23 J
	PCB-066	EPA 1668A			pg/g	79 J	--	0.57 J	--	250	--	12 J	--	45	70	7.8 J	49 J	0.61 J
	PCB-067	EPA 1668A			pg/g	7.2 J	--	<0.28	--	33 J	--	1.8 J	--	4.8 J	<0.65	<0.28	6.7 J	<0.23
	PCB-068	EPA 1668A			pg/g	13 J	--	<0.28	--	43 J	--	2.6 J	--	11 J	<0.65	0.56 J	15 J	<0.23
	PCB-072	EPA 1668A			pg/g	11 J	--	<0.29	--	46 J	--	2.3 J	--	11 J	<0.68	0.48 J	15 J	<0.24
	PCB-073	EPA 1668A			pg/g	3.7 J	--	<0.14	--	9.6 J	--	0.98 J	--	2.1 J	<0.16	<0.11	3.3 J	<0.12
	PCB-077	EPA 1668A			pg/g	31	--	<0.47	--	110	--	5.0	--	29	19	2.3 J	32	<0.37
	PCB-078	EPA 1668A			pg/g	13 J	--	<0.34	--	59 J	--	3.3 J	--	8.3 J	<0.79	<0.34	14 J	<0.28
	PCB-079	EPA 1668A			pg/g	28 J	--	<0.32	--	89 J	--	2.4 J	--	22	<0.73	0.77 J	29 J	<0.26
	PCB-080	EPA 1668A			pg/g	12 J	--	<0.28	--	39 J	--	<0.96	--	9.7 J	<0.65	<0.28	12 J	<0.23
	PCB-081	EPA 1668A	61.8	RSL	pg/g	14	--	<0.42	--	51	--	2.7	--	15	<0.94	<0.36	17	<0.34
	PCB-082	EPA 1668A			pg/g	74 J	--	<0.40	--	160 J	--	8.1 J	--	31	17 J	3.2 J	41 J	<0.35
	PCB-083	EPA 1668A			pg/g	<31	--	<0.44	--	<55	--	<3.6	--	<14	69	<1.1	<18	<0.39
	PCB-084	EPA 1668A			pg/g	140	--	<0.40	--	97 J	--	4.9 J	--	20	18 J	3.7 J	20 J	<0.36
	PCB-089	EPA 1668A			pg/g	<27	--	<0.38	--	<47	--	<3.1	--	<12	<2.2	<0.94	<15	<0.33
	PCB-092	EPA 1668A			pg/g	98	--	<0.36	--	110 J	--	6.3 J	--	25	16 J	3.4 J	29 J	<0.31
	PCB-094	EPA 1668A			pg/g	<25	--	<0.36	--	<45	--	<2.9	--	<12	<2.0	<0.90	<15	<0.32
	PCB-095	EPA 1668A			pg/g	440	--	0.42 J	--	230	--	9.7 J	--	45	55	11 J	37 J	0.69 J
	PCB-096	EPA 1668A			pg/g	4.7 J	--	<0.16	--	12 J	--	0.98 J	--	2.3 J	0.22 J	0.12 J	3.4 J	<0.20
	PCB-099	EPA 1668A			pg/g	190	--	<0.31	--	200 J	--	8.7 J	--	45	49	8.0 J	42 J	0.30 J
	PCB-103	EPA 1668A			pg/g	<23	--	<0.32	--	<40	--	<2.6	--	<10	<1.8	<0.80	<13	<0.28
	PCB-104	EPA 1668A			pg/g	3.9 J	--	<0.14	--	8.9 J	--	1.1 J	--	2.3 J	<0.11	<0.092	3.1 J	<0.17
	PCB-105	EPA 1668A			pg/g	130	--	<0.29	--	300	--	11	--	70	78	13	78	0.32 J
	PCB-106	EPA 1668A			pg/g	44 J	--	<0.28	--	290	--	20 J	--	63	<1.6	1.5 J	100	<0.25
	PCB-109	EPA 1668A			pg/g	45 J	--	<0.25	--	150 J	--	9.3 J	--	40	14 J	2.0 J	53 J	<0.22
	PCB-111	EPA 1668A			pg/g	22 J	--	<0.24	--	79 J	--	6.5 J	--	19 J	<1.3	0.68 J	29 J	<0.21
	PCB-112	EPA 1668A			pg/g	<17	--	<0.25	--	<30	--	2.2 J	--	<7.9	39	<0.61	<10	<0.22
	PCB-114	EPA 1668A			pg/g	28	--	<0.30	--	120	--	6.4	--	25	<1.7	0.80 J	38	<0.25
	PCB-118	EPA 1668A	1,010	RSL	pg/g	280	--	0.48 J	--	500	--	23	--	110	130	19	99	0.73 J
	PCB-120	EPA 1668A			pg/g	24 J	--	<0.25	--	98 J	--	5.5 J	--	22	<1.4	0.85 J	35 J	<0.22
	PCB-121	EPA 1668A			pg/g	<17	--	<0.24	--	36 J	--	2.7 J	--	10 J	<1.4	<0.60	13 J	<0.21
	PCB-122	EPA 1668A			pg/g	<20	--	<0.29	--	41 J	--	<2.3	--	<9.3	<1.6	<0.72	15 J	<0.26
PCB-123	EPA 1668A			pg/g	<21	--	<0.27	--	53	--	<2.3	--	12	15	<0.68	19	<0.25	
PCB-126	EPA 1668A	0.303	RSL	pg/g	<30	--	<0.37	--	95	--	4.9	--	25	<1.9	1.1 J	37	<0.30	
PCB-127	EPA 1668A			pg/g	<20	--	<0.28	--	64 J	--	3.8 J	--	21	<1.6	<0.69	25 J	<0.25	
PCB-130	EPA 1668A			pg/g	98	--	<0.39	--	160 J	--	23	--	67	11 J	4.6 J	62 J	<0.34	
PCB-131	EPA 1668A			pg/g	<17	--	<0.37	--	56 J	--	3.5 J	--	14 J	<1.2	<0.73	20 J	<0.33	
PCB-132	EPA 1668A			pg/g	190	--	<0.35	--	200 J	--	10 J	--	46	43	7.2 J	48 J	<0.31	
PCB-133	EPA 1668A			pg/g	29 J	--	<0.34	--	140 J	--	11 J	--	34	<1.2	1.2 J	55 J	<0.30	
PCB-136	EPA 1668A			pg/g	71 J	--	<0.24	--	73 J	--	4.3 J	--	16 J	11 J	2.6 J	19 J	<0.21	
PCB-137	EPA 1668A			pg/g	55 J	--	<0.31	--	150 J	--	11 J	--	38	5.4 J	1.9 J	58 J	<0.27	
PCB-141	EPA 1668A			pg/g	130	--	<0.34	--	230	--	14 J	--	60	29	8.2 J	76 J	0.48 J	
PCB-142	EPA 1668A			pg/g	26 J	--	<0.34	--	140 J	--	9.2 J	--	30	<1.1	0.83 J	50 J	<0.30	
PCB-144	EPA 1668A			pg/g	49 J	--	<0.32	--	130 J	--	8.9 J	--	32	4.7 J	1.9 J	47 J	<0.28	
PCB-145	EPA 1668A			pg/g	<10	--	<0.23	--	34 J	--	2.5 J	--	7.1 J	<0.78	<0.46	12 J	<0.20	
PCB-146	EPA 1668A			pg/g	140	--	<0.31	--	420	--	29	--	100	18 J	6.3 J	160	0.47 J	
PCB-148	EPA 1668A			pg/g	31 J	--	<0.31	--	120 J	--	8.6 J	--	28	<1.0	1.1 J	46 J	<0.27	
PCB-150	EPA 1668A			pg/g	14 J	--	<0.21	--	66 J	--	4.1 J	--	14 J	<0.72	0.55 J	21 J	<0.19	
PCB-152	EPA 1668A			pg/g	<10	--	<0.23	--	29 J	--	1.9 J	--	5.0 J	<0.76	<0.45	8.1 J	<0.20	



**TABLE A-4. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 5**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-44				RISB-45				RISB-46			RISB-47	
			Level	Source		0.5-1 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	0.5-1 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs
						RISB-44-0.5-20141121	RISB-44-0.5-20141201	RISB-44-5.0-20141121	RISB-44-5.0-20141202	RISB-45-0.5-20141121	RISB-45-0.5-20141202	RISB-45-5.0-20141121	RISB-45-5.0-20141202	RISB-46-0.5-20141117	RISB-46-5.0-20141117	RISB-46-10.0-20141117	RISB-47-0.5-20141120	RISB-47-5.0-20141120
PCBs	PCB-154	EPA 1668A			pg/g	40 J	--	<0.27	--	170 J	--	11 J	--	38	<0.92	1.7 J	60 J	<0.24
	PCB-155	EPA 1668A			pg/g	12 J	--	<0.20	--	46 J	--	3.3 J	--	14 J	<0.72	0.56 J	17 J	<0.18
	PCB-158	EPA 1668A			pg/g	86	--	<0.23	--	220	--	13 J	--	53	15 J	3.6 J	77 J	0.32 J
	PCB-159	EPA 1668A			pg/g	39 J	--	<0.24	--	170 J	--	10 J	--	43	1.1 J	1.6 J	66 J	<0.22
	PCB-160	EPA 1668A			pg/g	36 J	--	<0.27	--	190 J	--	10 J	--	34	150	1.0 J	67 J	<0.24
	PCB-161	EPA 1668A			pg/g	25 J	--	<0.24	--	140 J	--	7.6 J	--	30	14 J	0.72 J	53 J	<0.21
	PCB-162	EPA 1668A			pg/g	41 J	--	<0.22	--	180 J	--	10 J	--	42	1.5 J	1.5 J	68 J	<0.20
	PCB-164	EPA 1668A			pg/g	84	--	<0.25	--	280	--	17 J	--	66	12 J	3.5 J	100	0.24 J
	PCB-165	EPA 1668A			pg/g	15 J	--	<0.28	--	68 J	--	4.4 J	--	17 J	<0.94	0.63 J	29 J	<0.25
	PCB-167	EPA 1668A			pg/g	75	--	<0.23	--	270	--	16	--	71	8.1	2.2 J	100	<0.20
	PCB-169	EPA 1668A	1.65	RSL	pg/g	12	--	<0.30	--	40	--	<2.5	--	<7.5	<0.40	<0.45	18	<0.25
	PCB-170	EPA 1668A			pg/g	120	--	<0.20	--	250	--	16 J	--	79	40	7.0 J	70 J	0.75 J
	PCB-172	EPA 1668A			pg/g	140	--	<0.19	--	540	--	31	--	140	8.1 J	5.0 J	220	0.44 J
	PCB-174	EPA 1668A			pg/g	160	--	<0.20	--	390	--	20 J	--	100	54	9.7 J	140	0.90 J
	PCB-175	EPA 1668A			pg/g	110	--	<0.28	--	450	--	30	--	110	1.8 J	4.2 J	180	0.57 J
	PCB-176	EPA 1668A			pg/g	70 J	--	<0.19	--	260	--	18 J	--	61	4.1 J	3.0 J	100	0.34 J
	PCB-177	EPA 1668A			pg/g	71 J	--	<0.19	--	190 J	--	11 J	--	67	30	5.6 J	71 J	0.31 J
	PCB-178	EPA 1668A			pg/g	80 J	--	<0.28	--	300	--	20 J	--	72	10 J	4.0 J	120	0.31 J
	PCB-179	EPA 1668A			pg/g	69 J	--	<0.21	--	220	--	14 J	--	49	19 J	4.5 J	79 J	0.35 J
	PCB-181	EPA 1668A			pg/g	32 J	--	<0.17	--	190 J	--	11 J	--	47	<0.31	1.7 J	72 J	<0.21
	PCB-182	EPA 1668A			pg/g	44 J	--	<0.25	--	300	--	20 J	--	70	<0.22	2.6 J	120	0.42 J
	PCB-183	EPA 1668A			pg/g	140	--	<0.26	--	470	--	29	--	110	24	7.1 J	170	0.79 J
	PCB-184	EPA 1668A			pg/g	120	--	<0.21	--	480	--	30	--	110	0.70 J	4.3 J	180	0.54 J
	PCB-185	EPA 1668A			pg/g	49 J	--	<0.19	--	190 J	--	12 J	--	64	33	2.3 J	89 J	<0.24
	PCB-186	EPA 1668A			pg/g	17 J	--	<0.20	--	76 J	--	4.9 J	--	17 J	<0.18	0.60 J	29 J	<0.15
	PCB-187	EPA 1668A			pg/g	140	--	<0.26	--	400	--	28	--	110	60	11 J	150	0.75 J
	PCB-188	EPA 1668A			pg/g	68 J	--	<0.21	--	250	--	16 J	--	57	0.47 J	2.4 J	96 J	0.38 J
	PCB-189	EPA 1668A			pg/g	81	--	<0.36	--	400	--	22	--	100	2.0 J	3.5	170	0.53 J
	PCB-190	EPA 1668A			pg/g	59 J	--	<0.13	--	200 J	--	19 J	--	63	9.7 J	4.2 J	83 J	0.25 J
	PCB-191	EPA 1668A			pg/g	58 J	--	<0.14	--	210	--	12 J	--	59	1.1 J	2.0 J	93 J	<0.17
	PCB-192	EPA 1668A			pg/g	37 J	--	<0.14	--	150 J	--	9.9 J	--	38	<0.27	1.6 J	68 J	0.37 J
	PCB-194	EPA 1668A			pg/g	190	--	<0.41	--	630	--	44	--	180	18 J	8.7 J	260	0.84 J
	PCB-195	EPA 1668A			pg/g	91	--	<0.36	--	300	--	21 J	--	94	8.5 J	3.8 J	120	<0.24
	PCB-196	EPA 1668A			pg/g	370	--	<0.38	--	1,500	--	96	--	400	12 J	16 J	640	1.9 J
	PCB-197	EPA 1668A			pg/g	280	--	<0.24	--	1,200	--	71	--	290	2.1 J	10 J	480	1.9 J
	PCB-200	EPA 1668A			pg/g	130	--	<0.31	--	480	--	32	--	120	6.1 J	5.4 J	210	0.75 J
	PCB-201	EPA 1668A			pg/g	340	--	0.28 J	--	1,300	--	81	--	330	6.6 J	13 J	560	1.9 J
	PCB-202	EPA 1668A			pg/g	120	--	<0.30	--	430	--	27	--	110	10 J	5.1 J	180	0.60 J
	PCB-203	EPA 1668A			pg/g	200	--	<0.35	--	750	--	48	--	190	22	9.7 J	320	1.2 J
	PCB-204	EPA 1668A			pg/g	210	--	<0.27	--	910	--	56	--	220	1.4 J	8.1 J	370	1.2 J
	PCB-205	EPA 1668A			pg/g	160	--	<0.33	--	690	--	44	--	210	2.1 J	7.1 J	280	1.3 J
	PCB-206	EPA 1668A			pg/g	1,500	--	1.6 J	--	5,800	--	380	--	1,500	29	58	2,400	9.6 J
	PCB-207	EPA 1668A			pg/g	2,200	--	1.8 J	--	8,600	--	550	--	2,100 J	17 J	83	3,600	13 J
	PCB-208	EPA 1668A			pg/g	1,400	--	1.3 J	--	5,400	--	330	--	1,300	18 J	50	2,300	8.2 J
	PCB-209	EPA 1668A			pg/g	18,000 J	--	32 J	--	69,000 J	--	4,900 J	--	18,000 J	130	690	29,000 J	120
	PCBs 107+124	EPA 1668A			pg/g	29 J	--	<0.27	--	100 J	--	6.8 J	--	26 J	4.9 J	1.5 J	40 J	<0.24
	PCBs 110+115	EPA 1668A			pg/g	580	--	0.32 J	--	780	--	36 J	--	170	140	23 J	190 J	1.3 J
	PCBs 12+13	EPA 1668A			pg/g	37 J	--	<2.0	--	200 J	--	10 J	--	40 J	<2.3	<2.2	34 J	<2.5
	PCBs 128+166	EPA 1668A			pg/g	110 J	--	<0.29	--	250 J	--	13 J	--	58	27 J	4.5 J	77 J	0.28 J

**TABLE A-4. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 5**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-44				RISB-45				RISB-46			RISB-47	
			Level	Source		0.5-1 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	0.5-1 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs
						RISB-44-0.5-20141121	RISB-44-0.5-20141201	RISB-44-5.0-20141121	RISB-44-5.0-20141202	RISB-45-0.5-20141121	RISB-45-0.5-20141202	RISB-45-5.0-20141121	RISB-45-5.0-20141202	RISB-46-0.5-20141117	RISB-46-5.0-20141117	RISB-46-10.0-20141117	RISB-47-0.5-20141120	RISB-47-5.0-20141120
PCBs	PCBs 129+138+163	EPA 1668A			pg/g	570	--	0.44 J	--	790	--	44 J	--	210	170	28 J	220 J	1.4 J
	PCBs 134+143	EPA 1668A			pg/g	43 J	--	<0.36	--	110 J	--	7.1 J	--	26 J	<1.2	1.7 J	37 J	<0.31
	PCBs 135+151	EPA 1668A			pg/g	180	--	<0.33	--	300 J	--	18 J	--	69	41 J	8.6 J	95 J	<0.29
	PCBs 139+140	EPA 1668A			pg/g	43 J	--	<0.31	--	170 J	--	11 J	--	38 J	1.7 J	1.4 J	58 J	<0.27
	PCBs 147+149	EPA 1668A			pg/g	390	--	0.38 J	--	460	--	26 J	--	110	110	18 J	130 J	0.91 J
	PCBs 153+168	EPA 1668A			pg/g	370	--	0.45 J	--	520	--	29 J	--	140	110	21 J	150 J	0.98 J
	PCBs 156+157	EPA 1668A			pg/g	140	--	<0.29	--	380	--	21	--	93	27	5.6 J	130	0.48 J
	PCBs 171+173	EPA 1668A			pg/g	94 J	--	<0.19	--	270 J	--	50	--	220	7.2 J	5.3 J	120 J	1.1 J
	PCBs 18+30	EPA 1668A			pg/g	9.6 J	--	<0.29	--	29 J	--	5.0 J	--	4.1 J	0.78 J	1.1 J	5.7 J	0.41 J
	PCBs 180+193	EPA 1668A			pg/g	370	--	0.32 J	--	950	--	66	--	280	85	20 J	390	1.4 J
	PCBs 198+199	EPA 1668A			pg/g	450	--	0.56 J	--	1,700	--	110	--	460	40 J	21 J	750	2.9 J
	PCBs 20+28	EPA 1668A			pg/g	25 J	--	<0.39	--	97 J	--	8.0 J	--	18 J	3.1 J	1.7 J	18 J	1.1 J
	PCBs 21+33	EPA 1668A			pg/g	14 J	--	<0.34	--	54 J	--	4.5 J	--	10 J	0.68 J	0.81 J	16 J	0.48 J
	PCBs 26+29	EPA 1668A			pg/g	8.5 J	--	<0.37	--	41 J	--	3.5 J	--	5.8 J	0.47 J	0.35 J	10 J	<0.27
	PCBs 40+71	EPA 1668A			pg/g	46 J	--	<0.19	--	150 J	--	12 J	--	26 J	10 J	2.3 J	37 J	0.26 J
	PCBs 44+47+65	EPA 1668A			pg/g	100 J	--	0.53 J	--	170 J	--	12 J	--	26 J	28 J	6.5 J	34 J	1.9 J
	PCBs 49+69	EPA 1668A			pg/g	51 J	--	0.24 J	--	90 J	--	6.8 J	--	15 J	18 J	3.5 J	18 J	0.44 J
	PCBs 50+53	EPA 1668A			pg/g	11 J	--	<0.18	--	21 J	--	2.5 J	--	3.4 J	1.4 J	0.34 J	5.0 J	<0.15
	PCBs 59+62+75	EPA 1668A			pg/g	21 J	--	<0.14	--	92 J	--	7.0 J	--	14 J	1.9 J	0.84 J	20 J	<0.12
	PCBs 61+70+74+76	EPA 1668A			pg/g	180 J	--	0.55 J	--	420 J	--	21 J	--	70 J	48 J	7.2 J	78 J	0.86 J
PCBs 85+116+117	EPA 1668A			pg/g	120 J	--	<0.29	--	340 J	--	19 J	--	61	23 J	5.2 J	85 J	<0.25	
PCBs 86+87+97+108+119+125	EPA 1668A			pg/g	250 J	--	<0.29	--	600 J	--	30 J	--	130	26 J	9.3 J	150 J	0.94 J	
PCBs 88+91	EPA 1668A			pg/g	55 J	--	<0.34	--	95 J	--	5.8 J	--	20 J	9.5 J	2.2 J	26 J	<0.30	
PCBs 90+101+113	EPA 1668A			pg/g	480	--	0.39 J	--	480 J	--	24 J	--	100	92	18 J	110 J	1.2 J	
PCBs 93+100	EPA 1668A			pg/g	<24	--	<0.34	--	<42	--	2.8 J	--	13 J	<1.9	<0.85	<14	<0.30	
PCBs 98+102	EPA 1668A			pg/g	<22	--	<0.31	--	<38	--	<2.5	--	<10	<1.8	<0.77	<13	<0.27	
Dioxins/Furans	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	EPA 8290			pg/g	150	--	0.83 J	--	640	--	8.8	--	150	0.80 J	5.6	260	1.5 J
	1,2,3,4,6,7,8-Heptachlorodibenzofuran	EPA 8290			pg/g	1,700	--	2.0 J	--	7,900 J	--	75	--	2,000	8.6	69	3,000 J	14
	1,2,3,4,7,8,9-Heptachlorodibenzofuran	EPA 8290			pg/g	610	--	1.3 J	--	2,900 J	--	28	--	740	3.3 J	26	1,200	4.8 J
	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	EPA 8290			pg/g	17	--	<0.33	--	69	--	0.75 J	--	21	<0.19	0.81 J	26	<0.16
	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	EPA 8290			pg/g	42	--	<0.28	--	170	--	1.7 J	--	46	0.53 J	1.8 J	59	0.19 J
	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	EPA 8290			pg/g	32	--	<0.26	--	170	--	1.7 J	--	40	0.36 J	1.9 J	60	0.37 J
	1,2,3,4,7,8-Hexachlorodibenzofuran	EPA 8290			pg/g	710	--	0.78 J	--	3,400 J	--	32	--	950	3.9 J	32	1,400	4.6 J
	1,2,3,6,7,8-Hexachlorodibenzofuran	EPA 8290			pg/g	500	--	0.72 J	--	1,900	--	20	--	500	2.3 J	17	840	3.0 J
	1,2,3,7,8,9-Hexachlorodibenzofuran	EPA 8290			pg/g	46	--	<0.51	--	<170	--	<1.9	--	87	<0.50	3.1 J	<98	<0.53
	2,3,4,6,7,8-Hexachlorodibenzofuran	EPA 8290			pg/g	130	--	<0.47	--	460	--	3.6 J	--	110	0.57 J	4.6 J	240	<0.50
	HpCDD (total)	EPA 8290			pg/g	240	--	2.3 J	--	1,000	--	16	--	240	1.5 J	8.8	410	2.3 J
	HpCDF (total)	EPA 8290			pg/g	3,600	--	3.9 J	--	16,000 J	--	160	--	3,900	17	140	6,500 J	29
	HxCDD (total)	EPA 8290			pg/g	300	--	<0.33	--	1,200	--	11	--	350	2.6 J	13	440	1.6 J
HxCDF (total)	EPA 8290			pg/g	3,900	--	2.2 J	--	14,000 J	--	130	--	4,000	13	130	5,800	15	

**TABLE A-4. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 5**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-44				RISB-45				RISB-46			RISB-47	
			Level	Source		0.5-1 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	0.5-1 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs
						RISB-44-0.5-20141121	RISB-44-0.5-20141201	RISB-44-5.0-20141121	RISB-44-5.0-20141202	RISB-45-0.5-20141121	RISB-45-0.5-20141202	RISB-45-5.0-20141121	RISB-45-5.0-20141202	RISB-46-0.5-20141117	RISB-46-5.0-20141117	RISB-46-10.0-20141117	RISB-47-0.5-20141120	RISB-47-5.0-20141120
Dioxins/Furans	1,2,3,4,5,6,7,8-Octachlorodibenzo-p-dioxin	EPA 8290			pg/g	170	--	7.0 J	--	670	--	64	--	180	1.9 J	8.7 J	270	2.4 J
	1,2,3,4,5,6,7,8-Octachlorodibenzofuran	EPA 8290			pg/g	4,000	--	5.0 J	--	21,000 J	--	200	--	5,300 J	23	180	8,800 J	35
	PeCDD (total)	EPA 8290			pg/g	260	--	<0.36	--	1,100	--	9.7	--	350	1.5 J	11	360	1.2 J
	PeCDF (total)	EPA 8290			pg/g	3,000	--	<0.94	--	12,000	--	110	--	3,300	6.6	110	4,500	9.1
	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	EPA 8290			pg/g	21	--	<0.36	--	83	--	0.91 J	--	29	<0.35	1.2 J	33	<0.16
	1,2,3,7,8-Pentachlorodibenzofuran	EPA 8290			pg/g	330	--	<0.90	--	1,300	--	13	--	380	1.5 J	12	540	1.7 J
	2,3,4,7,8-Pentachlorodibenzofuran	EPA 8290			pg/g	170	--	<0.94	--	650	--	6.4	--	190	<0.68	6.7	250	<0.45
	TCDD (total)	EPA 8290			pg/g	170	--	<0.14	--	810	--	7.7	--	220	0.57 J	6.1	280	0.49 J
	TCDF (total)	EPA 8290			pg/g	1,700	--	<0.23	--	8,300	--	78	--	2,200	7.7	70	2,900	9.6
	2,3,7,8-Tetrachlorodibenzo-p-dioxin	EPA 8290	15	RSL	pg/g	4.9	--	<0.14	--	22	--	0.20 J	--	6.5	<0.21	<0.25	9.0	<0.096
	2,3,7,8-Tetrachlorodibenzofuran	EPA 8290			pg/g	180	--	<0.23	--	630	--	5.4	--	200	0.66 J	6.2	260	0.78 J
	Total PCB TEQs (calculated by TAS)	EPA 8280A			pg/g	1.9	--	0.024	--	11	--	0.53	--	2.6	0.11	0.12	4.3	0.019
Total TEQ (Calculated)	EPA 8280A			pg/g	280	--	.7	--	1,200	--	11	--	330	1.4	11	470	1.4	
Organic Acids	Phthalic acid	EPA 8270			µg/kg	<1,300	--	<1,400	--	<1,300	--	<1,400	--	<1,300	<1,400	<1,300	<1,300	<1,300
Radionuclides	Radium-226	EPA 903.0	0.006	BCL	pCi/g	1.58	--	0.968	--	1.04	--	1.00	--	1.22 J	1.18 J	1.35 J	0.903 J	0.988
	Radium-228	EPA 904.0	0.006	BCL	pCi/g	1.20	--	0.900	--	1.05	--	1.12	--	1.57 J	1.16 J	1.09 J	1.07 J	0.922
	Thorium-228	DOE A-01-R	0.0027	BCL	pCi/g	1.22	--	1.63	--	1.85	--	2.10	--	1.53	1.45	1.27	2.07	1.88
	Thorium-230	DOE A-01-R	0.001	BCL	pCi/g	1.74	--	1.35	--	1.25	--	1.19	--	1.03	1.05	0.949	0.922	1.21
	Thorium-232	DOE A-01-R	0.0035	BCL	pCi/g	1.20	--	1.49	--	1.64	--	1.88	--	1.65	1.48	1.24	1.73	1.72
	Uranium-233/234	DOE A-01-R			pCi/g	1.49	--	1.11	--	0.861	--	0.896	--	0.945	1.20	1.20	0.856	0.791
	Uranium-235/236	DOE A-01-R			pCi/g	0.103	--	<0.0820	--	0.0416	--	0.0894	--	0.0573	<0.0685	<0.0752	<0.0590	<0.0726
	Uranium-238	DOE A-01-R			pCi/g	1.31	--	0.857	--	1.02	--	1.14	--	1.09	1.07	0.976	0.963	1.10
Uranium-238	EPA 6020	13.5	BCL	mg/kg	2.1	--	1.2	--	1.0	--	0.91	--	0.88	0.95	1.1	0.89	0.98	
Total Petroleum Hydrocarbons	Diesel Range Organics (C10-C28)	EPA 8015			mg/kg	2.7 J	--	<2.7	--	2.7 J	--	<2.7	--	8.3	<2.7	<2.7	<2.6	<2.7
	EFH (C10-C40)	EPA 8015			mg/kg	4.2 J	--	3.3 J	--	5.8	--	3.9 J	--	7.8	<2.7	4.1 J	2.9 J	<2.7
	Gasoline Range Organics (C6-C10)	EPA 8015			µg/kg	150 UJ	<140	160 UJ	<150	150 UJ	<150	160 UJ	<150	<150	<160	<160	<150	<160
	Petroleum Hydrocarbons (C29-C40)	EPA 8015			mg/kg	<2.6	--	<2.7	--	3.1 J	--	<2.7	--	<2.5	<2.7	<2.7	<2.6	<2.7
General Chemistry	Alkalinity (as CaCO3)	SM 2320			mg/kg	33,000	--	16,000	--	31,000	--	21,000	--	19,000	26,000	28,000	18,000	18,000
	Ammonia (as NH3)	SM 4500			mg/kg	<2.5	--	<2.6	--	<2.5	--	<2.6	--	<2.4	<2.6	2.6 J	2.8 J	<2.6
	Bicarbonate as HCO3	SM 2320			mg/kg	39,000	--	18,000	--	36,000	--	26,000	--	22,000	29,000	31,000	20,000	20,000
	Bromide	EPA 300			mg/kg	<3.6	--	<3.9	--	7.8	--	<3.8	--	<3.5	<3.8	<3.8	<3.6	<3.8
	Carbonate (CO3)	SM 2320			mg/kg	920	--	970	--	620	--	<330	--	910	1,300	1,300	920	960
	Chloride	EPA 300			mg/kg	110	--	580	--	750	--	160	--	82	410	250	410	320
	Hydroxide	SM 2320			mg/kg	<170	--	<180	--	<180	--	<180	--	<170	<180	<180	<170	<180
	Nitrate (as NO3)	EPA 300			mg/kg	24	--	89	--	160	--	24	--	27	31	32	64	13
	Nitrate/Nitrite	EPA 300			mg/kg	5.3	--	20	--	37	--	5.4	--	7.5	7.1	7.3	14	3.0
	Nitrite	EPA 300			mg/kg	<1.1	--	<1.2	--	<1.2	--	<1.2	--	1.4 J	<1.2	<1.2	<1.1	<1.2
	ortho-Phosphate (total) (as PO4)	EPA 300			mg/kg	<4.1	--	<4.4	--	<4.2	--	<4.4	--	4.0 UJ	4.4 UJ	4.3 UJ	<4.1	5.7
	Phosphorus (total)	EPA 6010	0.00148	RSL	mg/kg	810 J	--	980 J	--	1,200 J	--	980 J	--	1,200	1,300	1,000	1,000	860
Silicon	EPA 6010			mg/kg	100 J	--	110 J	--	110 J	--	99 J	--	94 J	120 J	120 J	120 J	120 J	110 J

**TABLE A-4. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 5**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-44				RISB-45				RISB-46			RISB-47	
			Level	Source		0.5-1 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	0.5-1 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs
						RISB-44-0.5-20141121	RISB-44-0.5-20141201	RISB-44-5.0-20141121	RISB-44-5.0-20141202	RISB-45-0.5-20141121	RISB-45-0.5-20141202	RISB-45-5.0-20141121	RISB-45-5.0-20141202	RISB-46-0.5-20141117	RISB-46-5.0-20141117	RISB-46-10.0-20141117	RISB-47-0.5-20141120	RISB-47-5.0-20141120
General Chemistry	Sulfate	EPA 300			mg/kg	1,400	--	440	--	370	--	840	--	82	110	200	290	270
	Sulfur	EPA 6020			mg/kg	2,000 J	--	1,200 J	--	990 J	--	<410 R	--	1,100 J	1,400 J	1,300 J	410 UJ	430 UJ
	pH	EPA 9045			s.u.	--	--	--	--	--	--	--	--	--	--	--	--	--

**Notes:**

ft bgs: feet below ground surface

FD: Field Duplicate

Above Screening Level

bold value: detection

Soil screening levels were selected according to the following hierarchy of criteria:

1. Basic Comparison Level (BCL): Leaching-based basic comparison levels (LBCL) with dilution attenuation factor (DAF) of 1 in the most recent version of Nevada Division of Environmental Protection (NDEP) documents (February 2015).
2. Regional Screening Level (RSL): United States Environmental Protection Agency (USEPA) Regional Screening Levels (RSL) for groundwater protection (June 2015), with the maximum contaminant level (MCL) based screening levels selected over the risk-based screening levels, if available (USEPA 2015)
3. Calculated Criteria (CAL): Generic leaching-based BCLs (LBCLs) calculated using the approach presented in NDEP guidance (NDEP 2015).

**Sources:**

NDEP, 2015. User's Guide and Background Technical Document for NDEP Basic Comparison Levels (BCLs) for Human Health for the BMI Complex and Common Areas. Revision 13, February.

USEPA, 2015. Regional Screening Levels (RSL) for Chemical Contaminants at Superfund Sites. June.

**TABLE A-4. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 5**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-48				RISB-49		
			Level	Source		0.5-1 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs
						RISB-48-0.5-20141120	RISB-48-0.5-20141202	RISB-48-5.0-20141121	RISB-48-5.0-20141202	RISB-49-0.5-20141117	RISB-49-5.0-20141117	RISB-49-10.0-20141117
Chlorates	Chlorate	EPA 300.1	1.03	BCL	mg/kg	0.79 J	--	11	--	4.0	15	8.7
	Perchlorate	EPA 314.0	0.0185	BCL	mg/kg	1.8 J	--	14	--	3.6	16	9.4
Common Metals	Aluminum	EPA 6010	75	BCL	mg/kg	9,500	--	10,000	--	8,500	9,700	9,000
	Antimony	EPA 6020	0.3	BCL	mg/kg	0.51 UJ	--	0.54 UJ	--	0.51 UJ	0.54 UJ	0.54 UJ
	Arsenic	EPA 6020	1	BCL	mg/kg	2.5	--	3.1	--	3.1	3.3	4.9
	Barium	EPA 6010	82	BCL	mg/kg	200	--	170 J	--	200 J	220 J	190 J
	Boron	EPA 6010	21.4	BCL	mg/kg	3.7 J	--	4.9 J	--	7.1	6.8	4.7 J
	Cadmium	EPA 6010	0.4	BCL	mg/kg	<0.26	--	<0.27	--	<0.25	<0.27	<0.27
	Chromium (total)	EPA 6010	180,000	RSL	mg/kg	13	--	14	--	10	10	11
	Cobalt	EPA 6010	0.453	BCL	mg/kg	7.2	--	7.5	--	6.3	6.8	6.7
	Copper	EPA 6010	45.8	BCL	mg/kg	18	--	17	--	18	20	19
	Iron	EPA 6010	7.56	BCL	mg/kg	15,000	--	15,000	--	14,000	15,000	15,000
	Lead	EPA 6010	13.5	RSL	mg/kg	9.9	--	9.4	--	13	9.4	7.2
	Magnesium	EPA 6010	889	BCL	mg/kg	7,300	--	9,400	--	9,900	11,000	9,800
	Manganese	EPA 6010	1.3	BCL	mg/kg	460	--	350	--	560	430	320
	Mercury	EPA 7471	0.104	BCL	mg/kg	0.40 J	--	0.27 J	--	0.017 J	0.017 J	<0.013
	Molybdenum	EPA 6010	3.37	BCL	mg/kg	<1.0	--	<1.1	--	<1.0	<1.1	<1.1
	Nickel	EPA 6010	7	BCL	mg/kg	15	--	15	--	13	13	13
	Selenium	EPA 6020	0.3	BCL	mg/kg	<0.51	--	<0.54	--	<0.51	<0.54	<0.54
Silver	EPA 6010	0.85	BCL	mg/kg	<0.77	--	<0.81	--	<0.76	<0.81	<0.81	
Thallium	EPA 6020	0.4	BCL	mg/kg	<0.26	--	<0.27	--	<0.25	<0.27	<0.27	
Zinc	EPA 6010	620	BCL	mg/kg	34	--	32	--	34	36	31	
Hexavalent Chromium	Chromium VI	EPA 7199	2	BCL	mg/kg	<0.41	--	<0.44	--	<0.41	<0.43	<0.43
Rare Metals	Niobium	EPA 6020	1.17	BCL	mg/kg	<1.7 R	--	<1.9 R	--	<1.9 R	<2.0 R	<2.0 R
	Palladium	EPA 6020			mg/kg	<0.048	--	<0.052	--	<0.056	<0.057	<0.057
	Strontium	EPA 6010	422	RSL	mg/kg	160	--	220	--	180	290	270
	Tungsten	EPA 6010	37.6	BCL	mg/kg	5.1 UJ	--	5.4 UJ	--	5.1 UJ	5.4 UJ	5.4 UJ
	Zirconium	EPA 6010	4.79	RSL	mg/kg	20	--	19	--	21	20	25
VOCs	Acetone	EPA 8260	0.8	BCL	mg/kg	<0.0077	<0.0084	0.0084 UJ	<0.0082	0.0076 UJ	0.0083 UJ	0.0081 UJ
	t-Amyl methyl ether	EPA 8260			mg/kg	<0.00096	<0.0010	0.0010 UJ	<0.0010	0.00095 UJ	0.0010 UJ	0.0010 UJ
	Benzene	EPA 8260	0.002	BCL	mg/kg	<0.00048	<0.00052	0.00052 UJ	<0.00052	<0.00048	<0.00052	<0.00051
	Bromobenzene	EPA 8260	0.0421	RSL	mg/kg	<0.00096	<0.0010	0.0010 UJ	<0.0010	<0.00095	<0.0010	<0.0010
	Bromochloromethane	EPA 8260			mg/kg	<0.00096	<0.0010	0.0010 UJ	<0.0010	<0.00095	<0.0010	<0.0010
	Bromodichloromethane	EPA 8260	0.03	BCL	mg/kg	<0.00048	<0.00052	0.00052 UJ	<0.00052	<0.00048	<0.00052	<0.00051
	Bromoform	EPA 8260	0.04	BCL	mg/kg	0.00096 UJ	<0.0010	0.0010 UJ	<0.0010	<0.00095	<0.0010	<0.0010
	Bromomethane	EPA 8260	0.01	BCL	mg/kg	<0.00096	<0.0010	0.0010 UJ	<0.0010	<0.00095	<0.0010	<0.0010
	2-Butanone	EPA 8260	1.16	RSL	mg/kg	<0.0048	<0.0052	0.0052 UJ	<0.0052	<0.0048	<0.0052	<0.0051
	n-Butylbenzene	EPA 8260	3.23	RSL	mg/kg	<0.00096	<0.0010	0.0010 UJ	<0.0010	<0.00095	<0.0010	<0.0010
	sec-Butylbenzene	EPA 8260	5.87	RSL	mg/kg	<0.00096	<0.0010	0.0010 UJ	<0.0010	<0.00095	<0.0010	<0.0010
	Carbon tetrachloride	EPA 8260	0.003	BCL	mg/kg	0.00048 UJ	<0.00052	0.00052 UJ	<0.00052	<0.00048	<0.00052	<0.00051
	Chlorobenzene	EPA 8260	0.07	BCL	mg/kg	<0.00048	<0.00052	0.00052 UJ	<0.00052	<0.00048	<0.00052	<0.00051
	Chloroethane	EPA 8260	5.92	RSL	mg/kg	<0.00096	<0.0010	0.0010 UJ	<0.0010	<0.00095	<0.0010	<0.0010
	Chloroform	EPA 8260	0.03	BCL	mg/kg	<0.00048	<0.00052	0.00052 UJ	<0.00052	<0.00048	<0.00052	<0.00051
	Chloromethane	EPA 8260	0.0486	RSL	mg/kg	<0.00096	<0.0010	0.0010 UJ	<0.0010	<0.00095	<0.0010	<0.0010
	2-Chlorotoluene	EPA 8260	0.231	RSL	mg/kg	<0.00096	<0.0010	0.0010 UJ	<0.0010	<0.00095	<0.0010	<0.0010
	4-Chlorotoluene	EPA 8260	0.241	RSL	mg/kg	<0.00096	<0.0010	0.0010 UJ	<0.0010	<0.00095	<0.0010	<0.0010
	Cumene	EPA 8260	0.738	RSL	mg/kg	<0.00048	<0.00052	0.00052 UJ	<0.00052	<0.00048	<0.00052	<0.00051
	p-Cymene	EPA 8260	3.91	CAL	mg/kg	<0.00048	<0.00052	0.00052 UJ	<0.00052	<0.00048	<0.00052	<0.00051

**TABLE A-4. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 5**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-48				RISB-49		
			Level	Source		0.5-1 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs
						RISB-48-0.5-20141120	RISB-48-0.5-20141202	RISB-48-5.0-20141121	RISB-48-5.0-20141202	RISB-49-0.5-20141117	RISB-49-5.0-20141117	RISB-49-10.0-20141117
VOCs	Dibromochloromethane	EPA 8260	0.02	BCL	mg/kg	0.00048 UJ	<0.00052	0.00052 UJ	<0.00052	<0.00048	<0.00052	<0.00051
	1,2-Dibromoethane	EPA 8260	0.0000141	RSL	mg/kg	<0.00048	<0.00052	0.00052 UJ	<0.00052	<0.00048	<0.00052	<0.00051
	Dibromomethane	EPA 8260	0.00197	RSL	mg/kg	<0.00048	<0.00052	0.00052 UJ	<0.00052	<0.00048	<0.00052	<0.00051
	1,2-Dichlorobenzene	EPA 8260	0.9	BCL	mg/kg	<0.00048	<0.00052	0.00052 UJ	<0.00052	<0.00048	<0.00052	<0.00051
	1,3-Dichlorobenzene	EPA 8260	0.0473	CAL	mg/kg	<0.00048	<0.00052	0.00052 UJ	<0.00052	<0.00048	<0.00052	<0.00051
	1,4-Dichlorobenzene	EPA 8260	0.1	BCL	mg/kg	<0.00048	<0.00052	0.00052 UJ	<0.00052	<0.00048	<0.00052	<0.00051
	Dichlorodifluoromethane	EPA 8260	0.304	RSL	mg/kg	0.00096 UJ	0.0010 UJ	0.0010 UJ	0.0010 UJ	0.00095 UJ	0.0010 UJ	0.0010 UJ
	1,1-Dichloroethane	EPA 8260	1	BCL	mg/kg	<0.00048	<0.00052	0.00052 UJ	<0.00052	<0.00048	<0.00052	<0.00051
	1,2-Dichloroethane	EPA 8260	0.001	BCL	mg/kg	<0.00048	<0.00052	0.00052 UJ	<0.00052	<0.00048	<0.00052	<0.00051
	1,1-Dichloroethene	EPA 8260	0.003	BCL	mg/kg	<0.00048	<0.00052	0.00052 UJ	<0.00052	<0.00048	<0.00052	<0.00051
	cis-1,2-Dichloroethene	EPA 8260	0.02	BCL	mg/kg	<0.00048	<0.00052	0.00052 UJ	<0.00052	<0.00048	<0.00052	<0.00051
	trans-1,2-Dichloroethene	EPA 8260	0.03	BCL	mg/kg	<0.00048	<0.00052	0.00052 UJ	<0.00052	<0.00048	<0.00052	<0.00051
	1,2-Dichloropropane	EPA 8260	0.001	BCL	mg/kg	<0.00048	<0.00052	0.00052 UJ	<0.00052	<0.00048	<0.00052	<0.00051
	1,3-Dichloropropane	EPA 8260	0.001	BCL	mg/kg	<0.00048	<0.00052	0.00052 UJ	<0.00052	<0.00048	<0.00052	<0.00051
	2,2-Dichloropropane	EPA 8260			mg/kg	0.00096 UJ	<0.0010	0.0010 UJ	<0.0010	<0.00095	<0.0010	<0.0010
	1,1-Dichloropropene	EPA 8260			mg/kg	<0.00048	<0.00052	0.00052 UJ	<0.00052	<0.00048	<0.00052	<0.00051
	cis-1,3-Dichloropropene	EPA 8260			mg/kg	<0.00048	<0.00052	0.00052 UJ	<0.00052	<0.00048	<0.00052	<0.00051
	trans-1,3-Dichloropropene	EPA 8260			mg/kg	<0.00048	0.00052 UJ	0.00052 UJ	0.00052 UJ	<0.00048	<0.00052	<0.00051
	Diisopropyl ether	EPA 8260			mg/kg	<0.00096	<0.0010	0.0010 UJ	<0.0010	0.00095 UJ	0.0010 UJ	0.0010 UJ
	Ethyl benzene	EPA 8260	0.7	BCL	mg/kg	<0.00048	<0.00052	0.00052 UJ	<0.00052	<0.00048	<0.00052	<0.00051
	Ethyl tert-butyl ether	EPA 8260			mg/kg	0.00096 UJ	<0.0010	0.0010 UJ	<0.0010	<0.00095	<0.0010	<0.0010
	Hexachlorobutadiene	EPA 8260	0.1	BCL	mg/kg	<0.00096	0.0010 UJ	0.0010 UJ	0.0010 UJ	<0.00095	<0.0010	<0.0010
	2-Hexanone	EPA 8260			mg/kg	<0.0048	<0.0052	0.0052 UJ	<0.0052	0.0048 UJ	0.0052 UJ	0.0051 UJ
	Methyl tert-butyl ether	EPA 8260			mg/kg	<0.00096	<0.0010	0.0010 UJ	<0.0010	<0.00095	<0.0010	<0.0010
	Methylene chloride	EPA 8260	0.001	BCL	mg/kg	<0.0048	<0.0052	0.0052 UJ	<0.0052	<0.0048	<0.0052	<0.0051
	Naphthalene	EPA 8260	4	BCL	mg/kg	<0.00096	0.0010 UJ	0.0010 UJ	0.0010 UJ	<0.00095	<0.0010	<0.0010
	n-Propylbenzene	EPA 8260	1.22	RSL	mg/kg	<0.00048	<0.00052	0.00052 UJ	<0.00052	<0.00048	<0.00052	<0.00051
	Styrene	EPA 8260	0.2	BCL	mg/kg	<0.00048	<0.00052	0.00052 UJ	<0.00052	<0.00048	<0.00052	<0.00051
	1,1,1,2-Tetrachloroethane	EPA 8260	0.000218	RSL	mg/kg	<0.00096	<0.0010	0.0010 UJ	<0.0010	<0.00095	<0.0010	<0.0010
	1,1,1,2,2-Tetrachloroethane	EPA 8260	0.0002	BCL	mg/kg	<0.00096	<0.0010	0.0010 UJ	<0.0010	<0.00095	<0.0010	<0.0010
	Tetrachloroethene	EPA 8260	0.003	BCL	mg/kg	<0.00048	<0.00052	0.00052 UJ	<0.00052	<0.00048	<0.00052	<0.00051
	Toluene	EPA 8260	0.6	BCL	mg/kg	<0.00048	<0.00052	0.00052 UJ	<0.00052	<0.00048	<0.00052	<0.00051
	1,2,3-Trichlorobenzene	EPA 8260	0.0209	RSL	mg/kg	<0.00096	0.0010 UJ	0.0010 UJ	0.0010 UJ	<0.00095	<0.0010	<0.0010
	1,2,4-Trichlorobenzene	EPA 8260	0.3	BCL	mg/kg	<0.00096	0.0010 UJ	0.0010 UJ	0.0010 UJ	<0.00095	<0.0010	<0.0010
	1,1,1-Trichloroethane	EPA 8260	0.1	BCL	mg/kg	0.00048 UJ	<0.00052	0.00052 UJ	<0.00052	<0.00048	<0.00052	<0.00051
	1,1,2-Trichloroethane	EPA 8260	0.0009	BCL	mg/kg	<0.00048	<0.00052	0.00052 UJ	<0.00052	<0.00048	<0.00052	<0.00051
	Trichloroethene	EPA 8260	0.003	BCL	mg/kg	<0.00048	<0.00052	0.00052 UJ	<0.00052	<0.00048	<0.00052	<0.00051
	Trichlorofluoromethane	EPA 8260	0.731	RSL	mg/kg	<0.00096	<0.0010	0.0010 UJ	<0.0010	<0.00095	<0.0010	<0.0010
	1,2,3-Trichloropropane	EPA 8260	0.00000323	RSL	mg/kg	<0.00096	<0.0010	0.0010 UJ	<0.0010	<0.00095	<0.0010	<0.0010
	1,2,4-Trimethylbenzene	EPA 8260	0.0212	RSL	mg/kg	<0.00096	<0.0010	0.0010 UJ	<0.0010	<0.00095	<0.0010	<0.0010
1,3,5-Trimethylbenzene	EPA 8260	0.167	RSL	mg/kg	<0.00096	<0.0010	0.0010 UJ	<0.0010	<0.00095	<0.0010	<0.0010	
Vinyl chloride	EPA 8260	0.0007	BCL	mg/kg	<0.00096	<0.0010	0.0010 UJ	<0.0010	<0.00095	<0.0010	<0.0010	
m,p-Xylene	EPA 8260			mg/kg	<0.00096	<0.0010	0.0010 UJ	<0.0010	<0.00095	<0.0010	<0.0010	
o-Xylene	EPA 8260	9	BCL	mg/kg	<0.00048	<0.00052	0.00052 UJ	<0.00052	<0.00048	<0.00052	<0.00051	
1,2-Dibromo-3-chloropropane	EPA 8260	0.0000864	RSL	mg/kg	0.0019 UJ	0.0021 UJ	0.0021 UJ	0.0021 UJ	<0.0019	<0.0021	<0.0020	
4-Methyl-2-pentanone	EPA 8260			mg/kg	<0.0024	<0.0026	0.0026 UJ	<0.0026	0.0024 UJ	0.0026 UJ	0.0025 UJ	
tert Butyl alcohol	EPA 8260			mg/kg	<0.0096	<0.010	0.010 UJ	<0.010	<0.0095	<0.010	<0.010	
tert-Butylbenzene	EPA 8260	1.55	RSL	mg/kg	<0.00096	<0.0010	0.0010 UJ	<0.0010	<0.00095	<0.0010	<0.0010	

**TABLE A-4. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 5**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-48				RISB-49		
			Level	Source		0.5-1 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs
						RISB-48-0.5-20141120	RISB-48-0.5-20141202	RISB-48-5.0-20141121	RISB-48-5.0-20141202	RISB-49-0.5-20141117	RISB-49-5.0-20141117	RISB-49-10.0-20141117
SVOCs	Acenaphthene	EPA 8270	29	BCL	mg/kg	<0.069	--	0.073 UJ	--	<0.069	<0.073	<0.074
	Acenaphthene	EPA 8270-SIM	29	BCL	mg/kg	<0.0041	--	<0.0044	--	<0.0041	<0.0043	<0.0043
	Aniline	EPA 8270	0.00456	RSL	mg/kg	<0.087	--	<0.093	--	<0.088	<0.092	<0.094
	Anthracene	EPA 8270	590	BCL	mg/kg	<0.082	--	0.087 UJ	--	<0.083	<0.087	<0.089
	Anthracene	EPA 8270-SIM	590	BCL	mg/kg	<0.0041	--	<0.0044	--	<0.0041	<0.0043	<0.0043
	Benzidine	EPA 8270			mg/kg	0.68 UJ	--	<0.72 R	--	0.68 UJ	0.72 UJ	0.73 UJ
	Benzo(k)fluoranthene	EPA 8270	2	BCL	mg/kg	<0.072	--	0.077 UJ	--	<0.072	<0.076	<0.078
	Benzo(k)fluoranthene	EPA 8270-SIM	2	BCL	mg/kg	<0.0041	--	<0.0044	--	<0.0041	<0.0043	<0.0043
	Benzoic acid	EPA 8270	20	BCL	mg/kg	<0.35	--	<0.37 R	--	<0.35	<0.37	<0.38
	Benzyl alcohol	EPA 8270	0.476	RSL	mg/kg	<0.15	--	<0.16	--	<0.15	<0.16	<0.17
	4-Bromophenyl-phenyl ether	EPA 8270			mg/kg	<0.077	--	0.082 UJ	--	<0.077	<0.081	<0.083
	Butylbenzylphthalate	EPA 8270	810	BCL	mg/kg	<0.082	--	0.087 UJ	--	<0.083	<0.087	<0.089
	4-Chloroaniline	EPA 8270	0.03	BCL	mg/kg	<0.14	--	<0.15	--	<0.14	<0.14	<0.15
	2-Chloronaphthalene	EPA 8270	3.85	RSL	mg/kg	<0.069	--	<0.073	--	<0.069	<0.073	<0.074
	2-Chlorophenol	EPA 8270	0.2	BCL	mg/kg	<0.072	--	<0.077	--	<0.072	<0.076	<0.078
	4-Chlorophenyl-phenyl ether	EPA 8270			mg/kg	<0.087	--	0.093 UJ	--	<0.088	<0.092	<0.094
	Chrysene	EPA 8270	8	BCL	mg/kg	<0.077	--	0.082 UJ	--	<0.077	<0.081	<0.083
	Chrysene	EPA 8270-SIM	8	BCL	mg/kg	<0.0041	--	<0.0044	--	<0.0041	<0.0043	<0.0043
	Di-n-butylphthalate	EPA 8270	270	BCL	mg/kg	<0.092	--	0.098 UJ	--	<0.093	<0.098	<0.10
	Di-n-octylphthalate	EPA 8270	56.5	RSL	mg/kg	<0.092	--	0.098 UJ	--	<0.093	<0.098	<0.10
	Dibenz(a,h)anthracene	EPA 8270	0.08	BCL	mg/kg	<0.10	--	<0.11	--	<0.10	<0.11	<0.11
	Dibenz(a,h)anthracene	EPA 8270-SIM	0.08	BCL	mg/kg	<0.0041	--	<0.0044	--	<0.0041	<0.0043	<0.0043
	Dibenzofuran	EPA 8270	0.145	RSL	mg/kg	<0.069	--	0.073 UJ	--	<0.069	<0.073	<0.074
	3,3'-Dichlorobenzidine	EPA 8270	0.0003	BCL	mg/kg	<0.15	--	<0.16	--	<0.15	<0.16	<0.17
	2,4-Dichlorophenol	EPA 8270	0.05	BCL	mg/kg	<0.069	--	0.073 UJ	--	<0.069	<0.073	<0.074
	Diethylphthalate	EPA 8270	6.08	RSL	mg/kg	<0.098	--	0.10 UJ	--	<0.098	<0.10	<0.11
	2,4-Dimethylphenol	EPA 8270	0.4	BCL	mg/kg	<0.13	--	0.14 UJ	--	<0.13	<0.14	<0.14
	Dimethylphthalate	EPA 8270			mg/kg	<0.069	--	0.073 UJ	--	<0.069	<0.073	<0.074
	2,4-Dinitrophenol	EPA 8270	0.01	BCL	mg/kg	<0.34	--	0.36 UJ	--	0.34 UJ	0.36 UJ	0.37 UJ
	2,4-Dinitrotoluene	EPA 8270	0.00004	BCL	mg/kg	<0.082	--	0.087 UJ	--	<0.083	<0.087	<0.089
	2,6-Dinitrotoluene	EPA 8270	0.00003	BCL	mg/kg	<0.098	--	0.10 UJ	--	<0.098	<0.10	<0.11
	Fluoranthene	EPA 8270	210	BCL	mg/kg	<0.072	--	0.077 UJ	--	<0.072	<0.076	<0.078
	Fluoranthene	EPA 8270-SIM	210	BCL	mg/kg	<0.0041	--	<0.0044	--	<0.0041	<0.0043	<0.0043
	Fluorene	EPA 8270	28	BCL	mg/kg	<0.072	--	0.077 UJ	--	<0.072	<0.076	<0.078
	Fluorene	EPA 8270-SIM	28	BCL	mg/kg	<0.0041	--	<0.0044	--	<0.0041	<0.0043	<0.0043
	Hexachlorobenzene	EPA 8270	0.1	BCL	mg/kg	<0.072	--	0.077 UJ	--	<0.072	<0.076	<0.078
	Hexachlorocyclopentadiene	EPA 8270	20	BCL	mg/kg	<0.14	--	<0.15	--	0.14 UJ	0.14 UJ	0.15 UJ
	Hexachloroethane	EPA 8270	0.02	BCL	mg/kg	<0.14	--	<0.15	--	<0.14	<0.14	<0.15
	Isophorone	EPA 8270	0.03	BCL	mg/kg	<0.069	--	<0.073	--	<0.069	<0.073	<0.074
	1-Methylnaphthalene	EPA 8270	0.00584	RSL	mg/kg	<0.15	--	<0.16	--	<0.15	<0.16	<0.17
2-Methylnaphthalene	EPA 8270	0.185	RSL	mg/kg	<0.072	--	<0.077	--	<0.072	<0.076	<0.078	
2-Methylphenol	EPA 8270	0.8	BCL	mg/kg	<0.082	--	0.087 UJ	--	<0.083	<0.087	<0.089	
3&4-Methylphenol	EPA 8270			mg/kg	<0.14	--	0.15 UJ	--	<0.14	<0.14	<0.15	
Naphthalene	EPA 8270	4	BCL	mg/kg	<0.069	--	<0.073	--	<0.069	<0.073	<0.074	
Naphthalene	EPA 8270-SIM	4	BCL	mg/kg	<0.0041	--	<0.0044	--	<0.0041	<0.0043	<0.0043	
2-Nitroaniline	EPA 8270	0.0801	RSL	mg/kg	<0.069	--	<0.073	--	<0.069	<0.073	<0.074	
3-Nitroaniline	EPA 8270			mg/kg	<0.14	--	<0.15	--	<0.14	<0.14	<0.15	
4-Nitroaniline	EPA 8270	0.00158	RSL	mg/kg	<0.14	--	<0.15	--	<0.14	<0.14	<0.15	



**TABLE A-4. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 5**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-48				RISB-49		
			Level	Source		0.5-1 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs
						RISB-48-0.5-20141120	RISB-48-0.5-20141202	RISB-48-5.0-20141121	RISB-48-5.0-20141202	RISB-49-0.5-20141117	RISB-49-5.0-20141117	RISB-49-10.0-20141117
SVOCs	Nitrobenzene	EPA 8270	0.007	BCL	mg/kg	<0.072	--	<0.077	--	<0.072	<0.076	<0.078
	2-Nitrophenol	EPA 8270			mg/kg	<0.14	--	<0.15	--	<0.14	<0.14	<0.15
	4-Nitrophenol	EPA 8270			mg/kg	<0.14	--	<0.15	--	<0.14	<0.15	<0.16
	n-Nitrosodiphenylamine	EPA 8270	0.06	BCL	mg/kg	<0.082	--	0.087 UJ	--	<0.083	<0.087	<0.089
	Octachlorostyrene	EPA 8270			mg/kg	<2.4	--	<2.5	--	<2.4	<2.5	<2.6
	Pentachlorophenol	EPA 8270	0.001	BCL	mg/kg	<0.35	--	0.37 UJ	--	<0.35	<0.37	<0.38
	Phenol	EPA 8270	5	BCL	mg/kg	<0.092	--	<0.098	--	<0.093	<0.098	<0.10
	Pyrene	EPA 8270	210	BCL	mg/kg	<0.082	--	<0.087	--	<0.083	<0.087	<0.089
	Pyrene	EPA 8270-SIM	210	BCL	mg/kg	<0.0041	--	<0.0044	--	<0.0041	<0.0043	<0.0043
	Pyridine	EPA 8270			mg/kg	<0.15	--	<0.16	--	<0.15	<0.16	<0.17
	2,4,5-Trichlorophenol	EPA 8270	14	BCL	mg/kg	<0.13	--	0.14 UJ	--	<0.13	<0.14	<0.14
	2,4,6-Trichlorophenol	EPA 8270	0.008	BCL	mg/kg	<0.077	--	0.082 UJ	--	<0.077	<0.081	<0.083
	bis(2-Chloroethoxy)methane	EPA 8270	0.0135	RSL	mg/kg	<0.14	--	<0.15	--	<0.14	<0.14	<0.15
	bis(2-Chloroethyl) ether	EPA 8270	0.00002	BCL	mg/kg	<0.072	--	<0.077	--	<0.072	<0.076	<0.078
	bis(2-Ethylhexyl)phthalate	EPA 8270	180	BCL	mg/kg	<0.092	--	0.098 UJ	--	<0.093	<0.098	<0.10
4-Chloro-3-methylphenol	EPA 8270	1.71	RSL	mg/kg	<0.072	--	0.077 UJ	--	<0.072	<0.076	<0.078	
n-Nitroso-di-n-propylamine	EPA 8270	0.000002	BCL	mg/kg	<0.072	--	<0.077	--	<0.072	<0.076	<0.078	
Organo-chlorine Pesticides	Aldrin	EPA 8081	0.02	BCL	mg/kg	<0.0015	--	<0.0017	--	<0.0015	0.0016 UJ	0.0016 UJ
	alpha-BHC	EPA 8081	0.0266	BCL	mg/kg	<0.0015	--	<0.0017	--	<0.0015	0.0016 UJ	0.0016 UJ
	beta-BHC	EPA 8081	0.00545	BCL	mg/kg	<0.0015	--	<0.0017	--	<0.0015	0.0016 UJ	0.0016 UJ
	delta-BHC	EPA 8081	28.1	BCL	mg/kg	<0.0015	--	<0.0017	--	<0.0015	0.0016 UJ	0.0016 UJ
	gamma-BHC	EPA 8081	0.0005	BCL	mg/kg	<0.0015	--	<0.0017	--	<0.0015	0.0016 UJ	0.0016 UJ
	alpha-Chlordane	EPA 8081			mg/kg	<0.0020	--	<0.0022	--	<0.0020	0.0022 UJ	0.0021 UJ
	gamma-Chlordane	EPA 8081			mg/kg	<0.0015	--	<0.0017	--	<0.0015	0.0016 UJ	0.0016 UJ
	4,4'-DDD	EPA 8081	0.8	BCL	mg/kg	<0.0015	--	<0.0017	--	<0.0015	0.0016 UJ	0.0016 UJ
	2,4'-DDE	EPA 8081			mg/kg	<0.0015	--	<0.0017	--	<b>0.0035 J</b>	0.0016 UJ	0.0016 UJ
	4,4'-DDE	EPA 8081	3	BCL	mg/kg	<0.0015	--	<0.0017	--	<b>0.011 J</b>	0.0016 UJ	0.0016 UJ
	4,4'-DDT	EPA 8081	2	BCL	mg/kg	<b>0.0042 J</b>	--	<0.0017	--	<b>0.0045 J</b>	0.0016 UJ	0.0016 UJ
	Dieldrin	EPA 8081	0.0002	BCL	mg/kg	<0.0015	--	<0.0017	--	<0.0015	0.0016 UJ	0.0016 UJ
	Endosulfan I	EPA 8081			mg/kg	<0.0015	--	<0.0017	--	<0.0015	0.0016 UJ	0.0016 UJ
	Endosulfan II	EPA 8081			mg/kg	<0.0015	--	<0.0017	--	<0.0015	0.0016 UJ	0.0016 UJ
	Endosulfan sulfate	EPA 8081			mg/kg	<0.0020	--	<0.0022	--	<0.0020	0.0022 UJ	0.0021 UJ
	Endrin	EPA 8081	0.05	BCL	mg/kg	<0.0015	--	<0.0017	--	<0.0015	0.0016 UJ	0.0016 UJ
	Endrin aldehyde	EPA 8081			mg/kg	<0.0015	--	<0.0017	--	<0.0015	0.0016 UJ	0.0016 UJ
	Endrin ketone	EPA 8081			mg/kg	<0.0020	--	<0.0022	--	<0.0020	0.0022 UJ	0.0021 UJ
	Heptachlor	EPA 8081	1	BCL	mg/kg	<0.0020	--	<0.0022	--	<0.0020	0.0022 UJ	0.0021 UJ
	Heptachlor epoxide	EPA 8081	0.03	BCL	mg/kg	<0.0020	--	<0.0022	--	<0.0020	0.0022 UJ	0.0021 UJ
Methoxychlor	EPA 8081	8	BCL	mg/kg	<0.0015	--	<0.0017	--	<0.0015	0.0016 UJ	0.0016 UJ	
Toxaphene	EPA 8081	2	BCL	mg/kg	<0.051	--	<0.055	--	<0.050	0.054 UJ	0.054 UJ	
PAHs	Acenaphthylene	EPA 8270	0.0106	CAL	mg/kg	<0.072	--	0.077 UJ	--	<0.072	<0.076	<0.078
	Acenaphthylene	EPA 8270-SIM	0.0106	CAL	mg/kg	<0.0041	--	<0.0044	--	<0.0041	<0.0043	<0.0043
	Benzo(a)anthracene	EPA 8270	0.08	BCL	mg/kg	<0.072	--	0.077 UJ	--	<0.072	<0.076	<0.078
	Benzo(a)anthracene	EPA 8270-SIM	0.08	BCL	mg/kg	<0.0041	--	<0.0044	--	<0.0041	<0.0043	<0.0043
	Benzo(a)pyrene	EPA 8270	0.4	BCL	mg/kg	<0.069	--	0.073 UJ	--	<0.069	<0.073	<0.074
	Benzo(a)pyrene	EPA 8270-SIM	0.4	BCL	mg/kg	<0.0041	--	<0.0044	--	<0.0041	<0.0043	<0.0043
	Benzo(b)fluoranthene	EPA 8270	0.2	BCL	mg/kg	<0.072	--	0.077 UJ	--	<0.072	<0.076	<0.078
	Benzo(b)fluoranthene	EPA 8270-SIM	0.2	BCL	mg/kg	<0.0041	--	<0.0044	--	<0.0041	<0.0043	<0.0043
	Benzo(g,h,i)perylene	EPA 8270			mg/kg	<0.11	--	<0.12	--	<0.11	<0.12	<0.12
	Benzo(g,h,i)perylene	EPA 8270-SIM			mg/kg	<0.0041	--	<0.0044	--	<0.0041	<0.0043	<0.0043

**TABLE A-4. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 5**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-48				RISB-49		
			Level	Source		0.5-1 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs
						RISB-48-0.5-20141120	RISB-48-0.5-20141202	RISB-48-5.0-20141121	RISB-48-5.0-20141202	RISB-49-0.5-20141117	RISB-49-5.0-20141117	RISB-49-10.0-20141117
PAHs	Indeno(1,2,3-cd)pyrene	EPA 8270	0.7	BCL	mg/kg	<0.13	--	<0.14	--	0.13 UJ	0.14 UJ	0.14 UJ
	Indeno(1,2,3-cd)pyrene	EPA 8270-SIM	0.7	BCL	mg/kg	<0.0041	--	<0.0044	--	0.0041 UJ	0.0043 UJ	0.0043 UJ
	Phenanthrene	EPA 8270	0.0243	CAL	mg/kg	<0.069	--	0.073 UJ	--	<0.069	<0.073	<0.074
	Phenanthrene	EPA 8270-SIM	0.0243	CAL	mg/kg	<0.0041	--	<0.0044	--	<0.0041	<0.0043	<0.0043
PCBs	Aroclor-1260	EPA 8082	0.00549	RSL	mg/kg	<0.017	--	<0.019	--	<0.017	<0.018	<0.018
	PCB-001	EPA 1668A			pg/g	37	--	0.96 J	--	11 J	3.7 J	1.7 J
	PCB-002	EPA 1668A			pg/g	20	--	0.36 J	--	12 J	0.40 J	0.80 J
	PCB-003	EPA 1668A			pg/g	14 J	--	0.67 J	--	16 J	1.4 J	1.6 J
	PCB-004	EPA 1668A			pg/g	4.5 J	--	<3.8	--	9.3 J	2.1 J	<1.8
	PCB-005	EPA 1668A			pg/g	<2.2	--	<2.0	--	1.4 J	<1.3	<1.2
	PCB-006	EPA 1668A			pg/g	6.2 J	--	<2.0	--	9.1 J	<1.3	<1.2
	PCB-007	EPA 1668A			pg/g	<2.1	--	<1.9	--	<1.4	<1.3	<1.1
	PCB-008	EPA 1668A			pg/g	9.4 J	--	<1.9	--	16 J	<1.2	1.3 J
	PCB-009	EPA 1668A			pg/g	<2.4	--	<2.1	--	4.0 J	<1.4	<1.2
	PCB-010	EPA 1668A			pg/g	<2.0	--	<2.6	--	<0.95	<1.1	<1.0
	PCB-011	EPA 1668A			pg/g	9.4 J	--	5.3 J	--	12 J	3.9 J	6.0 J
	PCB-014	EPA 1668A			pg/g	<2.1	--	<1.8	--	<1.3	<1.2	<1.1
	PCB-015	EPA 1668A			pg/g	24	--	<2.5	--	57	2.9 J	8.1 J
	PCB-016	EPA 1668A			pg/g	1.1 J	--	<0.46	--	2.2 J	0.27 J	0.26 J
	PCB-017	EPA 1668A			pg/g	1.2 J	--	<0.37	--	2.2 J	0.27 J	0.39 J
	PCB-019	EPA 1668A			pg/g	0.38 J	--	<0.38	--	1.1 J	0.80 J	<0.15
	PCB-022	EPA 1668A			pg/g	1.5 J	--	<0.44	--	5.3 J	0.43 J	0.77 J
	PCB-023	EPA 1668A			pg/g	<0.74	--	<0.35	--	1.1 J	<0.21	<0.32
	PCB-024	EPA 1668A			pg/g	0.42 J	--	<0.30	--	1.1 J	<0.14	<0.10
	PCB-025	EPA 1668A			pg/g	1.1 J	--	<0.36	--	3.1 J	<0.22	0.52 J
	PCB-027	EPA 1668A			pg/g	0.39 J	--	<0.29	--	1.2 J	<0.13	0.11 J
	PCB-031	EPA 1668A			pg/g	3.5 J	--	1.1 J	--	12 J	0.96 J	1.9 J
	PCB-032	EPA 1668A			pg/g	0.59 J	--	<0.23	--	1.5 J	0.18 J	0.33 J
	PCB-034	EPA 1668A			pg/g	0.87 J	--	<0.39	--	1.8 J	<0.23	<0.35
	PCB-035	EPA 1668A			pg/g	5.9 J	--	<0.45	--	11 J	<0.27	1.6 J
	PCB-036	EPA 1668A			pg/g	1.7 J	--	<0.41	--	4.4 J	<0.25	0.84 J
	PCB-037	EPA 1668A			pg/g	10 J	--	1.5 J	--	26	2.0 J	7.0 J
	PCB-038	EPA 1668A			pg/g	1.5 J	--	<0.45	--	2.4 J	<0.27	<0.41
	PCB-039	EPA 1668A			pg/g	2.0 J	--	<0.40	--	8.6 J	<0.24	<0.36
	PCB-041	EPA 1668A			pg/g	0.89 J	--	<0.17	--	1.6 J	<0.15	<0.18
	PCB-042	EPA 1668A			pg/g	1.6 J	--	0.30 J	--	3.8 J	0.40 J	2.9 J
	PCB-043	EPA 1668A			pg/g	1.2 J	--	<0.17	--	2.3 J	<0.15	0.36 J
PCB-045	EPA 1668A			pg/g	0.92 J	--	<0.17	--	2.3 J	0.20 J	0.57 J	
PCB-046	EPA 1668A			pg/g	0.44 J	--	<0.17	--	0.91 J	<0.15	<0.18	
PCB-048	EPA 1668A			pg/g	1.2 J	--	0.30 J	--	2.5 J	0.19 J	0.54 J	
PCB-051	EPA 1668A			pg/g	0.91 J	--	0.35 J	--	1.4 J	0.18 J	0.31 J	
PCB-052	EPA 1668A			pg/g	6.5 J	--	1.7 J	--	32	2.8 J	20 J	
PCB-054	EPA 1668A			pg/g	<0.11	--	<0.16	--	0.31 J	0.56 J	<0.084	
PCB-055	EPA 1668A			pg/g	1.5 J	--	<0.30	--	3.0 J	<0.23	<0.84	
PCB-056	EPA 1668A			pg/g	5.7 J	--	0.81 J	--	18 J	1.5 J	19 J	
PCB-057	EPA 1668A			pg/g	1.2 J	--	<0.34	--	2.8 J	<0.26	<0.93	
PCB-058	EPA 1668A			pg/g	1.6 J	--	<0.33	--	3.7 J	<0.25	<0.92	
PCB-060	EPA 1668A			pg/g	2.0 J	--	<0.33	--	9.1 J	0.55 J	6.5 J	
PCB-063	EPA 1668A			pg/g	1.2 J	--	<0.31	--	3.7 J	<0.24	<0.87	

**TABLE A-4. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 5**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-48				RISB-49		
			Level	Source		0.5-1 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs
						RISB-48-0.5-20141120	RISB-48-0.5-20141202	RISB-48-5.0-20141121	RISB-48-5.0-20141202	RISB-49-0.5-20141117	RISB-49-5.0-20141117	RISB-49-10.0-20141117
PCBs	PCB-064	EPA 1668A			pg/g	2.3 J	--	0.59 J	--	8.7 J	0.66 J	6.7 J
	PCB-066	EPA 1668A			pg/g	11 J	--	1.9 J	--	36	4.1 J	61
	PCB-067	EPA 1668A			pg/g	1.6 J	--	<0.31	--	3.3 J	<0.24	<0.85
	PCB-068	EPA 1668A			pg/g	2.4 J	--	0.49 J	--	6.4 J	0.31 J	<0.85
	PCB-072	EPA 1668A			pg/g	3.3 J	--	0.45 J	--	6.9 J	0.45 J	<0.89
	PCB-073	EPA 1668A			pg/g	0.57 J	--	<0.11	--	1.3 J	<0.094	0.27 J
	PCB-077	EPA 1668A			pg/g	8.5	--	1.1 J	--	23	3.2 J	25
	PCB-078	EPA 1668A			pg/g	3.1 J	--	<0.38	--	4.8 J	<0.29	<1.0
	PCB-079	EPA 1668A			pg/g	6.4 J	--	1.4 J	--	16 J	0.43 J	2.3 J
	PCB-080	EPA 1668A			pg/g	3.4 J	--	0.92 J	--	6.8 J	0.31 J	<0.86
	PCB-081	EPA 1668A	61.8	RSL	pg/g	4.4	--	0.67 J	--	11	<0.35	<1.3
	PCB-082	EPA 1668A			pg/g	10 J	--	1.0 J	--	27	2.7 J	16 J
	PCB-083	EPA 1668A			pg/g	<4.7	--	<0.86	--	<11	<1.2	<3.5
	PCB-084	EPA 1668A			pg/g	5.1 J	--	<0.79	--	21	1.3 J	10 J
	PCB-089	EPA 1668A			pg/g	<4.0	--	<0.74	--	<9.2	<1.0	<3.0
	PCB-092	EPA 1668A			pg/g	7.2 J	--	1.3 J	--	25	1.7 J	15 J
	PCB-094	EPA 1668A			pg/g	<3.8	--	<0.71	--	<8.7	<0.95	<2.8
	PCB-095	EPA 1668A			pg/g	9.3 J	--	2.2 J	--	54	5.4 J	39
	PCB-096	EPA 1668A			pg/g	0.88 J	--	<0.20	--	1.6 J	<0.27	0.29 J
	PCB-099	EPA 1668A			pg/g	10 J	--	1.3 J	--	52	3.8 J	41
	PCB-103	EPA 1668A			pg/g	<3.4	--	<0.63	--	<7.8	<0.84	<2.5
	PCB-104	EPA 1668A			pg/g	0.80 J	--	<0.19	--	1.6 J	0.37 J	0.16 J
	PCB-105	EPA 1668A			pg/g	19	--	3.4	--	70	2.1	100
	PCB-106	EPA 1668A			pg/g	21	--	2.9 J	--	38	1.3 J	<2.2
	PCB-109	EPA 1668A			pg/g	12 J	--	1.8 J	--	32	2.1 J	12 J
	PCB-111	EPA 1668A			pg/g	7.0 J	--	0.98 J	--	14 J	<0.62	<1.9
	PCB-112	EPA 1668A			pg/g	<2.6	--	<0.48	--	<6.0	<0.65	<1.9
	PCB-114	EPA 1668A			pg/g	8.4	--	1.0 J	--	23	1.1 J	3.9
	PCB-118	EPA 1668A	1,010	RSL	pg/g	25	--	5.5	--	100	3.7	140
	PCB-120	EPA 1668A			pg/g	9.5 J	--	1.3 J	--	18 J	0.82 J	<2.0
	PCB-121	EPA 1668A			pg/g	3.3 J	--	0.49 J	--	7.0 J	<0.63	<1.9
	PCB-122	EPA 1668A			pg/g	3.2 J	--	<0.57	--	<7.0	<0.76	4.5 J
	PCB-123	EPA 1668A			pg/g	4.4	--	0.66 J	--	8.2	1.2 J	4.9
PCB-126	EPA 1668A	0.303	RSL	pg/g	9.2	--	1.5 J	--	17	1.5 J	4.2	
PCB-127	EPA 1668A			pg/g	8.0 J	--	1.2 J	--	15 J	<0.73	<2.2	
PCB-130	EPA 1668A			pg/g	15 J	--	4.9 J	--	21	4.3 J	14 J	
PCB-131	EPA 1668A			pg/g	4.9 J	--	<0.53	--	11 J	<0.76	<1.7	
PCB-132	EPA 1668A			pg/g	13 J	--	2.1 J	--	61	6.7 J	39	
PCB-133	EPA 1668A			pg/g	13 J	--	1.5 J	--	30	1.2 J	3.4 J	
PCB-136	EPA 1668A			pg/g	4.6 J	--	0.55 J	--	17 J	1.4 J	8.9 J	
PCB-137	EPA 1668A			pg/g	14 J	--	1.8 J	--	37	2.1 J	7.6 J	
PCB-141	EPA 1668A			pg/g	22	--	3.7 J	--	64	8.7 J	31	
PCB-142	EPA 1668A			pg/g	12 J	--	0.99 J	--	22	<0.69	<1.6	
PCB-144	EPA 1668A			pg/g	11 J	--	1.3 J	--	27	1.5 J	5.0 J	
PCB-145	EPA 1668A			pg/g	2.5 J	--	<0.33	--	5.4 J	<0.48	<1.1	
PCB-146	EPA 1668A			pg/g	38	--	6.3 J	--	95	5.6 J	22	
PCB-148	EPA 1668A			pg/g	10 J	--	1.3 J	--	23	1.1 J	2.2 J	
PCB-150	EPA 1668A			pg/g	4.6 J	--	0.41 J	--	11 J	0.48 J	<1.0	
PCB-152	EPA 1668A			pg/g	1.7 J	--	<0.33	--	4.0 J	<0.47	<1.1	

**TABLE A-4. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 5**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-48				RISB-49		
			Level	Source		0.5-1 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs
						RISB-48-0.5-20141120	RISB-48-0.5-20141202	RISB-48-5.0-20141121	RISB-48-5.0-20141202	RISB-49-0.5-20141117	RISB-49-5.0-20141117	RISB-49-10.0-20141117
PCBs	PCB-154	EPA 1668A			pg/g	14 J	--	1.6 J	--	30	1.4 J	3.5 J
	PCB-155	EPA 1668A			pg/g	3.7 J	--	0.53 J	--	11 J	0.69 J	<0.92
	PCB-158	EPA 1668A			pg/g	21	--	3.4 J	--	48	4.6 J	14 J
	PCB-159	EPA 1668A			pg/g	19 J	--	2.4 J	--	34	1.7 J	3.1 J
	PCB-160	EPA 1668A			pg/g	13 J	--	1.4 J	--	19 J	1.0 J	<1.3
	PCB-161	EPA 1668A			pg/g	13 J	--	2.0 J	--	17 J	1.1 J	1.4 J
	PCB-162	EPA 1668A			pg/g	19 J	--	2.4 J	--	33	1.6 J	1.6 J
	PCB-164	EPA 1668A			pg/g	25	--	4.2 J	--	52	4.0 J	13 J
	PCB-165	EPA 1668A			pg/g	6.9 J	--	0.88 J	--	15 J	0.59 J	<1.3
	PCB-167	EPA 1668A			pg/g	28	--	4.0	--	53	4.2	11
	PCB-169	EPA 1668A	1.65	RSL	pg/g	6.4	--	0.68 J	--	9.8	<0.57	<1.0
	PCB-170	EPA 1668A			pg/g	32	--	5.1 J	--	71	15 J	46
	PCB-172	EPA 1668A			pg/g	67	--	8.5 J	--	93	7.5 J	17 J
	PCB-174	EPA 1668A			pg/g	44	--	7.2 J	--	98	16 J	54
	PCB-175	EPA 1668A			pg/g	49	--	7.4 J	--	95	4.6 J	8.6 J
	PCB-176	EPA 1668A			pg/g	26	--	3.1 J	--	56	3.0 J	7.1 J
	PCB-177	EPA 1668A			pg/g	26	--	3.8 J	--	40	9.0 J	31
	PCB-178	EPA 1668A			pg/g	34	--	4.6 J	--	69	4.7 J	14 J
	PCB-179	EPA 1668A			pg/g	21	--	3.0 J	--	51	4.4 J	20 J
	PCB-181	EPA 1668A			pg/g	20	--	2.7 J	--	28	1.2 J	2.6 J
	PCB-182	EPA 1668A			pg/g	33	--	4.5 J	--	59	2.6 J	5.1 J
	PCB-183	EPA 1668A			pg/g	51	--	8.0 J	--	110	9.1 J	22
	PCB-184	EPA 1668A			pg/g	46	--	5.9 J	--	96	4.4 J	7.8 J
	PCB-185	EPA 1668A			pg/g	21	--	3.4 J	--	40	2.8 J	9.1 J
	PCB-186	EPA 1668A			pg/g	7.3 J	--	0.79 J	--	14 J	0.68 J	1.1 J
	PCB-187	EPA 1668A			pg/g	49	--	8.9 J	--	110	17 J	61
	PCB-188	EPA 1668A			pg/g	24	--	3.3 J	--	51	2.7 J	4.2 J
	PCB-189	EPA 1668A			pg/g	51	--	5.1	--	81	3.3	8.3
	PCB-190	EPA 1668A			pg/g	28	--	3.2 J	--	43	5.3 J	17 J
	PCB-191	EPA 1668A			pg/g	28	--	2.9 J	--	38	1.8 J	4.4 J
	PCB-192	EPA 1668A			pg/g	19 J	--	2.4 J	--	27	1.4 J	2.5 J
	PCB-194	EPA 1668A			pg/g	90	--	11 J	--	140	15 J	35
	PCB-195	EPA 1668A			pg/g	37	--	5.0 J	--	73	5.9 J	14 J
	PCB-196	EPA 1668A			pg/g	190	--	23	--	330	19 J	36
	PCB-197	EPA 1668A			pg/g	130	--	17 J	--	260	11 J	19 J
	PCB-200	EPA 1668A			pg/g	64	--	7.6 J	--	100	6.0 J	13 J
	PCB-201	EPA 1668A			pg/g	150	--	21 J	--	310	14 J	25
	PCB-202	EPA 1668A			pg/g	50	--	7.0 J	--	100	6.4 J	17 J
	PCB-203	EPA 1668A			pg/g	100	--	13 J	--	160	15 J	36
	PCB-204	EPA 1668A			pg/g	98	--	13 J	--	190	8.2 J	14 J
	PCB-205	EPA 1668A			pg/g	87	--	9.5 J	--	130	7.5 J	14 J
	PCB-206	EPA 1668A			pg/g	760	--	84	--	1,200	66	140
	PCB-207	EPA 1668A			pg/g	1,000	--	130	--	1,900	83	150
	PCB-208	EPA 1668A			pg/g	670	--	79	--	1,100	55	100
	PCB-209	EPA 1668A			pg/g	9,100 J	--	1,000	--	15,000 J	710	1,300
	PCBs 107+124	EPA 1668A			pg/g	12 J	--	1.5 J	--	22 J	1.4 J	6.5 J
	PCBs 110+115	EPA 1668A			pg/g	46	--	7.9 J	--	180	17 J	130
	PCBs 12+13	EPA 1668A			pg/g	11 J	--	<2.1	--	23 J	<1.4	3.1 J
	PCBs 128+166	EPA 1668A			pg/g	21 J	--	3.4 J	--	62	7.9 J	33 J

**TABLE A-4. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 5**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-48				RISB-49		
			Level	Source		0.5-1 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs
						RISB-48-0.5-20141120	RISB-48-0.5-20141202	RISB-48-5.0-20141121	RISB-48-5.0-20141202	RISB-49-0.5-20141117	RISB-49-5.0-20141117	RISB-49-10.0-20141117
PCBs	PCBs 129+138+163	EPA 1668A			pg/g	62	--	12 J	--	240	37 J	170
	PCBs 134+143	EPA 1668A			pg/g	8.1 J	--	0.96 J	--	23 J	1.2 J	6.6 J
	PCBs 135+151	EPA 1668A			pg/g	23 J	--	3.4 J	--	72	6.5 J	41 J
	PCBs 139+140	EPA 1668A			pg/g	13 J	--	1.4 J	--	33 J	1.2 J	3.0 J
	PCBs 147+149	EPA 1668A			pg/g	32 J	--	5.3 J	--	130	14 J	89
	PCBs 153+168	EPA 1668A			pg/g	44	--	8.6 J	--	170	23 J	110
	PCBs 156+157	EPA 1668A			pg/g	33	--	5.3	--	73	9.7	35
	PCBs 171+173	EPA 1668A			pg/g	36 J	--	3.1 J	--	64	5.0 J	10 J
	PCBs 18+30	EPA 1668A			pg/g	1.8 J	--	0.68 J	--	5.3 J	0.58 J	0.97 J
	PCBs 180+193	EPA 1668A			pg/g	130	--	19 J	--	250	39 J	95
	PCBs 198+199	EPA 1668A			pg/g	220	--	29 J	--	400	28 J	68
	PCBs 20+28	EPA 1668A			pg/g	4.9 J	--	1.3 J	--	13 J	1.2 J	3.4 J
	PCBs 21+33	EPA 1668A			pg/g	4.7 J	--	0.71 J	--	9.2 J	0.68 J	1.1 J
	PCBs 26+29	EPA 1668A			pg/g	2.4 J	--	<0.39	--	5.8 J	0.36 J	0.56 J
	PCBs 40+71	EPA 1668A			pg/g	8.1 J	--	1.2 J	--	19 J	1.3 J	6.0 J
	PCBs 44+47+65	EPA 1668A			pg/g	7.9 J	--	1.6 J	--	24 J	2.8 J	14 J
	PCBs 49+69	EPA 1668A			pg/g	3.8 J	--	0.60 J	--	12 J	1.1 J	9.6 J
	PCBs 50+53	EPA 1668A			pg/g	1.3 J	--	0.25 J	--	3.3 J	0.31 J	0.94 J
	PCBs 59+62+75	EPA 1668A			pg/g	4.6 J	--	0.51 J	--	9.7 J	0.64 J	2.0 J
	PCBs 61+70+74+76	EPA 1668A			pg/g	16 J	--	1.8 J	--	59 J	3.7 J	41 J
PCBs 85+116+117	EPA 1668A			pg/g	19 J	--	2.3 J	--	51 J	3.8 J	25 J	
PCBs 86+87+97+108+119+125	EPA 1668A			pg/g	36 J	--	5.4 J	--	120	9.7 J	73 J	
PCBs 88+91	EPA 1668A			pg/g	5.9 J	--	<0.66	--	16 J	<0.89	5.5 J	
PCBs 90+101+113	EPA 1668A			pg/g	26 J	--	4.6 J	--	110	9.7 J	73	
PCBs 93+100	EPA 1668A			pg/g	<3.6	--	<0.67	--	11 J	<0.89	<2.7	
PCBs 98+102	EPA 1668A			pg/g	<3.3	--	<0.61	--	8.7 J	<0.82	<2.4	
Dioxins/Furans	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	EPA 8290			pg/g	85	--	6.8	--	140	6.8	13
	1,2,3,4,6,7,8-Heptachlorodibenzofuran	EPA 8290			pg/g	1,100	--	89	--	1,700	83	170
	1,2,3,4,7,8,9-Heptachlorodibenzofuran	EPA 8290			pg/g	390	--	30	--	630	28	57
	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	EPA 8290			pg/g	8.9	--	0.79 J	--	16	0.93 J	1.8 J
	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	EPA 8290			pg/g	21	--	1.9 J	--	32	1.7 J	4.1 J
	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	EPA 8290			pg/g	21	--	2.1 J	--	31	2.1 J	4.5 J
	1,2,3,4,7,8-Hexachlorodibenzofuran	EPA 8290			pg/g	270	--	42	--	690	32	69
	1,2,3,6,7,8-Hexachlorodibenzofuran	EPA 8290			pg/g	280	--	25	--	390	18	39
	1,2,3,7,8,9-Hexachlorodibenzofuran	EPA 8290			pg/g	<31	--	<3.2	--	38 J	2.5 J	5.4
	2,3,4,6,7,8-Hexachlorodibenzofuran	EPA 8290			pg/g	62	--	7.1	--	73	3.9 J	7.6
	HpCDD (total)	EPA 8290			pg/g	130	--	11	--	210	10	20
	HpCDF (total)	EPA 8290			pg/g	2,300	--	180	--	3,300	160	320
	HxCDD (total)	EPA 8290			pg/g	150	--	13	--	240	13	29
	HxCDF (total)	EPA 8290			pg/g	1,700	--	180	--	2,700	140	290

**TABLE A-4. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 5**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-48				RISB-49		
			Level	Source		0.5-1 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs
						RISB-48-0.5-20141120	RISB-48-0.5-20141202	RISB-48-5.0-20141121	RISB-48-5.0-20141202	RISB-49-0.5-20141117	RISB-49-5.0-20141117	RISB-49-10.0-20141117
<b>Dioxins/Furans</b>	1,2,3,4,5,6,7,8-Octachlorodibenzo-p-dioxin	EPA 8290			pg/g	92	--	8.1 J	--	150	9.8 J	16
	1,2,3,4,5,6,7,8-Octachlorodibenzofuran	EPA 8290			pg/g	2,800	--	210	--	3,600	170	420
	PeCDD (total)	EPA 8290			pg/g	130	--	14	--	230	7.8	21
	PeCDF (total)	EPA 8290			pg/g	1,600	--	170	--	3,100	120	220
	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	EPA 8290			pg/g	12	--	1.3 J	--	19	0.90 J	2.1 J
	1,2,3,7,8-Pentachlorodibenzofuran	EPA 8290			pg/g	190	--	18	--	320	14	25
	2,3,4,7,8-Pentachlorodibenzofuran	EPA 8290			pg/g	87	--	8.8	--	160	7.4	12
	TCDD (total)	EPA 8290			pg/g	97	--	12	--	200	6.4	14
	TCDF (total)	EPA 8290			pg/g	1,000	--	130	--	2,200	75	130
	2,3,7,8-Tetrachlorodibenzo-p-dioxin	EPA 8290	15	RSL	pg/g	2.8	--	0.34 J	--	5.1	0.24 J	0.35 J
	2,3,7,8-Tetrachlorodibenzofuran	EPA 8290			pg/g	78	--	8.7	--	140	5.6	11
	Total PCB TEQs (calculated by TAS)	EPA 8280A			pg/g	1.1	--	0.17	--	2.0	0.16	0.45
Total TEQ (Calculated)	EPA 8280A			pg/g	140	--	15	--	250	12	24	
<b>Organic Acids</b>	Phthalic acid	EPA 8270			µg/kg	<1,300	--	<1,400	--	<1,300	<1,400	<1,400
<b>Radionuclides</b>	Radium-226	EPA 903.0	0.006	BCL	pCi/g	1.17	--	0.840	--	1.09 J	1.29 J	1.41 J
	Radium-228	EPA 904.0	0.006	BCL	pCi/g	1.25	--	1.04	--	1.36 J	1.76 J	1.72 J
	Thorium-228	DOE A-01-R	0.0027	BCL	pCi/g	1.45	--	1.73	--	1.40	1.32	1.37
	Thorium-230	DOE A-01-R	0.001	BCL	pCi/g	0.981	--	1.04	--	1.07	1.03	0.903
	Thorium-232	DOE A-01-R	0.0035	BCL	pCi/g	1.66	--	1.51	--	1.24	1.47	1.24
	Uranium-233/234	DOE A-01-R			pCi/g	0.805	--	0.980	--	0.863	0.931	1.12
	Uranium-235/236	DOE A-01-R			pCi/g	0.0667	--	0.0396	--	<0.0916	<0.0724	<0.0927
	Uranium-238	DOE A-01-R			pCi/g	1.04	--	1.00	--	1.04	0.768	1.11
Uranium-238	EPA 6020	13.5	BCL	mg/kg	1.1	--	0.99	--	0.93	0.89	1.5	
<b>Total Petroleum Hydrocarbons</b>	Diesel Range Organics (C10-C28)	EPA 8015			mg/kg	5.3	--	<2.7	--	<2.5	<2.7	<2.7
	EFH (C10-C40)	EPA 8015			mg/kg	18	--	4.3 J	--	7.0	<2.7	<2.7
	Gasoline Range Organics (C6-C10)	EPA 8015			µg/kg	<150	<140	150 UJ	<160	<140	<170	<150
	Petroleum Hydrocarbons (C29-C40)	EPA 8015			mg/kg	12	--	<2.7	--	<2.5	<2.7	<2.7
<b>General Chemistry</b>	Alkalinity (as CaCO3)	SM 2320			mg/kg	19,000	--	27,000	--	32,000	16,000	41,000
	Ammonia (as NH3)	SM 4500			mg/kg	<2.5	--	<2.6	--	2.7 J	2.6 J	<2.6
	Bicarbonate as HCO3	SM 2320			mg/kg	21,000	--	33,000	--	37,000	18,000	47,000
	Bromide	EPA 300			mg/kg	<3.6	--	<3.9	--	<3.6	<3.8	<3.8
	Carbonate (CO3)	SM 2320			mg/kg	910	--	<330	--	910	970	1,300
	Chloride	EPA 300			mg/kg	110	--	1,100	--	200	600	220
	Hydroxide	SM 2320			mg/kg	<170	--	<190	--	<170	<180	<180
	Nitrate (as NO3)	EPA 300			mg/kg	20	--	40 J	--	43	32	16
	Nitrate/Nitrite	EPA 300			mg/kg	4.6	--	9.0	--	9.7	7.3	3.7
	Nitrite	EPA 300			mg/kg	<1.1	--	<1.2	--	<1.1	<1.2	<1.2
	ortho-Phosphate (total) (as PO4)	EPA 300			mg/kg	<4.2	--	<4.4	--	4.1 UJ	4.3 UJ	4.3 UJ
	Phosphorus (total)	EPA 6010	0.00148	RSL	mg/kg	1,100	--	1,000 J	--	970	1,400	1,200
Silicon	EPA 6010			mg/kg	120 J	--	100 J	--	120 J	100 J	110 J	

**TABLE A-4. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 5**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-48				RISB-49		
			Level	Source		0.5-1 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs
						RISB-48-0.5-20141120	RISB-48-0.5-20141202	RISB-48-5.0-20141121	RISB-48-5.0-20141202	RISB-49-0.5-20141117	RISB-49-5.0-20141117	RISB-49-10.0-20141117
General Chemistry	Sulfate	EPA 300			mg/kg	130	--	330	--	290	150	260
	Sulfur	EPA 6020			mg/kg	360 UJ	--	1,000 J	--	1,800 J	1,200 J	1,400 J
	pH	EPA 9045			s.u.	--	--	--	--	--	--	--

**Notes:**

ft bgs: feet below ground surface

FD: Field Duplicate

Above Screening Level

**bold value:** detection

Soil screening levels were selected according to the following hierarchy of criteria:

1. Basic Comparison Level (BCL): Leaching-based basic comparison levels (LBCL) with dilution attenuation factor (DAF) of 1 in the most recent version of Nevada Division of Environmental Protection (NDEP) documents (February 2015).
2. Regional Screening Level (RSL): United States Environmental Protection Agency (USEPA) Regional Screening Levels (RSL) for groundwater protection (June 2015), with the maximum contaminant level (MCL) based screening levels selected over the risk-based screening levels, if available (USEPA 2015)
3. Calculated Criteria (CAL): Generic leaching-based BCLs (LBCLs) calculated using the approach presented in NDEP guidance (NDEP 2015).

**Sources:**

NDEP, 2015. User's Guide and Background Technical Document for NDEP Basic Comparison Levels (BCLs) for Human Health for the BMI Complex and Common Areas. Revision 13, February.

USEPA, 2015. Regional Screening Levels (RSL) for Chemical Contaminants at Superfund Sites. June.



**TABLE A-5. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 6**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-50			RISB-51				RISB-52		
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs
						RISB-50-0.5-20141029	RISB-50-5.0-20141029	RISB-50-10.0-20141029	RISB-51-0.5-20141030	RISB-51-5.0-20141030	RISB-51-5.0-20141030-FD	RISB-51-10.0-20141030	RISB-52-0.5-20141030	RISB-52-5.0-20141030	RISB-52-10.0-20141030
Organo-chlorine Pesticides	Aldrin	EPA 8081	0.02	BCL	mg/kg	<0.015	<0.0016	<0.0016	<0.0077	<0.0016	0.0016 UJ	<0.0016	<0.0076	<0.0016	<0.0016
	alpha-BHC	EPA 8081	0.0266	BCL	mg/kg	<0.015	<0.0016	<0.0016	<0.0077	<0.0016	0.0016 UJ	<0.0016	<0.0076	<0.0016	<0.0016
	beta-BHC	EPA 8081	0.00545	BCL	mg/kg	<0.015	<0.0016	<0.0016	<0.0077	<0.0016	0.0016 UJ	<0.0016	<0.0076	<0.0016	<0.0016
	delta-BHC	EPA 8081	28.1	BCL	mg/kg	<0.015	<0.0016	<0.0016	<0.0077	<0.0016	0.0016 UJ	<0.0016	<0.0076	<0.0016	<0.0016
	gamma-BHC	EPA 8081	0.0005	BCL	mg/kg	<0.015	<0.0016	<0.0016	<0.0077	<0.0016	0.0016 UJ	<0.0016	<0.0076	<0.0016	<0.0016
	alpha-Chlordane	EPA 8081			mg/kg	<0.020	<0.0021	<0.0021	<0.010	<0.0022	0.0022 UJ	<0.0022	<0.010	<0.0021	<0.0021
	gamma-Chlordane	EPA 8081			mg/kg	<0.015	<0.0016	<0.0016	<0.0077 R	<0.0016	0.0016 UJ	<0.0016	<0.0076	<0.0016	<0.0016
	4,4'-DDD	EPA 8081	0.8	BCL	mg/kg	<0.015	<0.0016	<0.0016	<0.0077 R	<0.0016	0.0016 UJ	<0.0016	<0.0076	<0.0016	<0.0016
	2,4'-DDE	EPA 8081			mg/kg	<0.015	<0.0016	<0.0016	<b>0.058 J</b>	<0.0016	0.0016 UJ	<0.0016	<b>0.088 J</b>	<0.0016	<0.0016
	4,4'-DDE	EPA 8081	3	BCL	mg/kg	<b>0.14</b>	<b>0.0084 J</b>	<0.0016	<b>0.17 J</b>	<0.0016	0.0016 UJ	<0.0016	<b>0.18 J</b>	<0.0016	<0.0016
	4,4'-DDT	EPA 8081	2	BCL	mg/kg	<b>0.19</b>	<b>0.011 J</b>	<0.0016	<b>0.025 J</b>	<0.0016	0.0016 UJ	<0.0016	<b>0.069 J</b>	<0.0016	<0.0016
	Dieldrin	EPA 8081	0.0002	BCL	mg/kg	<0.015	<0.0016	<0.0016	<0.0077	<0.0016	0.0016 UJ	<0.0016	<0.0076	<0.0016	<0.0016
	Endosulfan I	EPA 8081			mg/kg	<0.015	<0.0016	<0.0016	<0.0077	<0.0016	0.0016 UJ	<0.0016	<0.0076	<0.0016	<0.0016
	Endosulfan II	EPA 8081			mg/kg	<0.015	<0.0016	<0.0016	<0.0077	<0.0016	0.0016 UJ	<0.0016	<0.0076	<0.0016	<0.0016
	Endosulfan sulfate	EPA 8081			mg/kg	<0.020	<0.0021	<0.0021	<0.010	<0.0022	0.0022 UJ	<0.0022	<0.010	<0.0021	<0.0021
	Endrin	EPA 8081	0.05	BCL	mg/kg	<0.015	<0.0016	<0.0016	<0.0077	<0.0016	0.0016 UJ	<0.0016	<0.0076	<0.0016	<0.0016
	Endrin aldehyde	EPA 8081			mg/kg	<0.015	<0.0016	<0.0016	<0.0077	<0.0016	0.0016 UJ	<0.0016	<0.0076	<0.0016	<0.0016
	Endrin ketone	EPA 8081			mg/kg	<0.020	<0.0021	<0.0021	<0.010	<0.0022	0.0022 UJ	<0.0022	<0.010	<0.0021	<0.0021
	Heptachlor	EPA 8081	1	BCL	mg/kg	<0.020	<0.0021	<0.0021	<0.010 R	<0.0022	0.0022 UJ	<0.0022	<0.010	<0.0021	<0.0021
Heptachlor epoxide	EPA 8081	0.03	BCL	mg/kg	<0.020	<0.0021	<0.0021	<0.010 R	<0.0022	0.0022 UJ	<0.0022	<0.010	<0.0021	<0.0021	
Methoxychlor	EPA 8081	8	BCL	mg/kg	<0.015	<0.0016	<0.0016	<0.0077	<0.0016	0.0016 UJ	<0.0016	<0.0076	<0.0016	<0.0016	
Toxaphene	EPA 8081	2	BCL	mg/kg	<0.50	<0.053	<0.053	<0.26	<0.054	0.054 UJ	<0.054	<0.25	<0.052	<0.053	
Dioxins/Furans	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	EPA 8290			pg/g	<b>12,000 J</b>	<b>54</b>	<b>1.7 J</b>	<b>3,500</b>	<b>240 J</b>	<b>0.26 J</b>	<b>0.24 J</b>	<b>2,000</b>	<b>9.7</b>	<b>0.82 J</b>
	1,2,3,4,6,7,8-Heptachlorodibenzofuran	EPA 8290			pg/g	<b>42,000 J</b>	<b>910</b>	<b>20</b>	<b>18,000</b>	<b>2,700 J</b>	<b>1.5 J</b>	<b>0.99 J</b>	<b>28,000 J</b>	<b>130</b>	<b>5.2 J</b>
	1,2,3,4,7,8,9-Heptachlorodibenzofuran	EPA 8290			pg/g	<b>40,000 J</b>	<b>380</b>	<12	<b>7,000</b>	<b>1,100 J</b>	<b>0.72 J</b>	<b>0.44 J</b>	<b>11,000</b>	<b>51</b>	<b>1.2 J</b>
	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	EPA 8290			pg/g	<b>1,700</b>	<b>6.1</b>	<0.92	<b>340</b>	<b>28 J</b>	0.041 UJ	0.040 UJ	<b>250</b>	<b>1.2 J</b>	0.36 UJ
	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	EPA 8290			pg/g	<b>2,900 J</b>	<b>12</b>	<0.70	<b>1,100</b>	<b>60 J</b>	<b>0.19 J</b>	<b>0.18 J</b>	<b>490</b>	<b>2.7 J</b>	<0.31
	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	EPA 8290			pg/g	<b>3,300 J</b>	<b>17</b>	<0.71	<b>1,000</b>	<b>59 J</b>	<b>0.27 J</b>	<b>0.30 J</b>	<b>490</b>	<b>2.8 J</b>	<0.29
	1,2,3,4,7,8-Hexachlorodibenzofuran	EPA 8290			pg/g	<b>47,000 J</b>	<b>310</b>	<b>9.2</b>	<b>10,000</b>	<b>1,200 J</b>	<b>0.75 J</b>	<b>0.41 J</b>	<b>12,000</b>	<b>58</b>	<b>2.4 J</b>
	1,2,3,6,7,8-Hexachlorodibenzofuran	EPA 8290			pg/g	<b>24,000 J</b>	<b>180</b>	<b>5.2 J</b>	<b>5,200</b>	<b>660 J</b>	<b>0.43 J</b>	<b>0.30 J</b>	<b>7,100</b>	<b>27</b>	<1.6
	1,2,3,7,8,9-Hexachlorodibenzofuran	EPA 8290			pg/g	<b>5,300 J</b>	<b>23</b>	<3.4	<b>680</b>	<b>110 J</b>	<b>0.11 J</b>	<b>0.16 J</b>	<b>1,100</b>	<b>3.6 J</b>	<1.8
	2,3,4,6,7,8-Hexachlorodibenzofuran	EPA 8290			pg/g	<b>5,100 J</b>	<b>52</b>	<2.9	<b>1,200</b>	<b>140 J</b>	<b>0.13 J</b>	<0.054	<b>1,600</b>	<b>7.7</b>	<1.8
	HpCDD (total)	EPA 8290			pg/g	<b>18,000 J</b>	<b>82</b>	<b>2.6 J</b>	<b>5,500</b>	<b>360 J</b>	<b>0.55 J</b>	<b>0.45 J</b>	<b>3,000</b>	<b>15</b>	<b>0.82 J</b>
	HpCDF (total)	EPA 8290			pg/g	<b>140,000 J</b>	<b>1,900</b>	<b>20</b>	<b>37,000</b>	<b>5,600 J</b>	<b>2.9 J</b>	<b>1.9 J</b>	<b>57,000 J</b>	<b>260</b>	<b>8.6</b>
	HxCDD (total)	EPA 8290			pg/g	<b>22,000 J</b>	<b>97</b>	<0.92	<b>8,000</b>	<b>420 J</b>	<b>0.70 J</b>	<b>0.77 J</b>	<b>3,600</b>	<b>17</b>	<0.36
	HxCDF (total)	EPA 8290			pg/g	<b>210,000 J</b>	<b>1,500</b>	<b>21</b>	<b>35,000</b>	<b>4,900 J</b>	<b>2.9 J</b>	<b>1.3 J</b>	<b>53,000</b>	<b>220</b>	<b>2.4 J</b>
	1,2,3,4,5,6,7,8-Octachlorodibenzo-p-dioxin	EPA 8290			pg/g	<b>9,500 J</b>	<b>69</b>	<b>1.5 J</b>	<b>3,100</b>	<b>250 J</b>	<b>1.0 J</b>	<b>1.2 J</b>	<b>2,100</b>	<b>11</b>	<b>3.0 J</b>
	1,2,3,4,5,6,7,8-Octachlorodibenzofuran	EPA 8290			pg/g	<b>130,000 J</b>	<b>2,300</b>	<b>46</b>	<b>59,000 J</b>	<b>8,200 J</b>	<b>5.0 J</b>	<b>3.3 J</b>	<b>82,000 J</b>	<b>340</b>	<b>13</b>
	PeCDD (total)	EPA 8290			pg/g	<b>18,000 J</b>	<b>82</b>	<0.86	<b>6,300</b>	<b>350 J</b>	<b>0.13 J</b>	<b>0.089 J</b>	<b>3,100</b>	<b>12</b>	<0.22
	PeCDF (total)	EPA 8290			pg/g	<b>180,000 J</b>	<b>1,100</b>	<b>24</b>	<b>34,000</b>	<b>3,500 J</b>	<b>1.5 J</b>	<b>0.53 J</b>	<b>38,000</b>	<b>150</b>	<b>1.7 J</b>

**TABLE A-5. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 6**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-50			RISB-51				RISB-52		
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs
						RISB-50-0.5-20141029	RISB-50-5.0-20141029	RISB-50-10.0-20141029	RISB-51-0.5-20141030	RISB-51-5.0-20141030	RISB-51-5.0-20141030-FD	RISB-51-10.0-20141030	RISB-52-0.5-20141030	RISB-52-5.0-20141030	RISB-52-10.0-20141030
Dioxins/Furans	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	EPA 8290			pg/g	<b>1,800</b>	<b>8.3</b>	<0.86	<b>540</b>	<b>35 J</b>	0.068 UJ	<0.070	<b>300</b>	<b>1.4 J</b>	<0.22
	1,2,3,7,8-Pentachlorodibenzofuran	EPA 8290			pg/g	<b>22,000 J</b>	<b>130</b>	<b>3.2 J</b>	<b>5,100</b>	<b>500 J</b>	<b>0.38 J</b>	<0.068	<b>4,900</b>	<b>21</b>	<0.41
	2,3,4,7,8-Pentachlorodibenzofuran	EPA 8290			pg/g	<b>13,000 J</b>	<b>72</b>	<b>1.8 J</b>	<b>2,400</b>	<b>260 J</b>	<b>0.14 J</b>	<0.071	<b>2,500</b>	<b>10</b>	<0.43
	TCDD (total)	EPA 8290			pg/g	<b>14,000 J</b>	<b>72</b>	<b>0.93 J</b>	<b>4,400</b>	<b>290 J</b>	<b>0.26 J</b>	<b>0.24 J</b>	<b>2,800</b>	<b>11</b>	<b>0.32 J</b>
	TCDF (total)	EPA 8290			pg/g	<b>140,000 J</b>	<b>790</b>	<b>23</b>	<b>32,000 J</b>	<b>2,800 J</b>	<b>2.0 J</b>	<b>1.1</b>	<b>29,000 J</b>	<b>110</b>	<b>4.3</b>
	2,3,7,8-Tetrachlorodibenzo-p-dioxin	EPA 8290	15	RSL	pg/g	<b>490 J</b>	<b>3.0</b>	<0.48	<b>130</b>	<b>11 J</b>	0.051 UJ	<0.048	<b>96</b>	<b>0.44 J</b>	<0.073
	2,3,7,8-Tetrachlorodibenzofuran	EPA 8290			pg/g	<b>25,000 J</b>	<b>69</b>	<b>1.0 J</b>	<b>2,500</b>	<b>300 J</b>	<b>0.44 J</b>	<b>0.24 J</b>	<b>2,200</b>	<b>9.1</b>	<b>1.0 J</b>
	Total TEQ (Calculated)	EPA 8280A			pg/g	<b>19,000</b>	<b>120</b>	<b>3.6</b>	<b>4,000</b>	<b>440</b>	<b>0.37</b>	<b>0.25</b>	<b>4,300</b>	<b>19</b>	<b>0.94</b>

**Notes:**

ft bgs: feet below ground surface

FD: Field Duplicate

Above Screening Level

bold value: detection

Soil screening levels were selected according to the following hierarchy of criteria:

1. Basic Comparison Level (BCL): Leaching-based basic comparison levels (LBCL) with dilution attenuation factor (DAF) of 1 in the most recent version of Nevada Division of Environmental Protection (NDEP) documents (February 2015).
2. Regional Screening Level (RSL): United States Environmental Protection Agency (USEPA) Regional Screening Levels (RSL) for groundwater protection (June 2015), with the maximum contaminant level (MCL) based screening levels selected over the risk-based screening levels, if available (USEPA 2015)
3. Calculated Criteria (CAL): Generic leaching-based BCLs (LBCLs) calculated using the approach presented in NDEP guidance (NDEP 2015).

**Sources:**

NDEP, 2015. User's Guide and Background Technical Document for NDEP Basic

Comparison Levels (BCLs) for Human Health for the BMI Complex and

Common Areas. Revision 13, February.

USEPA, 2015. Regional Screening Levels (RSL) for Chemical Contaminants at Superfund

Sites. June.

**TABLE A-6a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 8**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	M-161D						M-162D						
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	34-34.5 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	21-21.5 ft bgs	30-30.5 ft bgs
						M-161D-0.5-20141203	M-161D-5.0-20141203	M-161D-10.0-20141203	M-161D-10.0-20141203-FD	M-161D-15.0-20141203	M-161D-20.0-20141203	M-161D-34.0-20141203	M-162D-0.5-20141209	M-162D-5.0-20141209	M-162D-10.0-20141209	M-162D-15.0-20141209	M-162D-21.0-20141209	M-162D-30.0-20141210
Chlorates	Chlorate	EPA 300.1	1.03	BCL	mg/kg	6.0	6.7	--	--	--	--	--	1.6	9.2	--	--	--	
	Perchlorate	EPA 314.0	0.0185	BCL	mg/kg	23	53	--	--	--	--	--	6.8	22	--	--	--	
Common Metals	Aluminum	EPA 6010	75	BCL	mg/kg	8,000	9,100	--	--	--	--	--	7,700	9,200	--	--	--	
	Antimony	EPA 6020	0.3	BCL	mg/kg	<0.50	<0.54	--	--	--	--	--	0.52 UJ	0.54 UJ	--	--	--	
	Arsenic	EPA 6020	1	BCL	mg/kg	2.4	3.4	--	--	--	--	--	3.2	2.8	--	--	--	
	Barium	EPA 6010	82	BCL	mg/kg	160	210	--	--	--	--	--	180 J	210 J	--	--	--	
	Boron	EPA 6010	21.4	BCL	mg/kg	6.8	9.8	--	--	--	--	--	13	15	--	--	--	
	Cadmium	EPA 6010	0.4	BCL	mg/kg	0.49 J	<0.27	--	--	--	--	--	0.28 J	<0.27	--	--	--	
	Chromium (total)	EPA 6010	180,000	RSL	mg/kg	12	12	--	--	--	--	--	15	16	--	--	--	
	Cobalt	EPA 6010	0.453	BCL	mg/kg	7.1	6.3	--	--	--	--	--	8.5	8.2	--	--	--	
	Copper	EPA 6010	45.8	BCL	mg/kg	17	14	--	--	--	--	--	20	19	--	--	--	
	Iron	EPA 6010	7.56	BCL	mg/kg	13,000	13,000	--	--	--	--	--	15,000	16,000	--	--	--	
	Lead	EPA 6010	13.5	RSL	mg/kg	23	9.0	--	--	--	--	--	19	8.5	--	--	--	
	Magnesium	EPA 6010	889	BCL	mg/kg	8,800	9,100	--	--	--	--	--	11,000	13,000	--	--	--	
	Manganese	EPA 6010	1.3	BCL	mg/kg	500	350	--	--	--	--	--	810	320	--	--	--	
	Mercury	EPA 7471	0.104	BCL	mg/kg	0.036	<0.013	--	--	--	--	--	0.28	1.9	--	--	--	
	Molybdenum	EPA 6010	3.37	BCL	mg/kg	<1.0	<1.1	--	--	--	--	--	<1.0	<1.1	--	--	--	
	Nickel	EPA 6010	7	BCL	mg/kg	14	13	--	--	--	--	--	16	18	--	--	--	
	Selenium	EPA 6020	0.3	BCL	mg/kg	<0.50	<0.54	--	--	--	--	--	<0.52	<0.54	--	--	--	
Silver	EPA 6010	0.85	BCL	mg/kg	<0.76	<0.81	--	--	--	--	--	<0.78	<0.81	--	--	--		
Thallium	EPA 6020	0.4	BCL	mg/kg	<0.25	<0.27	--	--	--	--	--	0.52	<0.27	--	--	--		
Zinc	EPA 6010	620	BCL	mg/kg	100	28	--	--	--	--	--	60	33	--	--	--		
Hexavalent Chromium	Chromium VI	EPA 7199	2	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	
Rare Metals	Niobium	EPA 6020	1.17	BCL	mg/kg	<1.6	<1.9	--	--	--	--	--	<1.8	<2.1	--	--	--	
	Palladium	EPA 6020			mg/kg	<0.048	<0.056	--	--	--	--	--	<0.051	<0.060	--	--	--	
	Strontium	EPA 6010	422	RSL	mg/kg	120	210	--	--	--	--	--	180 J	290 J	--	--	--	
	Tungsten	EPA 6010	37.6	BCL	mg/kg	<5.0	<5.4	--	--	--	--	--	5.2 UJ	5.4 UJ	--	--	--	
	Zirconium	EPA 6010	4.79	RSL	mg/kg	18	19	--	--	--	--	--	16	20	--	--	--	
VOCs	Acetone	EPA 8260	0.8	BCL	mg/kg	<0.0076	<0.0080	<0.0085	<0.0082	<0.0083	<0.0092	<0.0097	<0.0080	<0.0085	<0.0085	<0.0082	<0.0088	0.0083 UJ
	t-Amyl methyl ether	EPA 8260			mg/kg	<0.00095	<0.0010	<0.0011	<0.0010	<0.0010	<0.0012	<0.0012	<0.00099	<0.0011	<0.0011	<0.0010	<0.0011	<0.0010
	Benzene	EPA 8260	0.002	BCL	mg/kg	<0.00048	<0.00050	<0.00053	<0.00051	<0.00052	<0.00058	<0.00060	<0.00050	<0.00053	<0.00053	<0.00051	<0.00055	<0.00052
	Bromobenzene	EPA 8260	0.0421	RSL	mg/kg	<0.00095	<0.0010	<0.0011	<0.0010	<0.0010	<0.0012	<0.0012	<0.00099	<0.0011	<0.0011	<0.0010	<0.0011	<0.0010
	Bromochloromethane	EPA 8260			mg/kg	<0.00095	<0.0010	<0.0011	<0.0010	<0.0010	<0.0012	<0.0012	<0.00099	<0.0011	<0.0011	<0.0010	<0.0011	<0.0010
	Bromodichloromethane	EPA 8260	0.03	BCL	mg/kg	<0.00048	<0.00050	<0.00053	<0.00051	<0.00052	<0.00058	<0.00060	<0.00050	<0.00053	<0.00053	<0.00051	<0.00055	<0.00052
	Bromoform	EPA 8260	0.04	BCL	mg/kg	<0.00095	<0.0010	<0.0011	<0.0010	<0.0010	<0.0012	<0.0012	<0.00099	<0.0011	<0.0011	<0.0010	<0.0011	<0.0010
	Bromomethane	EPA 8260	0.01	BCL	mg/kg	<0.00095	<0.0010	<0.0011	<0.0010	<0.0010	<0.0012	<0.0012	<0.00099	<0.0011	<0.0011	<0.0010	<0.0011	<0.0010
	2-Butanone	EPA 8260	1.16	RSL	mg/kg	<0.0048	<0.0050	<0.0053	<0.0051	<0.0052	<0.0058	<0.0060	<0.0050	<0.0053	<0.0053	<0.0051	<0.0055	<0.0052
	n-Butylbenzene	EPA 8260	3.23	RSL	mg/kg	<0.00095	<0.0010	<0.0011	<0.0010	<0.0010	<0.0012	<0.0012	<0.00099	<0.0011	<0.0011	<0.0010	<0.0011	<0.0010
	sec-Butylbenzene	EPA 8260	5.87	RSL	mg/kg	<0.00095	<0.0010	<0.0011	<0.0010	<0.0010	<0.0012	<0.0012	<0.00099	<0.0011	<0.0011	<0.0010	<0.0011	<0.0010
	Carbon tetrachloride	EPA 8260	0.003	BCL	mg/kg	<0.00048	<0.00050	<0.00053	<0.00051	<0.00052	<0.00058	<0.00060	0.00050 UJ	0.00053 UJ	0.00053 UJ	0.00051 UJ	0.00055 UJ	<0.00052
	Chlorobenzene	EPA 8260	0.07	BCL	mg/kg	<0.00048	<0.00050	<0.00053	<0.00051	<0.00052	<0.00058	<0.00060	<0.00050	<0.00053	<0.00053	<0.00051	<0.00055	<0.00052
	Chloroethane	EPA 8260	5.92	RSL	mg/kg	<0.00095	<0.0010	<0.0011	<0.0010	<0.0010	<0.0012	<0.0012	<0.00099	<0.0011	<0.0011	<0.0010	<0.0011	<0.0010
	Chloroform	EPA 8260	0.03	BCL	mg/kg	<0.00048	<0.00050	<0.00053	<0.00051	<0.00052	<0.00058	0.0013	<0.00050	<0.00053	<0.00053	<0.00051	<0.00055	0.0012
	Chloromethane	EPA 8260	0.0486	RSL	mg/kg	<0.00095	<0.0010	<0.0011	<0.0010	<0.0010	<0.0012	<0.0012	<0.00099	<0.0011	<0.0011	<0.0010	<0.0011	<0.0010
	2-Chlorotoluene	EPA 8260	0.231	RSL	mg/kg	<0.00095	<0.0010	<0.0011	<0.0010	<0.0010	<0.0012	<0.0012	<0.00099	<0.0011	<0.0011	<0.0010	<0.0011	<0.0010
4-Chlorotoluene	EPA 8260	0.241	RSL	mg/kg	<0.00095	<0.0010	<0.0011	<0.0010	<0.0010	<0.0012	<0.0012	<0.00099	<0.0011	<0.0011	<0.0010	<0.0011	<0.0010	
Cumene	EPA 8260	0.738	RSL	mg/kg	<0.00048	<0.00050	<0.00053	<0.00051	<0.00052	<0.00058	<0.00060	<0.00050	<0.00053	<0.00053	<0.00051	<0.00055	<0.00052	
p-Cymene	EPA 8260	3.91	CAL	mg/kg	<0.00048	<0.00050	<0.00053	<0.00051	<0.00052	<0.00058	<0.00060	<0.00050	<0.00053	<0.00053	<0.00051	<0.00055	<0.00052	

**TABLE A-6a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 8**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	M-161D						M-162D						
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	34-34.5 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	21-21.5 ft bgs	30-30.5 ft bgs
						M-161D-0.5-20141203	M-161D-5.0-20141203	M-161D-10.0-20141203	M-161D-10.0-20141203-FD	M-161D-15.0-20141203	M-161D-20.0-20141203	M-161D-34.0-20141203	M-162D-0.5-20141209	M-162D-5.0-20141209	M-162D-10.0-20141209	M-162D-15.0-20141209	M-162D-21.0-20141209	M-162D-30.0-20141210
VOCs	Dibromochloromethane	EPA 8260	0.02	BCL	mg/kg	<0.00048	<0.00050	<0.00053	<0.00051	<0.00052	<0.00058	<0.00060	<0.00050	<0.00053	<0.00053	<0.00051	<0.00055	<0.00052
	1,2-Dibromoethane	EPA 8260	0.0000141	RSL	mg/kg	<0.00048	<0.00050	<0.00053	<0.00051	<0.00052	<0.00058	<0.00060	<0.00050	<0.00053	<0.00053	<0.00051	<0.00055	<0.00052
	Dibromomethane	EPA 8260	0.00197	RSL	mg/kg	<0.00048	<0.00050	<0.00053	<0.00051	<0.00052	<0.00058	<0.00060	<0.00050	<0.00053	<0.00053	<0.00051	<0.00055	<0.00052
	1,2-Dichlorobenzene	EPA 8260	0.9	BCL	mg/kg	<0.00048	<0.00050	<0.00053	<0.00051	<0.00052	<0.00058	<0.00060	<0.00050	<0.00053	<0.00053	<0.00051	<0.00055	<0.00052
	1,3-Dichlorobenzene	EPA 8260	0.0473	CAL	mg/kg	<0.00048	<0.00050	<0.00053	<0.00051	<0.00052	<0.00058	<0.00060	<0.00050	<0.00053	<0.00053	<0.00051	<0.00055	<0.00052
	1,4-Dichlorobenzene	EPA 8260	0.1	BCL	mg/kg	<0.00048	<0.00050	<0.00053	<0.00051	<0.00052	<0.00058	<0.00060	<0.00050	<0.00053	<0.00053	<0.00051	<0.00055	<0.00052
	Dichlorodifluoromethane	EPA 8260	0.304	RSL	mg/kg	0.00095 UJ	0.0010 UJ	0.0011 UJ	0.0010 UJ	0.0010 UJ	0.0012 UJ	0.0012 UJ	0.00099 UJ	0.0011 UJ	0.0011 UJ	0.0010 UJ	0.0011 UJ	0.0010 UJ
	1,1-Dichloroethane	EPA 8260	1	BCL	mg/kg	<0.00048	<0.00050	<0.00053	<0.00051	<0.00052	<0.00058	<0.00060	<0.00050	<0.00053	<0.00053	<0.00051	<0.00055	<0.00052
	1,2-Dichloroethane	EPA 8260	0.001	BCL	mg/kg	<0.00048	<0.00050	<0.00053	<0.00051	<0.00052	<0.00058	<0.00060	<0.00050	<0.00053	<0.00053	<0.00051	<0.00055	<0.00052
	1,1-Dichloroethene	EPA 8260	0.003	BCL	mg/kg	<0.00048	<0.00050	<0.00053	<0.00051	<0.00052	<0.00058	<0.00060	<0.00050	<0.00053	<0.00053	<0.00051	<0.00055	<0.00052
	cis-1,2-Dichloroethene	EPA 8260	0.02	BCL	mg/kg	<0.00048	<0.00050	<0.00053	<0.00051	<0.00052	<0.00058	<0.00060	<0.00050	<0.00053	<0.00053	<0.00051	<0.00055	<0.00052
	trans-1,2-Dichloroethene	EPA 8260	0.03	BCL	mg/kg	<0.00048	<0.00050	<0.00053	<0.00051	<0.00052	<0.00058	<0.00060	0.00050 UJ	0.00053 UJ	0.00053 UJ	0.00051 UJ	0.00055 UJ	<0.00052
	1,2-Dichloropropane	EPA 8260	0.001	BCL	mg/kg	<0.00048	<0.00050	<0.00053	<0.00051	<0.00052	<0.00058	<0.00060	<0.00050	<0.00053	<0.00053	<0.00051	<0.00055	<0.00052
	1,3-Dichloropropane	EPA 8260	0.001	BCL	mg/kg	<0.00048	<0.00050	<0.00053	<0.00051	<0.00052	<0.00058	<0.00060	<0.00050	<0.00053	<0.00053	<0.00051	<0.00055	<0.00052
	2,2-Dichloropropane	EPA 8260			mg/kg	<0.00095	<0.0010	<0.0011	<0.0010	<0.0010	<0.0012	<0.0012	0.00099 UJ	0.0011 UJ	0.0011 UJ	0.0010 UJ	0.0011 UJ	<0.0010
	1,1-Dichloropropene	EPA 8260			mg/kg	<0.00048	<0.00050	<0.00053	<0.00051	<0.00052	<0.00058	<0.00060	0.00050 UJ	0.00053 UJ	0.00053 UJ	0.00051 UJ	0.00055 UJ	<0.00052
	cis-1,3-Dichloropropene	EPA 8260			mg/kg	<0.00048	<0.00050	<0.00053	<0.00051	<0.00052	<0.00058	<0.00060	<0.00050	<0.00053	<0.00053	<0.00051	<0.00055	<0.00052
	trans-1,3-Dichloropropene	EPA 8260			mg/kg	<0.00048	<0.00050	<0.00053	<0.00051	<0.00052	<0.00058	<0.00060	0.00050 UJ	0.00053 UJ	0.00053 UJ	0.00051 UJ	0.00055 UJ	<0.00052
	Diisopropyl ether	EPA 8260			mg/kg	<0.00095	<0.0010	<0.0011	<0.0010	<0.0010	<0.0012	<0.0012	<0.00099	<0.0011	<0.0011	<0.0010	<0.0011	<0.0010
	Ethyl benzene	EPA 8260	0.7	BCL	mg/kg	<0.00048	<0.00050	<0.00053	<0.00051	<0.00052	<0.00058	<0.00060	<0.00050	<0.00053	<0.00053	<0.00051	<0.00055	<0.00052
	Ethyl tert-butyl ether	EPA 8260			mg/kg	<0.00095	<0.0010	<0.0011	<0.0010	<0.0010	<0.0012	<0.0012	<0.00099	<0.0011	<0.0011	<0.0010	<0.0011	<0.0010
	Hexachlorobutadiene	EPA 8260	0.1	BCL	mg/kg	<0.00095	<0.0010	<0.0011	<0.0010	<0.0010	<0.0012	<0.0012	<0.00099	<0.0011	<0.0011	<0.0010	<0.0011	<0.0010
	2-Hexanone	EPA 8260			mg/kg	<0.0048	<0.0050	<0.0053	<0.0051	<0.0052	<0.0058	<0.0060	<0.0050	<0.0053	<0.0053	<0.0051	<0.0055	<0.0052
	Methyl tert-butyl ether	EPA 8260			mg/kg	<0.00095	<0.0010	<0.0011	<0.0010	<0.0010	<0.0012	<0.0012	<0.00099	<0.0011	<0.0011	<0.0010	<0.0011	<0.0010
	Methylene chloride	EPA 8260	0.001	BCL	mg/kg	<0.0048	<0.0050	<0.0053	<0.0051	<0.0052	<0.0058	<0.0060	<0.0050	<0.0053	<0.0053	<0.0051	<0.0055	<0.0052
	Naphthalene	EPA 8260	4	BCL	mg/kg	<0.00095	<0.0010	<0.0011	<0.0010	<0.0010	<0.0012	<0.0012	<0.00099	<0.0011	<0.0011	<0.0010	<0.0011	<0.0010
	n-Propylbenzene	EPA 8260	1.22	RSL	mg/kg	<0.00048	<0.00050	<0.00053	<0.00051	<0.00052	<0.00058	<0.00060	<0.00050	<0.00053	<0.00053	<0.00051	<0.00055	<0.00052
	Styrene	EPA 8260	0.2	BCL	mg/kg	<0.00048	<0.00050	<0.00053	<0.00051	<0.00052	<0.00058	<0.00060	<0.00050	<0.00053	<0.00053	<0.00051	<0.00055	<0.00052
	1,1,1,2-Tetrachloroethane	EPA 8260	0.000218	RSL	mg/kg	<0.00095	<0.0010	<0.0011	<0.0010	<0.0010	<0.0012	<0.0012	<0.00099	<0.0011	<0.0011	<0.0010	<0.0011	<0.0010
	1,1,2,2-Tetrachloroethane	EPA 8260	0.0002	BCL	mg/kg	<0.00095	<0.0010	<0.0011	<0.0010	<0.0010	<0.0012	<0.0012	<0.00099	<0.0011	<0.0011	<0.0010	<0.0011	<0.0010
	Tetrachloroethene	EPA 8260	0.003	BCL	mg/kg	<0.00048	<0.00050	<0.00053	<0.00051	<0.00052	<0.00058	<0.00060	<0.00050	<0.00053	<0.00053	<0.00051	<0.00055	<0.00052
	Toluene	EPA 8260	0.6	BCL	mg/kg	<0.00048	<0.00050	<0.00053	<0.00051	<0.00052	<0.00058	<0.00060	<0.00050	<0.00053	<0.00053	<0.00051	<0.00055	<0.00052
	1,2,3-Trichlorobenzene	EPA 8260	0.0209	RSL	mg/kg	<0.00095	<0.0010	<0.0011	<0.0010	<0.0010	<0.0012	<0.0012	<0.00099	<0.0011	<0.0011	<0.0010	<0.0011	<0.0010
	1,2,4-Trichlorobenzene	EPA 8260	0.3	BCL	mg/kg	<0.00095	<0.0010	<0.0011	<0.0010	<0.0010	<0.0012	<0.0012	<0.00099	<0.0011	<0.0011	<0.0010	<0.0011	<0.0010
	1,1,1-Trichloroethane	EPA 8260	0.1	BCL	mg/kg	<0.00048	<0.00050	<0.00053	<0.00051	<0.00052	<0.00058	<0.00060	0.00050 UJ	0.00053 UJ	0.00053 UJ	0.00051 UJ	0.00055 UJ	<0.00052
1,1,2-Trichloroethane	EPA 8260	0.0009	BCL	mg/kg	<0.00048	<0.00050	<0.00053	<0.00051	<0.00052	<0.00058	<0.00060	<0.00050	<0.00053	<0.00053	<0.00051	<0.00055	<0.00052	
Trichloroethene	EPA 8260	0.003	BCL	mg/kg	<0.00048	<0.00050	<0.00053	<0.00051	<0.00052	<0.00058	<0.00060	<0.00050	<0.00053	<0.00053	<0.00051	<0.00055	<0.00052	
Trichlorofluoromethane	EPA 8260	0.731	RSL	mg/kg	<0.00095	<0.0010	<0.0011	<0.0010	<0.0010	<0.0012	<0.0012	<0.00099	<0.0011	<0.0011	<0.0010	<0.0011	0.0010 UJ	
1,2,3-Trichloropropane	EPA 8260	0.00000323	RSL	mg/kg	<0.00095	<0.0010	<0.0011	<0.0010	<0.0010	<0.0012	<0.0012	0.00099 UJ	0.0011 UJ	0.0011 UJ	0.0010 UJ	0.0011 UJ	<0.0010	
1,2,4-Trimethylbenzene	EPA 8260	0.0212	RSL	mg/kg	<0.00095	<0.0010	<0.0011	<0.0010	<0.0010	<0.0012	<0.0012	<0.00099	<0.0011	<0.0011	<0.0010	<0.0011	<0.0010	
1,3,5-Trimethylbenzene	EPA 8260	0.167	RSL	mg/kg	<0.00095	<0.0010	<0.0011	<0.0010	<0.0010	<0.0012	<0.0012	<0.00099	<0.0011	<0.0011	<0.0010	<0.0011	<0.0010	
Vinyl chloride	EPA 8260	0.0007	BCL	mg/kg	<0.00095	<0.0010	<0.0011	<0.0010	<0.0010	<0.0012	<0.0012	<0.00099	<0.0011	<0.0011	<0.0010	<0.0011	<0.0010	
m,p-Xylene	EPA 8260			mg/kg	<0.00095	<0.0010	<0.0011	<0.0010	<0.0010	<0.0012	<0.0012	<0.00099	<0.0011	<0.0011	<0.0010	<0.0011	<0.0010	
o-Xylene	EPA 8260	9	BCL	mg/kg	<0.00048	<0.00050	<0.00053	<0.00051	<0.00052	<0.00058	<0.00060	<0.00050	<0.00053	<0.00053	<0.00051	<0.00055	<0.00052	
1,2-Dibromo-3-chloropropane	EPA 8260	0.0000864	RSL	mg/kg	<0.0019	<0.0020	<0.0021	<0.0021	<0.0021	<0.0023	<0.0024	<0.0020	<0.0021	<0.0021	<0.0020	<0.0022	0.0021 UJ	
4-Methyl-2-pentanone	EPA 8260			mg/kg	<0.0024	<0.0025	<0.0027	<0.0026	<0.0026	<0.0029	<0.0030	<0.0025	<0.0027	<0.0027	<0.0026	<0.0027	<0.0026	
tert Butyl alcohol	EPA 8260			mg/kg	<0.0095	<0.010	<0.011	<0.010	<0.010	<0.012	<0.012	<0.0099	<0.011	<0.011	<0.010	<0.011	<0.010	
tert-Butylbenzene	EPA 8																	

TABLE A-6a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 8  
RI Data Evaluation  
Nevada Environmental Response Trust Site; Henderson, Nevada

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	M-161D						M-162D						
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	34-34.5 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	21-21.5 ft bgs	30-30.5 ft bgs
						M-161D-0.5-20141203	M-161D-5.0-20141203	M-161D-10.0-20141203	M-161D-10.0-20141203-FD	M-161D-15.0-20141203	M-161D-20.0-20141203	M-161D-34.0-20141203	M-162D-0.5-20141209	M-162D-5.0-20141209	M-162D-10.0-20141209	M-162D-15.0-20141209	M-162D-21.0-20141209	M-162D-30.0-20141210
SVOCs	Acenaphthene	EPA 8270	29	BCL	mg/kg	<0.068	<0.073	--	--	--	--	--	<0.069	<0.072	--	--	--	--
	Acenaphthene	EPA 8270-SIM	29	BCL	mg/kg	<0.0040	<0.0043	--	--	--	--	--	<0.0041	<0.0043	--	--	--	--
	Aniline	EPA 8270	0.00456	RSL	mg/kg	0.086 UJ	0.092 UJ	--	--	--	--	--	<0.088	<0.092	--	--	--	--
	Anthracene	EPA 8270	590	BCL	mg/kg	<0.081	<0.087	--	--	--	--	--	<0.083	<0.086	--	--	--	--
	Anthracene	EPA 8270-SIM	590	BCL	mg/kg	<0.0040	<0.0043	--	--	--	--	--	<0.0041	<0.0043	--	--	--	--
	Benzidine	EPA 8270			mg/kg	0.67 UJ	0.72 UJ	--	--	--	--	--	0.68 UJ	0.71 UJ	--	--	--	--
	Benzo(k)fluoranthene	EPA 8270	2	BCL	mg/kg	<0.071	<0.076	--	--	--	--	--	<0.072	<0.076	--	--	--	--
	Benzo(k)fluoranthene	EPA 8270-SIM	2	BCL	mg/kg	<0.0040	<0.0043	--	--	--	--	--	<0.0041	<0.0043	--	--	--	--
	Benzoic acid	EPA 8270	20	BCL	mg/kg	<0.35	<0.37	--	--	--	--	--	<0.35	<0.37	--	--	--	--
	Benzyl alcohol	EPA 8270	0.476	RSL	mg/kg	<0.15	<0.16	--	--	--	--	--	<0.15	<0.16	--	--	--	--
	4-Bromophenyl-phenyl ether	EPA 8270			mg/kg	<0.076	<0.081	--	--	--	--	--	<0.077	<0.081	--	--	--	--
	Butylbenzylphthalate	EPA 8270	810	BCL	mg/kg	<0.081	<0.087	--	--	--	--	--	<0.083	<0.086	--	--	--	--
	4-Chloroaniline	EPA 8270	0.03	BCL	mg/kg	<0.14	<0.14	--	--	--	--	--	<0.14	<0.14	--	--	--	--
	2-Chloronaphthalene	EPA 8270	3.85	RSL	mg/kg	<0.068	<0.073	--	--	--	--	--	<0.069	<0.072	--	--	--	--
	2-Chlorophenol	EPA 8270	0.2	BCL	mg/kg	<0.071	<0.076	--	--	--	--	--	<0.072	<0.076	--	--	--	--
	4-Chlorophenyl-phenyl ether	EPA 8270			mg/kg	<0.086	<0.092	--	--	--	--	--	<0.088	<0.092	--	--	--	--
	Chrysene	EPA 8270	8	BCL	mg/kg	<0.076	<0.081	--	--	--	--	--	<0.077	<0.081	--	--	--	--
	Chrysene	EPA 8270-SIM	8	BCL	mg/kg	<0.0040	<0.0043	--	--	--	--	--	<b>0.012 J</b>	<0.0043	--	--	--	--
	Di-n-butylphthalate	EPA 8270	270	BCL	mg/kg	<0.092	<0.098	--	--	--	--	--	<0.093	<0.097	--	--	--	--
	Di-n-octylphthalate	EPA 8270	56.5	RSL	mg/kg	<0.092	<0.098	--	--	--	--	--	<0.093	<0.097	--	--	--	--
	Dibenz(a,h)anthracene	EPA 8270	0.08	BCL	mg/kg	<0.10	<0.11	--	--	--	--	--	<0.10	<0.11	--	--	--	--
	Dibenz(a,h)anthracene	EPA 8270-SIM	0.08	BCL	mg/kg	<0.0040	<0.0043	--	--	--	--	--	<0.0041	<0.0043	--	--	--	--
	Dibenzofuran	EPA 8270	0.145	RSL	mg/kg	<0.068	<0.073	--	--	--	--	--	<0.069	<0.072	--	--	--	--
	3,3'-Dichlorobenzidine	EPA 8270	0.0003	BCL	mg/kg	<0.15	<0.16	--	--	--	--	--	<0.15	<0.16	--	--	--	--
	2,4-Dichlorophenol	EPA 8270	0.05	BCL	mg/kg	<0.068	<0.073	--	--	--	--	--	<0.069	<0.072	--	--	--	--
	Diethylphthalate	EPA 8270	6.08	RSL	mg/kg	<0.097	<0.10	--	--	--	--	--	<0.098	<0.10	--	--	--	--
	2,4-Dimethylphenol	EPA 8270	0.4	BCL	mg/kg	<0.13	<0.14	--	--	--	--	--	<0.13	<0.14	--	--	--	--
	Dimethylphthalate	EPA 8270			mg/kg	<0.068	<0.073	--	--	--	--	--	<0.069	<0.072	--	--	--	--
	2,4-Dinitrophenol	EPA 8270	0.01	BCL	mg/kg	<0.34	<0.36	--	--	--	--	--	<0.34	<0.36	--	--	--	--
	2,4-Dinitrotoluene	EPA 8270	0.00004	BCL	mg/kg	<0.081	<0.087	--	--	--	--	--	<0.083	<0.086	--	--	--	--
	2,6-Dinitrotoluene	EPA 8270	0.00003	BCL	mg/kg	<0.097	<0.10	--	--	--	--	--	<0.098	<0.10	--	--	--	--
	Fluoranthene	EPA 8270	210	BCL	mg/kg	<0.071	<0.076	--	--	--	--	--	<0.072	<0.076	--	--	--	--
	Fluoranthene	EPA 8270-SIM	210	BCL	mg/kg	<0.0040	<0.0043	--	--	--	--	--	<b>0.012 J</b>	<0.0043	--	--	--	--
	Fluorene	EPA 8270	28	BCL	mg/kg	<0.071	<0.076	--	--	--	--	--	<0.072	<0.076	--	--	--	--
	Fluorene	EPA 8270-SIM	28	BCL	mg/kg	<0.0040	<0.0043	--	--	--	--	--	<0.0041	<0.0043	--	--	--	--
	Hexachlorobenzene	EPA 8270	0.1	BCL	mg/kg	<b>0.14 J</b>	<0.076	--	--	--	--	--	<b>0.12 J</b>	<0.076	--	--	--	--
	Hexachlorocyclopentadiene	EPA 8270	20	BCL	mg/kg	<0.14	<0.14	--	--	--	--	--	<0.14	<0.14	--	--	--	--
	Hexachloroethane	EPA 8270	0.02	BCL	mg/kg	<0.14	<0.14	--	--	--	--	--	<0.14	<0.14	--	--	--	--
	Isophorone	EPA 8270	0.03	BCL	mg/kg	<0.068	<0.073	--	--	--	--	--	<0.069	<0.072	--	--	--	--
	1-Methylnaphthalene	EPA 8270	0.00584	RSL	mg/kg	<0.15	<0.16	--	--	--	--	--	<0.15	<0.16	--	--	--	--
	2-Methylnaphthalene	EPA 8270	0.185	RSL	mg/kg	<0.071	<0.076	--	--	--	--	--	<0.072	<0.076	--	--	--	--
	2-Methylphenol	EPA 8270	0.8	BCL	mg/kg	<0.081	<0.087	--	--	--	--	--	<0.083	<0.086	--	--	--	--
	3&4-Methylphenol	EPA 8270			mg/kg	<0.14	<0.14	--	--	--	--	--	<0.14	<0.14	--	--	--	--
	Naphthalene	EPA 8270	4	BCL	mg/kg	<0.068	<0.073	--	--	--	--	--	<0.069	<0.072	--	--	--	--
	Naphthalene	EPA 8270-SIM	4	BCL	mg/kg	<0.0040	<0.0043	--	--	--	--	--	<b>0.0067 J</b>	<0.0043	--	--	--	--
	2-Nitroaniline	EPA 8270	0.0801	RSL	mg/kg	<0.068	<0.073	--	--	--	--	--	<0.069	<0.072	--	--	--	--
	3-Nitroaniline	EPA 8270			mg/kg	<0.14	<0.14	--	--	--	--	--	<0.14	<0.14	--	--	--	--
	4-Nitroaniline	EPA 8270	0.00158	RSL	mg/kg	<0.14	<0.14	--	--	--	--	--	<0.14	<0.14	--	--	--	--
	Nitrobenzene	EPA 8270	0.007	BCL	mg/kg	<0.071	<0.076	--	--	--	--	--	<0.072	<0.076	--	--	--	--

**TABLE A-6a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 8**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	M-161D						M-162D						
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	34-34.5 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	21-21.5 ft bgs	30-30.5 ft bgs
						M-161D-0.5-20141203	M-161D-5.0-20141203	M-161D-10.0-20141203	M-161D-10.0-20141203-FD	M-161D-15.0-20141203	M-161D-20.0-20141203	M-161D-34.0-20141203	M-162D-0.5-20141209	M-162D-5.0-20141209	M-162D-10.0-20141209	M-162D-15.0-20141209	M-162D-21.0-20141209	M-162D-30.0-20141210
SVOCs	2-Nitrophenol	EPA 8270			mg/kg	<0.14	<0.14	--	--	--	--	--	<0.14	<0.14	--	--	--	--
	4-Nitrophenol	EPA 8270			mg/kg	<0.14	<0.15	--	--	--	--	--	<0.14	<0.15	--	--	--	--
	n-Nitrosodiphenylamine	EPA 8270	0.06	BCL	mg/kg	<0.081	<0.087	--	--	--	--	--	<0.083	<0.086	--	--	--	--
	Octachlorostyrene	EPA 8270			mg/kg	<2.3	<2.5	--	--	--	--	--	<2.4	<2.5	--	--	--	--
	Pentachlorophenol	EPA 8270	0.001	BCL	mg/kg	<0.35	<0.37	--	--	--	--	--	<0.35	<0.37	--	--	--	--
	Phenol	EPA 8270	5	BCL	mg/kg	<0.092	<0.098	--	--	--	--	--	<0.093	<0.097	--	--	--	--
	Pyrene	EPA 8270	210	BCL	mg/kg	<0.081	<0.087	--	--	--	--	--	<0.083	<0.086	--	--	--	--
	Pyrene	EPA 8270-SIM	210	BCL	mg/kg	<0.0040	<0.0043	--	--	--	--	--	<b>0.0093 J</b>	<0.0043	--	--	--	--
	Pyridine	EPA 8270			mg/kg	<0.15	<0.16	--	--	--	--	--	<0.15	<0.16	--	--	--	--
	2,4,5-Trichlorophenol	EPA 8270	14	BCL	mg/kg	<0.13	<0.14	--	--	--	--	--	<0.13	<0.14	--	--	--	--
	2,4,6-Trichlorophenol	EPA 8270	0.008	BCL	mg/kg	<0.076	<0.081	--	--	--	--	--	<0.077	<0.081	--	--	--	--
	bis(2-Chloroethoxy)methane	EPA 8270	0.0135	RSL	mg/kg	<0.14	<0.14	--	--	--	--	--	<0.14	<0.14	--	--	--	--
	bis(2-Chloroethyl) ether	EPA 8270	0.00002	BCL	mg/kg	<0.071	<0.076	--	--	--	--	--	<0.072	<0.076	--	--	--	--
	bis(2-Ethylhexyl)phthalate	EPA 8270	180	BCL	mg/kg	<0.092	<0.098	--	--	--	--	--	<0.093	<0.097	--	--	--	--
4-Chloro-3-methylphenol	EPA 8270	1.71	RSL	mg/kg	<0.071	<0.076	--	--	--	--	--	<0.072	<0.076	--	--	--	--	
n-Nitroso-di-n-propylamine	EPA 8270	0.000002	BCL	mg/kg	<0.071	<0.076	--	--	--	--	--	<0.072	<0.076	--	--	--	--	
Organo-phosphorus Pesticides	Atrazine	EPA 8141A			mg/kg	<0.012	<0.013	--	--	--	--	--	<0.012	<0.013	--	--	--	--
	Chlorpyrifos	EPA 8141A	0.124	RSL	mg/kg	<0.0062	<0.0070	--	--	--	--	--	<0.0064	<0.0068	--	--	--	--
	Coumaphos	EPA 8141A			mg/kg	<0.0027	<0.0030	--	--	--	--	--	<0.0028	<0.0029	--	--	--	--
	Dasanit	EPA 8141A			mg/kg	<0.0078	<0.0088	--	--	--	--	--	<0.0081	<0.0085	--	--	--	--
	Demeton (O + S)	EPA 8141A			mg/kg	<0.0072	<0.0081	--	--	--	--	--	<0.0074	<0.0079	--	--	--	--
	Demeton-O	EPA 8141A			mg/kg	<0.0051	<0.0057	--	--	--	--	--	<0.0052	<0.0055	--	--	--	--
	Demeton-S	EPA 8141A			mg/kg	<0.0047	<0.0052	--	--	--	--	--	<0.0048	<0.0051	--	--	--	--
	Diazinon	EPA 8141A	0.0648	RSL	mg/kg	<0.0070	<0.0078	--	--	--	--	--	<0.0072	<0.0076	--	--	--	--
	Dibrom	EPA 8141A			mg/kg	<0.022	<0.024	--	--	--	--	--	<0.022	0.024 UJ	--	--	--	--
	Dichlorovos	EPA 8141A	0.0000811	RSL	mg/kg	<0.0071	<0.0080	--	--	--	--	--	<0.0073	<0.0078	--	--	--	--
	Dimethoate	EPA 8141A	0.000899	RSL	mg/kg	<0.0068	<0.0076	--	--	--	--	--	<0.0070	<0.0074	--	--	--	--
	Disulfoton	EPA 8141A	0.000939	RSL	mg/kg	<0.0074	<0.0083	--	--	--	--	--	<0.0077	<0.0081	--	--	--	--
	Ethoprop nitrophenyl benzenethiophosphate	EPA 8141A			mg/kg	<0.0047	<0.0053	--	--	--	--	--	<0.0049	<0.0052	--	--	--	--
	Famphur	EPA 8141A			mg/kg	<0.0031	<0.0035	--	--	--	--	--	<0.0032	<0.0034	--	--	--	--
	Fenthion	EPA 8141A			mg/kg	<0.0084	<0.0094	--	--	--	--	--	<0.0087	<0.0092	--	--	--	--
	Guthion	EPA 8141A			mg/kg	<0.0034	<0.0038	--	--	--	--	--	<0.0035	<0.0037	--	--	--	--
	Malathion	EPA 8141A	0.102	RSL	mg/kg	<0.0045	<0.0050	--	--	--	--	--	<0.0046	<0.0049	--	--	--	--
	Merphos	EPA 8141A	0.059	RSL	mg/kg	<0.0049	<0.0055	--	--	--	--	--	<0.0051	<0.0054	--	--	--	--
	Methyl parathion	EPA 8141A	7.41	RSL	µg/kg	<6.1	<6.9	--	--	--	--	--	<6.3	<6.7	--	--	--	--
	Mevinphos	EPA 8141A			mg/kg	<0.0044	<0.0050	--	--	--	--	--	<0.0046	<0.0048	--	--	--	--
	Parathion	EPA 8141A	432	RSL	µg/kg	<5.1	<5.7	--	--	--	--	--	<5.2	<5.5	--	--	--	--
	Phorate	EPA 8141A	0.00338	RSL	mg/kg	<0.0055	<0.0061	--	--	--	--	--	<0.0056	<0.0060	--	--	--	--
	Prothiophos	EPA 8141A			mg/kg	<0.0038	<0.0042	--	--	--	--	--	<0.0039	<0.0041	--	--	--	--
	Ronnel	EPA 8141A	3.7	RSL	mg/kg	<0.015	<0.016	--	--	--	--	--	<0.015	<0.016	--	--	--	--
Simazine	EPA 8141A			mg/kg	<0.021	<0.024	--	--	--	--	--	<0.022	<0.023	--	--	--	--	
Stirophos	EPA 8141A			mg/kg	<0.0042	<0.0047	--	--	--	--	--	<0.0043	<0.0046	--	--	--	--	
Sulfotepp	EPA 8141A			mg/kg	<0.0060	<0.0067	--	--	--	--	--	<0.0062	<0.0066	--	--	--	--	
Sulprofos	EPA 8141A			mg/kg	<0.0041	<0.0046	--	--	--	--	--	<0.0042	<0.0044	--	--	--	--	
Thionazin	EPA 8141A			mg/kg	<0.0054	<0.0060	--	--	--	--	--	<0.0055	<0.0058	--	--	--	--	

TABLE A-6a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 8  
RI Data Evaluation  
Nevada Environmental Response Trust Site; Henderson, Nevada

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	M-161D						M-162D						
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	34-34.5 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	21-21.5 ft bgs	30-30.5 ft bgs
						M-161D-0.5-20141203	M-161D-5.0-20141203	M-161D-10.0-20141203	M-161D-10.0-20141203-FD	M-161D-15.0-20141203	M-161D-20.0-20141203	M-161D-34.0-20141203	M-162D-0.5-20141209	M-162D-5.0-20141209	M-162D-10.0-20141209	M-162D-15.0-20141209	M-162D-21.0-20141209	M-162D-30.0-20141210
Organo-phosphorus Pesticides	o-Ethyl o-2,4,5-trichlorophenyl ethyl-phosphonothioate	EPA 8141A			mg/kg	<0.0060	<0.0067	--	--	--	--	--	<0.0062	<0.0065	--	--	--	
Organo-chlorine Pesticides	Aldrin	EPA 8081	0.02	BCL	mg/kg	<0.0015	0.0016 UJ	--	--	--	--	--	<0.0015	<0.0016	--	--	--	
	alpha-BHC	EPA 8081	0.0266	BCL	mg/kg	<0.0015	0.0016 UJ	--	--	--	--	--	<0.0015	<0.0016	--	--	--	
	beta-BHC	EPA 8081	0.00545	BCL	mg/kg	<b>0.25</b>	0.0016 UJ	--	--	--	--	--	<b>0.29</b>	<0.0016	--	--	--	
	delta-BHC	EPA 8081	28.1	BCL	mg/kg	<0.0015	0.0016 UJ	--	--	--	--	--	<0.0015	<0.0016	--	--	--	
	gamma-BHC	EPA 8081	0.0005	BCL	mg/kg	<0.0015	0.0016 UJ	--	--	--	--	--	<0.0015	<0.0016	--	--	--	
	alpha-Chlordane	EPA 8081			mg/kg	<0.0020	0.0022 UJ	--	--	--	--	--	<0.0021	<0.0022	--	--	--	
	gamma-Chlordane	EPA 8081			mg/kg	<0.0015	0.0016 UJ	--	--	--	--	--	<0.0015	<0.0016	--	--	--	
	4,4'-DDD	EPA 8081	0.8	BCL	mg/kg	<0.0015	0.0016 UJ	--	--	--	--	--	<0.0015	<0.0016	--	--	--	
	2,4'-DDE	EPA 8081			mg/kg	<b>0.0058 J</b>	0.0016 UJ	--	--	--	--	--	<b>0.035 J</b>	<0.0016	--	--	--	
	4,4'-DDE	EPA 8081	3	BCL	mg/kg	<b>0.010</b>	0.0016 UJ	--	--	--	--	--	<b>0.081</b>	<0.0016	--	--	--	
	4,4'-DDT	EPA 8081	2	BCL	mg/kg	<b>0.0032 J</b>	0.0016 UJ	--	--	--	--	--	<b>0.080</b>	<0.0016	--	--	--	
	Dieldrin	EPA 8081	0.0002	BCL	mg/kg	<0.0015	0.0016 UJ	--	--	--	--	--	<0.0015	<0.0016	--	--	--	
	Endosulfan I	EPA 8081			mg/kg	<0.0015	0.0016 UJ	--	--	--	--	--	<0.0015	<0.0016	--	--	--	
	Endosulfan II	EPA 8081			mg/kg	<0.0015	0.0016 UJ	--	--	--	--	--	<0.0015	<0.0016	--	--	--	
	Endosulfan sulfate	EPA 8081			mg/kg	<0.0020	0.0022 UJ	--	--	--	--	--	<0.0021	<0.0022	--	--	--	
	Endrin	EPA 8081	0.05	BCL	mg/kg	<0.0015	0.0016 UJ	--	--	--	--	--	<0.0015	<0.0016	--	--	--	
	Endrin aldehyde	EPA 8081			mg/kg	<0.0015	0.0016 UJ	--	--	--	--	--	<0.0015	<0.0016	--	--	--	
Endrin ketone	EPA 8081			mg/kg	<0.0020	0.0022 UJ	--	--	--	--	--	<0.0021	<0.0022	--	--	--		
Heptachlor	EPA 8081	1	BCL	mg/kg	<0.0020	0.0022 UJ	--	--	--	--	--	<0.0021	<0.0022	--	--	--		
Heptachlor epoxide	EPA 8081	0.03	BCL	mg/kg	<0.0020	0.0022 UJ	--	--	--	--	--	<0.0021	<0.0022	--	--	--		
Methoxychlor	EPA 8081	8	BCL	mg/kg	<0.0015	0.0016 UJ	--	--	--	--	--	<0.0015	<0.0016	--	--	--		
Toxaphene	EPA 8081	2	BCL	mg/kg	<0.051	0.054 UJ	--	--	--	--	--	<0.052	<0.054	--	--	--		
PAHs	Acenaphthylene	EPA 8270	0.0106	CAL	mg/kg	<0.071	<0.076	--	--	--	--	--	<0.072	<0.076	--	--	--	
	Acenaphthylene	EPA 8270-SIM	0.0106	CAL	mg/kg	<0.0040	<0.0043	--	--	--	--	--	<0.0041	<0.0043	--	--	--	
	Benzo(a)anthracene	EPA 8270	0.08	BCL	mg/kg	<0.071	<0.076	--	--	--	--	--	<0.072	<0.076	--	--	--	
	Benzo(a)anthracene	EPA 8270-SIM	0.08	BCL	mg/kg	<0.0040	<0.0043	--	--	--	--	--	<0.0041	<0.0043	--	--	--	
	Benzo(a)pyrene	EPA 8270	0.4	BCL	mg/kg	<0.068	<0.073	--	--	--	--	--	<0.069	<0.072	--	--	--	
	Benzo(a)pyrene	EPA 8270-SIM	0.4	BCL	mg/kg	<0.0040	<0.0043	--	--	--	--	--	<b>0.0043 J</b>	<0.0043	--	--	--	
	Benzo(b)fluoranthene	EPA 8270	0.2	BCL	mg/kg	<0.071	<0.076	--	--	--	--	--	<0.072	<0.076	--	--	--	
	Benzo(b)fluoranthene	EPA 8270-SIM	0.2	BCL	mg/kg	<0.0040	<0.0043	--	--	--	--	--	<b>0.011 J</b>	<0.0043	--	--	--	
	Benzo(g,h,i)perylene	EPA 8270			mg/kg	<0.11	<0.12	--	--	--	--	--	<0.11	<0.12	--	--	--	
	Benzo(g,h,i)perylene	EPA 8270-SIM			mg/kg	<0.0040	<0.0043	--	--	--	--	--	<b>0.0056 J</b>	<0.0043	--	--	--	
	Indeno(1,2,3-cd)pyrene	EPA 8270	0.7	BCL	mg/kg	<0.13	<0.14	--	--	--	--	--	<0.13	<0.14	--	--	--	
	Indeno(1,2,3-cd)pyrene	EPA 8270-SIM	0.7	BCL	mg/kg	<0.0040	<0.0043	--	--	--	--	--	<b>0.0063 J</b>	<0.0043	--	--	--	
Phenanthrene	EPA 8270	0.0243	CAL	mg/kg	<0.068	<0.073	--	--	--	--	--	<0.069	<0.072	--	--	--		
Phenanthrene	EPA 8270-SIM	0.0243	CAL	mg/kg	<0.0040	<0.0043	--	--	--	--	--	<b>0.0051 J</b>	<0.0043	--	--	--		
PCBs	Aroclor-1260	EPA 8082	0.00549	RSL	mg/kg	<0.017	<0.018	--	--	--	--	--	<0.017	<0.018	--	--	--	
	PCB-001	EPA 1668A			pg/g	<b>13 J</b>	<0.27	--	--	--	--	--	<b>28 J</b>	<0.30	--	--	--	
	PCB-002	EPA 1668A			pg/g	<b>18 J</b>	<0.27	--	--	--	--	--	<b>55 J</b>	<0.29	--	--	--	
	PCB-003	EPA 1668A			pg/g	<b>44 J</b>	<0.27	--	--	--	--	--	<b>150 J</b>	<0.27	--	--	--	
	PCB-004	EPA 1668A			pg/g	<10	<7.1	--	--	--	--	--	<23	<4.7	--	--	--	
	PCB-005	EPA 1668A			pg/g	<9.1	<4.0	--	--	--	--	--	<16	<2.0	--	--	--	
	PCB-006	EPA 1668A			pg/g	<9.1	<4.0	--	--	--	--	--	<b>36 J</b>	<2.0	--	--	--	
	PCB-007	EPA 1668A			pg/g	<8.8	<3.8	--	--	--	--	--	<16	<1.9	--	--	--	
	PCB-008	EPA 1668A			pg/g	<b>26 J</b>	<3.7	--	--	--	--	--	<b>95 J</b>	<1.9	--	--	--	
	PCB-009	EPA 1668A			pg/g	<9.9	<4.3	--	--	--	--	--	<17	<2.2	--	--	--	
	PCB-010	EPA 1668A			pg/g	<7.1	<4.7	--	--	--	--	--	<14	<3.2	--	--	--	



TABLE A-6a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 8  
RI Data Evaluation  
Nevada Environmental Response Trust Site; Henderson, Nevada

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	M-161D						M-162D						
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	34-34.5 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	21-21.5 ft bgs	30-30.5 ft bgs
						M-161D-0.5-20141203	M-161D-5.0-20141203	M-161D-10.0-20141203	M-161D-10.0-20141203-FD	M-161D-15.0-20141203	M-161D-20.0-20141203	M-161D-34.0-20141203	M-162D-0.5-20141209	M-162D-5.0-20141209	M-162D-10.0-20141209	M-162D-15.0-20141209	M-162D-21.0-20141209	M-162D-30.0-20141210
PCBs	PCB-011	EPA 1668A			pg/g	30 J	<4.4	--	--	--	--	--	76 J	6.5 J	--	--	--	
	PCB-014	EPA 1668A			pg/g	<8.5	<3.7	--	--	--	--	--	<15	<1.9	--	--	--	
	PCB-015	EPA 1668A			pg/g	190	<4.9	--	--	--	--	--	540	<2.5	--	--	--	
	PCB-016	EPA 1668A			pg/g	3.2 J	<0.49	--	--	--	--	--	6.9 J	<0.30	--	--	--	
	PCB-017	EPA 1668A			pg/g	2.7 J	<0.39	--	--	--	--	--	5.1 J	<0.24	--	--	--	
	PCB-019	EPA 1668A			pg/g	1.2 J	<0.43	--	--	--	--	--	<1.8	<0.27	--	--	--	
	PCB-022	EPA 1668A			pg/g	5.6 J	<0.33	--	--	--	--	--	24 J	<0.29	--	--	--	
	PCB-023	EPA 1668A			pg/g	<3.6	<0.27	--	--	--	--	--	<10	<0.23	--	--	--	
	PCB-024	EPA 1668A			pg/g	1.4 J	<0.31	--	--	--	--	--	1.9 J	<0.19	--	--	--	
	PCB-025	EPA 1668A			pg/g	7.9 J	<0.27	--	--	--	--	--	17 J	<0.24	--	--	--	
	PCB-027	EPA 1668A			pg/g	1.1 J	<0.30	--	--	--	--	--	1.7 J	<0.19	--	--	--	
	PCB-031	EPA 1668A			pg/g	19 J	<0.28	--	--	--	--	--	49 J	0.61 J	--	--	--	
	PCB-032	EPA 1668A			pg/g	1.2 J	<0.24	--	--	--	--	--	2.4 J	<0.15	--	--	--	
	PCB-034	EPA 1668A			pg/g	<3.9	<0.30	--	--	--	--	--	<12	<0.26	--	--	--	
	PCB-035	EPA 1668A			pg/g	37 J	<0.34	--	--	--	--	--	130 J	<0.30	--	--	--	
	PCB-036	EPA 1668A			pg/g	18 J	<0.31	--	--	--	--	--	42 J	<0.27	--	--	--	
	PCB-037	EPA 1668A			pg/g	67 J	<0.42	--	--	--	--	--	190 J	<0.35	--	--	--	
	PCB-038	EPA 1668A			pg/g	5.0 J	<0.34	--	--	--	--	--	21 J	<0.30	--	--	--	
	PCB-039	EPA 1668A			pg/g	38 J	<0.30	--	--	--	--	--	48 J	<0.26	--	--	--	
	PCB-041	EPA 1668A			pg/g	4.8 J	<0.21	--	--	--	--	--	8.5 J	<0.16	--	--	--	
	PCB-042	EPA 1668A			pg/g	7.0 J	<0.17	--	--	--	--	--	13 J	<0.13	--	--	--	
	PCB-043	EPA 1668A			pg/g	4.8 J	<0.21	--	--	--	--	--	11 J	<0.15	--	--	--	
	PCB-045	EPA 1668A			pg/g	2.7 J	<0.21	--	--	--	--	--	6.1 J	<0.15	--	--	--	
	PCB-046	EPA 1668A			pg/g	1.3 J	<0.20	--	--	--	--	--	1.9 J	<0.15	--	--	--	
	PCB-048	EPA 1668A			pg/g	7.5 J	<0.17	--	--	--	--	--	16 J	<0.13	--	--	--	
	PCB-051	EPA 1668A			pg/g	2.8 J	<0.16	--	--	--	--	--	4.1 J	0.17 J	--	--	--	
	PCB-052	EPA 1668A			pg/g	27 J	0.38 J	--	--	--	--	--	110 J	0.85 J	--	--	--	
	PCB-054	EPA 1668A			pg/g	0.96 J	<0.17	--	--	--	--	--	<0.72	<0.12	--	--	--	
	PCB-055	EPA 1668A			pg/g	11 J	<0.19	--	--	--	--	--	29 J	<0.15	--	--	--	
	PCB-056	EPA 1668A			pg/g	44 J	<0.23	--	--	--	--	--	120 J	<0.18	--	--	--	
	PCB-057	EPA 1668A			pg/g	10 J	<0.22	--	--	--	--	--	39 J	<0.17	--	--	--	
	PCB-058	EPA 1668A			pg/g	<7.6	<0.22	--	--	--	--	--	20 J	<0.17	--	--	--	
	PCB-060	EPA 1668A			pg/g	11 J	<0.21	--	--	--	--	--	39 J	<0.17	--	--	--	
	PCB-063	EPA 1668A			pg/g	10 J	<0.20	--	--	--	--	--	25 J	<0.16	--	--	--	
	PCB-064	EPA 1668A			pg/g	8.0 J	<0.12	--	--	--	--	--	23 J	0.16 J	--	--	--	
PCB-066	EPA 1668A			pg/g	73 J	<0.24	--	--	--	--	--	230	0.33 J	--	--	--		
PCB-067	EPA 1668A			pg/g	13 J	<0.20	--	--	--	--	--	46 J	<0.16	--	--	--		
PCB-068	EPA 1668A			pg/g	18 J	<0.20	--	--	--	--	--	40 J	<0.16	--	--	--		
PCB-072	EPA 1668A			pg/g	18 J	<0.21	--	--	--	--	--	36 J	<0.16	--	--	--		
PCB-073	EPA 1668A			pg/g	3.3 J	<0.13	--	--	--	--	--	6.1 J	<0.097	--	--	--		
PCB-077	EPA 1668A			pg/g	67	<0.28	--	--	--	--	--	180	<0.22	--	--	--		
PCB-078	EPA 1668A			pg/g	34 J	<0.24	--	--	--	--	--	110 J	<0.19	--	--	--		
PCB-079	EPA 1668A			pg/g	49 J	<0.22	--	--	--	--	--	120 J	<0.18	--	--	--		
PCB-080	EPA 1668A			pg/g	18 J	<0.20	--	--	--	--	--	41 J	<0.16	--	--	--		
PCB-081	EPA 1668A	61.8	RSL	pg/g	30	<0.26	--	--	--	--	--	87	<0.20	--	--	--		
PCB-082	EPA 1668A			pg/g	61 J	<0.21	--	--	--	--	--	140 J	<0.25	--	--	--		
PCB-083	EPA 1668A			pg/g	<25	<0.23	--	--	--	--	--	<66	<0.28	--	--	--		
PCB-084	EPA 1668A			pg/g	24 J	<0.21	--	--	--	--	--	71 J	<0.25	--	--	--		
PCB-089	EPA 1668A			pg/g	<21	<0.19	--	--	--	--	--	<57	<0.24	--	--	--		

TABLE A-6a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 8  
RI Data Evaluation  
Nevada Environmental Response Trust Site; Henderson, Nevada

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	M-161D						M-162D						
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	34-34.5 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	21-21.5 ft bgs	30-30.5 ft bgs
						M-161D-0.5-20141203	M-161D-5.0-20141203	M-161D-10.0-20141203	M-161D-10.0-20141203-FD	M-161D-15.0-20141203	M-161D-20.0-20141203	M-161D-34.0-20141203	M-162D-0.5-20141209	M-162D-5.0-20141209	M-162D-10.0-20141209	M-162D-15.0-20141209	M-162D-21.0-20141209	M-162D-30.0-20141210
PCBs	PCB-092	EPA 1668A			pg/g	32 J	<0.18	--	--	--	--	--	76 J	<0.22	--	--	--	
	PCB-094	EPA 1668A			pg/g	<20	<0.18	--	--	--	--	--	<54	<0.23	--	--	--	
	PCB-095	EPA 1668A			pg/g	42 J	<0.18	--	--	--	--	--	150 J	0.30 J	--	--	--	
	PCB-096	EPA 1668A			pg/g	3.6 J	<0.12	--	--	--	--	--	5.0 J	<0.092	--	--	--	
	PCB-099	EPA 1668A			pg/g	43 J	0.20 J	--	--	--	--	--	140 J	<0.20	--	--	--	
	PCB-103	EPA 1668A			pg/g	<18	<0.16	--	--	--	--	--	<48	<0.20	--	--	--	
	PCB-104	EPA 1668A			pg/g	3.4 J	0.26 J	--	--	--	--	--	4.1 J	<0.091	--	--	--	
	PCB-105	EPA 1668A			pg/g	97	0.43 J	--	--	--	--	--	350	<0.18	--	--	--	
	PCB-106	EPA 1668A			pg/g	180	<0.14	--	--	--	--	--	430	<0.18	--	--	--	
	PCB-109	EPA 1668A			pg/g	80 J	<0.13	--	--	--	--	--	210	<0.16	--	--	--	
	PCB-111	EPA 1668A			pg/g	36 J	<0.12	--	--	--	--	--	95 J	<0.15	--	--	--	
	PCB-112	EPA 1668A			pg/g	16 J	<0.13	--	--	--	--	--	37 J	<0.16	--	--	--	
	PCB-114	EPA 1668A			pg/g	65	0.24 J	--	--	--	--	--	150	<0.18	--	--	--	
	PCB-118	EPA 1668A	1,010	RSL	pg/g	120	0.51 J	--	--	--	--	--	590	0.35 J	--	--	--	
	PCB-120	EPA 1668A			pg/g	46 J	<0.13	--	--	--	--	--	120 J	<0.16	--	--	--	
	PCB-121	EPA 1668A			pg/g	16 J	<0.12	--	--	--	--	--	<36	<0.15	--	--	--	
	PCB-122	EPA 1668A			pg/g	16 J	<0.15	--	--	--	--	--	<43	<0.18	--	--	--	
	PCB-123	EPA 1668A			pg/g	21	<0.14	--	--	--	--	--	<44	<0.17	--	--	--	
	PCB-126	EPA 1668A	0.303	RSL	pg/g	49	0.20 J	--	--	--	--	--	160	<0.24	--	--	--	
	PCB-127	EPA 1668A			pg/g	40 J	<0.14	--	--	--	--	--	120 J	<0.18	--	--	--	
	PCB-130	EPA 1668A			pg/g	65 J	<0.22	--	--	--	--	--	190 J	<0.25	--	--	--	
	PCB-131	EPA 1668A			pg/g	28 J	<0.21	--	--	--	--	--	56 J	<0.24	--	--	--	
	PCB-132	EPA 1668A			pg/g	48 J	<0.20	--	--	--	--	--	150 J	<0.22	--	--	--	
	PCB-133	EPA 1668A			pg/g	71 J	<0.20	--	--	--	--	--	150 J	<0.22	--	--	--	
	PCB-136	EPA 1668A			pg/g	20 J	<0.14	--	--	--	--	--	44 J	<0.16	--	--	--	
	PCB-137	EPA 1668A			pg/g	61 J	<0.18	--	--	--	--	--	220	<0.20	--	--	--	
	PCB-141	EPA 1668A			pg/g	69 J	<0.19	--	--	--	--	--	260	<0.22	--	--	--	
	PCB-142	EPA 1668A			pg/g	67 J	<0.19	--	--	--	--	--	120 J	<0.22	--	--	--	
	PCB-144	EPA 1668A			pg/g	57 J	<0.18	--	--	--	--	--	110 J	<0.20	--	--	--	
	PCB-145	EPA 1668A			pg/g	15 J	<0.13	--	--	--	--	--	21 J	<0.15	--	--	--	
	PCB-146	EPA 1668A			pg/g	200	<0.18	--	--	--	--	--	450	<0.20	--	--	--	
	PCB-148	EPA 1668A			pg/g	62 J	<0.18	--	--	--	--	--	100 J	<0.20	--	--	--	
	PCB-150	EPA 1668A			pg/g	28 J	<0.12	--	--	--	--	--	39 J	<0.14	--	--	--	
	PCB-152	EPA 1668A			pg/g	11 J	<0.13	--	--	--	--	--	16 J	<0.15	--	--	--	
	PCB-154	EPA 1668A			pg/g	85	<0.16	--	--	--	--	--	140 J	<0.18	--	--	--	
PCB-155	EPA 1668A			pg/g	21 J	0.24 J	--	--	--	--	--	27 J	<0.12	--	--	--		
PCB-158	EPA 1668A			pg/g	97	<0.13	--	--	--	--	--	250	<0.14	--	--	--		
PCB-159	EPA 1668A			pg/g	82	<0.18	--	--	--	--	--	240	<0.19	--	--	--		
PCB-160	EPA 1668A			pg/g	96	<0.15	--	--	--	--	--	190 J	<0.17	--	--	--		
PCB-161	EPA 1668A			pg/g	72 J	<0.14	--	--	--	--	--	150 J	<0.16	--	--	--		
PCB-162	EPA 1668A			pg/g	87	<0.16	--	--	--	--	--	240	<0.17	--	--	--		
PCB-164	EPA 1668A			pg/g	140	<0.14	--	--	--	--	--	270	<0.16	--	--	--		
PCB-165	EPA 1668A			pg/g	37 J	<0.16	--	--	--	--	--	84 J	<0.18	--	--	--		
PCB-167	EPA 1668A			pg/g	140	0.25 J	--	--	--	--	--	380	<0.17	--	--	--		
PCB-169	EPA 1668A	1.65	RSL	pg/g	21	<0.22	--	--	--	--	--	59	<0.24	--	--	--		
PCB-170	EPA 1668A			pg/g	75 J	<0.19	--	--	--	--	--	330	<0.15	--	--	--		
PCB-172	EPA 1668A			pg/g	300	<0.18	--	--	--	--	--	770	<0.15	--	--	--		
PCB-174	EPA 1668A			pg/g	170	<0.19	--	--	--	--	--	480	<0.15	--	--	--		
PCB-175	EPA 1668A			pg/g	230	<0.17	--	--	--	--	--	550	<0.18	--	--	--		

**TABLE A-6a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 8**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	M-161D						M-162D						
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	34-34.5 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	21-21.5 ft bgs	30-30.5 ft bgs
						M-161D-0.5-20141203	M-161D-5.0-20141203	M-161D-10.0-20141203	M-161D-10.0-20141203-FD	M-161D-15.0-20141203	M-161D-20.0-20141203	M-161D-34.0-20141203	M-162D-0.5-20141209	M-162D-5.0-20141209	M-162D-10.0-20141209	M-162D-15.0-20141209	M-162D-21.0-20141209	M-162D-30.0-20141210
PCBs	PCB-176	EPA 1668A			pg/g	130	<0.12	--	--	--	--	--	260	<0.12	--	--	--	
	PCB-177	EPA 1668A			pg/g	110	<0.18	--	--	--	--	--	300	<0.15	--	--	--	
	PCB-178	EPA 1668A			pg/g	150	<0.18	--	--	--	--	--	350	<0.18	--	--	--	
	PCB-179	EPA 1668A			pg/g	91	<0.13	--	--	--	--	--	200	<0.13	--	--	--	
	PCB-181	EPA 1668A			pg/g	98	<0.16	--	--	--	--	--	230	<0.13	--	--	--	
	PCB-182	EPA 1668A			pg/g	160	<0.16	--	--	--	--	--	340	<0.16	--	--	--	
	PCB-183	EPA 1668A			pg/g	230	0.29 J	--	--	--	--	--	590	<0.11	--	--	--	
	PCB-184	EPA 1668A			pg/g	240	<0.13	--	--	--	--	--	430	<0.13	--	--	--	
	PCB-185	EPA 1668A			pg/g	110	<0.18	--	--	--	--	--	260	<0.15	--	--	--	
	PCB-186	EPA 1668A			pg/g	37 J	<0.13	--	--	--	--	--	74 J	<0.13	--	--	--	
	PCB-187	EPA 1668A			pg/g	180	0.41 J	--	--	--	--	--	500	<0.16	--	--	--	
	PCB-188	EPA 1668A			pg/g	120	0.28 J	--	--	--	--	--	240	<0.13	--	--	--	
	PCB-189	EPA 1668A			pg/g	230	<0.28	--	--	--	--	--	650	<0.20	--	--	--	
	PCB-190	EPA 1668A			pg/g	110	<0.13	--	--	--	--	--	310	<0.10	--	--	--	
	PCB-191	EPA 1668A			pg/g	120	<0.13	--	--	--	--	--	230	<0.11	--	--	--	
	PCB-192	EPA 1668A			pg/g	80 J	<0.14	--	--	--	--	--	250	<0.11	--	--	--	
	PCB-194	EPA 1668A			pg/g	320	<0.30	--	--	--	--	--	1,200	<0.22	--	--	--	
	PCB-195	EPA 1668A			pg/g	160	<0.26	--	--	--	--	--	550	<0.19	--	--	--	
	PCB-196	EPA 1668A			pg/g	820	0.31 J	--	--	--	--	--	2,200	<0.34	--	--	--	
	PCB-197	EPA 1668A			pg/g	600	0.31 J	--	--	--	--	--	1,500	<0.21	--	--	--	
	PCB-200	EPA 1668A			pg/g	260	<0.21	--	--	--	--	--	510	<0.28	--	--	--	
	PCB-201	EPA 1668A			pg/g	710	0.39 J	--	--	--	--	--	1,700	<0.24	--	--	--	
	PCB-202	EPA 1668A			pg/g	220	0.32 J	--	--	--	--	--	550	<0.26	--	--	--	
	PCB-203	EPA 1668A			pg/g	400	0.33 J	--	--	--	--	--	1,000	<0.32	--	--	--	
	PCB-204	EPA 1668A			pg/g	470	<0.19	--	--	--	--	--	1,100	<0.25	--	--	--	
	PCB-205	EPA 1668A			pg/g	370	<0.28	--	--	--	--	--	1,100	<0.19	--	--	--	
	PCB-206	EPA 1668A			pg/g	2,900	1.8 J	--	--	--	--	--	9,100	<0.17	--	--	--	
	PCB-207	EPA 1668A			pg/g	4,300	2.3 J	--	--	--	--	--	13,000	<0.12	--	--	--	
	PCB-208	EPA 1668A			pg/g	2,600	1.5 J	--	--	--	--	--	7,700	<0.14	--	--	--	
	PCB-209	EPA 1668A			pg/g	35,000 J	21 J	--	--	--	--	--	100,000 J	7.0 J	--	--	--	
	PCBs 107+124	EPA 1668A			pg/g	54 J	<0.14	--	--	--	--	--	180 J	<0.17	--	--	--	
	PCBs 110+115	EPA 1668A			pg/g	210	0.49 J	--	--	--	--	--	640	0.48 J	--	--	--	
	PCBs 12+13	EPA 1668A			pg/g	48 J	<4.2	--	--	--	--	--	190 J	<2.1	--	--	--	
	PCBs 128+166	EPA 1668A			pg/g	95 J	<0.17	--	--	--	--	--	230 J	<0.19	--	--	--	
	PCBs 129+138+163	EPA 1668A			pg/g	230 J	0.67 J	--	--	--	--	--	800	0.31 J	--	--	--	
	PCBs 134+143	EPA 1668A			pg/g	43 J	<0.21	--	--	--	--	--	97 J	<0.23	--	--	--	
	PCBs 135+151	EPA 1668A			pg/g	110 J	<0.19	--	--	--	--	--	240 J	<0.21	--	--	--	
	PCBs 139+140	EPA 1668A			pg/g	75 J	<0.18	--	--	--	--	--	150 J	<0.20	--	--	--	
	PCBs 147+149	EPA 1668A			pg/g	130 J	0.43 J	--	--	--	--	--	360 J	0.47 J	--	--	--	
	PCBs 153+168	EPA 1668A			pg/g	160	0.62 J	--	--	--	--	--	550	0.34 J	--	--	--	
	PCBs 156+157	EPA 1668A			pg/g	160	0.53 J	--	--	--	--	--	520	<0.24	--	--	--	
	PCBs 171+173	EPA 1668A			pg/g	120 J	<0.18	--	--	--	--	--	440	<0.15	--	--	--	
	PCBs 18+30	EPA 1668A			pg/g	6.0 J	<0.34	--	--	--	--	--	12 J	0.43 J	--	--	--	
	PCBs 180+193	EPA 1668A			pg/g	470	0.34 J	--	--	--	--	--	1,500	<0.12	--	--	--	
	PCBs 198+199	EPA 1668A			pg/g	930	0.71 J	--	--	--	--	--	2,500	<0.36	--	--	--	
	PCBs 20+28	EPA 1668A			pg/g	25 J	<0.31	--	--	--	--	--	51 J	0.74 J	--	--	--	
	PCBs 21+33	EPA 1668A			pg/g	18 J	<0.27	--	--	--	--	--	39 J	0.37 J	--	--	--	
	PCBs 26+29	EPA 1668A			pg/g	12 J	<0.29	--	--	--	--	--	30 J	<0.26	--	--	--	
	PCBs 40+71	EPA 1668A			pg/g	45 J	<0.17	--	--	--	--	--	83 J	<0.13	--	--	--	

**TABLE A-6a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 8**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	M-161D						M-162D						
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	34-34.5 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	21-21.5 ft bgs	30-30.5 ft bgs
						M-161D-0.5-20141203	M-161D-5.0-20141203	M-161D-10.0-20141203	M-161D-10.0-20141203-FD	M-161D-15.0-20141203	M-161D-20.0-20141203	M-161D-34.0-20141203	M-162D-0.5-20141209	M-162D-5.0-20141209	M-162D-10.0-20141209	M-162D-15.0-20141209	M-162D-21.0-20141209	M-162D-30.0-20141210
PCBs	PCBs 44+47+65	EPA 1668A			pg/g	35 J	1.0 J	--	--	--	--	--	82 J	0.78 J	--	--	--	
	PCBs 49+69	EPA 1668A			pg/g	20 J	<0.15	--	--	--	--	--	45 J	0.26 J	--	--	--	
	PCBs 50+53	EPA 1668A			pg/g	3.0 J	<0.16	--	--	--	--	--	7.3 J	<0.12	--	--	--	
	PCBs 59+62+75	EPA 1668A			pg/g	28 J	<0.13	--	--	--	--	--	<0.83	<0.095	--	--	--	
	PCBs 61+70+74+76	EPA 1668A			pg/g	110 J	<0.21	--	--	--	--	--	410 J	0.83 J	--	--	--	
	PCBs 85+116+117	EPA 1668A			pg/g	140 J	<0.15	--	--	--	--	--	280 J	<0.18	--	--	--	
	PCBs 86+87+97+108+119+125	EPA 1668A			pg/g	180 J	0.44 J	--	--	--	--	--	510 J	<0.19	--	--	--	
	PCBs 88+91	EPA 1668A			pg/g	34 J	<0.17	--	--	--	--	--	63 J	<0.21	--	--	--	
	PCBs 90+101+113	EPA 1668A			pg/g	110 J	0.53 J	--	--	--	--	--	360 J	0.54 J	--	--	--	
	PCBs 93+100	EPA 1668A			pg/g	21 J	<0.17	--	--	--	--	--	<51	<0.21	--	--	--	
	PCBs 98+102	EPA 1668A			pg/g	<18	<0.16	--	--	--	--	--	<46	<0.20	--	--	--	
Dioxins/Furans	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	EPA 8290			pg/g	280	0.21 J	--	--	--	--	--	1,000	<0.094	--	--	--	
	1,2,3,4,6,7,8-Heptachlorodibenzofuran	EPA 8290			pg/g	3,900	<0.52	--	--	--	--	--	15,000	0.85 J	--	--	--	
	1,2,3,4,7,8,9-Heptachlorodibenzofuran	EPA 8290			pg/g	1,400	<0.62	--	--	--	--	--	5,100	<0.17	--	--	--	
	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	EPA 8290			pg/g	34	<0.13	--	--	--	--	--	130	<0.087	--	--	--	
	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	EPA 8290			pg/g	73	<0.11	--	--	--	--	--	290	<0.071	--	--	--	
	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	EPA 8290			pg/g	76	<0.10	--	--	--	--	--	290	0.094 J	--	--	--	
	1,2,3,4,7,8-Hexachlorodibenzofuran	EPA 8290			pg/g	1,500	<0.26	--	--	--	--	--	6,600	<0.15	--	--	--	
	1,2,3,6,7,8-Hexachlorodibenzofuran	EPA 8290			pg/g	880	0.20 UJ	--	--	--	--	--	3,800	<0.12	--	--	--	
	1,2,3,7,8,9-Hexachlorodibenzofuran	EPA 8290			pg/g	100	<0.25	--	--	--	--	--	<340	<0.15	--	--	--	
	2,3,4,6,7,8-Hexachlorodibenzofuran	EPA 8290			pg/g	190	<0.23	--	--	--	--	--	710	<0.14	--	--	--	
	HpCDD (total)	EPA 8290			pg/g	450	0.21 J	--	--	--	--	--	1,700	<0.094	--	--	--	
	HpCDF (total)	EPA 8290			pg/g	8,000	<0.62	--	--	--	--	--	30,000	0.85 J	--	--	--	
	HxCDD (total)	EPA 8290			pg/g	540	<0.13	--	--	--	--	--	2,300	0.094 J	--	--	--	
	HxCDF (total)	EPA 8290			pg/g	6,200	0.26 UJ	--	--	--	--	--	26,000	<0.15	--	--	--	
	1,2,3,4,5,6,7,8-Octachlorodibenzo-p-dioxin	EPA 8290			pg/g	300	1.6 J	--	--	--	--	--	1,100	1.3 J	--	--	--	
	1,2,3,4,5,6,7,8-Octachlorodibenzofuran	EPA 8290			pg/g	12,000 J	8.5 J	--	--	--	--	--	39,000	4.2 J	--	--	--	
	PeCDD (total)	EPA 8290			pg/g	450	<0.14	--	--	--	--	--	1,900	<0.082	--	--	--	
	PeCDF (total)	EPA 8290			pg/g	5,600	0.47 J	--	--	--	--	--	21,000	<0.14	--	--	--	
	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	EPA 8290			pg/g	43	<0.14	--	--	--	--	--	170	<0.082	--	--	--	
	1,2,3,7,8-Pentachlorodibenzofuran	EPA 8290			pg/g	730	<0.24	--	--	--	--	--	2,400	<0.13	--	--	--	
	2,3,4,7,8-Pentachlorodibenzofuran	EPA 8290			pg/g	340	<0.24	--	--	--	--	--	1,200	<0.14	--	--	--	
	TCDD (total)	EPA 8290			pg/g	360	<0.056	--	--	--	--	--	900	<0.049	--	--	--	
	TCDF (total)	EPA 8290			pg/g	4,700	0.41 J	--	--	--	--	--	13,000	<0.066	--	--	--	
	2,3,7,8-Tetrachlorodibenzo-p-dioxin	EPA 8290	15	RSL	pg/g	14	<0.056	--	--	--	--	33	<0.049	--	--	--		

**TABLE A-6a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 8**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	M-161D						M-162D						
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	34-34.5 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	21-21.5 ft bgs	30-30.5 ft bgs
						M-161D-0.5-20141203	M-161D-5.0-20141203	M-161D-10.0-20141203	M-161D-10.0-20141203-FD	M-161D-15.0-20141203	M-161D-20.0-20141203	M-161D-34.0-20141203	M-162D-0.5-20141209	M-162D-5.0-20141209	M-162D-10.0-20141209	M-162D-15.0-20141209	M-162D-21.0-20141209	M-162D-30.0-20141210
Dioxins/Furans	2,3,7,8-Tetrachlorodibenzofuran	EPA 8290			pg/g	710	0.21 J	--	--	--	--	--	1,200	<0.066	--	--	--	--
	Total PCB TEQs (calculated by TAS)	EPA 8280A			pg/g	5.6	0.023	--	--	--	--	--	18	0.016	--	--	--	--
	Total TEQ (Calculated)	EPA 8280A			pg/g	590	0.23	--	--	--	--	--	2,200	0.15	--	--	--	--
Organic Acids	Phthalic acid	EPA 8270			µg/kg	<1,300	<1,400	--	--	--	--	--	<1,300	<1,300	--	--	--	--
Radionuclides	Radium-226	EPA 903.0	0.006	BCL	pCi/g	1.34	1.23	--	--	--	--	--	1.26	1.26	--	--	--	--
	Radium-228	EPA 904.0	0.006	BCL	pCi/g	1.22	0.921	--	--	--	--	--	1.41	0.913	--	--	--	--
	Thorium-228	DOE A-01-R	0.0027	BCL	pCi/g	2.57	1.41	--	--	--	--	--	1.92	1.60	--	--	--	--
	Thorium-230	DOE A-01-R	0.001	BCL	pCi/g	1.44	1.18	--	--	--	--	--	1.10	1.27	--	--	--	--
	Thorium-232	DOE A-01-R	0.0035	BCL	pCi/g	1.96	1.42	--	--	--	--	--	1.65	1.40	--	--	--	--
	Uranium-233/234	DOE A-01-R			pCi/g	1.02	0.949	--	--	--	--	--	0.929	1.09	--	--	--	--
	Uranium-235/236	DOE A-01-R			pCi/g	0.0913	0.0822	--	--	--	--	--	0.0439	0.123	--	--	--	--
	Uranium-238	DOE A-01-R			pCi/g	0.998	0.734	--	--	--	--	--	0.975	1.34	--	--	--	--
	Uranium-238	EPA 6020	13.5	BCL	mg/kg	0.96	1.1	--	--	--	--	1.1	1.4	--	--	--	--	
Total Petroleum Hydrocarbons	Diesel Range Organics (C10-C28)	EPA 8015			mg/kg	3.2 J	<2.7	--	--	--	--	--	5.2	<2.7	--	--	--	--
	EFH (C10-C40)	EPA 8015			mg/kg	6.1	2.7 J	--	--	--	--	--	9.1	3.1 J	--	--	--	--
	Gasoline Range Organics (C6-C10)	EPA 8015			µg/kg	<150	<160	--	--	--	--	--	<150	<160	--	--	--	--
	Petroleum Hydrocarbons (C29-C40)	EPA 8015			mg/kg	2.9 J	<2.7	--	--	--	--	--	3.9 J	<2.7	--	--	--	--
General Chemistry	Alkalinity (as CaCO3)	SM 2320			mg/kg	13,000	36,000	--	--	--	--	--	26,000	20,000	--	--	--	--
	Ammonia (as NH3)	SM 4500			mg/kg	<2.5	<2.6	--	--	--	--	--	<2.5	<2.6	--	--	--	--
	Bicarbonate as HCO3	SM 2320			mg/kg	15,000	41,000	--	--	--	--	--	29,000	22,000	--	--	--	--
	Bromide	EPA 300			mg/kg	<3.6	<3.8	--	--	--	--	--	<3.6	<3.8	--	--	--	--
	Carbonate (CO3)	SM 2320			mg/kg	300	970	--	--	--	--	--	1,200	1,300	--	--	--	--
	Chloride	EPA 300			mg/kg	250	920	--	--	--	--	--	55	51	--	--	--	--
	Hydroxide	SM 2320			mg/kg	<170	<180	--	--	--	--	--	<170	<180	--	--	--	--
	Nitrate	EPA 300	7	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--
	Nitrate (as NO3)	EPA 300			mg/kg	59	79	--	--	--	--	--	24	17	--	--	--	--
	Nitrate/Nitrite	EPA 300			mg/kg	13	18	--	--	--	--	--	5.4	3.8	--	--	--	--
	Nitrite	EPA 300			mg/kg	<1.1	<1.2	--	--	--	--	--	<1.1	<1.2	--	--	--	--
	ortho-Phosphate (total) (as PO4)	EPA 300			mg/kg	<4.1	<4.3	--	--	--	--	--	<4.2	<4.3	--	--	--	--
	Phosphorus (total)	EPA 6010	0.00148	RSL	mg/kg	1,300	630	--	--	--	--	--	1,000	840	--	--	--	--
	Silicon	EPA 6010			mg/kg	160 J	140 J	--	--	--	--	--	200	150	--	--	--	--
Sulfate	EPA 300			mg/kg	410	110	--	--	--	--	--	100	810	--	--	--	--	
Sulfur	EPA 6020			mg/kg	810 J	730 J	--	--	--	--	--	550 J	910 J	--	--	--	--	
pH	EPA 9045			s.u.	--	--	--	--	--	--	--	9.16	8.22	--	--	--	--	

**Notes:**

ft bgs: feet below ground surface

FD: Field Duplicate

Above Screening Level

bold value: detection

Soil screening levels were selected according to the following hierarchy of criteria:

1. Basic Comparison Level (BCL): Leaching-based basic comparison levels (LBCL) with dilution attenuation factor (DAF) of 1 in the most recent version of Nevada Division of

**Sources:**

NDEP, 2015. User's Guide and Background Technical Document for NDEP Basic

Comparison Levels (BCLs) for Human Health for the BMI Complex and Common Areas. Revision 13, February.

USEPA, 2015. Regional Screening Levels (RSL) for Chemical Contaminants at Superfund Sites. June.

**TABLE A-6a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 8**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	M-161D						M-162D					
						0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	34-34.5 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	21-21.5 ft bgs
			Level	Source		M-161D-0.5-20141203	M-161D-5.0-20141203	M-161D-10.0-20141203	M-161D-10.0-20141203-FD	M-161D-15.0-20141203	M-161D-20.0-20141203	M-161D-34.0-20141203	M-162D-0.5-20141209	M-162D-5.0-20141209	M-162D-10.0-20141209	M-162D-15.0-20141209	M-162D-21.0-20141209

Environmental Protection (NDEP) documents (February 2015).

2. Regional Screening Level (RSL): United States Environmental Protection Agency (USEPA) Regional Screening Levels (RSL) for groundwater protection (June 2015), with the maximum contaminant level (MCL) based screening levels selected over the risk-based screening levels, if available (USEPA 2015)
3. Calculated Criteria (CAL): Generic leaching-based BCLs (LBCLs) calculated using the approach presented in NDEP guidance (NDEP 2015).

**TABLE A-6a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 8**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	M-186D								
			Level	Source		0.5-1 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	30-30.5 ft bgs	40-40.5 ft bgs	
						M-186D-0.5-20141208	M-186D-0.5-20141208-FD	M-186D-5.0-20141208	M-186D-10.0-20141208	M-186D-15.0-20141208	M-186D-20.0-20141208	M-186D-30.0-20141209	M-186D-40.0-20141209	
Chlorates	Chlorate	EPA 300.1	1.03	BCL	mg/kg	17,000	17,000	17	--	--	--	--	--	--
	Perchlorate	EPA 314.0	0.0185	BCL	mg/kg	100	120	13	--	--	--	--	--	--
Common Metals	Aluminum	EPA 6010	75	BCL	mg/kg	9,300	10,000	8,000	--	--	--	--	--	--
	Antimony	EPA 6020	0.3	BCL	mg/kg	0.93 J	0.84 J	0.53 UJ	--	--	--	--	--	--
	Arsenic	EPA 6020	1	BCL	mg/kg	13	11	3.6	--	--	--	--	--	--
	Barium	EPA 6010	82	BCL	mg/kg	620 J	600 J	220 J	--	--	--	--	--	--
	Boron	EPA 6010	21.4	BCL	mg/kg	<26	<26	9.1	--	--	--	--	--	--
	Cadmium	EPA 6010	0.4	BCL	mg/kg	<2.6	<2.6	0.41 J	--	--	--	--	--	--
	Chromium (total)	EPA 6010	180,000	RSL	mg/kg	19	18	12	--	--	--	--	--	--
	Cobalt	EPA 6010	0.453	BCL	mg/kg	420	330	50	--	--	--	--	--	--
	Copper	EPA 6010	45.8	BCL	mg/kg	110	99	31	--	--	--	--	--	--
	Iron	EPA 6010	7.56	BCL	mg/kg	15,000	16,000	15,000	--	--	--	--	--	--
	Lead	EPA 6010	13.5	RSL	mg/kg	27 J	26 J	12	--	--	--	--	--	--
	Magnesium	EPA 6010	889	BCL	mg/kg	9,000	11,000	9,900	--	--	--	--	--	--
	Manganese	EPA 6010	1.3	BCL	mg/kg	29,000	25,000	3,500	--	--	--	--	--	--
	Mercury	EPA 7471	0.104	BCL	mg/kg	0.34	0.40	0.059	--	--	--	--	--	--
	Molybdenum	EPA 6010	3.37	BCL	mg/kg	<10	<10	<1.1	--	--	--	--	--	--
	Nickel	EPA 6010	7	BCL	mg/kg	180	140	32	--	--	--	--	--	--
	Selenium	EPA 6020	0.3	BCL	mg/kg	0.52 UJ	0.58 J	<0.53	--	--	--	--	--	--
	Silver	EPA 6010	0.85	BCL	mg/kg	<7.7	<7.7	0.89 J	--	--	--	--	--	--
Thallium	EPA 6020	0.4	BCL	mg/kg	1.7	1.4	0.29 J	--	--	--	--	--	--	
Zinc	EPA 6010	620	BCL	mg/kg	190	160	47	--	--	--	--	--	--	
Hexavalent Chromium	Chromium VI	EPA 7199	2	BCL	mg/kg	--	--	--	--	--	--	--	--	--
Rare Metals	Niobium	EPA 6020	1.17	BCL	mg/kg	1.9 J	2.2 J	<1.8	--	--	--	--	--	--
	Palladium	EPA 6020			mg/kg	<0.055	<0.056	<0.051	--	--	--	--	--	--
	Strontium	EPA 6010	422	RSL	mg/kg	270 J	260 J	210 J	--	--	--	--	--	--
	Tungsten	EPA 6010	37.6	BCL	mg/kg	52 UJ	51 UJ	5.3 UJ	--	--	--	--	--	--
	Zirconium	EPA 6010	4.79	RSL	mg/kg	<26	<26	18	--	--	--	--	--	--
VOCs	Acetone	EPA 8260	0.8	BCL	mg/kg	0.036	0.036	<0.0080	<0.0081	<0.0078	<0.0078	<0.0088	<0.0093	
	t-Amyl methyl ether	EPA 8260			mg/kg	0.00099 UJ	0.00099 UJ	0.0010 UJ	0.0010 UJ	0.00097 UJ	0.00098 UJ	<0.0011	<0.0012	
	Benzene	EPA 8260	0.002	BCL	mg/kg	<0.00050	<0.00049	<0.00050	<0.00050	<0.00049	<0.00049	<0.00055	<0.00058	
	Bromobenzene	EPA 8260	0.0421	RSL	mg/kg	<0.00099	<0.00099	<0.0010	<0.0010	<0.00097	<0.00098	<0.0011	<0.0012	
	Bromochloromethane	EPA 8260			mg/kg	<0.00099	<0.00099	<0.0010	<0.0010	<0.00097	<0.00098	<0.0011	<0.0012	
	Bromodichloromethane	EPA 8260	0.03	BCL	mg/kg	0.00050 UJ	0.00049 UJ	0.00050 UJ	0.00050 UJ	0.00049 UJ	0.00049 UJ	<0.00055	<0.00058	
	Bromoform	EPA 8260	0.04	BCL	mg/kg	0.00099 UJ	0.00099 UJ	0.0010 UJ	0.0010 UJ	0.00097 UJ	0.00098 UJ	<0.0011	<0.0012	
	Bromomethane	EPA 8260	0.01	BCL	mg/kg	<0.00099	<0.00099	<0.0010	<0.0010	<0.00097	<0.00098	<0.0011	<0.0012	
	2-Butanone	EPA 8260	1.16	RSL	mg/kg	<0.0050	<0.0049	<0.0050	<0.0050	<0.0049	<0.0049	<0.0055	<0.0058	
	n-Butylbenzene	EPA 8260	3.23	RSL	mg/kg	<0.00099	<0.00099	<0.0010	<0.0010	<0.00097	<0.00098	<0.0011	<0.0012	
	sec-Butylbenzene	EPA 8260	5.87	RSL	mg/kg	<0.00099	<0.00099	<0.0010	<0.0010	<0.00097	<0.00098	<0.0011	<0.0012	
	Carbon tetrachloride	EPA 8260	0.003	BCL	mg/kg	0.00050 UJ	0.00049 UJ	0.00050 UJ	0.00050 UJ	0.00049 UJ	0.00049 UJ	0.00055 UJ	0.00058 UJ	
	Chlorobenzene	EPA 8260	0.07	BCL	mg/kg	<0.00050	<0.00049	<0.00050	<0.00050	<0.00049	<0.00049	<0.00055	<0.00058	
	Chloroethane	EPA 8260	5.92	RSL	mg/kg	<0.00099	<0.00099	<0.0010	<0.0010	<0.00097	<0.00098	<0.0011	<0.0012	
	Chloroform	EPA 8260	0.03	BCL	mg/kg	<0.00050	<0.00049	<0.00050	<0.00050	<0.00049	<0.00049	<0.00055	<0.00058	
	Chloromethane	EPA 8260	0.0486	RSL	mg/kg	<0.00099	<0.00099	<0.0010	<0.0010	<0.00097	<0.00098	<0.0011	<0.0012	
	2-Chlorotoluene	EPA 8260	0.231	RSL	mg/kg	<0.00099	<0.00099	<0.0010	<0.0010	<0.00097	<0.00098	<0.0011	<0.0012	
	4-Chlorotoluene	EPA 8260	0.241	RSL	mg/kg	<0.00099	<0.00099	<0.0010	<0.0010	<0.00097	<0.00098	<0.0011	<0.0012	
Cumene	EPA 8260	0.738	RSL	mg/kg	<0.00050	<0.00049	<0.00050	<0.00050	<0.00049	<0.00049	<0.00055	<0.00058		
p-Cymene	EPA 8260	3.91	CAL	mg/kg	<0.00050	<0.00049	<0.00050	<0.00050	<0.00049	<0.00049	<0.00055	<0.00058		



**TABLE A-6a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 8**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	M-186D							
			Level	Source		0.5-1 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	30-30.5 ft bgs	40-40.5 ft bgs
						M-186D-0.5-20141208	M-186D-0.5-20141208-FD	M-186D-5.0-20141208	M-186D-10.0-20141208	M-186D-15.0-20141208	M-186D-20.0-20141208	M-186D-30.0-20141209	M-186D-40.0-20141209
VOCs	Dibromochloromethane	EPA 8260	0.02	BCL	mg/kg	0.00050 UJ	0.00049 UJ	0.00050 UJ	0.00050 UJ	0.00049 UJ	0.00049 UJ	<0.00055	<0.00058
	1,2-Dibromoethane	EPA 8260	0.000141	RSL	mg/kg	<0.00050	<0.00049	<0.00050	<0.00050	<0.00049	<0.00049	<0.00055	<0.00058
	Dibromomethane	EPA 8260	0.00197	RSL	mg/kg	<0.00050	<0.00049	<0.00050	<0.00050	<0.00049	<0.00049	<0.00055	<0.00058
	1,2-Dichlorobenzene	EPA 8260	0.9	BCL	mg/kg	<0.00050	<0.00049	<0.00050	<0.00050	<0.00049	<0.00049	<0.00055	<0.00058
	1,3-Dichlorobenzene	EPA 8260	0.0473	CAL	mg/kg	<0.00050	<0.00049	<0.00050	<0.00050	<0.00049	<0.00049	<0.00055	<0.00058
	1,4-Dichlorobenzene	EPA 8260	0.1	BCL	mg/kg	<0.00050	<0.00049	<0.00050	<0.00050	<0.00049	<0.00049	<0.00055	<0.00058
	Dichlorodifluoromethane	EPA 8260	0.304	RSL	mg/kg	0.00099 UJ	0.00099 UJ	0.0010 UJ	0.0010 UJ	0.00097 UJ	0.00098 UJ	0.0011 UJ	0.0012 UJ
	1,1-Dichloroethane	EPA 8260	1	BCL	mg/kg	<0.00050	<0.00049	<0.00050	<0.00050	<0.00049	<0.00049	<0.00055	<0.00058
	1,2-Dichloroethane	EPA 8260	0.001	BCL	mg/kg	<0.00050	<0.00049	<0.00050	<0.00050	<0.00049	<0.00049	<0.00055	<0.00058
	1,1-Dichloroethene	EPA 8260	0.003	BCL	mg/kg	<0.00050	<0.00049	<0.00050	<0.00050	<0.00049	<0.00049	<0.00055	<0.00058
	cis-1,2-Dichloroethene	EPA 8260	0.02	BCL	mg/kg	<0.00050	<0.00049	<0.00050	<0.00050	<0.00049	<0.00049	<0.00055	<0.00058
	trans-1,2-Dichloroethene	EPA 8260	0.03	BCL	mg/kg	<0.00050	<0.00049	<0.00050	<0.00050	<0.00049	<0.00049	0.00055 UJ	0.00058 UJ
	1,2-Dichloropropane	EPA 8260	0.001	BCL	mg/kg	<0.00050	<0.00049	<0.00050	<0.00050	<0.00049	<0.00049	<0.00055	<0.00058
	1,3-Dichloropropane	EPA 8260	0.001	BCL	mg/kg	<0.00050	<0.00049	<0.00050	<0.00050	<0.00049	<0.00049	<0.00055	<0.00058
	2,2-Dichloropropane	EPA 8260			mg/kg	0.00099 UJ	0.00099 UJ	0.0010 UJ	0.0010 UJ	0.00097 UJ	0.00098 UJ	0.0011 UJ	0.0012 UJ
	1,1-Dichloropropene	EPA 8260			mg/kg	<0.00050	<0.00049	<0.00050	<0.00050	<0.00049	<0.00049	0.00055 UJ	0.00058 UJ
	cis-1,3-Dichloropropene	EPA 8260			mg/kg	0.00050 UJ	0.00049 UJ	0.00050 UJ	0.00050 UJ	0.00049 UJ	0.00049 UJ	<0.00055	<0.00058
	trans-1,3-Dichloropropene	EPA 8260			mg/kg	0.00050 UJ	0.00049 UJ	0.00050 UJ	0.00050 UJ	0.00049 UJ	0.00049 UJ	0.00055 UJ	0.00058 UJ
	Diisopropyl ether	EPA 8260			mg/kg	<0.00099	<0.00099	<0.0010	<0.0010	<0.00097	<0.00098	<0.0011	<0.0012
	Ethyl benzene	EPA 8260	0.7	BCL	mg/kg	<0.00050	<0.00049	<0.00050	<0.00050	<0.00049	<0.00049	<0.00055	<0.00058
	Ethyl tert-butyl ether	EPA 8260			mg/kg	0.00099 UJ	0.00099 UJ	0.0010 UJ	0.0010 UJ	0.00097 UJ	0.00098 UJ	<0.0011	<0.0012
	Hexachlorobutadiene	EPA 8260	0.1	BCL	mg/kg	<0.00099	<0.00099	<0.0010	<0.0010	<0.00097	<0.00098	<0.0011	<0.0012
	2-Hexanone	EPA 8260			mg/kg	<0.0050	<0.0049	<0.0050	<0.0050	<0.0049	<0.0049	<0.0055	<0.0058
	Methyl tert-butyl ether	EPA 8260			mg/kg	0.00099 UJ	0.00099 UJ	0.0010 UJ	0.0010 UJ	0.00097 UJ	0.00098 UJ	<0.0011	<0.0012
	Methylene chloride	EPA 8260	0.001	BCL	mg/kg	<0.0050	<0.0049	<0.0050	<0.0050	<0.0049	<0.0049	<0.0055	<0.0058
	Naphthalene	EPA 8260	4	BCL	mg/kg	<0.00099	<0.00099	<0.0010	<0.0010	<0.00097	<0.00098	<0.0011	<0.0012
	n-Propylbenzene	EPA 8260	1.22	RSL	mg/kg	<0.00050	<0.00049	<0.00050	<0.00050	<0.00049	<0.00049	<0.00055	<0.00058
	Styrene	EPA 8260	0.2	BCL	mg/kg	<0.00050	<0.00049	<0.00050	<0.00050	<0.00049	<0.00049	<0.00055	<0.00058
	1,1,1,2-Tetrachloroethane	EPA 8260	0.000218	RSL	mg/kg	0.00099 UJ	0.00099 UJ	0.0010 UJ	0.0010 UJ	0.00097 UJ	0.00098 UJ	<0.0011	<0.0012
	1,1,2,2-Tetrachloroethane	EPA 8260	0.0002	BCL	mg/kg	<0.00099	<0.00099	<0.0010	<0.0010	<0.00097	<0.00098	<0.0011	<0.0012
	Tetrachloroethene	EPA 8260	0.003	BCL	mg/kg	<0.00050	<0.00049	<0.00050	<0.00050	<0.00049	<0.00049	<0.00055	<0.00058
	Toluene	EPA 8260	0.6	BCL	mg/kg	<0.00050	<0.00049	<0.00050	<0.00050	<0.00049	<0.00049	<0.00055	<0.00058
	1,2,3-Trichlorobenzene	EPA 8260	0.0209	RSL	mg/kg	<0.00099	<0.00099	<0.0010	<0.0010	<0.00097	<0.00098	<0.0011	<0.0012
	1,2,4-Trichlorobenzene	EPA 8260	0.3	BCL	mg/kg	<0.00099	<0.00099	<0.0010	<0.0010	<0.00097	<0.00098	<0.0011	<0.0012
	1,1,1-Trichloroethane	EPA 8260	0.1	BCL	mg/kg	0.00050 UJ	0.00049 UJ	0.00050 UJ	0.00050 UJ	0.00049 UJ	0.00049 UJ	0.00055 UJ	0.00058 UJ
	1,1,2-Trichloroethane	EPA 8260	0.0009	BCL	mg/kg	<0.00050	<0.00049	<0.00050	<0.00050	<0.00049	<0.00049	<0.00055	<0.00058
	Trichloroethene	EPA 8260	0.003	BCL	mg/kg	<0.00050	<0.00049	<0.00050	<0.00050	<0.00049	<0.00049	<0.00055	<0.00058
	Trichlorofluoromethane	EPA 8260	0.731	RSL	mg/kg	0.00099 UJ	0.00099 UJ	0.0010 UJ	0.0010 UJ	0.00097 UJ	0.00098 UJ	<0.0011	<0.0012
	1,2,3-Trichloropropane	EPA 8260	0.00000323	RSL	mg/kg	<0.00099	<0.00099	<0.0010	<0.0010	<0.00097	<0.00098	0.0011 UJ	0.0012 UJ
	1,2,4-Trimethylbenzene	EPA 8260	0.0212	RSL	mg/kg	<0.00099	<0.00099	<0.0010	<0.0010	<0.00097	<0.00098	<0.0011	<0.0012
1,3,5-Trimethylbenzene	EPA 8260	0.167	RSL	mg/kg	<0.00099	<0.00099	<0.0010	<0.0010	<0.00097	<0.00098	<0.0011	<0.0012	
Vinyl chloride	EPA 8260	0.0007	BCL	mg/kg	<0.00099	<0.00099	<0.0010	<0.0010	<0.00097	<0.00098	<0.0011	<0.0012	
m,p-Xylene	EPA 8260			mg/kg	0.00099 UJ	<b>0.0015 J</b>	<0.0010	<0.0010	<0.00097	<0.00098	<0.0011	<0.0012	
o-Xylene	EPA 8260	9	BCL	mg/kg	<0.00050	<0.00049	<0.00050	<0.00050	<0.00049	<0.00049	<0.00055	<0.00058	
1,2-Dibromo-3-chloropropane	EPA 8260	0.0000864	RSL	mg/kg	0.0020 UJ	0.0020 UJ	0.0020 UJ	0.0020 UJ	0.0019 UJ	0.0020 UJ	<0.0022	<0.0023	
4-Methyl-2-pentanone	EPA 8260			mg/kg	<0.0025	<0.0025	<0.0025	<0.0025	<0.0024	<0.0024	<0.0027	<0.0029	
tert Butyl alcohol	EPA 8260			mg/kg	<0.0099	<0.0099	<0.010	<0.010	<0.0097	<0.0098	<0.011	<0.012	
tert-Butylbenzene	EPA 8260	1.55	RSL	mg/kg	<0.00099	<0.00099	<0.0010	<0.0010	<0.00097	<0.00098	0.0011 UJ	0.0012 UJ	

TABLE A-6a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 8  
RI Data Evaluation  
Nevada Environmental Response Trust Site; Henderson, Nevada

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	M-186D								
			Level	Source		0.5-1 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	30-30.5 ft bgs	40-40.5 ft bgs	
						M-186D-0.5-20141208	M-186D-0.5-20141208-FD	M-186D-5.0-20141208	M-186D-10.0-20141208	M-186D-15.0-20141208	M-186D-20.0-20141208	M-186D-30.0-20141209	M-186D-40.0-20141209	
SVOCs	Acenaphthene	EPA 8270	29	BCL	mg/kg	<0.070	<0.069	<0.071	--	--	--	--	--	--
	Acenaphthene	EPA 8270-SIM	29	BCL	mg/kg	<0.0042	<0.0042	<0.0042	--	--	--	--	--	--
	Aniline	EPA 8270	0.00456	RSL	mg/kg	<0.089	<0.088	<0.090	--	--	--	--	--	--
	Anthracene	EPA 8270	590	BCL	mg/kg	<0.083	<0.083	<0.084	--	--	--	--	--	--
	Anthracene	EPA 8270-SIM	590	BCL	mg/kg	<0.0042	<0.0042	<0.0042	--	--	--	--	--	--
	Benzidine	EPA 8270			mg/kg	0.69 UJ	0.68 UJ	0.70 UJ	--	--	--	--	--	--
	Benzo(k)fluoranthene	EPA 8270	2	BCL	mg/kg	<0.073	<0.072	<0.074	--	--	--	--	--	--
	Benzo(k)fluoranthene	EPA 8270-SIM	2	BCL	mg/kg	<b>0.0057 J</b>	<b>0.0090 J</b>	<0.0042	--	--	--	--	--	--
	Benzoic acid	EPA 8270	20	BCL	mg/kg	<0.35	<0.35	<0.36	--	--	--	--	--	--
	Benzyl alcohol	EPA 8270	0.476	RSL	mg/kg	<0.16	<0.15	<0.16	--	--	--	--	--	--
	4-Bromophenyl-phenyl ether	EPA 8270			mg/kg	<0.078	<0.077	<0.079	--	--	--	--	--	--
	Butylbenzylphthalate	EPA 8270	810	BCL	mg/kg	<0.083	<0.083	<0.084	--	--	--	--	--	--
	4-Chloroaniline	EPA 8270	0.03	BCL	mg/kg	<0.14	<0.14	<0.14	--	--	--	--	--	--
	2-Chloronaphthalene	EPA 8270	3.85	RSL	mg/kg	<0.070	<0.069	<0.071	--	--	--	--	--	--
	2-Chlorophenol	EPA 8270	0.2	BCL	mg/kg	<0.073	<0.072	<0.074	--	--	--	--	--	--
	4-Chlorophenyl-phenyl ether	EPA 8270			mg/kg	<0.089	<0.088	<0.090	--	--	--	--	--	--
	Chrysene	EPA 8270	8	BCL	mg/kg	<0.078	<0.077	<0.079	--	--	--	--	--	--
	Chrysene	EPA 8270-SIM	8	BCL	mg/kg	<b>0.021 J</b>	<b>0.027 J</b>	<b>0.0056 J</b>	--	--	--	--	--	--
	Di-n-butylphthalate	EPA 8270	270	BCL	mg/kg	<0.094	<0.093	<0.095	--	--	--	--	--	--
	Di-n-octylphthalate	EPA 8270	56.5	RSL	mg/kg	<0.094	<0.093	<0.095	--	--	--	--	--	--
	Dibenz(a,h)anthracene	EPA 8270	0.08	BCL	mg/kg	<0.10	<0.10	<0.11	--	--	--	--	--	--
	Dibenz(a,h)anthracene	EPA 8270-SIM	0.08	BCL	mg/kg	<0.0042	<0.0042	<0.0042	--	--	--	--	--	--
	Dibenzofuran	EPA 8270	0.145	RSL	mg/kg	<0.070	<0.069	<0.071	--	--	--	--	--	--
	3,3'-Dichlorobenzidine	EPA 8270	0.0003	BCL	mg/kg	<0.16	<0.15	<0.16	--	--	--	--	--	--
	2,4-Dichlorophenol	EPA 8270	0.05	BCL	mg/kg	<0.070	<0.069	<0.071	--	--	--	--	--	--
	Diethylphthalate	EPA 8270	6.08	RSL	mg/kg	<0.099	<0.098	<0.10	--	--	--	--	--	--
	2,4-Dimethylphenol	EPA 8270	0.4	BCL	mg/kg	<0.14	<0.13	<0.14	--	--	--	--	--	--
	Dimethylphthalate	EPA 8270			mg/kg	<0.070	<0.069	<0.071	--	--	--	--	--	--
	2,4-Dinitrophenol	EPA 8270	0.01	BCL	mg/kg	<0.34	<0.34	<0.35	--	--	--	--	--	--
	2,4-Dinitrotoluene	EPA 8270	0.00004	BCL	mg/kg	<0.083	<0.083	<0.084	--	--	--	--	--	--
	2,6-Dinitrotoluene	EPA 8270	0.00003	BCL	mg/kg	<0.099	<0.098	<0.10	--	--	--	--	--	--
	Fluoranthene	EPA 8270	210	BCL	mg/kg	<0.073	<0.072	<0.074	--	--	--	--	--	--
	Fluoranthene	EPA 8270-SIM	210	BCL	mg/kg	<b>0.033</b>	<b>0.036</b>	<b>0.0082 J</b>	--	--	--	--	--	--
	Fluorene	EPA 8270	28	BCL	mg/kg	<0.073	<0.072	<0.074	--	--	--	--	--	--
	Fluorene	EPA 8270-SIM	28	BCL	mg/kg	<0.0042	<0.0042	<0.0042	--	--	--	--	--	--
	Hexachlorobenzene	EPA 8270	0.1	BCL	mg/kg	<0.073	<0.072	<0.074	--	--	--	--	--	--
	Hexachlorocyclopentadiene	EPA 8270	20	BCL	mg/kg	<0.14	<0.14	<0.14	--	--	--	--	--	--
	Hexachloroethane	EPA 8270	0.02	BCL	mg/kg	<0.14	<0.14	<0.14	--	--	--	--	--	--
	Isophorone	EPA 8270	0.03	BCL	mg/kg	<0.070	<0.069	<0.071	--	--	--	--	--	--
	1-Methylnaphthalene	EPA 8270	0.00584	RSL	mg/kg	<0.16	<0.15	<0.16	--	--	--	--	--	--
	2-Methylnaphthalene	EPA 8270	0.185	RSL	mg/kg	<0.073	<0.072	<0.074	--	--	--	--	--	--
	2-Methylphenol	EPA 8270	0.8	BCL	mg/kg	<0.083	<0.083	<0.084	--	--	--	--	--	--
3&4-Methylphenol	EPA 8270			mg/kg	<0.14	<0.14	<0.14	--	--	--	--	--	--	
Naphthalene	EPA 8270	4	BCL	mg/kg	<0.070	<0.069	<0.071	--	--	--	--	--	--	
Naphthalene	EPA 8270-SIM	4	BCL	mg/kg	<0.0042	<0.0042	<0.0042	--	--	--	--	--	--	
2-Nitroaniline	EPA 8270	0.0801	RSL	mg/kg	<0.070	<0.069	<0.071	--	--	--	--	--	--	
3-Nitroaniline	EPA 8270			mg/kg	<0.14	<0.14	<0.14	--	--	--	--	--	--	
4-Nitroaniline	EPA 8270	0.00158	RSL	mg/kg	<0.14	<0.14	<0.14	--	--	--	--	--	--	
Nitrobenzene	EPA 8270	0.007	BCL	mg/kg	<0.073	<0.072	<0.074	--	--	--	--	--	--	

**TABLE A-6a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 8**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	M-186D								
			Level	Source		0.5-1 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	30-30.5 ft bgs	40-40.5 ft bgs	
						M-186D-0.5-20141208	M-186D-0.5-20141208-FD	M-186D-5.0-20141208	M-186D-10.0-20141208	M-186D-15.0-20141208	M-186D-20.0-20141208	M-186D-30.0-20141209	M-186D-40.0-20141209	
SVOCs	2-Nitrophenol	EPA 8270			mg/kg	<0.14	<0.14	<0.14	--	--	--	--	--	--
	4-Nitrophenol	EPA 8270			mg/kg	<0.15	<0.14	<0.15	--	--	--	--	--	--
	n-Nitrosodiphenylamine	EPA 8270	0.06	BCL	mg/kg	<0.083	<0.083	<0.084	--	--	--	--	--	--
	Octachlorostyrene	EPA 8270			mg/kg	<2.4	<2.4	<2.4	--	--	--	--	--	--
	Pentachlorophenol	EPA 8270	0.001	BCL	mg/kg	<0.35	<0.35	<0.36	--	--	--	--	--	--
	Phenol	EPA 8270	5	BCL	mg/kg	<0.094	<0.093	<0.095	--	--	--	--	--	--
	Pyrene	EPA 8270	210	BCL	mg/kg	<0.083	<0.083	<0.084	--	--	--	--	--	--
	Pyrene	EPA 8270-SIM	210	BCL	mg/kg	<b>0.015 J</b>	<b>0.017 J</b>	<b>0.0045 J</b>	--	--	--	--	--	--
	Pyridine	EPA 8270			mg/kg	<0.16	<0.15	<0.16	--	--	--	--	--	--
	2,4,5-Trichlorophenol	EPA 8270	14	BCL	mg/kg	<0.14	<0.13	<0.14	--	--	--	--	--	--
	2,4,6-Trichlorophenol	EPA 8270	0.008	BCL	mg/kg	<0.078	<0.077	<0.079	--	--	--	--	--	--
	bis(2-Chloroethoxy)methane	EPA 8270	0.0135	RSL	mg/kg	<0.14	<0.14	<0.14	--	--	--	--	--	--
	bis(2-Chloroethyl) ether	EPA 8270	0.00002	BCL	mg/kg	<0.073	<0.072	<0.074	--	--	--	--	--	--
	bis(2-Ethylhexyl)phthalate	EPA 8270	180	BCL	mg/kg	<0.094	<0.093	<0.095	--	--	--	--	--	--
4-Chloro-3-methylphenol	EPA 8270	1.71	RSL	mg/kg	<0.073	<0.072	<0.074	--	--	--	--	--	--	
n-Nitroso-di-n-propylamine	EPA 8270	0.000002	BCL	mg/kg	<0.073	<0.072	<0.074	--	--	--	--	--	--	
Organo-phosphorus Pesticides	Atrazine	EPA 8141A			mg/kg	<0.013	<0.012	<0.012	--	--	--	--	--	--
	Chlorpyrifos	EPA 8141A	0.124	RSL	mg/kg	<0.0067	<0.0066	<0.0065	--	--	--	--	--	--
	Coumaphos	EPA 8141A			mg/kg	<0.0029	<0.0029	<0.0028	--	--	--	--	--	--
	Dasanit	EPA 8141A			mg/kg	<0.0085	<0.0084	<0.0082	--	--	--	--	--	--
	Demeton (O + S)	EPA 8141A			mg/kg	<0.0078	<0.0077	<0.0075	--	--	--	--	--	--
	Demeton-O	EPA 8141A			mg/kg	<0.0055	<0.0054	<0.0053	--	--	--	--	--	--
	Demeton-S	EPA 8141A			mg/kg	<0.0051	<0.0050	<0.0049	--	--	--	--	--	--
	Diazinon	EPA 8141A	0.0648	RSL	mg/kg	<0.0076	<0.0075	<0.0073	--	--	--	--	--	--
	Dibrom	EPA 8141A			mg/kg	<0.024	<0.023	<0.023	--	--	--	--	--	--
	Dichlorovos	EPA 8141A	0.0000811	RSL	mg/kg	<0.0077	<0.0076	<0.0074	--	--	--	--	--	--
	Dimethoate	EPA 8141A	0.000899	RSL	mg/kg	<0.0074	<0.0073	<0.0071	--	--	--	--	--	--
	Disulfoton	EPA 8141A	0.000939	RSL	mg/kg	<0.0081	<0.0079	<0.0077	--	--	--	--	--	--
	Ethoprop nitrophenyl benzenethiophosphate	EPA 8141A	0.00277	RSL	mg/kg	<0.0051	<0.0051	<0.0049	--	--	--	--	--	--
	Famphur	EPA 8141A			mg/kg	<0.0034	<0.0033	<0.0032	--	--	--	--	--	--
	Fenthion	EPA 8141A			mg/kg	<0.0091	<0.0090	<0.0087	--	--	--	--	--	--
	Guthion	EPA 8141A			mg/kg	<0.0037	<0.0036	<0.0035	--	--	--	--	--	--
	Malathion	EPA 8141A	0.102	RSL	mg/kg	<0.0048	<0.0048	<0.0046	--	--	--	--	--	--
	Merphos	EPA 8141A	0.059	RSL	mg/kg	<0.0054	<0.0053	<0.0051	--	--	--	--	--	--
	Methyl parathion	EPA 8141A	7.41	RSL	µg/kg	<6.6	<6.5	<6.4	--	--	--	--	--	--
	Mevinphos	EPA 8141A			mg/kg	<0.0048	<0.0047	<0.0046	--	--	--	--	--	--
	Parathion	EPA 8141A	432	RSL	µg/kg	<5.5	<5.4	<5.3	--	--	--	--	--	--
	Phorate	EPA 8141A	0.00338	RSL	mg/kg	<0.0059	<0.0058	<0.0057	--	--	--	--	--	--
	Prothiophos	EPA 8141A			mg/kg	<0.0041	<0.0040	<0.0039	--	--	--	--	--	--
	Ronnel	EPA 8141A	3.7	RSL	mg/kg	<0.016	<0.016	<0.015	--	--	--	--	--	--
Simazine	EPA 8141A			mg/kg	<0.023	<0.023	0.022 UJ	--	--	--	--	--	--	
Stirophos	EPA 8141A			mg/kg	<0.0045	<0.0045	<0.0044	--	--	--	--	--	--	
Sulfotepp	EPA 8141A			mg/kg	<0.0065	<0.0064	<0.0063	--	--	--	--	--	--	
Sulprofos	EPA 8141A			mg/kg	<0.0044	<0.0043	<0.0042	--	--	--	--	--	--	
Thionazin	EPA 8141A			mg/kg	<0.0058	<0.0057	<0.0056	--	--	--	--	--	--	

TABLE A-6a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 8  
RI Data Evaluation  
Nevada Environmental Response Trust Site; Henderson, Nevada

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	M-186D							
			Level	Source		0.5-1 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	30-30.5 ft bgs	40-40.5 ft bgs
						M-186D-0.5-20141208	M-186D-0.5-20141208-FD	M-186D-5.0-20141208	M-186D-10.0-20141208	M-186D-15.0-20141208	M-186D-20.0-20141208	M-186D-30.0-20141209	M-186D-40.0-20141209
Organo-phosphorus Pesticides	o-Ethyl o-2,4,5-trichlorophenyl ethyl-phosphonothioate	EPA 8141A			mg/kg	<0.0065	<0.0064	<0.0063	--	--	--	--	--
Organo-chlorine Pesticides	Aldrin	EPA 8081	0.02	BCL	mg/kg	<0.0016	<0.0016	<0.0016	--	--	--	--	--
	alpha-BHC	EPA 8081	0.0266	BCL	mg/kg	<0.0016	<0.0016	<0.0016	--	--	--	--	--
	beta-BHC	EPA 8081	0.00545	BCL	mg/kg	<0.0016	<0.0016	<0.0016	--	--	--	--	--
	delta-BHC	EPA 8081	28.1	BCL	mg/kg	<0.0016	<0.0016	<0.0016	--	--	--	--	--
	gamma-BHC	EPA 8081	0.0005	BCL	mg/kg	<0.0016	<0.0016	<0.0016	--	--	--	--	--
	alpha-Chlordane	EPA 8081			mg/kg	<0.0021	<0.0021	<0.0021	--	--	--	--	--
	gamma-Chlordane	EPA 8081			mg/kg	<0.0016	<0.0016	<0.0016	--	--	--	--	--
	4,4'-DDD	EPA 8081	0.8	BCL	mg/kg	<0.0016	<0.0016	<0.0016	--	--	--	--	--
	2,4'-DDE	EPA 8081			mg/kg	<0.0016	<0.0016	<0.0016	--	--	--	--	--
	4,4'-DDE	EPA 8081	3	BCL	mg/kg	0.0016 UJ	<b>0.0022 J</b>	<0.0016	--	--	--	--	--
	4,4'-DDT	EPA 8081	2	BCL	mg/kg	0.0016 UJ	<b>0.0017 J</b>	<0.0016	--	--	--	--	--
	Dieldrin	EPA 8081	0.0002	BCL	mg/kg	<0.0016	<0.0016	<0.0016	--	--	--	--	--
	Endosulfan I	EPA 8081			mg/kg	<0.0016	<0.0016	<0.0016	--	--	--	--	--
	Endosulfan II	EPA 8081			mg/kg	<0.0016	<0.0016	<0.0016	--	--	--	--	--
	Endosulfan sulfate	EPA 8081			mg/kg	<0.0021	<0.0021	<0.0021	--	--	--	--	--
	Endrin	EPA 8081	0.05	BCL	mg/kg	<0.0016	<0.0016	<0.0016	--	--	--	--	--
	Endrin aldehyde	EPA 8081			mg/kg	<0.0016	<0.0016	<0.0016	--	--	--	--	--
	Endrin ketone	EPA 8081			mg/kg	<0.0021	<0.0021	<0.0021	--	--	--	--	--
Heptachlor	EPA 8081	1	BCL	mg/kg	<0.0021	<0.0021	<0.0021	--	--	--	--	--	
Heptachlor epoxide	EPA 8081	0.03	BCL	mg/kg	<0.0021	<0.0021	<0.0021	--	--	--	--	--	
Methoxychlor	EPA 8081	8	BCL	mg/kg	<0.0016	<0.0016	<0.0016	--	--	--	--	--	
Toxaphene	EPA 8081	2	BCL	mg/kg	<0.052	<0.052	<0.053	--	--	--	--	--	
PAHs	Acenaphthylene	EPA 8270	0.0106	CAL	mg/kg	<0.073	<0.072	<0.074	--	--	--	--	--
	Acenaphthylene	EPA 8270-SIM	0.0106	CAL	mg/kg	<0.0042	<0.0042	<0.0042	--	--	--	--	--
	Benzo(a)anthracene	EPA 8270	0.08	BCL	mg/kg	<0.073	<0.072	<0.074	--	--	--	--	--
	Benzo(a)anthracene	EPA 8270-SIM	0.08	BCL	mg/kg	<b>0.0096 J</b>	<b>0.011 J</b>	<0.0042	--	--	--	--	--
	Benzo(a)pyrene	EPA 8270	0.4	BCL	mg/kg	<0.070	<0.069	<0.071	--	--	--	--	--
	Benzo(a)pyrene	EPA 8270-SIM	0.4	BCL	mg/kg	0.0042 UJ	<b>0.010 J</b>	<0.0042	--	--	--	--	--
	Benzo(b)fluoranthene	EPA 8270	0.2	BCL	mg/kg	<0.073	<0.072	<0.074	--	--	--	--	--
	Benzo(b)fluoranthene	EPA 8270-SIM	0.2	BCL	mg/kg	<b>0.017 J</b>	<b>0.028 J</b>	<0.0042	--	--	--	--	--
	Benzo(g,h,i)perylene	EPA 8270			mg/kg	<0.11	<0.11	<0.12	--	--	--	--	--
	Benzo(g,h,i)perylene	EPA 8270-SIM			mg/kg	<b>0.0054 J</b>	<b>0.010 J</b>	<0.0042	--	--	--	--	--
	Indeno(1,2,3-cd)pyrene	EPA 8270	0.7	BCL	mg/kg	<0.14	<0.13	<0.14	--	--	--	--	--
	Indeno(1,2,3-cd)pyrene	EPA 8270-SIM	0.7	BCL	mg/kg	<b>0.0051 J</b>	<b>0.0097 J</b>	<0.0042	--	--	--	--	--
Phenanthrene	EPA 8270	0.0243	CAL	mg/kg	<0.070	<0.069	<0.071	--	--	--	--	--	
Phenanthrene	EPA 8270-SIM	0.0243	CAL	mg/kg	<b>0.024 J</b>	<b>0.024 J</b>	<b>0.0053 J</b>	--	--	--	--	--	
PCBs	Aroclor-1260	EPA 8082	0.00549	RSL	mg/kg	<0.018	<0.018	<0.018	--	--	--	--	--
	PCB-001	EPA 1668A			pg/g	<b>5.1 J</b>	<b>11 J</b>	<0.79	--	--	--	--	--
	PCB-002	EPA 1668A			pg/g	<b>7.2 J</b>	<b>11 J</b>	<0.37	--	--	--	--	--
	PCB-003	EPA 1668A			pg/g	<b>17 J</b>	<b>23 J</b>	<b>2.5 J</b>	--	--	--	--	--
	PCB-004	EPA 1668A			pg/g	<7.6	<4.7	<4.2	--	--	--	--	--
	PCB-005	EPA 1668A			pg/g	<3.3	<3.2	<1.6	--	--	--	--	--
	PCB-006	EPA 1668A			pg/g	<b>5.6 J</b>	<b>9.2 J</b>	<1.6	--	--	--	--	--
	PCB-007	EPA 1668A			pg/g	<3.2	<3.1	<1.5	--	--	--	--	--
	PCB-008	EPA 1668A			pg/g	<b>18 J</b>	<b>24 J</b>	<1.5	--	--	--	--	--
	PCB-009	EPA 1668A			pg/g	<3.6	<3.4	<1.7	--	--	--	--	--
	PCB-010	EPA 1668A			pg/g	<4.8	<3.0	<2.7	--	--	--	--	--

TABLE A-6a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 8  
RI Data Evaluation  
Nevada Environmental Response Trust Site; Henderson, Nevada

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	M-186D								
			Level	Source		0.5-1 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	30-30.5 ft bgs	40-40.5 ft bgs	
						M-186D-0.5-20141208	M-186D-0.5-20141208-FD	M-186D-5.0-20141208	M-186D-10.0-20141208	M-186D-15.0-20141208	M-186D-20.0-20141208	M-186D-30.0-20141209	M-186D-40.0-20141209	
PCBs	PCB-011	EPA 1668A			pg/g	31 J	73 J	9.8 J	--	--	--	--	--	--
	PCB-014	EPA 1668A			pg/g	<3.1	<2.9	<1.4	--	--	--	--	--	--
	PCB-015	EPA 1668A			pg/g	47	63	<1.9	--	--	--	--	--	--
	PCB-016	EPA 1668A			pg/g	5.0 J	10 J	0.53 J	--	--	--	--	--	--
	PCB-017	EPA 1668A			pg/g	3.3 J	7.5 J	0.62 J	--	--	--	--	--	--
	PCB-019	EPA 1668A			pg/g	0.69 UJ	1.6 J	<0.36	--	--	--	--	--	--
	PCB-022	EPA 1668A			pg/g	14 J	25 J	2.1 J	--	--	--	--	--	--
	PCB-023	EPA 1668A			pg/g	<1.6	<1.9	<0.46	--	--	--	--	--	--
	PCB-024	EPA 1668A			pg/g	0.43 UJ	0.47 J	<0.25	--	--	--	--	--	--
	PCB-025	EPA 1668A			pg/g	1.8 J	2.3 J	<0.47	--	--	--	--	--	--
	PCB-027	EPA 1668A			pg/g	0.83 J	1.7 J	<0.25	--	--	--	--	--	--
	PCB-031	EPA 1668A			pg/g	28 J	43	3.4 J	--	--	--	--	--	--
	PCB-032	EPA 1668A			pg/g	2.2 J	4.3 J	0.39 J	--	--	--	--	--	--
	PCB-034	EPA 1668A			pg/g	<1.8	<2.1	<0.51	--	--	--	--	--	--
	PCB-035	EPA 1668A			pg/g	9.2 J	12 J	<0.59	--	--	--	--	--	--
	PCB-036	EPA 1668A			pg/g	2.1 J	3.2 J	<0.54	--	--	--	--	--	--
	PCB-037	EPA 1668A			pg/g	30 J	41 J	3.0 J	--	--	--	--	--	--
	PCB-038	EPA 1668A			pg/g	<2.0	<2.4	<0.59	--	--	--	--	--	--
	PCB-039	EPA 1668A			pg/g	<1.8	<2.2	<0.52	--	--	--	--	--	--
	PCB-041	EPA 1668A			pg/g	4.3 J	6.7 J	0.63 J	--	--	--	--	--	--
	PCB-042	EPA 1668A			pg/g	11 J	17 J	1.5 J	--	--	--	--	--	--
	PCB-043	EPA 1668A			pg/g	2.3 J	3.4 J	0.38 J	--	--	--	--	--	--
	PCB-045	EPA 1668A			pg/g	4.0 J	7.3 J	0.50 J	--	--	--	--	--	--
	PCB-046	EPA 1668A			pg/g	1.7 J	2.8 J	<0.22	--	--	--	--	--	--
	PCB-048	EPA 1668A			pg/g	7.7 J	12 J	1.1 J	--	--	--	--	--	--
	PCB-051	EPA 1668A			pg/g	2.1 J	2.3 J	0.33 J	--	--	--	--	--	--
	PCB-052	EPA 1668A			pg/g	140	200	16 J	--	--	--	--	--	--
	PCB-054	EPA 1668A			pg/g	0.25 UJ	0.46 J	<0.20	--	--	--	--	--	--
	PCB-055	EPA 1668A			pg/g	<1.6	<2.4	<0.49	--	--	--	--	--	--
	PCB-056	EPA 1668A			pg/g	44	61	6.4 J	--	--	--	--	--	--
	PCB-057	EPA 1668A			pg/g	<1.8	<2.7	<0.55	--	--	--	--	--	--
	PCB-058	EPA 1668A			pg/g	<1.8	<2.7	<0.55	--	--	--	--	--	--
	PCB-060	EPA 1668A			pg/g	22 J	36 J	3.8 J	--	--	--	--	--	--
	PCB-063	EPA 1668A			pg/g	3.7 J	4.2 J	0.53 J	--	--	--	--	--	--
PCB-064	EPA 1668A			pg/g	27 J	39 J	3.8 J	--	--	--	--	--	--	
PCB-066	EPA 1668A			pg/g	110	160	15 J	--	--	--	--	--	--	
PCB-067	EPA 1668A			pg/g	2.2 J	2.9 J	<0.51	--	--	--	--	--	--	
PCB-068	EPA 1668A			pg/g	2.2 J	2.9 J	<0.50	--	--	--	--	--	--	
PCB-072	EPA 1668A			pg/g	<1.7	<2.6	<0.53	--	--	--	--	--	--	
PCB-073	EPA 1668A			pg/g	0.70 J	0.88 J	<0.14	--	--	--	--	--	--	
PCB-077	EPA 1668A			pg/g	21	24	2.6	--	--	--	--	--	--	
PCB-078	EPA 1668A			pg/g	<2.0	<3.0	<0.61	--	--	--	--	--	--	
PCB-079	EPA 1668A			pg/g	8.3 J	9.0 J	1.0 J	--	--	--	--	--	--	
PCB-080	EPA 1668A			pg/g	<1.7	<2.5	<0.51	--	--	--	--	--	--	
PCB-081	EPA 1668A		61.8 RSL	pg/g	<2.1	<3.5	<0.55	--	--	--	--	--	--	
PCB-082	EPA 1668A			pg/g	45	61	6.0 J	--	--	--	--	--	--	
PCB-083	EPA 1668A			pg/g	<8.3	<12	<1.8	--	--	--	--	--	--	
PCB-084	EPA 1668A			pg/g	64	90	9.5 J	--	--	--	--	--	--	
PCB-089	EPA 1668A			pg/g	<7.1	<9.9	<1.6	--	--	--	--	--	--	

TABLE A-6a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 8  
RI Data Evaluation  
Nevada Environmental Response Trust Site; Henderson, Nevada

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	M-186D								
			Level	Source		0.5-1 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	30-30.5 ft bgs	40-40.5 ft bgs	
						M-186D-0.5-20141208	M-186D-0.5-20141208-FD	M-186D-5.0-20141208	M-186D-10.0-20141208	M-186D-15.0-20141208	M-186D-20.0-20141208	M-186D-30.0-20141209	M-186D-40.0-20141209	
PCBs	PCB-092	EPA 1668A			pg/g	45	60	6.0 J	--	--	--	--	--	--
	PCB-094	EPA 1668A			pg/g	<6.8	<9.4	<1.5	--	--	--	--	--	--
	PCB-095	EPA 1668A			pg/g	170	240	20 J	--	--	--	--	--	--
	PCB-096	EPA 1668A			pg/g	0.98 J	1.4 J	<0.14	--	--	--	--	--	--
	PCB-099	EPA 1668A			pg/g	120	190	18 J	--	--	--	--	--	--
	PCB-103	EPA 1668A			pg/g	<6.0	<8.4	<1.3	--	--	--	--	--	--
	PCB-104	EPA 1668A			pg/g	0.36 J	0.62 J	<0.12	--	--	--	--	--	--
	PCB-105	EPA 1668A			pg/g	160	240	23	--	--	--	--	--	--
	PCB-106	EPA 1668A			pg/g	<5.3	<7.4	<1.2	--	--	--	--	--	--
	PCB-109	EPA 1668A			pg/g	22 J	31 J	2.7 J	--	--	--	--	--	--
	PCB-111	EPA 1668A			pg/g	<4.5	<6.2	<0.97	--	--	--	--	--	--
	PCB-112	EPA 1668A			pg/g	<4.6	<6.4	<1.0	--	--	--	--	--	--
	PCB-114	EPA 1668A			pg/g	9.8	13	1.2 J	--	--	--	--	--	--
	PCB-118	EPA 1668A	1,010	RSL	pg/g	330	480	45	--	--	--	--	--	--
	PCB-120	EPA 1668A			pg/g	<4.7	<6.5	<1.0	--	--	--	--	--	--
	PCB-121	EPA 1668A			pg/g	<4.5	<6.3	<0.99	--	--	--	--	--	--
	PCB-122	EPA 1668A			pg/g	6.2 J	8.6 J	<1.2	--	--	--	--	--	--
	PCB-123	EPA 1668A			pg/g	5.9	7.6	<1.1	--	--	--	--	--	--
	PCB-126	EPA 1668A	0.303	RSL	pg/g	8.6	12	<1.5	--	--	--	--	--	--
	PCB-127	EPA 1668A			pg/g	<5.2	<7.3	<1.1	--	--	--	--	--	--
	PCB-130	EPA 1668A			pg/g	36 J	44	5.0 J	--	--	--	--	--	--
	PCB-131	EPA 1668A			pg/g	6.0 J	6.9 J	<0.69	--	--	--	--	--	--
	PCB-132	EPA 1668A			pg/g	140	190	19 J	--	--	--	--	--	--
	PCB-133	EPA 1668A			pg/g	5.6 J	7.6 J	0.88 J	--	--	--	--	--	--
	PCB-136	EPA 1668A			pg/g	34 J	49	4.8 J	--	--	--	--	--	--
	PCB-137	EPA 1668A			pg/g	27 J	35 J	3.6 J	--	--	--	--	--	--
	PCB-141	EPA 1668A			pg/g	97	130	12 J	--	--	--	--	--	--
	PCB-142	EPA 1668A			pg/g	<3.3	<4.2	<0.62	--	--	--	--	--	--
	PCB-144	EPA 1668A			pg/g	17 J	25 J	2.6 J	--	--	--	--	--	--
	PCB-145	EPA 1668A			pg/g	<2.3	<2.9	<0.43	--	--	--	--	--	--
	PCB-146	EPA 1668A			pg/g	59	79	8.6 J	--	--	--	--	--	--
	PCB-148	EPA 1668A			pg/g	<3.0	<3.9	<0.58	--	--	--	--	--	--
	PCB-150	EPA 1668A			pg/g	<2.1	<2.7	<0.40	--	--	--	--	--	--
	PCB-152	EPA 1668A			pg/g	<2.2	<2.8	<0.42	--	--	--	--	--	--
	PCB-154	EPA 1668A			pg/g	4.9 J	7.3 J	0.71 J	--	--	--	--	--	--
PCB-155	EPA 1668A			pg/g	<1.8	<2.1	<0.36	--	--	--	--	--	--	
PCB-158	EPA 1668A			pg/g	57	72	7.8 J	--	--	--	--	--	--	
PCB-159	EPA 1668A			pg/g	6.4 J	7.5 J	<0.27	--	--	--	--	--	--	
PCB-160	EPA 1668A			pg/g	<2.6	<3.4	<0.50	--	--	--	--	--	--	
PCB-161	EPA 1668A			pg/g	<2.4	<3.0	<0.45	--	--	--	--	--	--	
PCB-162	EPA 1668A			pg/g	6.0 J	7.9 J	<0.25	--	--	--	--	--	--	
PCB-164	EPA 1668A			pg/g	35 J	44	5.2 J	--	--	--	--	--	--	
PCB-165	EPA 1668A			pg/g	<2.7	<3.5	<0.52	--	--	--	--	--	--	
PCB-167	EPA 1668A			pg/g	25	33	3.6	--	--	--	--	--	--	
PCB-169	EPA 1668A	1.65	RSL	pg/g	<1.6	<1.9	<0.34	--	--	--	--	--	--	
PCB-170	EPA 1668A			pg/g	120	140	17 J	--	--	--	--	--	--	
PCB-172	EPA 1668A			pg/g	20 J	21 J	1.9 J	--	--	--	--	--	--	
PCB-174	EPA 1668A			pg/g	130	150	18 J	--	--	--	--	--	--	
PCB-175	EPA 1668A			pg/g	13 J	17 J	2.1 J	--	--	--	--	--	--	

**TABLE A-6a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 8**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	M-186D							
			Level	Source		0.5-1 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	30-30.5 ft bgs	40-40.5 ft bgs
						M-186D-0.5-20141208	M-186D-0.5-20141208-FD	M-186D-5.0-20141208	M-186D-10.0-20141208	M-186D-15.0-20141208	M-186D-20.0-20141208	M-186D-30.0-20141209	M-186D-40.0-20141209
PCBs	PCB-176	EPA 1668A			pg/g	16 J	19 J	2.1 J	--	--	--	--	--
	PCB-177	EPA 1668A			pg/g	69	82	10 J	--	--	--	--	--
	PCB-178	EPA 1668A			pg/g	23 J	29 J	3.4 J	--	--	--	--	--
	PCB-179	EPA 1668A			pg/g	38 J	51	5.9 J	--	--	--	--	--
	PCB-181	EPA 1668A			pg/g	4.6 J	5.1 J	0.47 J	--	--	--	--	--
	PCB-182	EPA 1668A			pg/g	5.5 J	6.3 J	0.77 J	--	--	--	--	--
	PCB-183	EPA 1668A			pg/g	65	78	9.2 J	--	--	--	--	--
	PCB-184	EPA 1668A			pg/g	11 J	15 J	1.6 J	--	--	--	--	--
	PCB-185	EPA 1668A			pg/g	15 J	20 J	2.4 J	--	--	--	--	--
	PCB-186	EPA 1668A			pg/g	1.4 J	1.8 J	<0.18	--	--	--	--	--
	PCB-187	EPA 1668A			pg/g	120	150	20 J	--	--	--	--	--
	PCB-188	EPA 1668A			pg/g	6.4 J	8.1 J	0.84 J	--	--	--	--	--
	PCB-189	EPA 1668A			pg/g	11	13	1.3 J	--	--	--	--	--
	PCB-190	EPA 1668A			pg/g	19 J	32 J	3.7 J	--	--	--	--	--
	PCB-191	EPA 1668A			pg/g	9.8 J	9.3 J	1.2 J	--	--	--	--	--
	PCB-192	EPA 1668A			pg/g	2.9 J	3.4 J	<0.22	--	--	--	--	--
	PCB-194	EPA 1668A			pg/g	68	91	11 J	--	--	--	--	--
	PCB-195	EPA 1668A			pg/g	22 J	29 J	3.5 J	--	--	--	--	--
	PCB-196	EPA 1668A			pg/g	38 J	42	7.8 J	--	--	--	--	--
	PCB-197	EPA 1668A			pg/g	37 J	46	4.8 J	--	--	--	--	--
	PCB-200	EPA 1668A			pg/g	15 J	22 J	2.2 J	--	--	--	--	--
	PCB-201	EPA 1668A			pg/g	45	58	6.1 J	--	--	--	--	--
	PCB-202	EPA 1668A			pg/g	24 J	30 J	3.9 J	--	--	--	--	--
	PCB-203	EPA 1668A			pg/g	55	70	8.7 J	--	--	--	--	--
	PCB-204	EPA 1668A			pg/g	19 J	24 J	2.5 J	--	--	--	--	--
	PCB-205	EPA 1668A			pg/g	15 J	19 J	1.9 J	--	--	--	--	--
	PCB-206	EPA 1668A			pg/g	200	270	27	--	--	--	--	--
	PCB-207	EPA 1668A			pg/g	350	470	42	--	--	--	--	--
	PCB-208	EPA 1668A			pg/g	220	290	27	--	--	--	--	--
	PCB-209	EPA 1668A			pg/g	15,000 J	22,000 J	1,700	--	--	--	--	--
	PCBs 107+124	EPA 1668A			pg/g	12 J	15 J	1.6 J	--	--	--	--	--
	PCBs 110+115	EPA 1668A			pg/g	400	590	58	--	--	--	--	--
	PCBs 12+13	EPA 1668A			pg/g	12 J	17 J	<1.7	--	--	--	--	--
	PCBs 128+166	EPA 1668A			pg/g	83	110	12 J	--	--	--	--	--
	PCBs 129+138+163	EPA 1668A			pg/g	530	710	73	--	--	--	--	--
	PCBs 134+143	EPA 1668A			pg/g	20 J	25 J	2.7 J	--	--	--	--	--
	PCBs 135+151	EPA 1668A			pg/g	98	130	14 J	--	--	--	--	--
	PCBs 139+140	EPA 1668A			pg/g	7.8 J	11 J	0.94 J	--	--	--	--	--
	PCBs 147+149	EPA 1668A			pg/g	270	390	39 J	--	--	--	--	--
	PCBs 153+168	EPA 1668A			pg/g	370	480	49	--	--	--	--	--
PCBs 156+157	EPA 1668A			pg/g	72	100	9.9	--	--	--	--	--	
PCBs 171+173	EPA 1668A			pg/g	50 J	62 J	7.2 J	--	--	--	--	--	
PCBs 18+30	EPA 1668A			pg/g	8.1 J	18 J	0.62 J	--	--	--	--	--	
PCBs 180+193	EPA 1668A			pg/g	290	350	40 J	--	--	--	--	--	
PCBs 198+199	EPA 1668A			pg/g	96	130	16 J	--	--	--	--	--	
PCBs 20+28	EPA 1668A			pg/g	43 J	67 J	5.3 J	--	--	--	--	--	
PCBs 21+33	EPA 1668A			pg/g	17 J	28 J	2.8 J	--	--	--	--	--	
PCBs 26+29	EPA 1668A			pg/g	4.9 J	6.3 J	0.78 J	--	--	--	--	--	
PCBs 40+71	EPA 1668A			pg/g	26 J	38 J	4.2 J	--	--	--	--	--	



**TABLE A-6a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 8**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	M-186D								
			Level	Source		0.5-1 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	30-30.5 ft bgs	40-40.5 ft bgs	
						M-186D-0.5-20141208	M-186D-0.5-20141208-FD	M-186D-5.0-20141208	M-186D-10.0-20141208	M-186D-15.0-20141208	M-186D-20.0-20141208	M-186D-30.0-20141209	M-186D-40.0-20141209	
PCBs	PCBs 44+47+65	EPA 1668A			pg/g	72 J	110 J	11 J	--	--	--	--	--	--
	PCBs 49+69	EPA 1668A			pg/g	31 J	47 J	4.3 J	--	--	--	--	--	--
	PCBs 50+53	EPA 1668A			pg/g	4.3 J	5.9 J	0.60 J	--	--	--	--	--	--
	PCBs 59+62+75	EPA 1668A			pg/g	5.7 J	8.5 J	0.62 J	--	--	--	--	--	--
	PCBs 61+70+74+76	EPA 1668A			pg/g	220	300	31 J	--	--	--	--	--	--
	PCBs 85+116+117	EPA 1668A			pg/g	51 J	74 J	7.7 J	--	--	--	--	--	--
	PCBs 86+87+97+108+119+125	EPA 1668A			pg/g	210 J	300	21 J	--	--	--	--	--	--
	PCBs 88+91	EPA 1668A			pg/g	25 J	38 J	3.5 J	--	--	--	--	--	--
	PCBs 90+101+113	EPA 1668A			pg/g	270	410	40 J	--	--	--	--	--	--
	PCBs 93+100	EPA 1668A			pg/g	<6.4	<8.9	<1.4	--	--	--	--	--	--
PCBs 98+102	EPA 1668A			pg/g	<5.8	<8.1	<1.3	--	--	--	--	--	--	
Dioxins/Furans	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	EPA 8290			pg/g	17	23	3.3 J	--	--	--	--	--	--
	1,2,3,4,6,7,8-Heptachlorodibenzofuran	EPA 8290			pg/g	120	150	17	--	--	--	--	--	--
	1,2,3,4,7,8,9-Heptachlorodibenzofuran	EPA 8290			pg/g	37	49	6.4	--	--	--	--	--	--
	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	EPA 8290			pg/g	0.91 J	1.3 J	0.082 J	--	--	--	--	--	--
	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	EPA 8290			pg/g	2.6 J	3.2 J	0.51 J	--	--	--	--	--	--
	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	EPA 8290			pg/g	2.7 J	3.2 J	0.41 J	--	--	--	--	--	--
	1,2,3,4,7,8-Hexachlorodibenzofuran	EPA 8290			pg/g	46	55	7.4	--	--	--	--	--	--
	1,2,3,6,7,8-Hexachlorodibenzofuran	EPA 8290			pg/g	26	32	4.0 J	--	--	--	--	--	--
	1,2,3,7,8,9-Hexachlorodibenzofuran	EPA 8290			pg/g	2.8 J	<2.8	<0.33	--	--	--	--	--	--
	2,3,4,6,7,8-Hexachlorodibenzofuran	EPA 8290			pg/g	5.6	7.2 J	0.86 J	--	--	--	--	--	--
	HpCDD (total)	EPA 8290			pg/g	46	65	9.4	--	--	--	--	--	--
	HpCDF (total)	EPA 8290			pg/g	230	310	35	--	--	--	--	--	--
	HxCDD (total)	EPA 8290			pg/g	18	23	3.1 J	--	--	--	--	--	--
	HxCDF (total)	EPA 8290			pg/g	180	220	45	--	--	--	--	--	--
	1,2,3,4,5,6,7,8-Octachlorodibenzo-p-dioxin	EPA 8290			pg/g	100 J	200 J	19	--	--	--	--	--	--
	1,2,3,4,5,6,7,8-Octachlorodibenzofuran	EPA 8290			pg/g	700 J	6,500 J	85	--	--	--	--	--	--
	PeCDD (total)	EPA 8290			pg/g	16	19	2.2 J	--	--	--	--	--	--
	PeCDF (total)	EPA 8290			pg/g	160	200	24	--	--	--	--	--	--
	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	EPA 8290			pg/g	1.4 J	2.0 J	0.32 J	--	--	--	--	--	--
	1,2,3,7,8-Pentachlorodibenzofuran	EPA 8290			pg/g	19	25	3.1 J	--	--	--	--	--	--
	2,3,4,7,8-Pentachlorodibenzofuran	EPA 8290			pg/g	9.2	12	1.6 J	--	--	--	--	--	--
	TCDD (total)	EPA 8290			pg/g	12	13	1.5	--	--	--	--	--	--
	TCDF (total)	EPA 8290			pg/g	130	170	19	--	--	--	--	--	--
2,3,7,8-Tetrachlorodibenzo-p-dioxin	EPA 8290		15 RSL	pg/g	0.53 J	0.19 UJ	0.15 J	--	--	--	--	--	--	

**TABLE A-6a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 8**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	M-186D							
			Level	Source		0.5-1 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	30-30.5 ft bgs	40-40.5 ft bgs
						M-186D-0.5-20141208	M-186D-0.5-20141208-FD	M-186D-5.0-20141208	M-186D-10.0-20141208	M-186D-15.0-20141208	M-186D-20.0-20141208	M-186D-30.0-20141209	M-186D-40.0-20141209
Dioxins/Furans	2,3,7,8-Tetrachlorodibenzofuran	EPA 8290			pg/g	14	18	2.5	--	--	--	--	--
	Total PCB TEQs (calculated by TAS)	EPA 8280A			pg/g	0.90	1.3	0.083	--	--	--	--	--
	Total TEQ (Calculated)	EPA 8280A			pg/g	17	23	2.9	--	--	--	--	--
Organic Acids	Phthalic acid	EPA 8270			µg/kg	<1,300	<1,300	<1,300	--	--	--	--	--
Radionuclides	Radium-226	EPA 903.0	0.006	BCL	pCi/g	0.982 J	1.35 J	1.03 J	--	--	--	--	--
	Radium-228	EPA 904.0	0.006	BCL	pCi/g	1.20 J	0.724 J	1.03 J	--	--	--	--	--
	Thorium-228	DOE A-01-R	0.0027	BCL	pCi/g	1.36	1.15	1.68	--	--	--	--	--
	Thorium-230	DOE A-01-R	0.001	BCL	pCi/g	1.47	1.02	1.42	--	--	--	--	--
	Thorium-232	DOE A-01-R	0.0035	BCL	pCi/g	1.29	1.49	1.54	--	--	--	--	--
	Uranium-233/234	DOE A-01-R			pCi/g	1.14	1.21	1.09	--	--	--	--	--
	Uranium-235/236	DOE A-01-R			pCi/g	0.0807 J	0.0432 UJ	0.0574	--	--	--	--	--
	Uranium-238	DOE A-01-R			pCi/g	1.09	0.945	1.13	--	--	--	--	--
	Uranium-238	EPA 6020	13.5	BCL	mg/kg	1.9	1.9	1.3	--	--	--	--	--
Total Petroleum Hydrocarbons	Diesel Range Organics (C10-C28)	EPA 8015			mg/kg	9.1	9.5	11	--	--	--	--	--
	EFH (C10-C40)	EPA 8015			mg/kg	26	29	23	--	--	--	--	--
	Gasoline Range Organics (C6-C10)	EPA 8015			µg/kg	<160	<150	<150	--	--	--	--	--
	Petroleum Hydrocarbons (C29-C40)	EPA 8015			mg/kg	2.6 UJ	5.0 J	<2.6	--	--	--	--	--
General Chemistry	Alkalinity (as CaCO3)	SM 2320			mg/kg	41,000	42,000	25,000	--	--	--	--	--
	Ammonia (as NH3)	SM 4500			mg/kg	7.3 J	7.6 J	3.4 J	--	--	--	--	--
	Bicarbonate as HCO3	SM 2320			mg/kg	50,000	51,000	30,000	--	--	--	--	--
	Bromide	EPA 300			mg/kg	<3.6	<3.6	6.7	--	--	--	--	--
	Carbonate (CO3)	SM 2320			mg/kg	<310	<310	<310	--	--	--	--	--
	Chloride	EPA 300			mg/kg	3,400	4,700	600	--	--	--	--	--
	Hydroxide	SM 2320			mg/kg	<180	<180	<180	--	--	--	--	--
	Nitrate	EPA 300	7	BCL	mg/kg	--	--	--	--	--	--	--	--
	Nitrate (as NO3)	EPA 300			mg/kg	360	480	66	--	--	--	--	--
	Nitrate/Nitrite	EPA 300			mg/kg	81	110	15	--	--	--	--	--
	Nitrite	EPA 300			mg/kg	<1.1	<1.1	<1.2	--	--	--	--	--
	ortho-Phosphate (total) (as PO4)	EPA 300			mg/kg	<4.2	<4.2	<4.2	--	--	--	--	--
	Phosphorus (total)	EPA 6010	0.00148	RSL	mg/kg	950	1,100	1,200	--	--	--	--	--
	Silicon	EPA 6010			mg/kg	200	210	170	--	--	--	--	--
	Sulfate	EPA 300			mg/kg	7,000	6,700	1,100	--	--	--	--	--
Sulfur	EPA 6020			mg/kg	7,700	8,600	3,700	--	--	--	--	--	
pH	EPA 9045			s.u.	--	--	--	--	--	--	--	--	

**Notes:**

ft bgs: feet below ground surface

FD: Field Duplicate

Above Screening Level

bold value: detection

Soil screening levels were selected according to the following hierarchy of criteria:

1. Basic Comparison Level (BCL): Leaching-based basic comparison levels (LBCL) with dilution attenuation factor (DAF) of 1 in the most recent version of Nevada Division of

**Sources:**

NDEP, 2015. User's Guide and Background Technical Document for NDEP Basic

Comparison Levels (BCLs) for Human Health for the BMI Complex and Common Areas. Revision 13, February.

USEPA, 2015. Regional Screening Levels (RSL) for Chemical Contaminants at Superfund Sites. June.

**TABLE A-6a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 8**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	M-186D							
			Level	Source		0.5-1 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	30-30.5 ft bgs	40-40.5 ft bgs
						M-186D-0.5-20141208	M-186D-0.5-20141208-FD	M-186D-5.0-20141208	M-186D-10.0-20141208	M-186D-15.0-20141208	M-186D-20.0-20141208	M-186D-30.0-20141209	M-186D-40.0-20141209

Environmental Protection (NDEP) documents (February 2015).

2. Regional Screening Level (RSL): United States Environmental Protection Agency (USEPA) Regional Screening Levels (RSL) for groundwater protection (June 2015), with the maximum contaminant level (MCL) based screening levels selected over the risk-based screening levels, if available (USEPA 2015)
3. Calculated Criteria (CAL): Generic leaching-based BCLs (LBCLs) calculated using the approach presented in NDEP guidance (NDEP 2015).

**TABLE A-6a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 8**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	M-189								M-190	
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs
						M-189-0.5-20141202	M-189-5.0-20141202	M-189-5.0-20141202-FD	M-189-10.0-20141202	M-189-15.0-20141202	M-189-20.0-20141202	M-189-25.0-20141202	M-189-30.0-20141202	M-190-0.5-20141205	M-190-5.0-20141205
Chlorates	Chlorate	EPA 300.1	1.03	BCL	mg/kg	43	31	30	2.7	13	1,700	370	2,100	0.26	0.37
	Perchlorate	EPA 314.0	0.0185	BCL	mg/kg	270	82	100	12	19	260	43	54	0.38	0.52
Common Metals	Aluminum	EPA 6010	75	BCL	mg/kg	9,200	8,500	8,400	11,000	11,000	14,000	11,000	14,000	9,500	9,600
	Antimony	EPA 6020	0.3	BCL	mg/kg	0.53 UJ	0.53 UJ	0.53 UJ	0.53 UJ	0.53 UJ	0.73 UJ	0.59 UJ	0.64 UJ	0.54 UJ	0.54 UJ
	Arsenic	EPA 6020	1	BCL	mg/kg	3.5	3.0	3.6	3.3	4.1	37	9.6	16	3.2	3.7
	Barium	EPA 6010	82	BCL	mg/kg	180	150	150	160	140	44	87	91	250 J	200 J
	Boron	EPA 6010	21.4	BCL	mg/kg	7.5	6.4	6.8	10	11	31	16	21	12	11
	Cadmium	EPA 6010	0.4	BCL	mg/kg	<0.27	<0.26	<0.27	<0.27	<0.27	<0.36	<0.29	<0.32	<0.27	<0.27
	Chromium (total)	EPA 6010	180,000	RSL	mg/kg	16	15	17	16	21	58	25	38	14	14
	Cobalt	EPA 6010	0.453	BCL	mg/kg	8.2	7.1	7.6	8.1	8.1	5.7	3.6	5.1	9.4	7.8
	Copper	EPA 6010	45.8	BCL	mg/kg	26	23	22	22	23	14	13	17	26	22
	Iron	EPA 6010	7.56	BCL	mg/kg	15,000	15,000	15,000	19,000	18,000	11,000	13,000	15,000	16,000	15,000
	Lead	EPA 6010	13.5	RSL	mg/kg	23	10	12	7.8	8.0	4.9	6.4	7.4	18	13
	Magnesium	EPA 6010	889	BCL	mg/kg	9,800 J	9,500 J	10,000 J	12,000 J	12,000 J	27,000 J	9,100 J	16,000 J	11,000	10,000
	Manganese	EPA 6010	1.3	BCL	mg/kg	620 J	540 J	950 J	400 J	400 J	140 J	120 J	160 J	940	630
	Mercury	EPA 7471	0.104	BCL	mg/kg	0.26	0.041 J	0.054	0.023	0.021 J	0.019 J	<0.015	0.026 J	0.043	0.021 J
	Molybdenum	EPA 6010	3.37	BCL	mg/kg	<1.1	2.0 J	2.5	<1.1	3.8	<1.5	<1.2	1.9 J	<1.1	<1.1
	Nickel	EPA 6010	7	BCL	mg/kg	17	14	14	17	17	12	12	15	18	16
	Selenium	EPA 6020	0.3	BCL	mg/kg	<0.53	<0.53	<0.53	<0.53	<0.53	<0.73	<0.59	<0.64	<0.54	<0.54
Silver	EPA 6010	0.85	BCL	mg/kg	<0.80	<0.79	<0.80	<0.80	<0.80	<1.1	<0.88	<0.97	<0.82	<0.80	
Thallium	EPA 6020	0.4	BCL	mg/kg	<0.27	<0.26	<0.27	<0.27	<0.27	<0.36	<0.29	<0.32	<0.27	<0.27	
Zinc	EPA 6010	620	BCL	mg/kg	44	36	37	35	37	28	25	32	47	41	
Hexavalent Chromium	Chromium VI	EPA 7199	2	BCL	mg/kg	0.66 J	<0.43	<0.43	<0.43	<0.43	<0.58	<0.48	<0.52	<0.44	<0.43
Rare Metals	Niobium	EPA 6020	1.17	BCL	mg/kg	2.0 UJ	2.0 UJ	1.9 UJ	--	--	--	--	--	1.8 UJ	1.8 UJ
	Palladium	EPA 6020			mg/kg	<0.049	<0.054	<0.053	--	--	--	--	--	<0.053	<0.053
	Strontium	EPA 6010	422	RSL	mg/kg	140 J	120 J	120 J	250 J	230 J	340 J	130 J	140 J	200 J	290 J
	Tungsten	EPA 6010	37.6	BCL	mg/kg	5.3 UJ	5.3 UJ	5.3 UJ	5.3 UJ	5.3 UJ	7.3 UJ	5.9 UJ	6.4 UJ	5.4 UJ	5.4 UJ
	Zirconium	EPA 6010	4.79	RSL	mg/kg	22	24	25	25	26	20	25	27	20	21
VOCs	Acetone	EPA 8260	0.8	BCL	mg/kg	<0.0080	<0.0081	<0.0082	<0.0077	<0.0080	0.012 UJ	0.0089 UJ	<0.011	<0.0081	<0.0077
	t-Amyl methyl ether	EPA 8260			mg/kg	0.0010 UJ	0.0010 UJ	0.0010 UJ	0.00096 UJ	0.0010 UJ	0.0015 UJ	0.0011 UJ	0.0013 UJ	<0.0010	<0.00096
	Benzene	EPA 8260	0.002	BCL	mg/kg	<0.00050	<0.00050	<0.00051	<0.00048	<0.00050	<0.00073	<0.00056	<0.00066	<0.00051	<0.00048
	Bromobenzene	EPA 8260	0.0421	RSL	mg/kg	<0.0010	<0.0010	<0.0010	<0.00096	<0.0010	<0.0015	<0.0011	<0.0013	<0.0010	<0.00096
	Bromochloromethane	EPA 8260			mg/kg	<0.0010	<0.0010	<0.0010	<0.00096	<0.0010	<0.0015	<0.0011	<0.0013	<0.0010	<0.00096
	Bromodichloromethane	EPA 8260	0.03	BCL	mg/kg	<0.00050	<0.00050	<0.00051	<0.00048	<0.00050	<0.00073	<0.00056	<0.00066	<0.00051	<0.00048
	Bromoform	EPA 8260	0.04	BCL	mg/kg	<0.0010	<0.0010	<0.0010	<0.00096	<0.0010	<0.0015	<0.0011	<0.0013	<0.0010	<0.00096
	Bromomethane	EPA 8260	0.01	BCL	mg/kg	<0.0010	<0.0010	<0.0010	<0.00096	<0.0010	<0.0015	<0.0011	<0.0013	<0.0010	<0.00096
	2-Butanone	EPA 8260	1.16	RSL	mg/kg	<0.0050	<0.0050	<0.0051	<0.0048	<0.0050	<0.0073	<0.0056	<0.0066	<0.0051	<0.0048
	n-Butylbenzene	EPA 8260	3.23	RSL	mg/kg	<0.0010	<0.0010	<0.0010	<0.00096	<0.0010	<0.0015	<0.0011	<0.0013	<0.0010	<0.00096
	sec-Butylbenzene	EPA 8260	5.87	RSL	mg/kg	<0.0010	<0.0010	<0.0010	<0.00096	<0.0010	<0.0015	<0.0011	<0.0013	<0.0010	<0.00096
	Carbon tetrachloride	EPA 8260	0.003	BCL	mg/kg	<0.00050	<0.00050	<0.00051	<0.00048	<0.00050	<0.00073	<0.00056	<0.00066	<0.00051	<0.00048
	Chlorobenzene	EPA 8260	0.07	BCL	mg/kg	<0.00050	<0.00050	<0.00051	<0.00048	<0.00050	<0.00073	<0.00056	<0.00066	<0.00051	<0.00048
	Chloroethane	EPA 8260	5.92	RSL	mg/kg	<0.0010	<0.0010	<0.0010	<0.00096	<0.0010	<0.0015	<0.0011	<0.0013	<0.0010	<0.00096
	Chloroform	EPA 8260	0.03	BCL	mg/kg	<0.00050	<0.00050	<0.00051	<0.00048	<0.00050	0.00073 J	<0.00056	0.0024	<0.00051	<0.00048
	Chloromethane	EPA 8260	0.0486	RSL	mg/kg	<0.0010	<0.0010	<0.0010	<0.00096	<0.0010	<0.0015	<0.0011	<0.0013	<0.0010	<0.00096
	2-Chlorotoluene	EPA 8260	0.231	RSL	mg/kg	<0.0010	<0.0010	<0.0010	<0.00096	<0.0010	<0.0015	<0.0011	<0.0013	<0.0010	<0.00096
4-Chlorotoluene	EPA 8260	0.241	RSL	mg/kg	<0.0010	<0.0010	<0.0010	<0.00096	<0.0010	<0.0015	<0.0011	<0.0013	<0.0010	<0.00096	
Cumene	EPA 8260	0.738	RSL	mg/kg	<0.00050	<0.00050	<0.00051	<0.00048	<0.00050	<0.00073	<0.00056	<0.00066	<0.00051	<0.00048	
p-Cymene	EPA 8260	3.91	CAL	mg/kg	<0.00050	<0.00050	<0.00051	<0.00048	<0.00050	<0.00073	<0.00056	<0.00066	<0.00051	<0.00048	

**TABLE A-6a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 8**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	M-189								M-190	
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs
						M-189-0.5-20141202	M-189-5.0-20141202	M-189-5.0-20141202-FD	M-189-10.0-20141202	M-189-15.0-20141202	M-189-20.0-20141202	M-189-25.0-20141202	M-189-30.0-20141202	M-190-0.5-20141205	M-190-5.0-20141205
VOCs	Dibromochloromethane	EPA 8260	0.02	BCL	mg/kg	<0.00050	<0.00050	<0.00051	<0.00048	<0.00050	<0.00073	<0.00056	<0.00066	<0.00051	<0.00048
	1,2-Dibromoethane	EPA 8260	0.000141	RSL	mg/kg	<0.00050	<0.00050	<0.00051	<0.00048	<0.00050	<0.00073	<0.00056	<0.00066	<0.00051	<0.00048
	Dibromomethane	EPA 8260	0.00197	RSL	mg/kg	<0.00050	<0.00050	<0.00051	<0.00048	<0.00050	<0.00073	<0.00056	<0.00066	<0.00051	<0.00048
	1,2-Dichlorobenzene	EPA 8260	0.9	BCL	mg/kg	<0.00050	<0.00050	<0.00051	<0.00048	<0.00050	<0.00073	<0.00056	<0.00066	<0.00051	<0.00048
	1,3-Dichlorobenzene	EPA 8260	0.0473	CAL	mg/kg	<0.00050	<0.00050	<0.00051	<0.00048	<0.00050	<0.00073	<0.00056	<0.00066	<0.00051	<0.00048
	1,4-Dichlorobenzene	EPA 8260	0.1	BCL	mg/kg	<0.00050	<0.00050	<0.00051	<0.00048	<0.00050	<0.00073	<0.00056	<0.00066	<0.00051	<0.00048
	Dichlorodifluoromethane	EPA 8260	0.304	RSL	mg/kg	0.0010 UJ	0.0010 UJ	0.0010 UJ	0.00096 UJ	0.0010 UJ	0.0015 UJ	0.0011 UJ	0.0013 UJ	0.0010 UJ	0.00096 UJ
	1,1-Dichloroethane	EPA 8260	1	BCL	mg/kg	<0.00050	<0.00050	<0.00051	<0.00048	<0.00050	<0.00073	<0.00056	<0.00066	<0.00051	<0.00048
	1,2-Dichloroethane	EPA 8260	0.001	BCL	mg/kg	<0.00050	<0.00050	<0.00051	<0.00048	<0.00050	<0.00073	<0.00056	<0.00066	<0.00051	<0.00048
	1,1-Dichloroethene	EPA 8260	0.003	BCL	mg/kg	<0.00050	<0.00050	<0.00051	<0.00048	<0.00050	<0.00073	<0.00056	<0.00066	<0.00051	<0.00048
	cis-1,2-Dichloroethene	EPA 8260	0.02	BCL	mg/kg	<0.00050	<0.00050	<0.00051	<0.00048	<0.00050	<0.00073	<0.00056	<0.00066	<0.00051	<0.00048
	trans-1,2-Dichloroethene	EPA 8260	0.03	BCL	mg/kg	<0.00050	<0.00050	<0.00051	<0.00048	<0.00050	<0.00073	<0.00056	<0.00066	<0.00051	<0.00048
	1,2-Dichloropropane	EPA 8260	0.001	BCL	mg/kg	<0.00050	<0.00050	<0.00051	<0.00048	<0.00050	<0.00073	<0.00056	<0.00066	<0.00051	<0.00048
	1,3-Dichloropropane	EPA 8260	0.001	BCL	mg/kg	<0.00050	<0.00050	<0.00051	<0.00048	<0.00050	<0.00073	<0.00056	<0.00066	<0.00051	<0.00048
	2,2-Dichloropropane	EPA 8260			mg/kg	0.0010 UJ	0.0010 UJ	0.0010 UJ	0.00096 UJ	0.0010 UJ	0.0015 UJ	0.0011 UJ	0.0013 UJ	<0.0010	<0.00096
	1,1-Dichloropropene	EPA 8260			mg/kg	<0.00050	<0.00050	<0.00051	<0.00048	<0.00050	<0.00073	<0.00056	<0.00066	<0.00051	<0.00048
	cis-1,3-Dichloropropene	EPA 8260			mg/kg	<0.00050	<0.00050	<0.00051	<0.00048	<0.00050	0.00073 UJ	0.00056 UJ	<0.00066	<0.00051	<0.00048
	trans-1,3-Dichloropropene	EPA 8260			mg/kg	<0.00050	<0.00050	<0.00051	<0.00048	<0.00050	0.00073 UJ	0.00056 UJ	<0.00066	<0.00051	<0.00048
	Diisopropyl ether	EPA 8260			mg/kg	<0.0010	<0.0010	<0.0010	<0.00096	<0.0010	<0.0015	<0.0011	<0.0013	<0.0010	<0.00096
	Ethyl benzene	EPA 8260	0.7	BCL	mg/kg	<0.00050	<0.00050	<0.00051	<0.00048	<0.00050	<0.00073	<0.00056	<0.00066	<0.00051	<0.00048
	Ethyl tert-butyl ether	EPA 8260			mg/kg	0.0010 UJ	0.0010 UJ	0.0010 UJ	0.00096 UJ	0.0010 UJ	0.0015 UJ	0.0011 UJ	0.0013 UJ	<0.0010	<0.00096
	Hexachlorobutadiene	EPA 8260	0.1	BCL	mg/kg	<0.0010	<0.0010	<0.0010	<0.00096	<0.0010	<0.0015	<0.0011	<0.0013	<0.0010	<0.00096
	2-Hexanone	EPA 8260			mg/kg	<0.0050	<0.0050	<0.0051	<0.0048	<0.0050	0.0073 UJ	0.0056 UJ	<0.0066	<0.0051	<0.0048
	Methyl tert-butyl ether	EPA 8260			mg/kg	0.0010 UJ	0.0010 UJ	0.0010 UJ	0.00096 UJ	0.0010 UJ	0.0015 UJ	0.0011 UJ	0.0013 UJ	<0.0010	<0.00096
	Methylene chloride	EPA 8260	0.001	BCL	mg/kg	<0.0050	<0.0050	<0.0051	<0.0048	<0.0050	<0.0073	<0.0056	<0.0066	<0.0051	<0.0048
	Naphthalene	EPA 8260	4	BCL	mg/kg	<0.0010	<0.0010	<0.0010	<0.00096	<0.0010	<0.0015	<0.0011	<0.0013	<0.0010	<0.00096
	n-Propylbenzene	EPA 8260	1.22	RSL	mg/kg	<0.00050	<0.00050	<0.00051	<0.00048	<0.00050	<0.00073	<0.00056	<0.00066	<0.00051	<0.00048
	Styrene	EPA 8260	0.2	BCL	mg/kg	<0.00050	<0.00050	<0.00051	<0.00048	<0.00050	<0.00073	<0.00056	<0.00066	<0.00051	<0.00048
	1,1,1,2-Tetrachloroethane	EPA 8260	0.000218	RSL	mg/kg	<0.0010	<0.0010	<0.0010	<0.00096	<0.0010	<0.0015	<0.0011	<0.0013	<0.0010	<0.00096
	1,1,1,2,2-Tetrachloroethane	EPA 8260	0.0002	BCL	mg/kg	<0.0010	<0.0010	<0.0010	<0.00096	<0.0010	<0.0015	<0.0011	<0.0013	<0.0010	<0.00096
	Tetrachloroethene	EPA 8260	0.003	BCL	mg/kg	<0.00050	<0.00050	<0.00051	<0.00048	<0.00050	<0.00073	<0.00056	<0.00066	<0.00051	<0.00048
	Toluene	EPA 8260	0.6	BCL	mg/kg	<0.00050	<0.00050	<0.00051	<0.00048	<0.00050	<0.00073	<0.00056	<0.00066	<0.00051	<0.00048
	1,2,3-Trichlorobenzene	EPA 8260	0.0209	RSL	mg/kg	<0.0010	<0.0010	<0.0010	<0.00096	<0.0010	<0.0015	<0.0011	<0.0013	<0.0010	<0.00096
	1,2,4-Trichlorobenzene	EPA 8260	0.3	BCL	mg/kg	<0.0010	<0.0010	<0.0010	<0.00096	<0.0010	<0.0015	<0.0011	<0.0013	<0.0010	<0.00096
	1,1,1-Trichloroethane	EPA 8260	0.1	BCL	mg/kg	<0.00050	<0.00050	<0.00051	<0.00048	<0.00050	<0.00073	<0.00056	<0.00066	<0.00051	<0.00048
	1,1,2-Trichloroethane	EPA 8260	0.0009	BCL	mg/kg	<0.00050	<0.00050	<0.00051	<0.00048	<0.00050	<0.00073	<0.00056	<0.00066	<0.00051	<0.00048
	Trichloroethene	EPA 8260	0.003	BCL	mg/kg	<0.00050	<0.00050	<0.00051	<0.00048	<0.00050	<0.00073	<0.00056	<0.00066	<0.00051	<0.00048
	Trichlorofluoromethane	EPA 8260	0.731	RSL	mg/kg	<0.0010	<0.0010	<0.0010	<0.00096	<0.0010	<0.0015	<0.0011	<0.0013	<0.0010	<0.00096
	1,2,3-Trichloropropane	EPA 8260	0.00000323	RSL	mg/kg	0.0010 UJ	0.0010 UJ	0.0010 UJ	0.00096 UJ	0.0010 UJ	0.0015 UJ	0.0011 UJ	0.0013 UJ	<0.0010	<0.00096
	1,2,4-Trimethylbenzene	EPA 8260	0.0212	RSL	mg/kg	<0.0010	<0.0010	<0.0010	<0.00096	<0.0010	<0.0015	<0.0011	<0.0013	<0.0010	<0.00096
1,3,5-Trimethylbenzene	EPA 8260	0.167	RSL	mg/kg	<0.0010	<0.0010	<0.0010	<0.00096	<0.0010	<0.0015	<0.0011	<0.0013	<0.0010	<0.00096	
Vinyl chloride	EPA 8260	0.0007	BCL	mg/kg	<0.0010	<0.0010	<0.0010	<0.00096	<0.0010	<0.0015	<0.0011	<0.0013	<0.0010	<0.00096	
m,p-Xylene	EPA 8260			mg/kg	<0.0010	<0.0010	<0.0010	<0.00096	<0.0010	<0.0015	<0.0011	<0.0013	<0.0010	<0.00096	
o-Xylene	EPA 8260	9	BCL	mg/kg	<0.00050	<0.00050	<0.00051	<0.00048	<0.00050	<0.00073	<0.00056	<0.00066	<0.00051	<0.00048	
1,2-Dibromo-3-chloropropane	EPA 8260	0.0000864	RSL	mg/kg	<0.0020	<0.0020	<0.0021	<0.0019	<0.0020	<0.0029	<0.0022	<0.0026	<0.0020	<0.0019	
4-Methyl-2-pentanone	EPA 8260			mg/kg	<0.0025	<0.0025	<0.0026	<0.0024	<0.0025	0.0036 UJ	0.0028 UJ	<0.0033	<0.0025	<0.0024	
tert Butyl alcohol	EPA 8260			mg/kg	<0.010	<0.010	<0.010	<0.0096	<0.010	<0.015	<0.011	<0.013	<0.010	<0.0096	
tert-Butylbenzene	EPA 8260	1.55	RSL	mg/kg	<0.0010	<0.0010	<0.0010	<0.00096	<0.0010	<0.0015	<0.0011	<0.0013	<0.0010	<0.00096	

TABLE A-6a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 8  
RI Data Evaluation  
Nevada Environmental Response Trust Site; Henderson, Nevada

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	M-189								M-190		
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	
						M-189-0.5-20141202	M-189-5.0-20141202	M-189-5.0-20141202-FD	M-189-10.0-20141202	M-189-15.0-20141202	M-189-20.0-20141202	M-189-25.0-20141202	M-189-30.0-20141202	M-190-0.5-20141205	M-190-5.0-20141205	
SVOCs	Acenaphthene	EPA 8270	29	BCL	mg/kg	<0.071	<0.071	<0.070	--	--	--	--	--	--	<0.072	<0.072
	Acenaphthene	EPA 8270-SIM	29	BCL	mg/kg	<0.042	<0.0043	<0.0042	--	--	--	--	--	--	<0.0043	<0.0042
	Aniline	EPA 8270	0.00456	RSL	mg/kg	<0.090	0.089 UJ	0.089 UJ	--	--	--	--	--	--	<0.092	<0.091
	Anthracene	EPA 8270	590	BCL	mg/kg	<0.085	<0.084	<0.084	--	--	--	--	--	--	<0.086	<0.086
	Anthracene	EPA 8270-SIM	590	BCL	mg/kg	<0.042	<0.0043	<0.0042	--	--	--	--	--	--	<0.0043	<0.0042
	Benzidine	EPA 8270			mg/kg	0.70 UJ	0.69 UJ	0.69 UJ	--	--	--	--	--	--	0.71 UJ	0.71 UJ
	Benzo(k)fluoranthene	EPA 8270	2	BCL	mg/kg	<0.074	<0.074	<0.073	--	--	--	--	--	--	<0.075	<0.075
	Benzo(k)fluoranthene	EPA 8270-SIM	2	BCL	mg/kg	<0.042	0.0043 UJ	<b>0.0043 J</b>	--	--	--	--	--	--	<0.0043	<0.0042
	Benzoic acid	EPA 8270	20	BCL	mg/kg	<0.36	<0.36	<0.36	--	--	--	--	--	--	<0.37	<0.37
	Benzyl alcohol	EPA 8270	0.476	RSL	mg/kg	<0.16	<0.16	<0.16	--	--	--	--	--	--	<0.16	<0.16
	4-Bromophenyl-phenyl ether	EPA 8270			mg/kg	<0.080	<0.079	<0.079	--	--	--	--	--	--	<0.081	<0.081
	Butylbenzylphthalate	EPA 8270	810	BCL	mg/kg	<0.085	<0.084	<0.084	--	--	--	--	--	--	<0.086	<0.086
	4-Chloroaniline	EPA 8270	0.03	BCL	mg/kg	<0.14	<0.14	<0.14	--	--	--	--	--	--	<0.14	<0.14
	2-Chloronaphthalene	EPA 8270	3.85	RSL	mg/kg	<0.071	<0.071	<0.070	--	--	--	--	--	--	<0.072	<0.072
	2-Chlorophenol	EPA 8270	0.2	BCL	mg/kg	<0.074	<0.074	<0.073	--	--	--	--	--	--	<0.075	<0.075
	4-Chlorophenyl-phenyl ether	EPA 8270			mg/kg	<0.090	<0.089	<0.089	--	--	--	--	--	--	<0.092	<0.091
	Chrysene	EPA 8270	8	BCL	mg/kg	<0.080	<0.079	<0.079	--	--	--	--	--	--	<0.081	<0.081
	Chrysene	EPA 8270-SIM	8	BCL	mg/kg	<0.042	<b>0.0073 J</b>	<b>0.011 J</b>	--	--	--	--	--	--	<b>0.0094 J</b>	<0.0042
	Di-n-butylphthalate	EPA 8270	270	BCL	mg/kg	<0.096	<0.095	<0.094	--	--	--	--	--	--	<0.097	<0.097
	Di-n-octylphthalate	EPA 8270	56.5	RSL	mg/kg	<0.096	<0.095	<0.094	--	--	--	--	--	--	<0.097	<0.097
	Dibenz(a,h)anthracene	EPA 8270	0.08	BCL	mg/kg	<0.11	<0.11	<0.10	--	--	--	--	--	--	<0.11	<0.11
	Dibenz(a,h)anthracene	EPA 8270-SIM	0.08	BCL	mg/kg	<0.042	<0.0043	<0.0042	--	--	--	--	--	--	<0.0043	<0.0042
	Dibenzofuran	EPA 8270	0.145	RSL	mg/kg	<0.071	<0.071	<0.070	--	--	--	--	--	--	<0.072	<0.072
	3,3'-Dichlorobenzidine	EPA 8270	0.0003	BCL	mg/kg	<0.16	<0.16	<0.16	--	--	--	--	--	--	<0.16	<0.16
	2,4-Dichlorophenol	EPA 8270	0.05	BCL	mg/kg	<0.071	<0.071	<0.070	--	--	--	--	--	--	<0.072	<0.072
	Diethylphthalate	EPA 8270	6.08	RSL	mg/kg	<0.10	<0.10	<0.099	--	--	--	--	--	--	<0.10	<0.10
	2,4-Dimethylphenol	EPA 8270	0.4	BCL	mg/kg	<0.14	<0.14	<0.14	--	--	--	--	--	--	<0.14	<0.14
	Dimethylphthalate	EPA 8270			mg/kg	<0.071	<0.071	<0.070	--	--	--	--	--	--	<0.072	<0.072
	2,4-Dinitrophenol	EPA 8270	0.01	BCL	mg/kg	<0.35	<0.35	<0.35	--	--	--	--	--	--	<0.36	<0.36
	2,4-Dinitrotoluene	EPA 8270	0.00004	BCL	mg/kg	<0.085	<0.084	<0.084	--	--	--	--	--	--	<0.086	<0.086
	2,6-Dinitrotoluene	EPA 8270	0.00003	BCL	mg/kg	<0.10	<0.10	<0.099	--	--	--	--	--	--	<0.10	<0.10
	Fluoranthene	EPA 8270	210	BCL	mg/kg	<0.074	<0.074	<0.073	--	--	--	--	--	--	<0.075	<0.075
	Fluoranthene	EPA 8270-SIM	210	BCL	mg/kg	<0.042	<b>0.0061 J</b>	<b>0.0097 J</b>	--	--	--	--	--	--	<b>0.0055 J</b>	<0.0042
	Fluorene	EPA 8270	28	BCL	mg/kg	<0.074	<0.074	<0.073	--	--	--	--	--	--	<0.075	<0.075
	Fluorene	EPA 8270-SIM	28	BCL	mg/kg	<0.042	<0.0043	<0.0042	--	--	--	--	--	--	<0.0043	<0.0042
	Hexachlorobenzene	EPA 8270	0.1	BCL	mg/kg	<0.074	<0.074	<0.073	--	--	--	--	--	--	<0.075	<0.075
	Hexachlorocyclopentadiene	EPA 8270	20	BCL	mg/kg	<0.14	<0.14	<0.14	--	--	--	--	--	--	<0.14	<0.14
	Hexachloroethane	EPA 8270	0.02	BCL	mg/kg	<0.14	<0.14	<0.14	--	--	--	--	--	--	<0.14	<0.14
	Isophorone	EPA 8270	0.03	BCL	mg/kg	<0.071	<0.071	<0.070	--	--	--	--	--	--	<0.072	<0.072
	1-Methylnaphthalene	EPA 8270	0.00584	RSL	mg/kg	<0.16	<0.16	<0.16	--	--	--	--	--	--	<0.16	<0.16
2-Methylnaphthalene	EPA 8270	0.185	RSL	mg/kg	<0.074	<0.074	<0.073	--	--	--	--	--	--	<0.075	<0.075	
2-Methylphenol	EPA 8270	0.8	BCL	mg/kg	<0.085	<0.084	<0.084	--	--	--	--	--	--	<0.086	<0.086	
3&4-Methylphenol	EPA 8270			mg/kg	<0.14	<0.14	<0.14	--	--	--	--	--	--	<0.14	<0.14	
Naphthalene	EPA 8270	4	BCL	mg/kg	<0.071	<0.071	<0.070	--	--	--	--	--	--	<0.072	<0.072	
Naphthalene	EPA 8270-SIM	4	BCL	mg/kg	<0.042	<0.0043	<0.0042	--	--	--	--	--	--	<0.0043	<0.0042	
2-Nitroaniline	EPA 8270	0.0801	RSL	mg/kg	<0.071	<0.071	<0.070	--	--	--	--	--	--	<0.072	<0.072	
3-Nitroaniline	EPA 8270			mg/kg	<0.14	<0.14	<0.14	--	--	--	--	--	--	<0.14	<0.14	
4-Nitroaniline	EPA 8270	0.00158	RSL	mg/kg	<0.14	<0.14	<0.14	--	--	--	--	--	--	<0.14	<0.14	
Nitrobenzene	EPA 8270	0.007	BCL	mg/kg	<0.074	<0.074	<0.073	--	--	--	--	--	--	<0.075	<0.075	

**TABLE A-6a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 8**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	M-189								M-190		
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	
						M-189-0.5-20141202	M-189-5.0-20141202	M-189-5.0-20141202-FD	M-189-10.0-20141202	M-189-15.0-20141202	M-189-20.0-20141202	M-189-25.0-20141202	M-189-30.0-20141202	M-190-0.5-20141205	M-190-5.0-20141205	
SVOCs	2-Nitrophenol	EPA 8270			mg/kg	<0.14	<0.14	<0.14	--	--	--	--	--	--	<0.14	<0.14
	4-Nitrophenol	EPA 8270			mg/kg	<0.15	0.15 UJ	0.15 UJ	--	--	--	--	--	--	<0.15	<0.15
	n-Nitrosodiphenylamine	EPA 8270	0.06	BCL	mg/kg	<0.085	<0.084	<0.084	--	--	--	--	--	--	<0.086	<0.086
	Octachlorostyrene	EPA 8270			mg/kg	<2.4	<2.4	<2.4	--	--	--	--	--	--	<2.5	<2.5
	Pentachlorophenol	EPA 8270	0.001	BCL	mg/kg	<0.36	<0.36	<0.36	--	--	--	--	--	--	<0.37	<0.37
	Phenol	EPA 8270	5	BCL	mg/kg	<0.096	<0.095	<0.094	--	--	--	--	--	--	<0.097	<0.097
	Pyrene	EPA 8270	210	BCL	mg/kg	<0.085	<0.084	<0.084	--	--	--	--	--	--	<0.086	<0.086
	Pyrene	EPA 8270-SIM	210	BCL	mg/kg	<0.042	<b>0.0069 J</b>	<b>0.011 J</b>	--	--	--	--	--	--	<b>0.0058 J</b>	<0.0042
	Pyridine	EPA 8270			mg/kg	<0.16	<0.16	<0.16	--	--	--	--	--	--	<0.16	<0.16
	2,4,5-Trichlorophenol	EPA 8270	14	BCL	mg/kg	<0.14	<0.14	<0.14	--	--	--	--	--	--	<0.14	<0.14
	2,4,6-Trichlorophenol	EPA 8270	0.008	BCL	mg/kg	<0.080	<0.079	<0.079	--	--	--	--	--	--	<0.081	<0.081
	bis(2-Chloroethoxy)methane	EPA 8270	0.0135	RSL	mg/kg	<0.14	<0.14	<0.14	--	--	--	--	--	--	<0.14	<0.14
	bis(2-Chloroethyl) ether	EPA 8270	0.00002	BCL	mg/kg	<0.074	<0.074	<0.073	--	--	--	--	--	--	<0.075	<0.075
	bis(2-Ethylhexyl)phthalate	EPA 8270	180	BCL	mg/kg	<0.096	<0.095	<0.094	--	--	--	--	--	--	<0.097	<0.097
4-Chloro-3-methylphenol	EPA 8270	1.71	RSL	mg/kg	<0.074	<0.074	<0.073	--	--	--	--	--	--	<0.075	<0.075	
n-Nitroso-di-n-propylamine	EPA 8270	0.000002	BCL	mg/kg	<0.074	<0.074	<0.073	--	--	--	--	--	--	<0.075	<0.075	
Organo-phosphorus Pesticides	Atrazine	EPA 8141A			mg/kg	<0.012	<0.013	<0.013	--	--	--	--	--	--	<0.013	<0.013
	Chlorpyrifos	EPA 8141A	0.124	RSL	mg/kg	<0.0064	<0.0067	<0.0068	--	--	--	--	--	--	<0.0070	<0.0068
	Coumaphos	EPA 8141A			mg/kg	<0.0028	<0.0029	<0.0030	--	--	--	--	--	--	<0.0031	<0.0029
	Dasanit	EPA 8141A			mg/kg	<0.0081	<0.0085	<0.0086	--	--	--	--	--	--	<0.0089	<0.0085
	Demeton (O + S)	EPA 8141A			mg/kg	<0.0074	<0.0078	<0.0079	--	--	--	--	--	--	<0.0082	<0.0079
	Demeton-O	EPA 8141A			mg/kg	<0.0052	<0.0055	<0.0056	--	--	--	--	--	--	<0.0058	<0.0055
	Demeton-S	EPA 8141A			mg/kg	<0.0048	<0.0050	<0.0051	--	--	--	--	--	--	<0.0053	<0.0051
	Diazinon	EPA 8141A	0.0648	RSL	mg/kg	<0.0072	<0.0075	<0.0077	--	--	--	--	--	--	<0.0079	<0.0076
	Dibrom	EPA 8141A			mg/kg	0.022 UJ	0.023 UJ	0.024 UJ	--	--	--	--	--	--	<0.025	<0.024
	Dichlorovos	EPA 8141A	0.0000811	RSL	mg/kg	<0.0073	<0.0077	<0.0078	--	--	--	--	--	--	<0.0081	<0.0077
	Dimethoate	EPA 8141A	0.000899	RSL	mg/kg	<0.0070	<0.0073	<0.0075	--	--	--	--	--	--	<0.0077	<0.0074
	Disulfoton	EPA 8141A	0.000939	RSL	mg/kg	<0.0076	<0.0080	<0.0081	--	--	--	--	--	--	<0.0084	<0.0081
	Ethoprop nitrophenyl benzenethiophosphate	EPA 8141A	0.00277	RSL	mg/kg	<0.0049	<0.0051	<0.0052	--	--	--	--	--	--	<0.0054	<0.0052
	Famphur	EPA 8141A			mg/kg	<0.0032	<0.0033	<0.0034	--	--	--	--	--	--	<0.0035	<0.0034
	Fenthion	EPA 8141A			mg/kg	<0.0086	<0.0091	<0.0092	--	--	--	--	--	--	<0.0095	<0.0091
	Guthion	EPA 8141A			mg/kg	<0.0035	<0.0036	<0.0037	--	--	--	--	--	--	<0.0038	<0.0037
	Malathion	EPA 8141A	0.102	RSL	mg/kg	<0.0046	<0.0048	<0.0049	--	--	--	--	--	--	<0.0051	<0.0049
	Merphos	EPA 8141A	0.059	RSL	mg/kg	<0.0051	<0.0053	<0.0054	--	--	--	--	--	--	<0.0056	<0.0054
	Methyl parathion	EPA 8141A	7.41	RSL	µg/kg	<6.3	<6.6	<6.7	--	--	--	--	--	--	<6.9	<6.7
	Mevinphos	EPA 8141A			mg/kg	<0.0046	<0.0048	<0.0049	--	--	--	--	--	--	<0.0050	<0.0048
	Parathion	EPA 8141A	432	RSL	µg/kg	<5.2	<5.5	<5.6	--	--	--	--	--	--	<5.8	<5.5
	Phorate	EPA 8141A	0.00338	RSL	mg/kg	<0.0056	<0.0059	<0.0060	--	--	--	--	--	--	<0.0062	<0.0060
	Prothiophos	EPA 8141A			mg/kg	<0.0039	<0.0041	<0.0041	--	--	--	--	--	--	<0.0043	<0.0041
	Ronnel	EPA 8141A	3.7	RSL	mg/kg	<0.015	<0.016	<0.016	--	--	--	--	--	--	<0.017	<0.016
Simazine	EPA 8141A			mg/kg	<0.022	<0.023	<0.023	--	--	--	--	--	--	<0.024	<0.023	
Stirophos	EPA 8141A			mg/kg	<0.0043	<0.0045	<0.0046	--	--	--	--	--	--	<0.0048	<0.0046	
Sulfotepp	EPA 8141A			mg/kg	<0.0062	<0.0065	<0.0066	--	--	--	--	--	--	<0.0068	<0.0066	
Sulprofos	EPA 8141A			mg/kg	<0.0042	<0.0044	<0.0045	--	--	--	--	--	--	<0.0046	<0.0044	
Thionazin	EPA 8141A			mg/kg	<0.0055	<0.0058	<0.0059	--	--	--	--	--	--	<0.0061	<0.0058	



TABLE A-6a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 8  
RI Data Evaluation  
Nevada Environmental Response Trust Site; Henderson, Nevada

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	M-189								M-190	
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs
						M-189-0.5-20141202	M-189-5.0-20141202	M-189-5.0-20141202-FD	M-189-10.0-20141202	M-189-15.0-20141202	M-189-20.0-20141202	M-189-25.0-20141202	M-189-30.0-20141202	M-190-0.5-20141205	M-190-5.0-20141205
Organo-phosphorus Pesticides	o-Ethyl o-2,4,5-trichlorophenyl ethyl-phosphonothioate	EPA 8141A			mg/kg	<0.0062	<0.0065	<0.0066	--	--	--	--	--	<0.0068	<0.0065
Organo-chlorine Pesticides	Aldrin	EPA 8081	0.02	BCL	mg/kg	<0.0016	0.0016 UJ	0.0016 UJ	--	--	--	--	--	<0.0016	<0.0016
	alpha-BHC	EPA 8081	0.0266	BCL	mg/kg	<0.0016	0.0016 UJ	0.0016 UJ	--	--	--	--	--	<0.0016	<0.0016
	beta-BHC	EPA 8081	0.00545	BCL	mg/kg	<0.0016	0.0016 UJ	0.0016 UJ	--	--	--	--	--	<0.0016	<0.0016
	delta-BHC	EPA 8081	28.1	BCL	mg/kg	<0.0016	0.0016 UJ	0.0016 UJ	--	--	--	--	--	<0.0016	<0.0016
	gamma-BHC	EPA 8081	0.0005	BCL	mg/kg	<0.0016	0.0016 UJ	0.0016 UJ	--	--	--	--	--	<0.0016	<0.0016
	alpha-Chlordane	EPA 8081			mg/kg	<0.0021	0.0021 UJ	0.0021 UJ	--	--	--	--	--	<0.0022	<0.0021
	gamma-Chlordane	EPA 8081			mg/kg	<0.0016	0.0016 UJ	0.0016 UJ	--	--	--	--	--	<0.0016	<0.0016
	4,4'-DDD	EPA 8081	0.8	BCL	mg/kg	<0.0016	0.0016 UJ	0.0016 UJ	--	--	--	--	--	<0.0016	<0.0016
	2,4'-DDE	EPA 8081			mg/kg	<0.0016	0.0016 UJ	0.0016 UJ	--	--	--	--	--	<b>0.0017 J</b>	<0.0016
	4,4'-DDE	EPA 8081	3	BCL	mg/kg	<b>0.041 J</b>	<b>0.0018 J</b>	<b>0.0043 J</b>	--	--	--	--	--	<b>0.030</b>	<b>0.015</b>
	4,4'-DDT	EPA 8081	2	BCL	mg/kg	<b>0.096</b>	<b>0.0023 J</b>	<b>0.0061 J</b>	--	--	--	--	--	<b>0.019</b>	<b>0.010</b>
	Dieldrin	EPA 8081	0.0002	BCL	mg/kg	<0.0016	0.0016 UJ	0.0016 UJ	--	--	--	--	--	<0.0016	<0.0016
	Endosulfan I	EPA 8081			mg/kg	<0.0016	0.0016 UJ	0.0016 UJ	--	--	--	--	--	<0.0016	<0.0016
	Endosulfan II	EPA 8081			mg/kg	<0.0016	0.0016 UJ	0.0016 UJ	--	--	--	--	--	<0.0016	<0.0016
	Endosulfan sulfate	EPA 8081			mg/kg	<0.0021	0.0021 UJ	0.0021 UJ	--	--	--	--	--	<0.0022	<0.0021
	Endrin	EPA 8081	0.05	BCL	mg/kg	<0.0016	0.0016 UJ	0.0016 UJ	--	--	--	--	--	<0.0016	<0.0016
	Endrin aldehyde	EPA 8081			mg/kg	<0.0016	0.0016 UJ	0.0016 UJ	--	--	--	--	--	<0.0016	<0.0016
Endrin ketone	EPA 8081			mg/kg	<0.0021	0.0021 UJ	0.0021 UJ	--	--	--	--	--	<0.0022	<0.0021	
Heptachlor	EPA 8081	1	BCL	mg/kg	<0.0021	0.0021 UJ	0.0021 UJ	--	--	--	--	--	<0.0022	<0.0021	
Heptachlor epoxide	EPA 8081	0.03	BCL	mg/kg	<0.0021	0.0021 UJ	0.0021 UJ	--	--	--	--	--	<0.0022	<0.0021	
Methoxychlor	EPA 8081	8	BCL	mg/kg	<0.0016	0.0016 UJ	0.0016 UJ	--	--	--	--	--	<0.0016	<0.0016	
Toxaphene	EPA 8081	2	BCL	mg/kg	<0.053	0.053 UJ	0.053 UJ	--	--	--	--	--	<0.054	<0.053	
PAHs	Acenaphthylene	EPA 8270	0.0106	CAL	mg/kg	<0.074	<0.074	<0.073	--	--	--	--	--	<0.075	<0.075
	Acenaphthylene	EPA 8270-SIM	0.0106	CAL	mg/kg	<0.042	<0.0043	<0.0042	--	--	--	--	--	<0.0043	<0.0042
	Benzo(a)anthracene	EPA 8270	0.08	BCL	mg/kg	<0.074	<0.074	<0.073	--	--	--	--	--	<0.075	<0.075
	Benzo(a)anthracene	EPA 8270-SIM	0.08	BCL	mg/kg	<0.042	0.0043 UJ	<b>0.0065 J</b>	--	--	--	--	--	<b>0.0051 J</b>	<0.0042
	Benzo(a)pyrene	EPA 8270	0.4	BCL	mg/kg	<0.071	<0.071	<0.070	--	--	--	--	--	<0.072	<0.072
	Benzo(a)pyrene	EPA 8270-SIM	0.4	BCL	mg/kg	<0.042	0.0043 UJ	<b>0.0057 J</b>	--	--	--	--	--	<b>0.0050 J</b>	<0.0042
	Benzo(b)fluoranthene	EPA 8270	0.2	BCL	mg/kg	<0.074	<0.074	<0.073	--	--	--	--	--	<0.075	<0.075
	Benzo(b)fluoranthene	EPA 8270-SIM	0.2	BCL	mg/kg	<0.042	<b>0.0086 J</b>	<b>0.013 J</b>	--	--	--	--	--	<b>0.012 J</b>	<0.0042
	Benzo(g,h,i)perylene	EPA 8270			mg/kg	<0.12	<0.12	<0.12	--	--	--	--	--	<0.12	<0.12
	Benzo(g,h,i)perylene	EPA 8270-SIM			mg/kg	<0.042	<b>0.0058 J</b>	<b>0.0086 J</b>	--	--	--	--	--	<b>0.0062 J</b>	<0.0042
	Indeno(1,2,3-cd)pyrene	EPA 8270	0.7	BCL	mg/kg	<0.14	<0.14	<0.14	--	--	--	--	--	<0.14	<0.14
	Indeno(1,2,3-cd)pyrene	EPA 8270-SIM	0.7	BCL	mg/kg	<0.042	<b>0.0044 J</b>	<b>0.0066 J</b>	--	--	--	--	--	<b>0.0065 J</b>	<0.0042
Phenanthrene	EPA 8270	0.0243	CAL	mg/kg	<0.071	<0.071	<0.070	--	--	--	--	--	<0.072	<0.072	
Phenanthrene	EPA 8270-SIM	0.0243	CAL	mg/kg	<0.042	<0.0043	<0.0042	--	--	--	--	--	<0.0043	<0.0042	
PCBs	Aroclor-1260	EPA 8082	0.00549	RSL	mg/kg	<b>0.34</b>	<b>0.035 J</b>	<b>0.053</b>	--	--	--	--	--	<b>0.068 J</b>	<b>0.021 J</b>
	PCB-001	EPA 1668A			pg/g	<b>32 J</b>	1.2 UJ	<b>1.4 J</b>	--	--	--	--	--	<b>9.8 J</b>	<0.16
	PCB-002	EPA 1668A			pg/g	<b>32 J</b>	0.47 UJ	<b>2.2 J</b>	--	--	--	--	--	<b>4.1 J</b>	<0.16
	PCB-003	EPA 1668A			pg/g	<b>45 J</b>	<b>3.3 J</b>	<b>4.2 J</b>	--	--	--	--	--	<b>33</b>	<0.16
	PCB-004	EPA 1668A			pg/g	<14	<2.7	<2.4	--	--	--	--	--	<4.4	<2.9
	PCB-005	EPA 1668A			pg/g	<8.8	<1.1	<1.2	--	--	--	--	--	<3.2	<2.2
	PCB-006	EPA 1668A			pg/g	<b>26 J</b>	<b>2.8 J</b>	<b>3.7 J</b>	--	--	--	--	--	<3.2	<2.2
	PCB-007	EPA 1668A			pg/g	<8.5	<1.0	<1.1	--	--	--	--	--	<3.1	<2.1
	PCB-008	EPA 1668A			pg/g	<b>61 J</b>	<b>7.0 J</b>	<b>8.5 J</b>	--	--	--	--	--	<b>7.5 J</b>	<2.1
	PCB-009	EPA 1668A			pg/g	<b>20 J</b>	<1.2	<1.3	--	--	--	--	--	<3.5	<2.4
	PCB-010	EPA 1668A			pg/g	<13	<1.6	<1.5	--	--	--	--	--	<2.8	<2.1

TABLE A-6a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 8  
RI Data Evaluation  
Nevada Environmental Response Trust Site; Henderson, Nevada

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	M-189						M-190			
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs
						M-189-0.5-20141202	M-189-5.0-20141202	M-189-5.0-20141202-FD	M-189-10.0-20141202	M-189-15.0-20141202	M-189-20.0-20141202	M-189-25.0-20141202	M-189-30.0-20141202	M-190-0.5-20141205	M-190-5.0-20141205
PCBs	PCB-011	EPA 1668A			pg/g	17 J	11 J	12 J	--	--	--	--	--	6.3 J	4.5 J
	PCB-014	EPA 1668A			pg/g	<8.1	<1.0	<1.1	--	--	--	--	--	<3.0	<2.0
	PCB-015	EPA 1668A			pg/g	62 J	13 J	16 J	--	--	--	--	--	94	<3.0
	PCB-016	EPA 1668A			pg/g	12 J	4.0 J	4.5 J	--	--	--	--	--	1.6 J	<0.34
	PCB-017	EPA 1668A			pg/g	14 J	3.1 J	3.4 J	--	--	--	--	--	0.87 J	<0.27
	PCB-019	EPA 1668A			pg/g	<2.5	0.75 J	0.91 J	--	--	--	--	--	<0.46	<0.26
	PCB-022	EPA 1668A			pg/g	<9.1	4.7 J	5.4 J	--	--	--	--	--	6.1 J	<0.25
	PCB-023	EPA 1668A			pg/g	<7.3	<0.62	<0.59	--	--	--	--	--	<1.2	<0.20
	PCB-024	EPA 1668A			pg/g	<2.3	<0.25	<0.24	--	--	--	--	--	<0.31	<0.22
	PCB-025	EPA 1668A			pg/g	<7.5	<0.63	<0.61	--	--	--	--	--	<1.2	<0.21
	PCB-027	EPA 1668A			pg/g	<2.3	0.52 J	0.72 J	--	--	--	--	--	0.54 J	<0.21
	PCB-031	EPA 1668A			pg/g	150 J	9.8 J	12 J	--	--	--	--	--	8.1 J	0.39 J
	PCB-032	EPA 1668A			pg/g	9.8 J	2.2 J	2.6 J	--	--	--	--	--	2.5 J	<0.17
	PCB-034	EPA 1668A			pg/g	<8.1	<0.68	<0.65	--	--	--	--	--	<1.3	<0.22
	PCB-035	EPA 1668A			pg/g	<9.3	<0.79	<0.75	--	--	--	--	--	6.0 J	<0.26
	PCB-036	EPA 1668A			pg/g	<8.6	<0.72	<0.69	--	--	--	--	--	2.3 J	<0.23
	PCB-037	EPA 1668A			pg/g	92 J	8.8 J	12 J	--	--	--	--	--	40	<0.39
	PCB-038	EPA 1668A			pg/g	<9.3	<0.79	<0.75	--	--	--	--	--	<1.5	<0.25
	PCB-039	EPA 1668A			pg/g	<8.3	<0.70	<0.67	--	--	--	--	--	<1.3	<0.23
	PCB-041	EPA 1668A			pg/g	<14	<0.31	<0.39	--	--	--	--	--	<0.29	<0.20
	PCB-042	EPA 1668A			pg/g	140 J	5.3 J	6.4 J	--	--	--	--	--	15 J	<0.16
	PCB-043	EPA 1668A			pg/g	<13	0.86 J	0.38 UJ	--	--	--	--	--	1.6 J	<0.19
	PCB-045	EPA 1668A			pg/g	<13	3.8 J	5.2 J	--	--	--	--	--	7.7 J	<0.19
	PCB-046	EPA 1668A			pg/g	<13	2.1 J	2.2 J	--	--	--	--	--	2.8 J	<0.19
	PCB-048	EPA 1668A			pg/g	56 J	2.6 J	3.2 J	--	--	--	--	--	2.0 J	<0.16
	PCB-051	EPA 1668A			pg/g	<10	1.4 J	0.29 UJ	--	--	--	--	--	2.0 J	0.39 J
	PCB-052	EPA 1668A			pg/g	8,300	46 J	120 J	--	--	--	--	--	90	1.1 J
	PCB-054	EPA 1668A			pg/g	<1.8	<0.18	<0.21	--	--	--	--	--	<0.17	<0.13
	PCB-055	EPA 1668A			pg/g	<43	<1.3	<1.5	--	--	--	--	--	<3.2	<0.20
	PCB-056	EPA 1668A			pg/g	490	9.7 J	12 J	--	--	--	--	--	36	<0.24
	PCB-057	EPA 1668A			pg/g	<48	<1.4	<1.6	--	--	--	--	--	<3.6	<0.22
	PCB-058	EPA 1668A			pg/g	<48	<1.4	<1.6	--	--	--	--	--	<3.6	<0.22
	PCB-060	EPA 1668A			pg/g	220	6.5 J	7.3 J	--	--	--	--	--	28	<0.21
PCB-063	EPA 1668A			pg/g	<45	<1.3	<1.5	--	--	--	--	--	3.7 J	<0.20	
PCB-064	EPA 1668A			pg/g	760	21	28	--	--	--	--	--	62	0.14 J	
PCB-066	EPA 1668A			pg/g	1,300	22	30	--	--	--	--	--	83	<0.24	
PCB-067	EPA 1668A			pg/g	<44	<1.3	<1.5	--	--	--	--	--	<3.3	<0.20	
PCB-068	EPA 1668A			pg/g	<44	<1.3	<1.5	--	--	--	--	--	<3.3	<0.20	
PCB-072	EPA 1668A			pg/g	<46	<1.3	<1.6	--	--	--	--	--	<3.4	<0.21	
PCB-073	EPA 1668A			pg/g	<8.4	<0.19	<0.24	--	--	--	--	--	1.6 J	<0.12	
PCB-077	EPA 1668A			pg/g	250	17	15	--	--	--	--	--	46	<0.37	
PCB-078	EPA 1668A			pg/g	<54	<1.6	<1.8	--	--	--	--	--	<4.0	<0.24	
PCB-079	EPA 1668A			pg/g	170 J	1.5 UJ	5.9 J	--	--	--	--	--	13 J	<0.23	
PCB-080	EPA 1668A			pg/g	<44	<1.3	<1.5	--	--	--	--	--	<3.3	<0.20	
PCB-081	EPA 1668A		61.8 RSL	pg/g	<59	<1.7	<1.9	--	--	--	--	--	<4.2	<0.32	
PCB-082	EPA 1668A			pg/g	1,500	23	32	--	--	--	--	--	63	<0.29	
PCB-083	EPA 1668A			pg/g	1,100	18 J	19 J	--	--	--	--	--	26	<0.32	
PCB-084	EPA 1668A			pg/g	3,500	64	87	--	--	--	--	--	96	<0.29	
PCB-089	EPA 1668A			pg/g	<490	<11	<12	--	--	--	--	--	<19	<0.27	

**TABLE A-6a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 8**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	M-189						M-190			
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs
						M-189-0.5-20141202	M-189-5.0-20141202	M-189-5.0-20141202-FD	M-189-10.0-20141202	M-189-15.0-20141202	M-189-20.0-20141202	M-189-25.0-20141202	M-189-30.0-20141202	M-190-0.5-20141205	M-190-5.0-20141205
PCBs	PCB-092	EPA 1668A			pg/g	3,100	70	84	--	--	--	--	--	92	<0.25
	PCB-094	EPA 1668A			pg/g	<470	<11	<11	--	--	--	--	--	<18	<0.26
	PCB-095	EPA 1668A			pg/g	12,000	400	470	--	--	--	--	--	580	1.9 J
	PCB-096	EPA 1668A			pg/g	66 J	2.0 J	2.3 J	--	--	--	--	--	2.8 J	<0.12
	PCB-099	EPA 1668A			pg/g	4,700	44	73	--	--	--	--	--	120	0.30 J
	PCB-103	EPA 1668A			pg/g	<420	<9.6	<10	--	--	--	--	--	<16	<0.23
	PCB-104	EPA 1668A			pg/g	<2.4	0.15 UJ	0.26 J	--	--	--	--	--	0.98 J	<0.094
	PCB-105	EPA 1668A			pg/g	5,200	46	56	--	--	--	--	--	190	0.50 J
	PCB-106	EPA 1668A			pg/g	<370	<8.4	<8.9	--	--	--	--	--	<14	<0.20
	PCB-109	EPA 1668A			pg/g	1,100	16 J	16 J	--	--	--	--	--	42	<0.18
	PCB-111	EPA 1668A			pg/g	<310	<7.1	<7.5	--	--	--	--	--	<12	<0.17
	PCB-112	EPA 1668A			pg/g	<320	<7.3	<7.8	--	--	--	--	--	<13	<0.18
	PCB-114	EPA 1668A			pg/g	<350	<9.2	<9.0	--	--	--	--	--	16	<0.21
	PCB-118	EPA 1668A	1,010	RSL	pg/g	13,000	120	150	--	--	--	--	--	400	0.90 J
	PCB-120	EPA 1668A			pg/g	670	<7.5	<7.9	--	--	--	--	--	<13	<0.18
	PCB-121	EPA 1668A			pg/g	<310	<7.2	<7.6	--	--	--	--	--	<12	<0.17
	PCB-122	EPA 1668A			pg/g	<380	<8.7	<9.2	--	--	--	--	--	<15	<0.21
	PCB-123	EPA 1668A			pg/g	<330	<8.8	<8.9	--	--	--	--	--	<14	<0.20
	PCB-126	EPA 1668A	0.303	RSL	pg/g	<430	28	27	--	--	--	--	--	37	<0.29
	PCB-127	EPA 1668A			pg/g	<360	<8.3	<8.8	--	--	--	--	--	<14	<0.20
	PCB-130	EPA 1668A			pg/g	3,400	140	160	--	--	--	--	--	140	<0.35
	PCB-131	EPA 1668A			pg/g	730	19 J	19 J	--	--	--	--	--	20 J	<0.34
	PCB-132	EPA 1668A			pg/g	17,000	970	1,100	--	--	--	--	--	870	1.5 J
	PCB-133	EPA 1668A			pg/g	620	42	45	--	--	--	--	--	33	<0.31
	PCB-136	EPA 1668A			pg/g	5,200	520	520	--	--	--	--	--	420	0.75 J
	PCB-137	EPA 1668A			pg/g	1,300	48 J	28 J	--	--	--	--	--	40	<0.28
	PCB-141	EPA 1668A			pg/g	18,000	860	920	--	--	--	--	--	990	1.8 J
	PCB-142	EPA 1668A			pg/g	<410	<15	<15	--	--	--	--	--	<18	<0.30
	PCB-144	EPA 1668A			pg/g	2,800	220	220	--	--	--	--	--	220	<0.28
	PCB-145	EPA 1668A			pg/g	<280	<10	<10	--	--	--	--	--	<12	<0.21
	PCB-146	EPA 1668A			pg/g	11,000	590	620	--	--	--	--	--	490	0.78 J
	PCB-148	EPA 1668A			pg/g	<380	<14	<14	--	--	--	--	--	<16	<0.28
	PCB-150	EPA 1668A			pg/g	<260	<9.3	<9.6	--	--	--	--	--	<11	<0.19
PCB-152	EPA 1668A			pg/g	<280	<9.9	<10	--	--	--	--	--	<12	<0.20	
PCB-154	EPA 1668A			pg/g	560	32	32	--	--	--	--	--	28	<0.25	
PCB-155	EPA 1668A			pg/g	<360	<7.6	<9.3	--	--	--	--	--	<11	<0.15	
PCB-158	EPA 1668A			pg/g	7,200	320	370	--	--	--	--	--	330	0.59 J	
PCB-159	EPA 1668A			pg/g	1,400	89 J	17 J	--	--	--	--	--	21 J	<0.16	
PCB-160	EPA 1668A			pg/g	<330	<12	<12	--	--	--	--	--	<14	<0.24	
PCB-161	EPA 1668A			pg/g	<300	<10	<11	--	--	--	--	--	<13	<0.22	
PCB-162	EPA 1668A			pg/g	<110	5.7 J	4.8 J	--	--	--	--	--	15 J	<0.14	
PCB-164	EPA 1668A			pg/g	4,800	240	310	--	--	--	--	--	270	0.34 J	
PCB-165	EPA 1668A			pg/g	<340	<12	<13	--	--	--	--	--	<15	<0.25	
PCB-167	EPA 1668A			pg/g	2,400	82	91	--	--	--	--	--	100	<0.14	
PCB-169	EPA 1668A	1.65	RSL	pg/g	<140	<5.4	<4.6	--	--	--	--	--	<7.5	<0.21	
PCB-170	EPA 1668A			pg/g	42,000 J	1,900	2,200 J	--	--	--	--	--	1,800	3.1 J	
PCB-172	EPA 1668A			pg/g	7,900	340	420	--	--	--	--	--	350	0.72 J	
PCB-174	EPA 1668A			pg/g	47,000 J	2,700 J	3,000 J	--	--	--	--	--	2,600 J	4.9 J	
PCB-175	EPA 1668A			pg/g	2,000	110	120	--	--	--	--	--	140	<0.22	

**TABLE A-6a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 8**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	M-189								M-190	
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs
						M-189-0.5-20141202	M-189-5.0-20141202	M-189-5.0-20141202-FD	M-189-10.0-20141202	M-189-15.0-20141202	M-189-20.0-20141202	M-189-25.0-20141202	M-189-30.0-20141202	M-190-0.5-20141205	M-190-5.0-20141205
PCBs	PCB-176	EPA 1668A			pg/g	4,000	280	300	--	--	--	--	--	280	0.41 J
	PCB-177	EPA 1668A			pg/g	27,000 J	1,400	1,500	--	--	--	--	--	1,300	2.6 J
	PCB-178	EPA 1668A			pg/g	8,200	490	540	--	--	--	--	--	450	0.77 J
	PCB-179	EPA 1668A			pg/g	15,000	1,100	1,100	--	--	--	--	--	950	1.5 J
	PCB-181	EPA 1668A			pg/g	<90	<4.7	<4.8	--	--	--	--	--	22	<0.15
	PCB-182	EPA 1668A			pg/g	310	10 J	17 J	--	--	--	--	--	33	<0.20
	PCB-183	EPA 1668A			pg/g	23,000 J	1,300	1,400	--	--	--	--	--	1,200	2.0 J
	PCB-184	EPA 1668A			pg/g	120 J	6.5 J	1.1 UJ	--	--	--	--	--	56	<0.17
	PCB-185	EPA 1668A			pg/g	5,200	190	240	--	--	--	--	--	370	0.67 J
	PCB-186	EPA 1668A			pg/g	<15	<1.0	<1.1	--	--	--	--	--	6.9 J	<0.16
	PCB-187	EPA 1668A			pg/g	46,000 J	2,900 J	3,200 J	--	--	--	--	--	2,700 J	4.7 J
	PCB-188	EPA 1668A			pg/g	140 J	7.2 J	8.1 J	--	--	--	--	--	31	<0.15
	PCB-189	EPA 1668A			pg/g	1,300	67	75	--	--	--	--	--	99	<0.29
	PCB-190	EPA 1668A			pg/g	8,900	410	450	--	--	--	--	--	410	0.83 J
	PCB-191	EPA 1668A			pg/g	1,900	89	100	--	--	--	--	--	110	<0.12
	PCB-192	EPA 1668A			pg/g	<77	<4.0	<4.1	--	--	--	--	--	<5.1	<0.13
	PCB-194	EPA 1668A			pg/g	17,000	970	1,100	--	--	--	--	--	1,000	2.0 J
	PCB-195	EPA 1668A			pg/g	6,100	370	400	--	--	--	--	--	400	0.55 J
	PCB-196	EPA 1668A			pg/g	9,700	620	640	--	--	--	--	--	740	1.5 J
	PCB-197	EPA 1668A			pg/g	570	49	52	--	--	--	--	--	160	0.17 J
	PCB-200	EPA 1668A			pg/g	2,500	180	190	--	--	--	--	--	260	0.57 J
	PCB-201	EPA 1668A			pg/g	2,300	170	170	--	--	--	--	--	320	0.59 J
	PCB-202	EPA 1668A			pg/g	2,700	200	210	--	--	--	--	--	260	0.49 J
	PCB-203	EPA 1668A			pg/g	12,000	740	800	--	--	--	--	--	850	1.7 J
	PCB-204	EPA 1668A			pg/g	<15	<1.2	<1.2	--	--	--	--	--	93	0.16 J
	PCB-205	EPA 1668A			pg/g	1,100	67	70	--	--	--	--	--	130	<0.25
	PCB-206	EPA 1668A			pg/g	4,400	290	310	--	--	--	--	--	990	1.7 J
	PCB-207	EPA 1668A			pg/g	1,200	81	90	--	--	--	--	--	1,000	1.9 J
	PCB-208	EPA 1668A			pg/g	1,100	73	80	--	--	--	--	--	620	1.1 J
	PCB-209	EPA 1668A			pg/g	5,200	360	420	--	--	--	--	--	7,400 J	16 J
	PCBs 107+124	EPA 1668A			pg/g	560	<8.0	<8.4	--	--	--	--	--	22 J	<0.19
	PCBs 110+115	EPA 1668A			pg/g	22,000	590	730	--	--	--	--	--	850	1.4 J
	PCBs 12+13	EPA 1668A			pg/g	<9.4	<1.2	<1.3	--	--	--	--	--	6.7 J	<2.4
	PCBs 128+166	EPA 1668A			pg/g	7,400	280	330	--	--	--	--	--	320	0.62 J
	PCBs 129+138+163	EPA 1668A			pg/g	78,000 J	3,500	4,000	--	--	--	--	--	3,400	5.8 J
	PCBs 134+143	EPA 1668A			pg/g	2,000	120	140	--	--	--	--	--	130	<0.32
	PCBs 135+151	EPA 1668A			pg/g	23,000	1,700	1,800	--	--	--	--	--	1,500	2.6 J
	PCBs 139+140	EPA 1668A			pg/g	<380	24 J	26 J	--	--	--	--	--	28 J	<0.28
	PCBs 147+149	EPA 1668A			pg/g	51,000 J	3,800	3,900	--	--	--	--	--	3,100	5.4 J
	PCBs 153+168	EPA 1668A			pg/g	61,000 J	3,200	3,300	--	--	--	--	--	3,200	6.1 J
	PCBs 156+157	EPA 1668A			pg/g	5,900	160	180	--	--	--	--	--	250	0.45 J
	PCBs 171+173	EPA 1668A			pg/g	13,000	650	720	--	--	--	--	--	670	1.2 J
	PCBs 18+30	EPA 1668A			pg/g	47 J	7.1 J	7.8 J	--	--	--	--	--	2.1 J	0.43 J
	PCBs 180+193	EPA 1668A			pg/g	100,000 J	5,100 J	5,800 J	--	--	--	--	--	4,900 J	8.8 J
	PCBs 198+199	EPA 1668A			pg/g	19,000	1,300	1,300	--	--	--	--	--	1,500	2.6 J
	PCBs 20+28	EPA 1668A			pg/g	81 J	15 J	17 J	--	--	--	--	--	25 J	0.43 J
	PCBs 21+33	EPA 1668A			pg/g	35 J	5.9 J	7.3 J	--	--	--	--	--	4.5 J	0.22 J
	PCBs 26+29	EPA 1668A			pg/g	28 J	1.9 J	2.0 J	--	--	--	--	--	2.3 J	<0.22
	PCBs 40+71	EPA 1668A			pg/g	380 J	16 J	19 J	--	--	--	--	--	41 J	<0.16

**TABLE A-6a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 8**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	M-189								M-190		
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	
						M-189-0.5-20141202	M-189-5.0-20141202	M-189-5.0-20141202-FD	M-189-10.0-20141202	M-189-15.0-20141202	M-189-20.0-20141202	M-189-25.0-20141202	M-189-30.0-20141202	M-190-0.5-20141205	M-190-5.0-20141205	
PCBs	PCBs 44+47+65	EPA 1668A			pg/g	2,400	24 J	46 J	--	--	--	--	--	--	51 J	1.1 J
	PCBs 49+69	EPA 1668A			pg/g	1,000	8.6 J	19 J	--	--	--	--	--	--	11 J	<0.14
	PCBs 50+53	EPA 1668A			pg/g	130 J	3.5 J	4.8 J	--	--	--	--	--	--	5.0 J	<0.15
	PCBs 59+62+75	EPA 1668A			pg/g	<8.2	2.5 J	2.1 J	--	--	--	--	--	--	11 J	<0.12
	PCBs 61+70+74+76	EPA 1668A			pg/g	5,500	41 J	77 J	--	--	--	--	--	--	89	<0.21
	PCBs 85+116+117	EPA 1668A			pg/g	1,600	17 J	27 J	--	--	--	--	--	--	87	<0.20
	PCBs 86+87+97+108+119+125	EPA 1668A			pg/g	9,800	110 J	160	--	--	--	--	--	--	260	0.64 J
	PCBs 88+91	EPA 1668A			pg/g	1,500	32 J	41 J	--	--	--	--	--	--	40 J	<0.24
	PCBs 90+101+113	EPA 1668A			pg/g	16,000	300	350	--	--	--	--	--	--	610	1.4 J
	PCBs 93+100	EPA 1668A			pg/g	<440	<10	<11	--	--	--	--	--	--	<17	<0.24
PCBs 98+102	EPA 1668A			pg/g	<400	<9.3	<9.8	--	--	--	--	--	--	<16	<0.22	
Dioxins/Furans	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	EPA 8290			pg/g	58	10	9.1	--	--	--	--	--	--	92	0.71 J
	1,2,3,4,6,7,8-Heptachlorodibenzofuran	EPA 8290			pg/g	460	28	31	--	--	--	--	--	--	1,100	2.1 J
	1,2,3,4,7,8,9-Heptachlorodibenzofuran	EPA 8290			pg/g	130	9.3	10	--	--	--	--	--	--	340	0.41 J
	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	EPA 8290			pg/g	4.4 J	0.43 J	0.37 J	--	--	--	--	--	--	9.5	<0.14
	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	EPA 8290			pg/g	11	0.87 J	0.88 J	--	--	--	--	--	--	25	<0.12
	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	EPA 8290			pg/g	9.7	0.95 J	0.79 J	--	--	--	--	--	--	24	<0.11
	1,2,3,4,7,8-Hexachlorodibenzofuran	EPA 8290			pg/g	210	11	11	--	--	--	--	--	--	430	0.69 J
	1,2,3,6,7,8-Hexachlorodibenzofuran	EPA 8290			pg/g	130	6.7	7.5	--	--	--	--	--	--	250	0.58 J
	1,2,3,7,8,9-Hexachlorodibenzofuran	EPA 8290			pg/g	11	0.77 J	0.77 J	--	--	--	--	--	--	<32	<0.18
	2,3,4,6,7,8-Hexachlorodibenzofuran	EPA 8290			pg/g	26	1.9 J	2.0 J	--	--	--	--	--	--	65	<0.16
	HpCDD (total)	EPA 8290			pg/g	100	39	37	--	--	--	--	--	--	150	1.3 J
	HpCDF (total)	EPA 8290			pg/g	830	57	63	--	--	--	--	--	--	2,200	4.2 J
	HxCDD (total)	EPA 8290			pg/g	71	7.3	7.6	--	--	--	--	--	--	170	<0.14
	HxCDF (total)	EPA 8290			pg/g	910	53	56	--	--	--	--	--	--	1,800	2.2 J
	1,2,3,4,5,6,7,8-Octachlorodibenzo-p-dioxin	EPA 8290			pg/g	250 J	61	65	--	--	--	--	--	--	190	9.6 J
	1,2,3,4,5,6,7,8-Octachlorodibenzofuran	EPA 8290			pg/g	970	72	80	--	--	--	--	--	--	2,800	5.3 J
	PeCDD (total)	EPA 8290			pg/g	49	2.8 J	3.8 J	--	--	--	--	--	--	160	<0.16
	PeCDF (total)	EPA 8290			pg/g	690	45	52	--	--	--	--	--	--	1,700	0.94 J
	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	EPA 8290			pg/g	5.9	0.21 UJ	0.40 J	--	--	--	--	--	--	12	<0.16
	1,2,3,7,8-Pentachlorodibenzofuran	EPA 8290			pg/g	88	6.6	6.9	--	--	--	--	--	--	190	<0.19
2,3,4,7,8-Pentachlorodibenzofuran	EPA 8290			pg/g	40	3.4 J	3.5 J	--	--	--	--	--	--	85	<0.19	
TCDD (total)	EPA 8290			pg/g	33	2.4	2.3	--	--	--	--	--	--	100	<0.10	
TCDF (total)	EPA 8290			pg/g	480	41	48	--	--	--	--	--	--	1,000	1.5	
2,3,7,8-Tetrachlorodibenzo-p-dioxin	EPA 8290		15 RSL	pg/g	1.8	0.13 J	0.10 UJ	--	--	--	--	--	--	3.1	<0.10	

**TABLE A-6a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 8**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	M-189							M-190		
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs
						M-189-0.5-20141202	M-189-5.0-20141202	M-189-5.0-20141202-FD	M-189-10.0-20141202	M-189-15.0-20141202	M-189-20.0-20141202	M-189-25.0-20141202	M-189-30.0-20141202	M-190-0.5-20141205	M-190-5.0-20141205
Dioxins/Furans	2,3,7,8-Tetrachlorodibenzofuran	EPA 8290			pg/g	110	12	13	--	--	--	--	--	97	0.25 J
	Total PCB TEQs (calculated by TAS)	EPA 8280A			pg/g	25	2.9	2.8	--	--	--	--	--	3.8	0.018
	Total TEQ (Calculated)	EPA 8280A			pg/g	120	5.4	5.9	--	--	--	--	--	150	0.39
Organic Acids	Phthalic acid	EPA 8270			µg/kg	<1,300	<1,300	<1,300	--	--	--	--	--	--	--
Radionuclides	Radium-226	EPA 903.0	0.006	BCL	pCi/g	1.19	1.02	1.19	--	--	--	--	--	1.10	1.16 J
	Radium-228	EPA 904.0	0.006	BCL	pCi/g	1.48	1.09	1.28	--	--	--	--	--	1.30	1.16 J
	Thorium-228	DOE A-01-R	0.0027	BCL	pCi/g	1.72	1.77	1.91	--	--	--	--	--	1.77	1.49
	Thorium-230	DOE A-01-R	0.001	BCL	pCi/g	1.00	1.08	0.914 J	--	--	--	--	--	1.11	1.07
	Thorium-232	DOE A-01-R	0.0035	BCL	pCi/g	1.46	1.64	1.69	--	--	--	--	--	1.39	1.24
	Uranium-233/234	DOE A-01-R			pCi/g	0.817	1.06	1.07	--	--	--	--	--	1.30	1.54
	Uranium-235/236	DOE A-01-R			pCi/g	<0.0433	0.0449 UJ	0.0890 J	--	--	--	--	--	0.0529	0.112
	Uranium-238	DOE A-01-R			pCi/g	1.05	1.05	1.00	--	--	--	--	--	1.18	1.15
	Uranium-238	EPA 6020	13.5	BCL	mg/kg	1.3	0.96	1.0	--	--	--	--	1.1	1.6	
Total Petroleum Hydrocarbons	Diesel Range Organics (C10-C28)	EPA 8015			mg/kg	370	50	82	--	--	--	--	--	13	4.9 J
	EFH (C10-C40)	EPA 8015			mg/kg	440	75 J	130 J	--	--	--	--	--	27	7.9
	Gasoline Range Organics (C6-C10)	EPA 8015			µg/kg	<150	<150	<160	--	--	--	--	--	<160	<150
	Petroleum Hydrocarbons (C29-C40)	EPA 8015			mg/kg	57	16 J	44 J	--	--	--	--	--	2.7 J	3.0 J
General Chemistry	Alkalinity (as CaCO3)	SM 2320			mg/kg	31,000	29,000	28,000	58,000	32,000	43,000	2,400	3,900	27,000	27,000
	Ammonia (as NH3)	SM 4500			mg/kg	<2.6	5.5 J	5.2 J	4.1 J	3.8 J	4.1 J	3.1 J	4.5 J	<2.6	2.8 J
	Bicarbonate as HCO3	SM 2320			mg/kg	34,000	31,000	30,000	67,000	35,000	50,000	<720	<790	30,000	31,000
	Bromide	EPA 300			mg/kg	<3.7	<3.7	<3.7	<3.8	<3.8	<5.1	<4.2	<4.6	<3.8	<3.8
	Carbonate (CO3)	SM 2320			mg/kg	1,900	1,900	1,900	1,900	2,300	1,300	1,400	2,300	1,300	1,300
	Chloride	EPA 300			mg/kg	150 J	19 J	28 J	6.0 J	8.8 J	47 J	16 J	94 J	5.7	4.6 J
	Hydroxide	SM 2320			mg/kg	<180	<180	<180	<180	<180	<250	<200	<220	<180	<180
	Nitrate	EPA 300	7	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--
	Nitrate (as NO3)	EPA 300			mg/kg	47	6.1	7.4	5.9	5.1 J	17	7.7	11	11	5.1 J
	Nitrate/Nitrite	EPA 300			mg/kg	11	1.4 J	1.7	1.3 J	1.2 J	3.7	1.7 J	5.3	2.5	<1.2
	Nitrite	EPA 300			mg/kg	<1.2	<1.2	<1.2	<1.2	<1.2	<1.6	<1.3	2.9	<1.2	<1.2
	ortho-Phosphate (total) (as PO4)	EPA 300			mg/kg	<4.3	<4.3	<4.2	<4.3	<4.3	<5.8	<4.8	<5.2	<4.4	<4.4
	Phosphorus (total)	EPA 6010	0.00148	RSL	mg/kg	1,200	920	920	1,100	1,100	250	160	290	1,200	980
	Silicon	EPA 6010			mg/kg	180	190	240	180	210	390	270	310	130 J	120 J
	Sulfate	EPA 300			mg/kg	120	30	41	16	87	1,200	360	960	71	33
Sulfur	EPA 6020			mg/kg	930 J	830 J	1,200 J	--	--	--	--	--	<380	<370	
pH	EPA 9045			s.u.	9.84	10.2	10.2	10.2	10.1	8.46	9.27	8.59	8.84 J	9.67 J	

**Notes:**

ft bgs: feet below ground surface

FD: Field Duplicate

Above Screening Level

bold value: detection

Soil screening levels were selected according to the following hierarchy of criteria:

1. Basic Comparison Level (BCL): Leaching-based basic comparison levels (LBCL) with dilution attenuation factor (DAF) of 1 in the most recent version of Nevada Division of

**Sources:**

NDEP, 2015. User's Guide and Background Technical Document for NDEP Basic

Comparison Levels (BCLs) for Human Health for the BMI Complex and Common Areas. Revision 13, February.

USEPA, 2015. Regional Screening Levels (RSL) for Chemical Contaminants at Superfund Sites. June.

**TABLE A-6a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 8**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	M-189							M-190		
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs
						M-189-0.5-20141202	M-189-5.0-20141202	M-189-5.0-20141202-FD	M-189-10.0-20141202	M-189-15.0-20141202	M-189-20.0-20141202	M-189-25.0-20141202	M-189-30.0-20141202	M-190-0.5-20141205	M-190-5.0-20141205

Environmental Protection (NDEP) documents (February 2015).

2. Regional Screening Level (RSL): United States Environmental Protection Agency (USEPA) Regional Screening Levels (RSL) for groundwater protection (June 2015), with the maximum contaminant level (MCL) based screening levels selected over the risk-based screening levels, if available (USEPA 2015)
3. Calculated Criteria (CAL): Generic leaching-based BCLs (LBCLs) calculated using the approach presented in NDEP guidance (NDEP 2015).



**TABLE A-6a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 8**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	M-191									
			Level	Source		1-1.5 ft bgs	1-1.5 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs	33-33.5 ft bgs	
						M-191-1.0-20141201	M-191-1.0-20141201-FD	M-191-5.0-20141201	M-191-10.0-20141201	M-191-15.0-20141201	M-191-20.0-20141201	M-191-25.0-20141201	M-191-30.0-20141201	M-191-33.0-20141201	
Chlorates	Chlorate	EPA 300.1	1.03	BCL	mg/kg	830	860	550	2,300	5,000	17,000	74,000	42,000	15,000	
	Perchlorate	EPA 314.0	0.0185	BCL	mg/kg	180	170	210	890	1,000	1,100	5,600	2,400	1,100	
Common Metals	Aluminum	EPA 6010	75	BCL	mg/kg	12,000	14,000	12,000	13,000	12,000	12,000	17,000	23,000	18,000	
	Antimony	EPA 6020	0.3	BCL	mg/kg	<0.54	<0.56	<0.54	<0.54	<0.54	<0.53	<0.65	<0.73	<0.64	
	Arsenic	EPA 6020	1	BCL	mg/kg	2.4	3.0	2.9	3.8	3.8	4.5	14	27	21	
	Barium	EPA 6010	82	BCL	mg/kg	180	170	260	220	170	89	53	77	81	
	Boron	EPA 6010	21.4	BCL	mg/kg	11 J	20 J	16	16	13	14	36	51	31	
	Cadmium	EPA 6010	0.4	BCL	mg/kg	0.33 J	0.59 J	<0.27	<0.27	<0.27	<0.27	<0.32	<0.37	<0.32	
	Chromium (total)	EPA 6010	180,000	RSL	mg/kg	150 J	330 J	38	60	88	210	720	220	110	
	Cobalt	EPA 6010	0.453	BCL	mg/kg	9.9	8.9	11	9.6	8.3	7.8	5.3	11	7.5	
	Copper	EPA 6010	45.8	BCL	mg/kg	25 J	50 J	22	26	24	21	14	19	20	
	Iron	EPA 6010	7.56	BCL	mg/kg	20,000	25,000	23,000	23,000	21,000	20,000	14,000	19,000	19,000	
	Lead	EPA 6010	13.5	RSL	mg/kg	86 J	42 J	9.7	8.0	7.2	7.5	4.9	9.8	8.1	
	Magnesium	EPA 6010	889	BCL	mg/kg	12,000	18,000	7,300	10,000	11,000	13,000	28,000	37,000	26,000	
	Manganese	EPA 6010	1.3	BCL	mg/kg	410 J	780 J	1,200	510	350	320	140	380	300	
	Mercury	EPA 7471	0.104	BCL	mg/kg	0.52	0.78	0.013 UJ	0.013 J	0.020 J	0.030 J	0.019 J	0.20	0.11	
	Molybdenum	EPA 6010	3.37	BCL	mg/kg	<1.1	<1.1	<1.1	3.3	2.0 J	<1.1	<1.3	<1.5	1.7 J	
	Nickel	EPA 6010	7	BCL	mg/kg	18	23	19	21	19	16	15	17	17	
	Selenium	EPA 6020	0.3	BCL	mg/kg	<0.54	<0.56	<0.54	<0.54	<0.54	<0.53	<0.65	<0.73	<0.64	
Silver	EPA 6010	0.85	BCL	mg/kg	<0.81	<0.83	<0.80	<0.81	<0.81	<0.80	<0.97	<1.1	<0.95		
Thallium	EPA 6020	0.4	BCL	mg/kg	<0.27	<0.28	0.37 J	<0.27	<0.27	<0.27	<0.32	<0.37	<0.32		
Zinc	EPA 6010	620	BCL	mg/kg	43 J	140 J	41	41	39	38	30	42	40		
Hexavalent Chromium	Chromium VI	EPA 7199	2	BCL	mg/kg	6.3	7.8	6.0	19	52	190	590	170	74	
Rare Metals	Niobium	EPA 6020	1.17	BCL	mg/kg	2.0 UJ	1.8 UJ	2.0 UJ	--	--	--	--	--	--	
	Palladium	EPA 6020			mg/kg	<0.057	<0.053	<0.058	--	--	--	--	--	--	
	Strontium	EPA 6010	422	RSL	mg/kg	160 J	280 J	220	250	260	170	90	59	120	
	Tungsten	EPA 6010	37.6	BCL	mg/kg	5.4 UJ	5.6 UJ	5.4 UJ	5.4 UJ	5.4 UJ	5.3 UJ	6.5 UJ	7.3 UJ	6.4 UJ	
	Zirconium	EPA 6010	4.79	RSL	mg/kg	26 J	34 J	30 J	30 J	29 J	23 J	32 J	38 J	36 J	
VOCs	Acetone	EPA 8260	0.8	BCL	mg/kg	<0.0083	<0.0083	<0.0083	<0.0084	0.027	0.029	0.023 J	0.014 J	<0.010	
	t-Amyl methyl ether	EPA 8260			mg/kg	<0.0010	<0.0010	<0.0010	<0.0010	<0.0011	<0.0011	<0.0013	<0.0014	<0.0013	
	Benzene	EPA 8260	0.002	BCL	mg/kg	<0.00052	<0.00052	<0.00052	<0.00052	<0.00055	<0.00054	<0.00063	<0.00070	<0.00065	
	Bromobenzene	EPA 8260	0.0421	RSL	mg/kg	<0.0010	<0.0010	<0.0010	<0.0010	<0.0011	<0.0011	<0.0013	<0.0014	<0.0013	
	Bromochloromethane	EPA 8260			mg/kg	<0.0010	<0.0010	<0.0010	<0.0010	<0.0011	<0.0011	<0.0013	<0.0014	<0.0013	
	Bromodichloromethane	EPA 8260	0.03	BCL	mg/kg	<0.00052	<0.00052	<0.00052	<0.00052	<0.00055	<0.00054	<0.00063	<0.00070	<0.00065	
	Bromoform	EPA 8260	0.04	BCL	mg/kg	<0.0010	<0.0010	<0.0010	<0.0010	<0.0011	<0.0011	0.0013 UJ	0.0014 UJ	<0.0013	
	Bromomethane	EPA 8260	0.01	BCL	mg/kg	<0.0010	<0.0010	<0.0010	<0.0010	<0.0011	<0.0011	<0.0013	<0.0014	<0.0013	
	2-Butanone	EPA 8260	1.16	RSL	mg/kg	0.0052 UJ	0.0052 UJ	0.0052 UJ	0.0052 UJ	0.0055 UJ	0.0054 UJ	<0.0063	<0.0070	0.0065 UJ	
	n-Butylbenzene	EPA 8260	3.23	RSL	mg/kg	<0.0010	<0.0010	<0.0010	<0.0010	<0.0011	<0.0011	<0.0013	<0.0014	<0.0013	
	sec-Butylbenzene	EPA 8260	5.87	RSL	mg/kg	<0.0010	<0.0010	<0.0010	<0.0010	<0.0011	<0.0011	<0.0013	<0.0014	<0.0013	
	Carbon tetrachloride	EPA 8260	0.003	BCL	mg/kg	<0.00052	<0.00052	<0.00052	<0.00052	<0.00055	<0.00054	0.00063 UJ	0.00070 UJ	<0.00065	
	Chlorobenzene	EPA 8260	0.07	BCL	mg/kg	<0.00052	<0.00052	<0.00052	<0.00052	<0.00055	<0.00054	<0.00063	<0.00070	<0.00065	
	Chloroethane	EPA 8260	5.92	RSL	mg/kg	<0.0010	<0.0010	<0.0010	<0.0010	<0.0011	<0.0011	<0.0013	<0.0014	<0.0013	
	Chloroform	EPA 8260	0.03	BCL	mg/kg	0.0077	0.0063	0.0027	0.0026	0.0025	0.012	0.011	0.13	0.23	
	Chloromethane	EPA 8260	0.0486	RSL	mg/kg	<0.0010	<0.0010	<0.0010	<0.0010	<0.0011	<0.0011	<0.0013	<0.0014	<0.0013	
	2-Chlorotoluene	EPA 8260	0.231	RSL	mg/kg	<0.0010	<0.0010	<0.0010	<0.0010	<0.0011	<0.0011	<0.0013	<0.0014	<0.0013	
	4-Chlorotoluene	EPA 8260	0.241	RSL	mg/kg	<0.0010	<0.0010	<0.0010	<0.0010	<0.0011	<0.0011	<0.0013	<0.0014	<0.0013	
Cumene	EPA 8260	0.738	RSL	mg/kg	<0.00052	<0.00052	<0.00052	<0.00052	<0.00055	<0.00054	<0.00063	<0.00070	<0.00065		
p-Cymene	EPA 8260	3.91	CAL	mg/kg	<0.00052	<0.00052	<0.00052	<0.00052	<0.00055	<0.00054	<0.00063	<0.00070	<0.00065		

**TABLE A-6a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 8**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	M-191								
			Level	Source		1-1.5 ft bgs	1-1.5 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs	33-33.5 ft bgs
						M-191-1.0-20141201	M-191-1.0-20141201-FD	M-191-5.0-20141201	M-191-10.0-20141201	M-191-15.0-20141201	M-191-20.0-20141201	M-191-25.0-20141201	M-191-30.0-20141201	M-191-33.0-20141201
VOCs	Dibromochloromethane	EPA 8260	0.02	BCL	mg/kg	<0.00052	<0.00052	<0.00052	<0.00052	<0.00055	<0.00054	0.00063 UJ	0.00070 UJ	<0.00065
	1,2-Dibromoethane	EPA 8260	0.000141	RSL	mg/kg	<0.00052	<0.00052	<0.00052	<0.00052	<0.00055	<0.00054	<0.00063	<0.00070	<0.00065
	Dibromomethane	EPA 8260	0.00197	RSL	mg/kg	<0.00052	<0.00052	<0.00052	<0.00052	<0.00055	<0.00054	<0.00063	<0.00070	<0.00065
	1,2-Dichlorobenzene	EPA 8260	0.9	BCL	mg/kg	<0.00052	<0.00052	<0.00052	<0.00052	<0.00055	<0.00054	<0.00063	<0.00070	<0.00065
	1,3-Dichlorobenzene	EPA 8260	0.0473	CAL	mg/kg	<0.00052	<0.00052	<0.00052	<0.00052	<0.00055	<0.00054	<0.00063	<0.00070	<0.00065
	1,4-Dichlorobenzene	EPA 8260	0.1	BCL	mg/kg	<0.00052	<0.00052	<0.00052	<0.00052	<0.00055	<0.00054	<0.00063	<0.00070	<0.00065
	Dichlorodifluoromethane	EPA 8260	0.304	RSL	mg/kg	0.0010 UJ	0.0010 UJ	0.0010 UJ	0.0010 UJ	0.0011 UJ	0.0011 UJ	0.0013 UJ	0.0014 UJ	0.0013 UJ
	1,1-Dichloroethane	EPA 8260	1	BCL	mg/kg	<0.00052	<0.00052	<0.00052	<0.00052	<0.00055	<0.00054	<0.00063	<0.00070	<0.00065
	1,2-Dichloroethane	EPA 8260	0.001	BCL	mg/kg	0.00052 UJ	0.00052 UJ	0.00052 UJ	0.00052 UJ	0.00055 UJ	0.00054 UJ	<0.00063	<0.00070	0.00065 UJ
	1,1-Dichloroethene	EPA 8260	0.003	BCL	mg/kg	<0.00052	<0.00052	<0.00052	<0.00052	<0.00055	<0.00054	<0.00063	<0.00070	<0.00065
	cis-1,2-Dichloroethene	EPA 8260	0.02	BCL	mg/kg	<0.00052	<0.00052	<0.00052	<0.00052	<0.00055	<0.00054	<0.00063	<0.00070	<0.00065
	trans-1,2-Dichloroethene	EPA 8260	0.03	BCL	mg/kg	<0.00052	<0.00052	<0.00052	<0.00052	<0.00055	<0.00054	<0.00063	<0.00070	<0.00065
	1,2-Dichloropropane	EPA 8260	0.001	BCL	mg/kg	<0.00052	<0.00052	<0.00052	<0.00052	<0.00055	<0.00054	<0.00063	<0.00070	<0.00065
	1,3-Dichloropropane	EPA 8260	0.001	BCL	mg/kg	<0.00052	<0.00052	<0.00052	<0.00052	<0.00055	<0.00054	<0.00063	<0.00070	<0.00065
	2,2-Dichloropropane	EPA 8260			mg/kg	<0.0010	<0.0010	<0.0010	<0.0010	<0.0011	<0.0011	0.0013 UJ	0.0014 UJ	<0.0013
	1,1-Dichloropropene	EPA 8260			mg/kg	<0.00052	<0.00052	<0.00052	<0.00052	<0.00055	<0.00054	<0.00063	<0.00070	<0.00065
	cis-1,3-Dichloropropene	EPA 8260			mg/kg	<0.00052	<0.00052	<0.00052	<0.00052	<0.00055	<0.00054	<0.00063	<0.00070	<0.00065
	trans-1,3-Dichloropropene	EPA 8260			mg/kg	<0.00052	<0.00052	<0.00052	<0.00052	<0.00055	<0.00054	<0.00063	<0.00070	<0.00065
	Diisopropyl ether	EPA 8260			mg/kg	0.0010 UJ	0.0010 UJ	0.0010 UJ	0.0010 UJ	0.0011 UJ	0.0011 UJ	<0.0013	<0.0014	0.0013 UJ
	Ethyl benzene	EPA 8260	0.7	BCL	mg/kg	<0.00052	<0.00052	<0.00052	<0.00052	<0.00055	<0.00054	<0.00063	<0.00070	<0.00065
	Ethyl tert-butyl ether	EPA 8260			mg/kg	0.0010 UJ	0.0010 UJ	0.0010 UJ	0.0010 UJ	0.0011 UJ	0.0011 UJ	<0.0013	<0.0014	0.0013 UJ
	Hexachlorobutadiene	EPA 8260	0.1	BCL	mg/kg	<0.0010	<0.0010	<0.0010	<0.0010	<0.0011	<0.0011	<0.0013	<0.0014	<0.0013
	2-Hexanone	EPA 8260			mg/kg	<0.0052	<0.0052	<0.0052	<0.0052	<0.0055	<0.0054	<0.0063	<0.0070	<0.0065
	Methyl tert-butyl ether	EPA 8260			mg/kg	<0.0010	<0.0010	<0.0010	<0.0010	<0.0011	<0.0011	<0.0013	<0.0014	<0.0013
	Methylene chloride	EPA 8260	0.001	BCL	mg/kg	<0.0052	<0.0052	<0.0052	<0.0052	<0.0055	<0.0054	<0.0063	<0.0070	<0.0065
	Naphthalene	EPA 8260	4	BCL	mg/kg	0.0010 UJ	0.0010 UJ	0.0010 UJ	0.0010 UJ	0.0011 UJ	0.0011 UJ	<0.0013	<0.0014	0.0013 UJ
	n-Propylbenzene	EPA 8260	1.22	RSL	mg/kg	<0.00052	<0.00052	<0.00052	<0.00052	<0.00055	<0.00054	<0.00063	<0.00070	<0.00065
	Styrene	EPA 8260	0.2	BCL	mg/kg	<0.00052	<0.00052	<0.00052	<0.00052	<0.00055	<0.00054	<0.00063	<0.00070	<0.00065
	1,1,1,2-Tetrachloroethane	EPA 8260	0.000218	RSL	mg/kg	<0.0010	<0.0010	<0.0010	<0.0010	<0.0011	<0.0011	<0.0013	<0.0014	<0.0013
	1,1,2,2-Tetrachloroethane	EPA 8260	0.0002	BCL	mg/kg	0.0010 UJ	0.0010 UJ	0.0010 UJ	0.0010 UJ	0.0011 UJ	0.0011 UJ	<0.0013	<0.0014	0.0013 UJ
	Tetrachloroethene	EPA 8260	0.003	BCL	mg/kg	<0.00052	<0.00052	<0.00052	<0.00052	<0.00055	<0.00054	<0.00063	<0.00070	<0.00065
	Toluene	EPA 8260	0.6	BCL	mg/kg	<0.00052	<0.00052	<0.00052	<0.00052	<0.00055	<0.00054	<0.00063	<0.00070	<0.00065
	1,2,3-Trichlorobenzene	EPA 8260	0.0209	RSL	mg/kg	0.0010 UJ	0.0010 UJ	0.0010 UJ	0.0010 UJ	0.0011 UJ	0.0011 UJ	<0.0013	<0.0014	0.0013 UJ
	1,2,4-Trichlorobenzene	EPA 8260	0.3	BCL	mg/kg	<0.0010	<0.0010	<0.0010	<0.0010	<0.0011	<0.0011	<0.0013	<0.0014	<0.0013
	1,1,1-Trichloroethane	EPA 8260	0.1	BCL	mg/kg	<0.00052	<0.00052	<0.00052	<0.00052	<0.00055	<0.00054	0.00063 UJ	0.00070 UJ	<0.00065
	1,1,2-Trichloroethane	EPA 8260	0.0009	BCL	mg/kg	<0.00052	<0.00052	<0.00052	<0.00052	<0.00055	<0.00054	<0.00063	<0.00070	<0.00065
	Trichloroethene	EPA 8260	0.003	BCL	mg/kg	<0.00052	<0.00052	<0.00052	<0.00052	<0.00055	<0.00054	<0.00063	<0.00070	<0.00065
	Trichlorofluoromethane	EPA 8260	0.731	RSL	mg/kg	<0.0010	<0.0010	<0.0010	<0.0010	<0.0011	<0.0011	<0.0013	<0.0014	<0.0013
	1,2,3-Trichloropropane	EPA 8260	0.00000323	RSL	mg/kg	0.0010 UJ	0.0010 UJ	0.0010 UJ	0.0010 UJ	0.0011 UJ	0.0011 UJ	<0.0013	<0.0014	0.0013 UJ
	1,2,4-Trimethylbenzene	EPA 8260	0.0212	RSL	mg/kg	<0.0010	<0.0010	<0.0010	<0.0010	<0.0011	<0.0011	<0.0013	<0.0014	<0.0013
1,3,5-Trimethylbenzene	EPA 8260	0.167	RSL	mg/kg	<0.0010	<0.0010	<0.0010	<0.0010	<0.0011	<0.0011	<0.0013	<0.0014	<0.0013	
Vinyl chloride	EPA 8260	0.0007	BCL	mg/kg	<0.0010	<0.0010	<0.0010	<0.0010	<0.0011	<0.0011	<0.0013	<0.0014	<0.0013	
m,p-Xylene	EPA 8260			mg/kg	<0.0010	<0.0010	<0.0010	<0.0010	<0.0011	<0.0011	<0.0013	<0.0014	<0.0013	
o-Xylene	EPA 8260	9	BCL	mg/kg	<0.00052	<0.00052	<0.00052	<0.00052	<0.00055	<0.00054	<0.00063	<0.00070	<0.00065	
1,2-Dibromo-3-chloropropane	EPA 8260	0.0000864	RSL	mg/kg	0.0021 UJ	0.0021 UJ	0.0021 UJ	0.0021 UJ	0.0022 UJ	0.0022 UJ	<0.0025	<0.0028	0.0026 UJ	
4-Methyl-2-pentanone	EPA 8260			mg/kg	<0.0026	<0.0026	<0.0026	<0.0026	<0.0028	<0.0027	<0.0032	<0.0035	<0.0032	
tert Butyl alcohol	EPA 8260			mg/kg	<0.010	<0.010	<0.010	<0.010	<0.011	<0.011	<0.013	<0.014	<0.013	
tert-Butylbenzene	EPA 8260	1.55	RSL	mg/kg	<0.0010	<0.0010	<0.0010	<0.0010	<0.0011	<0.0011	<0.0013	<0.0014	<0.0013	

TABLE A-6a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 8  
RI Data Evaluation  
Nevada Environmental Response Trust Site; Henderson, Nevada

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	M-191									
			Level	Source		1-1.5 ft bgs	1-1.5 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs	33-33.5 ft bgs	
						M-191-1.0-20141201	M-191-1.0-20141201-FD	M-191-5.0-20141201	M-191-10.0-20141201	M-191-15.0-20141201	M-191-20.0-20141201	M-191-25.0-20141201	M-191-30.0-20141201	M-191-33.0-20141201	
SVOCs	Acenaphthene	EPA 8270	29	BCL	mg/kg	<0.072	<0.072	<0.071	<0.071	--	--	--	--	--	--
	Acenaphthene	EPA 8270-SIM	29	BCL	mg/kg	<0.0043	<0.0044	<0.0042	<0.0043	--	--	--	--	--	--
	Aniline	EPA 8270	0.00456	RSL	mg/kg	<0.091	<0.091	0.091 UJ	<0.090	--	--	--	--	--	--
	Anthracene	EPA 8270	590	BCL	mg/kg	<0.086	<0.086	<0.085	<0.085	--	--	--	--	--	--
	Anthracene	EPA 8270-SIM	590	BCL	mg/kg	<0.0043	<0.0044	<b>0.0066 J</b>	<0.0043	--	--	--	--	--	--
	Benzidine	EPA 8270			mg/kg	0.71 UJ	0.71 UJ	0.70 UJ	0.70 UJ	--	--	--	--	--	--
	Benzo(k)fluoranthene	EPA 8270	2	BCL	mg/kg	<b>0.29 J</b>	<b>0.43</b>	<0.075	<0.074	--	--	--	--	--	--
	Benzo(k)fluoranthene	EPA 8270-SIM	2	BCL	mg/kg	<b>0.091</b>	<b>0.12</b>	<b>0.37</b>	<0.0043	--	--	--	--	--	--
	Benzoic acid	EPA 8270	20	BCL	mg/kg	<0.36	<0.37	<0.36	<0.36	--	--	--	--	--	--
	Benzyl alcohol	EPA 8270	0.476	RSL	mg/kg	<0.16	<0.16	<0.16	<0.16	--	--	--	--	--	--
	4-Bromophenyl-phenyl ether	EPA 8270			mg/kg	<0.080	<0.081	<0.080	<0.079	--	--	--	--	--	--
	Butylbenzylphthalate	EPA 8270	810	BCL	mg/kg	<0.086	<0.086	<0.085	<0.085	--	--	--	--	--	--
	4-Chloroaniline	EPA 8270	0.03	BCL	mg/kg	<0.14	<0.14	<0.14	<0.14	--	--	--	--	--	--
	2-Chloronaphthalene	EPA 8270	3.85	RSL	mg/kg	<0.072	<0.072	<0.071	<0.071	--	--	--	--	--	--
	2-Chlorophenol	EPA 8270	0.2	BCL	mg/kg	<0.075	<0.075	<0.075	<0.074	--	--	--	--	--	--
	4-Chlorophenyl-phenyl ether	EPA 8270			mg/kg	<0.091	<0.091	<0.091	<0.090	--	--	--	--	--	--
	Chrysene	EPA 8270	8	BCL	mg/kg	<b>0.41 J</b>	<b>0.70 J</b>	<0.080	<0.079	--	--	--	--	--	--
	Chrysene	EPA 8270-SIM	8	BCL	mg/kg	<b>0.19</b>	<b>0.28</b>	<b>0.71</b>	<0.0043	--	--	--	--	--	--
	Di-n-butylphthalate	EPA 8270	270	BCL	mg/kg	<0.096	<0.097	<0.096	<0.095	--	--	--	--	--	--
	Di-n-octylphthalate	EPA 8270	56.5	RSL	mg/kg	<0.096	<0.097	<0.096	<0.095	--	--	--	--	--	--
	Dibenz(a,h)anthracene	EPA 8270	0.08	BCL	mg/kg	<b>0.11 J</b>	<b>0.17 J</b>	<0.11	<0.11	--	--	--	--	--	--
	Dibenz(a,h)anthracene	EPA 8270-SIM	0.08	BCL	mg/kg	<b>0.032</b>	<b>0.048</b>	<b>0.14</b>	<0.0043	--	--	--	--	--	--
	Dibenzofuran	EPA 8270	0.145	RSL	mg/kg	<0.072	<0.072	<0.071	<0.071	--	--	--	--	--	--
	3,3'-Dichlorobenzidine	EPA 8270	0.0003	BCL	mg/kg	<0.16	<0.16	<0.16	<0.16	--	--	--	--	--	--
	2,4-Dichlorophenol	EPA 8270	0.05	BCL	mg/kg	<0.072	<0.072	<0.071	<0.071	--	--	--	--	--	--
	Diethylphthalate	EPA 8270	6.08	RSL	mg/kg	<0.10	<0.10	<0.10	<0.10	--	--	--	--	--	--
	2,4-Dimethylphenol	EPA 8270	0.4	BCL	mg/kg	<0.14	<0.14	<0.14	<0.14	--	--	--	--	--	--
	Dimethylphthalate	EPA 8270			mg/kg	<0.072	<0.072	<0.071	<0.071	--	--	--	--	--	--
	2,4-Dinitrophenol	EPA 8270	0.01	BCL	mg/kg	<0.35	<0.36	<0.35	<0.35	--	--	--	--	--	--
	2,4-Dinitrotoluene	EPA 8270	0.00004	BCL	mg/kg	<0.086	<0.086	<0.085	<0.085	--	--	--	--	--	--
	2,6-Dinitrotoluene	EPA 8270	0.00003	BCL	mg/kg	<0.10	<0.10	<0.10	<0.10	--	--	--	--	--	--
	Fluoranthene	EPA 8270	210	BCL	mg/kg	<b>0.19 J</b>	<b>0.42 J</b>	<0.075	<0.074	--	--	--	--	--	--
	Fluoranthene	EPA 8270-SIM	210	BCL	mg/kg	<b>0.12</b>	<b>0.12</b>	<b>0.31</b>	<0.0043	--	--	--	--	--	--
	Fluorene	EPA 8270	28	BCL	mg/kg	<0.075	<0.075	<0.075	<0.074	--	--	--	--	--	--
	Fluorene	EPA 8270-SIM	28	BCL	mg/kg	<0.0043	<0.0044	<0.0042	<0.0043	--	--	--	--	--	--
	Hexachlorobenzene	EPA 8270	0.1	BCL	mg/kg	0.075 UJ	<b>0.088 J</b>	<0.075	<0.074	--	--	--	--	--	--
	Hexachlorocyclopentadiene	EPA 8270	20	BCL	mg/kg	<0.14	<0.14	<0.14	<0.14	--	--	--	--	--	--
	Hexachloroethane	EPA 8270	0.02	BCL	mg/kg	<0.14	<0.14	<0.14	<0.14	--	--	--	--	--	--
	Isophorone	EPA 8270	0.03	BCL	mg/kg	<0.072	<0.072	<0.071	<0.071	--	--	--	--	--	--
	1-Methylnaphthalene	EPA 8270	0.00584	RSL	mg/kg	<0.16	<0.16	<0.16	<0.16	--	--	--	--	--	--
	2-Methylnaphthalene	EPA 8270	0.185	RSL	mg/kg	<0.075	<0.075	<0.075	<0.074	--	--	--	--	--	--
	2-Methylphenol	EPA 8270	0.8	BCL	mg/kg	<0.086	<0.086	<0.085	<0.085	--	--	--	--	--	--
3&4-Methylphenol	EPA 8270			mg/kg	<0.14	<0.14	<0.14	<0.14	--	--	--	--	--	--	
Naphthalene	EPA 8270	4	BCL	mg/kg	<0.072	<0.072	<0.071	<0.071	--	--	--	--	--	--	
Naphthalene	EPA 8270-SIM	4	BCL	mg/kg	<b>0.0079 J</b>	0.0044 UJ	<b>0.017 J</b>	<0.0043	--	--	--	--	--	--	
2-Nitroaniline	EPA 8270	0.0801	RSL	mg/kg	<0.072	<0.072	<0.071	<0.071	--	--	--	--	--	--	
3-Nitroaniline	EPA 8270			mg/kg	<0.14	<0.14	<0.14	<0.14	--	--	--	--	--	--	
4-Nitroaniline	EPA 8270	0.00158	RSL	mg/kg	<0.14	<0.14	<0.14	<0.14	--	--	--	--	--	--	
Nitrobenzene	EPA 8270	0.007	BCL	mg/kg	<0.075	<0.075	<0.075	<0.074	--	--	--	--	--	--	

**TABLE A-6a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 8**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	M-191								
			Level	Source		1-1.5 ft bgs	1-1.5 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs	33-33.5 ft bgs
						M-191-1.0-20141201	M-191-1.0-20141201-FD	M-191-5.0-20141201	M-191-10.0-20141201	M-191-15.0-20141201	M-191-20.0-20141201	M-191-25.0-20141201	M-191-30.0-20141201	M-191-33.0-20141201
SVOCs	2-Nitrophenol	EPA 8270			mg/kg	<0.14	<0.14	<0.14	<0.14	--	--	--	--	--
	4-Nitrophenol	EPA 8270			mg/kg	<0.15	<0.15	0.15 UJ	<0.15	--	--	--	--	--
	n-Nitrosodiphenylamine	EPA 8270	0.06	BCL	mg/kg	<0.086	<0.086	<0.085	<0.085	--	--	--	--	--
	Octachlorostyrene	EPA 8270			mg/kg	<2.5	<2.5	<2.5	<2.4	--	--	--	--	--
	Pentachlorophenol	EPA 8270	0.001	BCL	mg/kg	0.36 UJ	0.37 UJ	<0.36	<0.36	--	--	--	--	--
	Phenol	EPA 8270	5	BCL	mg/kg	<0.096	<0.097	<0.096	<0.095	--	--	--	--	--
	Pyrene	EPA 8270	210	BCL	mg/kg	<b>0.21 J</b>	<b>0.67 J</b>	<0.085	<0.085	--	--	--	--	--
	Pyrene	EPA 8270-SIM	210	BCL	mg/kg	<b>0.25</b>	<b>0.31</b>	<b>0.91</b>	<0.0043	--	--	--	--	--
	Pyridine	EPA 8270			mg/kg	<0.16	<0.16	<0.16	<0.16	--	--	--	--	--
	2,4,5-Trichlorophenol	EPA 8270	14	BCL	mg/kg	<0.14	<0.14	<0.14	<0.14	--	--	--	--	--
	2,4,6-Trichlorophenol	EPA 8270	0.008	BCL	mg/kg	<0.080	<0.081	<0.080	<0.079	--	--	--	--	--
	bis(2-Chloroethoxy)methane	EPA 8270	0.0135	RSL	mg/kg	<0.14	<0.14	<0.14	<0.14	--	--	--	--	--
	bis(2-Chloroethyl) ether	EPA 8270	0.00002	BCL	mg/kg	<0.075	<0.075	<0.075	<0.074	--	--	--	--	--
	bis(2-Ethylhexyl)phtalate	EPA 8270	180	BCL	mg/kg	<0.096	<0.097	<0.096	<0.095	--	--	--	--	--
4-Chloro-3-methylphenol	EPA 8270	1.71	RSL	mg/kg	<0.075	<0.075	<0.075	<0.074	--	--	--	--	--	
n-Nitroso-di-n-propylamine	EPA 8270	0.000002	BCL	mg/kg	<0.075	<0.075	<0.075	<0.074	--	--	--	--	--	
Organo-phosphorus Pesticides	Atrazine	EPA 8141A			mg/kg	0.013 UJ	<0.013	<0.013	--	--	--	--	--	--
	Chlorpyrifos	EPA 8141A	0.124	RSL	mg/kg	0.0070 UJ	<0.0068	<0.0068	--	--	--	--	--	--
	Coumaphos	EPA 8141A			mg/kg	0.0031 UJ	<0.0030	<0.0029	--	--	--	--	--	--
	Dasanit	EPA 8141A			mg/kg	0.0089 UJ	<0.0086	<0.0086	--	--	--	--	--	--
	Demeton (O + S)	EPA 8141A			mg/kg	0.0082 UJ	<0.0080	<0.0079	--	--	--	--	--	--
	Demeton-O	EPA 8141A			mg/kg	0.0058 UJ	<0.0056	<0.0056	--	--	--	--	--	--
	Demeton-S	EPA 8141A			mg/kg	0.0053 UJ	<0.0051	<0.0051	--	--	--	--	--	--
	Diazinon	EPA 8141A	0.0648	RSL	mg/kg	0.0079 UJ	<0.0077	<0.0076	--	--	--	--	--	--
	Dibrom	EPA 8141A			mg/kg	0.025 UJ	0.024 UJ	0.024 UJ	--	--	--	--	--	--
	Dichlorovos	EPA 8141A	0.0000811	RSL	mg/kg	0.0081 UJ	<0.0078	<0.0078	--	--	--	--	--	--
	Dimethoate	EPA 8141A	0.000899	RSL	mg/kg	0.0077 UJ	<0.0075	<0.0074	--	--	--	--	--	--
	Disulfoton	EPA 8141A	0.000939	RSL	mg/kg	0.0084 UJ	<0.0082	<0.0081	--	--	--	--	--	--
	Ethoprop nitrophenyl benzenethiophosphate	EPA 8141A	0.00277	RSL	mg/kg	0.0054 UJ	<0.0052	<0.0052	--	--	--	--	--	--
	Famphur	EPA 8141A			mg/kg	0.0035 UJ	<0.0034	<0.0034	--	--	--	--	--	--
	Fenthion	EPA 8141A			mg/kg	0.0095 UJ	<0.0092	<0.0092	--	--	--	--	--	--
	Guthion	EPA 8141A			mg/kg	0.0038 UJ	<0.0037	<0.0037	--	--	--	--	--	--
	Malathion	EPA 8141A	0.102	RSL	mg/kg	0.0051 UJ	<0.0049	<0.0049	--	--	--	--	--	--
	Merphos	EPA 8141A	0.059	RSL	mg/kg	0.0056 UJ	<0.0054	<0.0054	--	--	--	--	--	--
	Methyl parathion	EPA 8141A	7.41	RSL	µg/kg	7.0 UJ	<6.7	<6.7	--	--	--	--	--	--
	Mevinphos	EPA 8141A			mg/kg	<0.0050	<0.0049	<0.0048	--	--	--	--	--	--
	Parathion	EPA 8141A	432	RSL	µg/kg	5.8 UJ	<5.6	<5.6	--	--	--	--	--	--
	Phorate	EPA 8141A	0.00338	RSL	mg/kg	0.0062 UJ	<0.0060	<0.0060	--	--	--	--	--	--
	Prothiophos	EPA 8141A			mg/kg	<0.0043	<0.0041	<0.0041	--	--	--	--	--	--
	Ronnel	EPA 8141A	3.7	RSL	mg/kg	0.017 UJ	<0.016	<0.016	--	--	--	--	--	--
Simazine	EPA 8141A			mg/kg	<0.024 R	<0.023	<0.023	--	--	--	--	--	--	
Stirophos	EPA 8141A			mg/kg	0.0048 UJ	<0.0046	<0.0046	--	--	--	--	--	--	
Sulfotepp	EPA 8141A			mg/kg	0.0068 UJ	<0.0066	<0.0066	--	--	--	--	--	--	
Sulprofos	EPA 8141A			mg/kg	<0.0046	<0.0045	<0.0044	--	--	--	--	--	--	
Thionazin	EPA 8141A			mg/kg	0.0061 UJ	<0.0059	<0.0058	--	--	--	--	--	--	

TABLE A-6a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 8  
RI Data Evaluation  
Nevada Environmental Response Trust Site; Henderson, Nevada

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	M-191								
			Level	Source		1-1.5 ft bgs	1-1.5 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs	33-33.5 ft bgs
						M-191-1.0-20141201	M-191-1.0-20141201-FD	M-191-5.0-20141201	M-191-10.0-20141201	M-191-15.0-20141201	M-191-20.0-20141201	M-191-25.0-20141201	M-191-30.0-20141201	M-191-33.0-20141201
Organo-phosphorus Pesticides	o-Ethyl o-2,4,5-trichlorophenyl ethyl-phosphonothioate	EPA 8141A			mg/kg	0.0068 UJ	<0.0066	<0.0066	--	--	--	--	--	--
Organo-chlorine Pesticides	Aldrin	EPA 8081	0.02	BCL	mg/kg	<0.0016	<0.0017	0.0016 UJ	--	--	--	--	--	--
	alpha-BHC	EPA 8081	0.0266	BCL	mg/kg	<0.0016	<0.0017	0.0016 UJ	--	--	--	--	--	--
	beta-BHC	EPA 8081	0.00545	BCL	mg/kg	<0.0016	<0.0017	0.0016 UJ	--	--	--	--	--	--
	delta-BHC	EPA 8081	28.1	BCL	mg/kg	<0.0016	<0.0017	0.0016 UJ	--	--	--	--	--	--
	gamma-BHC	EPA 8081	0.0005	BCL	mg/kg	<0.0016	<0.0017	0.0016 UJ	--	--	--	--	--	--
	alpha-Chlordane	EPA 8081			mg/kg	<0.0022	<0.0022	0.0021 UJ	--	--	--	--	--	--
	gamma-Chlordane	EPA 8081			mg/kg	<0.0016	<0.0017	0.0016 UJ	--	--	--	--	--	--
	4,4'-DDD	EPA 8081	0.8	BCL	mg/kg	<0.0016	<0.0017	0.0016 UJ	--	--	--	--	--	--
	2,4'-DDE	EPA 8081			mg/kg	<0.0016	<0.0017	0.0016 UJ	--	--	--	--	--	--
	4,4'-DDE	EPA 8081	3	BCL	mg/kg	<0.0016	<0.0017	0.0016 UJ	--	--	--	--	--	--
	4,4'-DDT	EPA 8081	2	BCL	mg/kg	<0.0016	<0.0017	0.0016 UJ	--	--	--	--	--	--
	Dieldrin	EPA 8081	0.0002	BCL	mg/kg	<0.0016	<0.0017	0.0016 UJ	--	--	--	--	--	--
	Endosulfan I	EPA 8081			mg/kg	<0.0016	<0.0017	0.0016 UJ	--	--	--	--	--	--
	Endosulfan II	EPA 8081			mg/kg	<0.0016	<0.0017	0.0016 UJ	--	--	--	--	--	--
	Endosulfan sulfate	EPA 8081			mg/kg	<0.0022	<0.0022	0.0021 UJ	--	--	--	--	--	--
	Endrin	EPA 8081	0.05	BCL	mg/kg	<0.0016	<0.0017	0.0016 UJ	--	--	--	--	--	--
	Endrin aldehyde	EPA 8081			mg/kg	<0.0016	<0.0017	0.0016 UJ	--	--	--	--	--	--
	Endrin ketone	EPA 8081			mg/kg	<0.0022	<0.0022	0.0021 UJ	--	--	--	--	--	--
Heptachlor	EPA 8081	1	BCL	mg/kg	<0.0022	<0.0022	0.0021 UJ	--	--	--	--	--	--	
Heptachlor epoxide	EPA 8081	0.03	BCL	mg/kg	<0.0022	<0.0022	0.0021 UJ	--	--	--	--	--	--	
Methoxychlor	EPA 8081	8	BCL	mg/kg	<0.0016	<0.0017	0.0016 UJ	--	--	--	--	--	--	
Toxaphene	EPA 8081	2	BCL	mg/kg	<0.055	<0.055	0.053 UJ	--	--	--	--	--	--	
PAHs	Acenaphthylene	EPA 8270	0.0106	CAL	mg/kg	<0.075	<0.075	<0.075	<0.074	--	--	--	--	--
	Acenaphthylene	EPA 8270-SIM	0.0106	CAL	mg/kg	<0.0043	<0.0044	<b>0.0065 J</b>	<0.0043	--	--	--	--	--
	Benzo(a)anthracene	EPA 8270	0.08	BCL	mg/kg	<b>0.24 J</b>	<b>0.34 J</b>	<0.075	<0.074	--	--	--	--	--
	Benzo(a)anthracene	EPA 8270-SIM	0.08	BCL	mg/kg	<b>0.11 J</b>	<b>0.23 J</b>	<b>0.43</b>	<0.0043	--	--	--	--	--
	Benzo(a)pyrene	EPA 8270	0.4	BCL	mg/kg	<b>0.28 J</b>	<b>0.36</b>	<0.071	<0.071	--	--	--	--	--
	Benzo(a)pyrene	EPA 8270-SIM	0.4	BCL	mg/kg	<b>0.096 J</b>	<b>0.18 J</b>	<b>0.33</b>	<0.0043	--	--	--	--	--
	Benzo(b)fluoranthene	EPA 8270	0.2	BCL	mg/kg	<b>0.69 J</b>	<b>1.3 J</b>	<0.075	<0.074	--	--	--	--	--
	Benzo(b)fluoranthene	EPA 8270-SIM	0.2	BCL	mg/kg	<b>0.31</b>	<b>0.42</b>	<b>1.2</b>	<0.0043	--	--	--	--	--
	Benzo(g,h,i)perylene	EPA 8270			mg/kg	<b>0.44</b>	<b>0.65</b>	<0.12	<0.12	--	--	--	--	--
	Benzo(g,h,i)perylene	EPA 8270-SIM			mg/kg	<b>0.12</b>	<b>0.19</b>	<b>0.48</b>	<0.0043	--	--	--	--	--
	Indeno(1,2,3-cd)pyrene	EPA 8270	0.7	BCL	mg/kg	<b>0.53</b>	<b>0.81</b>	<0.14	<0.14	--	--	--	--	--
	Indeno(1,2,3-cd)pyrene	EPA 8270-SIM	0.7	BCL	mg/kg	<b>0.14</b>	<b>0.21</b>	<b>0.59</b>	<0.0043	--	--	--	--	--
Phenanthrene	EPA 8270	0.0243	CAL	mg/kg	<0.072	<0.072	<0.071	<0.071	--	--	--	--	--	
Phenanthrene	EPA 8270-SIM	0.0243	CAL	mg/kg	<b>0.019 J</b>	<b>0.0058 J</b>	<b>0.043</b>	<0.0043	--	--	--	--	--	
PCBs	Aroclor-1260	EPA 8082	0.00549	RSL	mg/kg	<0.019	<0.019	<0.018	--	--	--	--	--	--
	PCB-001	EPA 1668A			pg/g	<b>13 J</b>	<b>23 J</b>	<b>0.38 J</b>	--	--	--	--	--	--
	PCB-002	EPA 1668A			pg/g	<b>7.5 J</b>	<b>7.2 J</b>	<b>0.34 J</b>	--	--	--	--	--	--
	PCB-003	EPA 1668A			pg/g	<b>32</b>	<b>50</b>	<b>0.49 J</b>	--	--	--	--	--	--
	PCB-004	EPA 1668A			pg/g	<b>18 J</b>	<b>7.1 J</b>	<1.1	--	--	--	--	--	--
	PCB-005	EPA 1668A			pg/g	<2.1	<2.4	<0.94	--	--	--	--	--	--
	PCB-006	EPA 1668A			pg/g	<b>4.4 J</b>	2.4 UJ	<0.95	--	--	--	--	--	--
	PCB-007	EPA 1668A			pg/g	<2.1	<2.3	<0.91	--	--	--	--	--	--
	PCB-008	EPA 1668A			pg/g	<b>20 J</b>	<b>14 J</b>	<0.90	--	--	--	--	--	--
	PCB-009	EPA 1668A			pg/g	<2.3	<2.6	<1.0	--	--	--	--	--	--
PCB-010	EPA 1668A			pg/g	<0.96	<1.2	<0.71	--	--	--	--	--	--	

TABLE A-6a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 8  
RI Data Evaluation  
Nevada Environmental Response Trust Site; Henderson, Nevada

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	M-191										
			Level	Source		1-1.5 ft bgs	1-1.5 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs	33-33.5 ft bgs		
						M-191-1.0-20141201	M-191-1.0-20141201-FD	M-191-5.0-20141201	M-191-10.0-20141201	M-191-15.0-20141201	M-191-20.0-20141201	M-191-25.0-20141201	M-191-30.0-20141201	M-191-33.0-20141201		
PCBs	PCB-011	EPA 1668A			pg/g	53 J	30 J	57	--	--	--	--	--	--	--	--
	PCB-014	EPA 1668A			pg/g	<2.0	<2.2	<0.87	--	--	--	--	--	--	--	--
	PCB-015	EPA 1668A			pg/g	72	80	<1.1	--	--	--	--	--	--	--	--
	PCB-016	EPA 1668A			pg/g	8.0 J	2.6 J	0.23 J	--	--	--	--	--	--	--	--
	PCB-017	EPA 1668A			pg/g	6.4 J	2.3 J	0.22 J	--	--	--	--	--	--	--	--
	PCB-019	EPA 1668A			pg/g	2.0 J	0.63 UJ	<0.15	--	--	--	--	--	--	--	--
	PCB-022	EPA 1668A			pg/g	5.7 J	3.8 J	<0.26	--	--	--	--	--	--	--	--
	PCB-023	EPA 1668A			pg/g	<1.4	<1.1	<0.21	--	--	--	--	--	--	--	--
	PCB-024	EPA 1668A			pg/g	0.76 J	0.52 J	<0.12	--	--	--	--	--	--	--	--
	PCB-025	EPA 1668A			pg/g	<1.4	<1.1	<0.21	--	--	--	--	--	--	--	--
	PCB-027	EPA 1668A			pg/g	1.6 J	0.70 J	<0.12	--	--	--	--	--	--	--	--
	PCB-031	EPA 1668A			pg/g	14 J	6.5 J	0.55 J	--	--	--	--	--	--	--	--
	PCB-032	EPA 1668A			pg/g	3.6 J	1.3 J	<0.094	--	--	--	--	--	--	--	--
	PCB-034	EPA 1668A			pg/g	<1.5	<1.2	<0.23	--	--	--	--	--	--	--	--
	PCB-035	EPA 1668A			pg/g	1.7 UJ	4.1 J	1.4 J	--	--	--	--	--	--	--	--
	PCB-036	EPA 1668A			pg/g	<1.6	<1.2	<0.24	--	--	--	--	--	--	--	--
	PCB-037	EPA 1668A			pg/g	12 J	11 J	<0.36	--	--	--	--	--	--	--	--
	PCB-038	EPA 1668A			pg/g	<1.7	<1.4	<0.26	--	--	--	--	--	--	--	--
	PCB-039	EPA 1668A			pg/g	<1.6	<1.2	<0.23	--	--	--	--	--	--	--	--
	PCB-041	EPA 1668A			pg/g	1.9 J	0.28 UJ	<0.12	--	--	--	--	--	--	--	--
	PCB-042	EPA 1668A			pg/g	14 J	9.0 J	0.15 J	--	--	--	--	--	--	--	--
	PCB-043	EPA 1668A			pg/g	1.9 J	1.0 J	<0.11	--	--	--	--	--	--	--	--
	PCB-045	EPA 1668A			pg/g	3.7 J	1.8 J	<0.11	--	--	--	--	--	--	--	--
	PCB-046	EPA 1668A			pg/g	1.9 J	0.27 UJ	<0.11	--	--	--	--	--	--	--	--
	PCB-048	EPA 1668A			pg/g	4.3 J	1.9 J	<0.096	--	--	--	--	--	--	--	--
	PCB-051	EPA 1668A			pg/g	1.8 J	0.71 J	0.15 J	--	--	--	--	--	--	--	--
	PCB-052	EPA 1668A			pg/g	100	64	0.86 J	--	--	--	--	--	--	--	--
	PCB-054	EPA 1668A			pg/g	0.19 J	0.16 UJ	<0.087	--	--	--	--	--	--	--	--
	PCB-055	EPA 1668A			pg/g	<1.7	<1.1	<0.14	--	--	--	--	--	--	--	--
	PCB-056	EPA 1668A			pg/g	13 J	7.3 J	<0.17	--	--	--	--	--	--	--	--
	PCB-057	EPA 1668A			pg/g	<1.9	<1.2	<0.16	--	--	--	--	--	--	--	--
	PCB-058	EPA 1668A			pg/g	<1.9	<1.2	<0.16	--	--	--	--	--	--	--	--
	PCB-060	EPA 1668A			pg/g	6.9 J	4.6 J	<0.15	--	--	--	--	--	--	--	--
	PCB-063	EPA 1668A			pg/g	<1.8	<1.2	<0.15	--	--	--	--	--	--	--	--
	PCB-064	EPA 1668A			pg/g	19 J	12 J	0.18 J	--	--	--	--	--	--	--	--
	PCB-066	EPA 1668A			pg/g	38	27	<0.17	--	--	--	--	--	--	--	--
PCB-067	EPA 1668A			pg/g	<1.7	<1.1	<0.14	--	--	--	--	--	--	--	--	
PCB-068	EPA 1668A			pg/g	<1.7	<1.1	<0.14	--	--	--	--	--	--	--	--	
PCB-072	EPA 1668A			pg/g	1.8 UJ	1.3 J	<0.15	--	--	--	--	--	--	--	--	
PCB-073	EPA 1668A			pg/g	<0.22	<0.17	<0.072	--	--	--	--	--	--	--	--	
PCB-077	EPA 1668A			pg/g	11	9.3	<0.27	--	--	--	--	--	--	--	--	
PCB-078	EPA 1668A			pg/g	<2.1	<1.4	<0.17	--	--	--	--	--	--	--	--	
PCB-079	EPA 1668A			pg/g	6.9 J	4.6 J	<0.16	--	--	--	--	--	--	--	--	
PCB-080	EPA 1668A			pg/g	<1.7	<1.1	<0.14	--	--	--	--	--	--	--	--	
PCB-081	EPA 1668A	61.8	RSL	pg/g	<2.4	<1.7	<0.24	--	--	--	--	--	--	--	--	
PCB-082	EPA 1668A			pg/g	35	26	<0.17	--	--	--	--	--	--	--	--	
PCB-083	EPA 1668A			pg/g	14 J	9.0 J	<0.19	--	--	--	--	--	--	--	--	
PCB-084	EPA 1668A			pg/g	87	56	<0.17	--	--	--	--	--	--	--	--	
PCB-089	EPA 1668A			pg/g	<10	<7.7	<0.16	--	--	--	--	--	--	--	--	

**TABLE A-6a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 8**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	M-191										
			Level	Source		1-1.5 ft bgs	1-1.5 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs	33-33.5 ft bgs		
						M-191-1.0-20141201	M-191-1.0-20141201-FD	M-191-5.0-20141201	M-191-10.0-20141201	M-191-15.0-20141201	M-191-20.0-20141201	M-191-25.0-20141201	M-191-30.0-20141201	M-191-33.0-20141201		
PCBs	PCB-092	EPA 1668A			pg/g	43	28	<0.15	--	--	--	--	--	--	--	--
	PCB-094	EPA 1668A			pg/g	<9.9	<7.3	<0.16	--	--	--	--	--	--	--	--
	PCB-095	EPA 1668A			pg/g	380	250	0.65 J	--	--	--	--	--	--	--	--
	PCB-096	EPA 1668A			pg/g	1.4 J	1.2 J	<0.10	--	--	--	--	--	--	--	--
	PCB-099	EPA 1668A			pg/g	110	75	0.15 J	--	--	--	--	--	--	--	--
	PCB-103	EPA 1668A			pg/g	<8.8	<6.5	<0.14	--	--	--	--	--	--	--	--
	PCB-104	EPA 1668A			pg/g	0.58 J	0.31 J	<0.072	--	--	--	--	--	--	--	--
	PCB-105	EPA 1668A			pg/g	100	86	<0.14	--	--	--	--	--	--	--	--
	PCB-106	EPA 1668A			pg/g	<7.8	<5.7	<0.12	--	--	--	--	--	--	--	--
	PCB-109	EPA 1668A			pg/g	20 J	16 J	<0.11	--	--	--	--	--	--	--	--
	PCB-111	EPA 1668A			pg/g	<6.5	<4.8	<0.10	--	--	--	--	--	--	--	--
	PCB-112	EPA 1668A			pg/g	<6.8	<5.0	<0.11	--	--	--	--	--	--	--	--
	PCB-114	EPA 1668A			pg/g	8.6	6.4	<0.13	--	--	--	--	--	--	--	--
	PCB-118	EPA 1668A	1,010	RSL	pg/g	250	210	0.46 J	--	--	--	--	--	--	--	--
	PCB-120	EPA 1668A			pg/g	<6.9	<5.1	<0.11	--	--	--	--	--	--	--	--
	PCB-121	EPA 1668A			pg/g	<6.6	<4.9	<0.10	--	--	--	--	--	--	--	--
	PCB-122	EPA 1668A			pg/g	<8.0	<5.9	<0.13	--	--	--	--	--	--	--	--
	PCB-123	EPA 1668A			pg/g	<8.0	<6.0	<0.13	--	--	--	--	--	--	--	--
	PCB-126	EPA 1668A	0.303	RSL	pg/g	12	9.8	<0.18	--	--	--	--	--	--	--	--
	PCB-127	EPA 1668A			pg/g	<7.7	<5.7	<0.12	--	--	--	--	--	--	--	--
	PCB-130	EPA 1668A			pg/g	54	47	<0.24	--	--	--	--	--	--	--	--
	PCB-131	EPA 1668A			pg/g	7.9 UJ	9.3 J	<0.23	--	--	--	--	--	--	--	--
	PCB-132	EPA 1668A			pg/g	330	270	<0.22	--	--	--	--	--	--	--	--
	PCB-133	EPA 1668A			pg/g	13 J	12 J	<0.21	--	--	--	--	--	--	--	--
	PCB-136	EPA 1668A			pg/g	150	120	<0.15	--	--	--	--	--	--	--	--
	PCB-137	EPA 1668A			pg/g	20 J	17 J	<0.19	--	--	--	--	--	--	--	--
	PCB-141	EPA 1668A			pg/g	190	180	<0.21	--	--	--	--	--	--	--	--
	PCB-142	EPA 1668A			pg/g	<7.1	<6.4	<0.21	--	--	--	--	--	--	--	--
	PCB-144	EPA 1668A			pg/g	73	60	<0.20	--	--	--	--	--	--	--	--
	PCB-145	EPA 1668A			pg/g	<4.9	<4.4	<0.15	--	--	--	--	--	--	--	--
	PCB-146	EPA 1668A			pg/g	150	130	<0.19	--	--	--	--	--	--	--	--
	PCB-148	EPA 1668A			pg/g	<6.6	<5.9	<0.19	--	--	--	--	--	--	--	--
	PCB-150	EPA 1668A			pg/g	<4.5	<4.1	<0.13	--	--	--	--	--	--	--	--
	PCB-152	EPA 1668A			pg/g	<4.8	<4.3	<0.14	--	--	--	--	--	--	--	--
	PCB-154	EPA 1668A			pg/g	7.5 J	5.2 UJ	<0.17	--	--	--	--	--	--	--	--
PCB-155	EPA 1668A			pg/g	<3.8	<3.2	<0.11	--	--	--	--	--	--	--	--	
PCB-158	EPA 1668A			pg/g	97	88	<0.14	--	--	--	--	--	--	--	--	
PCB-159	EPA 1668A			pg/g	20 J	5.3 J	<0.16	--	--	--	--	--	--	--	--	
PCB-160	EPA 1668A			pg/g	<5.7	<5.1	<0.17	--	--	--	--	--	--	--	--	
PCB-161	EPA 1668A			pg/g	<5.1	<4.6	<0.15	--	--	--	--	--	--	--	--	
PCB-162	EPA 1668A			pg/g	1.9 UJ	16 J	<0.15	--	--	--	--	--	--	--	--	
PCB-164	EPA 1668A			pg/g	77	72	<0.16	--	--	--	--	--	--	--	--	
PCB-165	EPA 1668A			pg/g	<5.9	<5.4	<0.18	--	--	--	--	--	--	--	--	
PCB-167	EPA 1668A			pg/g	37	31	<0.15	--	--	--	--	--	--	--	--	
PCB-169	EPA 1668A	1.65	RSL	pg/g	<2.9	<2.1	<0.20	--	--	--	--	--	--	--	--	
PCB-170	EPA 1668A			pg/g	460	360	<0.19	--	--	--	--	--	--	--	--	
PCB-172	EPA 1668A			pg/g	68	59	<0.18	--	--	--	--	--	--	--	--	
PCB-174	EPA 1668A			pg/g	720	570	0.35 J	--	--	--	--	--	--	--	--	
PCB-175	EPA 1668A			pg/g	38	36	<0.17	--	--	--	--	--	--	--	--	



**TABLE A-6a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 8**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	M-191										
			Level	Source		1-1.5 ft bgs	1-1.5 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs	33-33.5 ft bgs		
						M-191-1.0-20141201	M-191-1.0-20141201-FD	M-191-5.0-20141201	M-191-10.0-20141201	M-191-15.0-20141201	M-191-20.0-20141201	M-191-25.0-20141201	M-191-30.0-20141201	M-191-33.0-20141201		
PCBs	PCB-176	EPA 1668A			pg/g	72	65	<0.12	--	--	--	--	--	--	--	--
	PCB-177	EPA 1668A			pg/g	380	290	0.18 J	--	--	--	--	--	--	--	--
	PCB-178	EPA 1668A			pg/g	140	120	<0.18	--	--	--	--	--	--	--	--
	PCB-179	EPA 1668A			pg/g	310	270	<0.13	--	--	--	--	--	--	--	--
	PCB-181	EPA 1668A			pg/g	<2.3	<1.5	<0.16	--	--	--	--	--	--	--	--
	PCB-182	EPA 1668A			pg/g	9.0 J	9.4 J	<0.16	--	--	--	--	--	--	--	--
	PCB-183	EPA 1668A			pg/g	380	300	<0.13	--	--	--	--	--	--	--	--
	PCB-184	EPA 1668A			pg/g	16 J	15 J	<0.13	--	--	--	--	--	--	--	--
	PCB-185	EPA 1668A			pg/g	110 J	62 J	<0.18	--	--	--	--	--	--	--	--
	PCB-186	EPA 1668A			pg/g	2.4 J	2.2 J	<0.13	--	--	--	--	--	--	--	--
	PCB-187	EPA 1668A			pg/g	1,000	870	0.28 J	--	--	--	--	--	--	--	--
	PCB-188	EPA 1668A			pg/g	10 J	8.4 J	<0.12	--	--	--	--	--	--	--	--
	PCB-189	EPA 1668A			pg/g	27	26	<0.24	--	--	--	--	--	--	--	--
	PCB-190	EPA 1668A			pg/g	83	74	<0.13	--	--	--	--	--	--	--	--
	PCB-191	EPA 1668A			pg/g	21 J	19 J	<0.13	--	--	--	--	--	--	--	--
	PCB-192	EPA 1668A			pg/g	<1.9	<1.3	<0.14	--	--	--	--	--	--	--	--
	PCB-194	EPA 1668A			pg/g	920	610	<0.23	--	--	--	--	--	--	--	--
	PCB-195	EPA 1668A			pg/g	170	120	<0.20	--	--	--	--	--	--	--	--
	PCB-196	EPA 1668A			pg/g	350	290	<0.18	--	--	--	--	--	--	--	--
	PCB-197	EPA 1668A			pg/g	53	48	<0.11	--	--	--	--	--	--	--	--
	PCB-200	EPA 1668A			pg/g	140	120	<0.14	--	--	--	--	--	--	--	--
	PCB-201	EPA 1668A			pg/g	190	170	<0.12	--	--	--	--	--	--	--	--
	PCB-202	EPA 1668A			pg/g	400	320	<0.13	--	--	--	--	--	--	--	--
	PCB-203	EPA 1668A			pg/g	950	780	<0.16	--	--	--	--	--	--	--	--
	PCB-204	EPA 1668A			pg/g	27 J	27	<0.13	--	--	--	--	--	--	--	--
	PCB-205	EPA 1668A			pg/g	48	40	<0.20	--	--	--	--	--	--	--	--
	PCB-206	EPA 1668A			pg/g	3,000	2,600 J	1.9 J	--	--	--	--	--	--	--	--
	PCB-207	EPA 1668A			pg/g	490	430	<0.18	--	--	--	--	--	--	--	--
	PCB-208	EPA 1668A			pg/g	780	690	<0.21	--	--	--	--	--	--	--	--
	PCB-209	EPA 1668A			pg/g	7,600 J	7,100 J	7.7 J	--	--	--	--	--	--	--	--
	PCBs 107+124	EPA 1668A			pg/g	<7.4	<5.5	<0.12	--	--	--	--	--	--	--	--
	PCBs 110+115	EPA 1668A			pg/g	470	330	0.55 J	--	--	--	--	--	--	--	--
	PCBs 12+13	EPA 1668A			pg/g	8.2 J	6.2 J	<1.0	--	--	--	--	--	--	--	--
	PCBs 128+166	EPA 1668A			pg/g	110	110	<0.18	--	--	--	--	--	--	--	--
	PCBs 129+138+163	EPA 1668A			pg/g	980	850	0.76 J	--	--	--	--	--	--	--	--
	PCBs 134+143	EPA 1668A			pg/g	41 J	36 J	<0.22	--	--	--	--	--	--	--	--
	PCBs 135+151	EPA 1668A			pg/g	430	340	<0.20	--	--	--	--	--	--	--	--
	PCBs 139+140	EPA 1668A			pg/g	12 J	10 J	<0.19	--	--	--	--	--	--	--	--
	PCBs 147+149	EPA 1668A			pg/g	1,100	870	0.62 J	--	--	--	--	--	--	--	--
	PCBs 153+168	EPA 1668A			pg/g	780	660	0.56 J	--	--	--	--	--	--	--	--
PCBs 156+157	EPA 1668A			pg/g	84	72	<0.21	--	--	--	--	--	--	--	--	
PCBs 171+173	EPA 1668A			pg/g	190	150	<0.18	--	--	--	--	--	--	--	--	
PCBs 18+30	EPA 1668A			pg/g	21 J	9.6 J	1.2 J	--	--	--	--	--	--	--	--	
PCBs 180+193	EPA 1668A			pg/g	1,500	1,100	<0.14	--	--	--	--	--	--	--	--	
PCBs 198+199	EPA 1668A			pg/g	2,100	1,600	0.40 J	--	--	--	--	--	--	--	--	
PCBs 20+28	EPA 1668A			pg/g	28 J	18 J	0.88 J	--	--	--	--	--	--	--	--	
PCBs 21+33	EPA 1668A			pg/g	8.6 J	5.3 J	0.47 J	--	--	--	--	--	--	--	--	
PCBs 26+29	EPA 1668A			pg/g	3.5 J	2.0 J	<0.23	--	--	--	--	--	--	--	--	
PCBs 40+71	EPA 1668A			pg/g	14 J	8.1 J	0.18 J	--	--	--	--	--	--	--	--	

**TABLE A-6a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 8**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	M-191								
			Level	Source		1-1.5 ft bgs	1-1.5 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs	33-33.5 ft bgs
						M-191-1.0-20141201	M-191-1.0-20141201-FD	M-191-5.0-20141201	M-191-10.0-20141201	M-191-15.0-20141201	M-191-20.0-20141201	M-191-25.0-20141201	M-191-30.0-20141201	M-191-33.0-20141201
PCBs	PCBs 44+47+65	EPA 1668A			pg/g	49 J	31 J	0.33 J	--	--	--	--	--	--
	PCBs 49+69	EPA 1668A			pg/g	19 J	11 J	0.24 J	--	--	--	--	--	--
	PCBs 50+53	EPA 1668A			pg/g	4.6 J	2.3 J	<0.091	--	--	--	--	--	--
	PCBs 59+62+75	EPA 1668A			pg/g	6.4 J	3.8 J	<0.071	--	--	--	--	--	--
	PCBs 61+70+74+76	EPA 1668A			pg/g	86 J	62 J	0.66 J	--	--	--	--	--	--
	PCBs 85+116+117	EPA 1668A			pg/g	50 J	37 J	<0.12	--	--	--	--	--	--
	PCBs 86+87+97+108+119+125	EPA 1668A			pg/g	210	150	<0.13	--	--	--	--	--	--
	PCBs 88+91	EPA 1668A			pg/g	34 J	23 J	<0.15	--	--	--	--	--	--
	PCBs 90+101+113	EPA 1668A			pg/g	380	260	0.46 J	--	--	--	--	--	--
	PCBs 93+100	EPA 1668A			pg/g	<9.4	<6.9	<0.15	--	--	--	--	--	--
PCBs 98+102	EPA 1668A			pg/g	<8.5	<6.3	<0.13	--	--	--	--	--	--	
Dioxins/Furans	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	EPA 8290			pg/g	9.6	11	<0.11	--	--	--	--	--	--
	1,2,3,4,6,7,8-Heptachlorodibenzofuran	EPA 8290			pg/g	93	130	<0.11	--	--	--	--	--	--
	1,2,3,4,7,8,9-Heptachlorodibenzofuran	EPA 8290			pg/g	31	46	<0.15	--	--	--	--	--	--
	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	EPA 8290			pg/g	0.72 J	1.0 J	<0.095	--	--	--	--	--	--
	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	EPA 8290			pg/g	1.5 J	2.3 J	<0.081	--	--	--	--	--	--
	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	EPA 8290			pg/g	1.7 J	2.2 J	<0.18	--	--	--	--	--	--
	1,2,3,4,7,8-Hexachlorodibenzofuran	EPA 8290			pg/g	28	37	<0.077	--	--	--	--	--	--
	1,2,3,6,7,8-Hexachlorodibenzofuran	EPA 8290			pg/g	20	27	<0.066	--	--	--	--	--	--
	1,2,3,7,8,9-Hexachlorodibenzofuran	EPA 8290			pg/g	1.6 UJ	3.3 J	<0.079	--	--	--	--	--	--
	2,3,4,6,7,8-Hexachlorodibenzofuran	EPA 8290			pg/g	6.0	7.8	<0.074	--	--	--	--	--	--
	HpCDD (total)	EPA 8290			pg/g	18	20	<0.11	--	--	--	--	--	--
	HpCDF (total)	EPA 8290			pg/g	190	260	<0.15	--	--	--	--	--	--
	HxCDD (total)	EPA 8290			pg/g	13	18	<0.18	--	--	--	--	--	--
	HxCDF (total)	EPA 8290			pg/g	160	210	<0.079	--	--	--	--	--	--
	1,2,3,4,5,6,7,8-Octachlorodibenzo-p-dioxin	EPA 8290			pg/g	25	27	0.62 J	--	--	--	--	--	--
	1,2,3,4,5,6,7,8-Octachlorodibenzofuran	EPA 8290			pg/g	560	820	<0.16	--	--	--	--	--	--
	PeCDD (total)	EPA 8290			pg/g	8.7	9.8	<0.17	--	--	--	--	--	--
	PeCDF (total)	EPA 8290			pg/g	120	160	<0.075	--	--	--	--	--	--
	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	EPA 8290			pg/g	<0.39	<0.41	<0.17	--	--	--	--	--	--
	1,2,3,7,8-Pentachlorodibenzofuran	EPA 8290			pg/g	13	17	<0.071	--	--	--	--	--	--
	2,3,4,7,8-Pentachlorodibenzofuran	EPA 8290			pg/g	8.0	9.9	<0.075	--	--	--	--	--	--
	TCDD (total)	EPA 8290			pg/g	8.2	10	<0.078	--	--	--	--	--	--
	TCDF (total)	EPA 8290			pg/g	120	130	<0.066	--	--	--	--	--	--
	2,3,7,8-Tetrachlorodibenzo-p-dioxin	EPA 8290		15 RSL	pg/g	0.22 J	0.46 J	<0.078	--	--	--	--	--	--

**TABLE A-6a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 8**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	M-191								
			Level	Source		1-1.5 ft bgs	1-1.5 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs	33-33.5 ft bgs
						M-191-1.0-20141201	M-191-1.0-20141201-FD	M-191-5.0-20141201	M-191-10.0-20141201	M-191-15.0-20141201	M-191-20.0-20141201	M-191-25.0-20141201	M-191-30.0-20141201	M-191-33.0-20141201
Dioxins/Furans	2,3,7,8-Tetrachlorodibenzofuran	EPA 8290			pg/g	10 J	12 J	0.066 UJ	--	--	--	--	--	--
	Total PCB TEQs (calculated by TAS)	EPA 8280A			pg/g	1.3	1.0	0.012	--	--	--	--	--	--
	Total TEQ (Calculated)	EPA 8280A			pg/g	12	16	0.17	--	--	--	--	--	--
Organic Acids	Phthalic acid	EPA 8270			µg/kg	<1,300	<1,300	<1,300	<1,300	--	--	--	--	--
Radionuclides	Radium-226	EPA 903.0	0.006	BCL	pCi/g	1.01	1.09	0.984 J	--	--	--	--	--	--
	Radium-228	EPA 904.0	0.006	BCL	pCi/g	1.01	1.23	1.61 J	--	--	--	--	--	--
	Thorium-228	DOE A-01-R	0.0027	BCL	pCi/g	1.79	1.46	1.96	--	--	--	--	--	--
	Thorium-230	DOE A-01-R	0.001	BCL	pCi/g	0.946	0.864	1.76	--	--	--	--	--	--
	Thorium-232	DOE A-01-R	0.0035	BCL	pCi/g	1.70	1.44	2.16	--	--	--	--	--	--
	Uranium-233/234	DOE A-01-R			pCi/g	0.797	0.933	1.33	--	--	--	--	--	--
	Uranium-235/236	DOE A-01-R			pCi/g	<0.0977	<0.0458	<0.0625	--	--	--	--	--	--
	Uranium-238	DOE A-01-R			pCi/g	0.748	1.02	1.02	--	--	--	--	--	--
	Uranium-238	EPA 6020	13.5	BCL	mg/kg	0.63	0.73	1.4	--	--	--	--	--	
Total Petroleum Hydrocarbons	Diesel Range Organics (C10-C28)	EPA 8015			mg/kg	56	88	15	--	--	--	--	--	--
	EFH (C10-C40)	EPA 8015			mg/kg	110 J	270 J	30	--	--	--	--	--	--
	Gasoline Range Organics (C6-C10)	EPA 8015			µg/kg	<150	<160	<150	--	--	--	--	--	--
	Petroleum Hydrocarbons (C29-C40)	EPA 8015			mg/kg	52 J	180 J	4.9 J	--	--	--	--	--	--
General Chemistry	Alkalinity (as CaCO3)	SM 2320			mg/kg	44,000 J	9,900 J	48,000	51,000	54,000	16,000	2,600	3,700	22,000
	Ammonia (as NH3)	SM 4500			mg/kg	<2.6	<2.7	4.1 J	3.0 J	2.7 J	7.4 J	7.5 J	5.2 J	4.7 J
	Bicarbonate as HCO3	SM 2320			mg/kg	49,000	8,700	54,000	59,000	63,000	18,000	3,000	4,100	24,000
	Bromide	EPA 300			mg/kg	<3.8	<3.9	<3.7	--	--	--	--	--	--
	Carbonate (CO3)	SM 2320			mg/kg	2,000	1,600	1,900	1,300	1,300	960	<380	<440	1,500
	Chloride	EPA 300			mg/kg	580	540	320	--	--	--	--	--	--
	Hydroxide	SM 2320			mg/kg	<180	<190	<180	<180	<180	<180	<220	<250	<220
	Nitrate	EPA 300	7	BCL	mg/kg	--	--	--	--	--	--	--	--	--
	Nitrate (as NO3)	EPA 300			mg/kg	13	12	9.1	--	--	--	--	--	--
	Nitrate/Nitrite	EPA 300			mg/kg	7.1 J	2.8 J	6.2	--	--	--	--	--	--
	Nitrite	EPA 300			mg/kg	4.2 J	1.2 UJ	4.1	--	--	--	--	--	--
	ortho-Phosphate (total) (as PO4)	EPA 300			mg/kg	<4.4	<4.4	<4.3	--	--	--	--	--	--
	Phosphorus (total)	EPA 6010	0.00148	RSL	mg/kg	1,000	1,000	960	1,200	1,000	960	79	63	660
	Silicon	EPA 6010			mg/kg	78 J	100 J	74 J	75 J	77 J	81 J	120 J	87 J	86 J
	Sulfate	EPA 300			mg/kg	90	88	570	--	--	--	--	--	--
Sulfur	EPA 6020			mg/kg	<440	<400	490 J	--	--	--	--	--	--	
pH	EPA 9045			s.u.	9.74 J	9.72 J	9.54 J	9.19 J	8.93 J	8.87 J	8.02 J	7.94 J	8.42 J	

**Notes:**

ft bgs: feet below ground surface

FD: Field Duplicate

Above Screening Level

bold value: detection

Soil screening levels were selected according to the following hierarchy of criteria:

1. Basic Comparison Level (BCL): Leaching-based basic comparison levels (LBCL) with dilution attenuation factor (DAF) of 1 in the most recent version of Nevada Division of

**Sources:**

NDEP, 2015. User's Guide and Background Technical Document for NDEP Basic

Comparison Levels (BCLs) for Human Health for the BMI Complex and Common Areas. Revision 13, February.

USEPA, 2015. Regional Screening Levels (RSL) for Chemical Contaminants at Superfund Sites. June.

**TABLE A-6a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 8**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	M-191								
			Level	Source		1-1.5 ft bgs	1-1.5 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs	33-33.5 ft bgs
						M-191-1.0-20141201	M-191-1.0-20141201-FD	M-191-5.0-20141201	M-191-10.0-20141201	M-191-15.0-20141201	M-191-20.0-20141201	M-191-25.0-20141201	M-191-30.0-20141201	M-191-33.0-20141201

Environmental Protection (NDEP) documents (February 2015).

2. Regional Screening Level (RSL): United States Environmental Protection Agency (USEPA) Regional Screening Levels (RSL) for groundwater protection (June 2015), with the maximum contaminant level (MCL) based screening levels selected over the risk-based screening levels, if available (USEPA 2015)
3. Calculated Criteria (CAL): Generic leaching-based BCLs (LBCLs) calculated using the approach presented in NDEP guidance (NDEP 2015).

**TABLE A-6a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 8**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	M-192									
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs	35-35.5 ft bgs	
						M-192-0.5-20141203	M-192-5.0-20141203	M-192-10.0-20141203	M-192-15.0-20141203	M-192-15.0-20141203-FD	M-192-20.0-20141203	M-192-25.0-20141203	M-192-30.0-20141203	M-192-35.0-20141203	
Chlorates	Chlorate	EPA 300.1	1.03	BCL	mg/kg	13	50	93	310	320	190	390	260	1,300	
	Perchlorate	EPA 314.0	0.0185	BCL	mg/kg	110	190	150	320	200	180	620	380	1,200	
Common Metals	Aluminum	EPA 6010	75	BCL	mg/kg	3,500	6,800	8,600	7,700	7,300	8,200	7,800	8,300	21,000	
	Antimony	EPA 6020	0.3	BCL	mg/kg	<0.52	0.70 J	<0.53	<0.53	<0.54	<0.53	<0.61	<0.57	<0.81	
	Arsenic	EPA 6020	1	BCL	mg/kg	3.5	3.3	3.5	3.6	3.5	5.9	18	8.9	33	
	Barium	EPA 6010	82	BCL	mg/kg	71	130	180	170	130	98	100	72	53	
	Boron	EPA 6010	21.4	BCL	mg/kg	8.3 J	28	7.3	8.4	12	9.7	16	12	50	
	Cadmium	EPA 6010	0.4	BCL	mg/kg	<0.52	0.27 J	<0.27	<0.27	<0.27	<0.26	<0.31	<0.29	<0.40	
	Chromium (total)	EPA 6010	180,000	RSL	mg/kg	7.3	17	--	--	--	--	--	--	--	
	Cobalt	EPA 6010	0.453	BCL	mg/kg	1.8 J	5.4	7.4	6.8	6.9	7.2	3.3	3.3	8.2	
	Copper	EPA 6010	45.8	BCL	mg/kg	7.1	21	18	17	22	19	11	9.2	19	
	Iron	EPA 6010	7.56	BCL	mg/kg	5,000	14,000	15,000	15,000	16,000	14,000	8,800	9,900	18,000	
	Lead	EPA 6010	13.5	RSL	mg/kg	6.0	48	8.1	7.7	12	7.5	6.8	7.0	11	
	Magnesium	EPA 6010	889	BCL	mg/kg	58,000	17,000	10,000	9,200	8,600	11,000	19,000	7,400	45,000	
	Manganese	EPA 6010	1.3	BCL	mg/kg	180	330	310	340	310	250	120	90	320	
	Mercury	EPA 7471	0.104	BCL	mg/kg	<0.013	0.72	0.12	0.020 J	0.17 J	0.021	0.031	<0.014	<0.019	
	Molybdenum	EPA 6010	3.37	BCL	mg/kg	<2.1	<1.1	<1.1	1.1 UJ	2.3 J	<1.1	<1.2	<1.1	<1.6	
	Nickel	EPA 6010	7	BCL	mg/kg	5.8	13	16	15	16	15	9.9	12	19	
	Selenium	EPA 6020	0.3	BCL	mg/kg	<0.52	<0.54	<0.53	<0.53	<0.54	<0.53	<0.61	<0.57	<0.81	
Silver	EPA 6010	0.85	BCL	mg/kg	<1.6	<0.81	<0.80	<0.80	<0.80	<0.79	<0.92	<0.86	<1.2		
Thallium	EPA 6020	0.4	BCL	mg/kg	<0.26	<0.27	<0.27	<0.27	<0.27	<0.26	<0.31	<0.29	<0.40		
Zinc	EPA 6010	620	BCL	mg/kg	19	36	30	30	30	30	22	19	50		
Hexavalent Chromium	Chromium VI	EPA 7199	2	BCL	mg/kg	<0.43	<0.43	0.62 J	0.98	0.91	<0.41	<0.49	<0.46	1.1 J	
Rare Metals	Niobium	EPA 6020	1.17	BCL	mg/kg	<1.7	<1.9	--	--	--	--	--	--	--	
	Palladium	EPA 6020			mg/kg	<0.050	<0.056	--	--	--	--	--	--	--	
	Strontium	EPA 6010	422	RSL	mg/kg	230	210	--	--	--	--	--	--	--	
	Tungsten	EPA 6010	37.6	BCL	mg/kg	<10	<5.4	--	--	--	--	--	--	--	
	Zirconium	EPA 6010	4.79	RSL	mg/kg	7.9 J	19	--	--	--	--	--	--	--	
VOCs	Acetone	EPA 8260	0.8	BCL	mg/kg	<0.0082	<0.0083	<0.0082	<0.0078	<0.0082	<0.0076	<0.0090	<0.0086	0.059	
	t-Amyl methyl ether	EPA 8260			mg/kg	<0.0010	<0.0010	<0.0010	<0.00098	<0.0010	<0.00095	<0.0011	<0.0011	<0.0014	
	Benzene	EPA 8260	0.002	BCL	mg/kg	<0.00051	<0.00052	<0.00051	<0.00049	<0.00051	<0.00048	<0.00056	<0.00054	<0.00070	
	Bromobenzene	EPA 8260	0.0421	RSL	mg/kg	<0.0010	<0.0010	<0.0010	<0.00098	<0.0010	<0.00095	<0.0011	<0.0011	<0.0014	
	Bromochloromethane	EPA 8260			mg/kg	<0.0010	<0.0010	<0.0010	<0.00098	<0.0010	<0.00095	<0.0011	<0.0011	<0.0014	
	Bromodichloromethane	EPA 8260	0.03	BCL	mg/kg	<0.00051	<0.00052	<0.00051	<0.00049	<0.00051	<0.00048	<0.00056	<0.00054	<0.00070	
	Bromoform	EPA 8260	0.04	BCL	mg/kg	<0.0010	<0.0010	<0.0010	<0.00098	<0.0010	<0.00095	<0.0011	<0.0011	<0.0014	
	Bromomethane	EPA 8260	0.01	BCL	mg/kg	<0.0010	<0.0010	<0.0010	<0.00098	<0.0010	<0.00095	<0.0011	<0.0011	<0.0014	
	2-Butanone	EPA 8260	1.16	RSL	mg/kg	<0.0051	<0.0052	<0.0051	<0.0049	<0.0051	<0.0048	<0.0056	<0.0054	<0.0070	
	n-Butylbenzene	EPA 8260	3.23	RSL	mg/kg	<0.0010	<0.0010	<0.0010	<0.00098	<0.0010	<0.00095	<0.0011	<0.0011	<0.0014	
	sec-Butylbenzene	EPA 8260	5.87	RSL	mg/kg	<0.0010	<0.0010	<0.0010	<0.00098	<0.0010	<0.00095	<0.0011	<0.0011	<0.0014	
	Carbon tetrachloride	EPA 8260	0.003	BCL	mg/kg	<0.00051	<0.00052	<0.00051	<0.00049	<0.00051	<0.00048	<0.00056	<0.00054	<0.00070	
	Chlorobenzene	EPA 8260	0.07	BCL	mg/kg	<0.00051	<0.00052	<0.00051	<0.00049	<0.00051	<0.00048	<0.00056	<0.00054	<0.00070	
	Chloroethane	EPA 8260	5.92	RSL	mg/kg	<0.0010	<0.0010	<0.0010	<0.00098	<0.0010	<0.00095	<0.0011	<0.0011	<0.0014	
	Chloroform	EPA 8260	0.03	BCL	mg/kg	0.00093 J	0.0018	0.0050	0.0024	0.0020	0.0076	0.0043	0.064	0.054	
	Chloromethane	EPA 8260	0.0486	RSL	mg/kg	<0.0010	<0.0010	<0.0010	<0.00098	<0.0010	<0.00095	<0.0011	<0.0011	<0.0014	
	2-Chlorotoluene	EPA 8260	0.231	RSL	mg/kg	<0.0010	<0.0010	<0.0010	<0.00098	<0.0010	<0.00095	<0.0011	<0.0011	<0.0014	
	4-Chlorotoluene	EPA 8260	0.241	RSL	mg/kg	<0.0010	<0.0010	<0.0010	<0.00098	<0.0010	<0.00095	<0.0011	<0.0011	<0.0014	
Cumene	EPA 8260	0.738	RSL	mg/kg	<0.00051	<0.00052	<0.00051	<0.00049	<0.00051	<0.00048	<0.00056	<0.00054	<0.00070		
p-Cymene	EPA 8260	3.91	CAL	mg/kg	<0.00051	<0.00052	<0.00051	<0.00049	<0.00051	<0.00048	<0.00056	<0.00054	<0.00070		

**TABLE A-6a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 8**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	M-192								
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs	35-35.5 ft bgs
						M-192-0.5-20141203	M-192-5.0-20141203	M-192-10.0-20141203	M-192-15.0-20141203	M-192-15.0-20141203-FD	M-192-20.0-20141203	M-192-25.0-20141203	M-192-30.0-20141203	M-192-35.0-20141203
VOCs	Dibromochloromethane	EPA 8260	0.02	BCL	mg/kg	<0.00051	<0.00052	<0.00051	<0.00049	<0.00051	<0.00048	<0.00056	<0.00054	<0.00070
	1,2-Dibromoethane	EPA 8260	0.000141	RSL	mg/kg	<0.00051	<0.00052	<0.00051	<0.00049	<0.00051	<0.00048	<0.00056	<0.00054	<0.00070
	Dibromomethane	EPA 8260	0.00197	RSL	mg/kg	<0.00051	<0.00052	<0.00051	<0.00049	<0.00051	<0.00048	<0.00056	<0.00054	<0.00070
	1,2-Dichlorobenzene	EPA 8260	0.9	BCL	mg/kg	<0.00051	<0.00052	<0.00051	<0.00049	<0.00051	<0.00048	<0.00056	<0.00054	<0.00070
	1,3-Dichlorobenzene	EPA 8260	0.0473	CAL	mg/kg	<0.00051	<0.00052	<0.00051	<0.00049	<0.00051	<0.00048	<0.00056	<0.00054	<0.00070
	1,4-Dichlorobenzene	EPA 8260	0.1	BCL	mg/kg	<0.00051	<0.00052	<0.00051	<0.00049	<0.00051	<0.00048	<0.00056	<0.00054	<0.00070
	Dichlorodifluoromethane	EPA 8260	0.304	RSL	mg/kg	0.0010 UJ	0.0010 UJ	0.0010 UJ	0.00098 UJ	0.0010 UJ	0.00095 UJ	0.0011 UJ	0.0011 UJ	0.0014 UJ
	1,1-Dichloroethane	EPA 8260	1	BCL	mg/kg	<0.00051	<0.00052	<0.00051	<0.00049	<0.00051	<0.00048	<0.00056	<0.00054	<0.00070
	1,2-Dichloroethane	EPA 8260	0.001	BCL	mg/kg	<0.00051	<0.00052	<0.00051	<0.00049	<0.00051	<0.00048	<0.00056	<0.00054	<0.00070
	1,1-Dichloroethene	EPA 8260	0.003	BCL	mg/kg	<0.00051	<0.00052	<0.00051	<0.00049	<0.00051	<0.00048	<0.00056	<0.00054	<0.00070
	cis-1,2-Dichloroethene	EPA 8260	0.02	BCL	mg/kg	<0.00051	<0.00052	<0.00051	<0.00049	<0.00051	<0.00048	<0.00056	<0.00054	<0.00070
	trans-1,2-Dichloroethene	EPA 8260	0.03	BCL	mg/kg	<0.00051	<0.00052	<0.00051	<0.00049	<0.00051	<0.00048	<0.00056	<0.00054	<0.00070
	1,2-Dichloropropane	EPA 8260	0.001	BCL	mg/kg	<0.00051	<0.00052	<0.00051	<0.00049	<0.00051	<0.00048	<0.00056	<0.00054	<0.00070
	1,3-Dichloropropane	EPA 8260	0.001	BCL	mg/kg	<0.00051	<0.00052	<0.00051	<0.00049	<0.00051	<0.00048	<0.00056	<0.00054	<0.00070
	2,2-Dichloropropane	EPA 8260			mg/kg	<0.0010	<0.0010	<0.0010	<0.00098	<0.0010	<0.00095	<0.0011	<0.0011	<0.0014
	1,1-Dichloropropene	EPA 8260			mg/kg	<0.00051	<0.00052	<0.00051	<0.00049	<0.00051	<0.00048	<0.00056	<0.00054	<0.00070
	cis-1,3-Dichloropropene	EPA 8260			mg/kg	<0.00051	<0.00052	<0.00051	<0.00049	<0.00051	<0.00048	<0.00056	<0.00054	<0.00070
	trans-1,3-Dichloropropene	EPA 8260			mg/kg	<0.00051	<0.00052	<0.00051	<0.00049	<0.00051	<0.00048	<0.00056	<0.00054	<0.00070
	Diisopropyl ether	EPA 8260			mg/kg	<0.0010	<0.0010	<0.0010	<0.00098	<0.0010	<0.00095	<0.0011	<0.0011	<0.0014
	Ethyl benzene	EPA 8260	0.7	BCL	mg/kg	<0.00051	<0.00052	<0.00051	<0.00049	<0.00051	<0.00048	<0.00056	<0.00054	<0.00070
	Ethyl tert-butyl ether	EPA 8260			mg/kg	<0.0010	<0.0010	<0.0010	<0.00098	<0.0010	<0.00095	<0.0011	<0.0011	<0.0014
	Hexachlorobutadiene	EPA 8260	0.1	BCL	mg/kg	<0.0010	<0.0010	<0.0010	<0.00098	<0.0010	<0.00095	<0.0011	<0.0011	<0.0014
	2-Hexanone	EPA 8260			mg/kg	<0.0051	<0.0052	<0.0051	<0.0049	<0.0051	<0.0048	<0.0056	<0.0054	<0.0070
	Methyl tert-butyl ether	EPA 8260			mg/kg	<0.0010	<0.0010	<0.0010	<0.00098	<0.0010	<0.00095	<0.0011	<0.0011	<0.0014
	Methylene chloride	EPA 8260	0.001	BCL	mg/kg	<0.0051	<0.0052	<0.0051	<0.0049	<0.0051	<0.0048	<0.0056	<0.0054	<0.0070
	Naphthalene	EPA 8260	4	BCL	mg/kg	0.0010 UJ	<0.0010	<0.0010	<0.00098	<0.0010	<0.00095	<0.0011	<0.0011	<0.0014
	n-Propylbenzene	EPA 8260	1.22	RSL	mg/kg	<0.00051	<0.00052	<0.00051	<0.00049	<0.00051	<0.00048	<0.00056	<0.00054	<0.00070
	Styrene	EPA 8260	0.2	BCL	mg/kg	<0.00051	<0.00052	<0.00051	<0.00049	<0.00051	<0.00048	<0.00056	<0.00054	<0.00070
	1,1,1,2-Tetrachloroethane	EPA 8260	0.000218	RSL	mg/kg	<0.0010	<0.0010	<0.0010	<0.00098	<0.0010	<0.00095	<0.0011	<0.0011	<0.0014
	1,1,2,2-Tetrachloroethane	EPA 8260	0.0002	BCL	mg/kg	<0.0010	<0.0010	<0.0010	<0.00098	<0.0010	<0.00095	<0.0011	<0.0011	<0.0014
	Tetrachloroethene	EPA 8260	0.003	BCL	mg/kg	<0.00051	<0.00052	<0.00051	<0.00049	<0.00051	<0.00048	<0.00056	<0.00054	<0.00070
	Toluene	EPA 8260	0.6	BCL	mg/kg	<0.00051	<0.00052	<0.00051	<0.00049	<0.00051	<0.00048	<0.00056	<0.00054	<0.00070
	1,2,3-Trichlorobenzene	EPA 8260	0.0209	RSL	mg/kg	0.0010 UJ	<0.0010	<0.0010	<0.00098	<0.0010	<0.00095	<0.0011	<0.0011	<0.0014
	1,2,4-Trichlorobenzene	EPA 8260	0.3	BCL	mg/kg	<0.0010	<0.0010	<0.0010	<0.00098	<0.0010	<0.00095	<0.0011	<0.0011	<0.0014
	1,1,1-Trichloroethane	EPA 8260	0.1	BCL	mg/kg	<0.00051	<0.00052	<0.00051	<0.00049	<0.00051	<0.00048	<0.00056	<0.00054	<0.00070
	1,1,2-Trichloroethane	EPA 8260	0.0009	BCL	mg/kg	<0.00051	<0.00052	<0.00051	<0.00049	<0.00051	<0.00048	<0.00056	<0.00054	<0.00070
	Trichloroethene	EPA 8260	0.003	BCL	mg/kg	<0.00051	<0.00052	<0.00051	<0.00049	<0.00051	<0.00048	<0.00056	<0.00054	<0.00070
	Trichlorofluoromethane	EPA 8260	0.731	RSL	mg/kg	<0.0010	<0.0010	<0.0010	<0.00098	<0.0010	<0.00095	<0.0011	<0.0011	<0.0014
	1,2,3-Trichloropropane	EPA 8260	0.00000323	RSL	mg/kg	<0.0010	<0.0010	<0.0010	<0.00098	<0.0010	<0.00095	<0.0011	<0.0011	<0.0014
	1,2,4-Trimethylbenzene	EPA 8260	0.0212	RSL	mg/kg	<0.0010	<0.0010	<0.0010	<0.00098	<0.0010	<0.00095	<0.0011	<0.0011	<0.0014
1,3,5-Trimethylbenzene	EPA 8260	0.167	RSL	mg/kg	<0.0010	<0.0010	<0.0010	<0.00098	<0.0010	<0.00095	<0.0011	<0.0011	<0.0014	
Vinyl chloride	EPA 8260	0.0007	BCL	mg/kg	<0.0010	<0.0010	<0.0010	<0.00098	<0.0010	<0.00095	<0.0011	<0.0011	<0.0014	
m,p-Xylene	EPA 8260			mg/kg	<0.0010	<0.0010	<0.0010	<0.00098	<0.0010	<0.00095	<0.0011	<0.0011	<0.0014	
o-Xylene	EPA 8260	9	BCL	mg/kg	<0.00051	<0.00052	<0.00051	<0.00049	<0.00051	<0.00048	<0.00056	<0.00054	<0.00070	
1,2-Dibromo-3-chloropropane	EPA 8260	0.0000864	RSL	mg/kg	<0.0020	<0.0021	<0.0020	<0.0020	<0.0021	<0.0019	<0.0023	<0.0022	<0.0028	
4-Methyl-2-pentanone	EPA 8260			mg/kg	<0.0025	<0.0026	<0.0026	<0.0024	<0.0026	<0.0024	<0.0028	<0.0027	<0.0035	
tert Butyl alcohol	EPA 8260			mg/kg	<0.010	<0.010	<0.010	<0.0098	<0.010	<0.0095	<0.011	<0.011	<0.014	
tert-Butylbenzene	EPA 8260	1.55	RSL	mg/kg	<0.0010	<0.0010	<0.0010	<0.00098	<0.0010	<0.00095	<0.0011	<0.0011	<0.0014	





**TABLE A-6a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 8**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	M-192										
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs	35-35.5 ft bgs		
						M-192-0.5-20141203	M-192-5.0-20141203	M-192-10.0-20141203	M-192-15.0-20141203	M-192-15.0-20141203-FD	M-192-20.0-20141203	M-192-25.0-20141203	M-192-30.0-20141203	M-192-35.0-20141203		
SVOCs	2-Nitrophenol	EPA 8270			mg/kg	<0.14	<0.15	--	--	--	--	--	--	--	--	--
	4-Nitrophenol	EPA 8270			mg/kg	0.15 UJ	<0.15	--	--	--	--	--	--	--	--	--
	n-Nitrosodiphenylamine	EPA 8270	0.06	BCL	mg/kg	<0.085	<0.088	--	--	--	--	--	--	--	--	--
	Octachlorostyrene	EPA 8270			mg/kg	<2.4	<2.5	--	--	--	--	--	--	--	--	--
	Pentachlorophenol	EPA 8270	0.001	BCL	mg/kg	<0.36	<0.37	--	--	--	--	--	--	--	--	--
	Phenol	EPA 8270	5	BCL	mg/kg	<0.095	<0.099	--	--	--	--	--	--	--	--	--
	Pyrene	EPA 8270	210	BCL	mg/kg	<0.085	<b>0.15 J</b>	--	--	--	--	--	--	--	--	--
	Pyrene	EPA 8270-SIM	210	BCL	mg/kg	<b>0.0085 J</b>	<b>0.046</b>	--	--	--	--	--	--	--	--	--
	Pyridine	EPA 8270			mg/kg	<0.16	<0.16	--	--	--	--	--	--	--	--	--
	2,4,5-Trichlorophenol	EPA 8270	14	BCL	mg/kg	<0.14	<0.14	--	--	--	--	--	--	--	--	--
	2,4,6-Trichlorophenol	EPA 8270	0.008	BCL	mg/kg	<0.080	<0.082	--	--	--	--	--	--	--	--	--
	bis(2-Chloroethoxy)methane	EPA 8270	0.0135	RSL	mg/kg	<0.14	<0.15	--	--	--	--	--	--	--	--	--
	bis(2-Chloroethyl) ether	EPA 8270	0.00002	BCL	mg/kg	<0.074	<0.077	--	--	--	--	--	--	--	--	--
	bis(2-Ethylhexyl)phtalate	EPA 8270	180	BCL	mg/kg	<0.095	<0.099	--	--	--	--	--	--	--	--	--
4-Chloro-3-methylphenol	EPA 8270	1.71	RSL	mg/kg	<0.074	<0.077	--	--	--	--	--	--	--	--	--	
n-Nitroso-di-n-propylamine	EPA 8270	0.000002	BCL	mg/kg	<0.074	<0.077	--	--	--	--	--	--	--	--	--	
Organo-phosphorus Pesticides	Atrazine	EPA 8141A			mg/kg	<0.063	<0.013	--	--	--	--	--	--	--	--	--
	Chlorpyrifos	EPA 8141A	0.124	RSL	mg/kg	<0.034	<0.0070	--	--	--	--	--	--	--	--	--
	Coumaphos	EPA 8141A			mg/kg	<0.015	<0.0030	--	--	--	--	--	--	--	--	--
	Dasanit	EPA 8141A			mg/kg	<0.043	<0.0088	--	--	--	--	--	--	--	--	--
	Demeton (O + S)	EPA 8141A			mg/kg	<0.039	<0.0081	--	--	--	--	--	--	--	--	--
	Demeton-O	EPA 8141A			mg/kg	<0.028	<0.0057	--	--	--	--	--	--	--	--	--
	Demeton-S	EPA 8141A			mg/kg	<0.025	<0.0053	--	--	--	--	--	--	--	--	--
	Diazinon	EPA 8141A	0.0648	RSL	mg/kg	<0.038	<0.0079	--	--	--	--	--	--	--	--	--
	Dibrom	EPA 8141A			mg/kg	<0.12	<0.024	--	--	--	--	--	--	--	--	--
	Dichlorovos	EPA 8141A	0.0000811	RSL	mg/kg	<0.039	<0.0080	--	--	--	--	--	--	--	--	--
	Dimethoate	EPA 8141A	0.000899	RSL	mg/kg	<0.037	<0.0077	--	--	--	--	--	--	--	--	--
	Disulfoton	EPA 8141A	0.000939	RSL	mg/kg	<0.040	<0.0084	--	--	--	--	--	--	--	--	--
	Ethoprop nitrophenyl benzenethiophosphate	EPA 8141A	0.00277	RSL	mg/kg	<0.026	<0.0053	--	--	--	--	--	--	--	--	--
	Famphur	EPA 8141A			mg/kg	<0.017	<0.0035	--	--	--	--	--	--	--	--	--
	Fenthion	EPA 8141A			mg/kg	<0.046	<0.0095	--	--	--	--	--	--	--	--	--
	Guthion	EPA 8141A			mg/kg	<0.018	<0.0038	--	--	--	--	--	--	--	--	--
	Malathion	EPA 8141A	0.102	RSL	mg/kg	<0.024	<0.0050	--	--	--	--	--	--	--	--	--
	Merphos	EPA 8141A	0.059	RSL	mg/kg	<0.027	<0.0056	--	--	--	--	--	--	--	--	--
	Methyl parathion	EPA 8141A	7.41	RSL	µg/kg	<33	<6.9	--	--	--	--	--	--	--	--	--
	Mevinphos	EPA 8141A			mg/kg	<0.024	<0.0050	--	--	--	--	--	--	--	--	--
	Parathion	EPA 8141A	432	RSL	µg/kg	<28	<5.7	--	--	--	--	--	--	--	--	--
	Phorate	EPA 8141A	0.00338	RSL	mg/kg	<0.030	<0.0062	--	--	--	--	--	--	--	--	--
	Prothiophos	EPA 8141A			mg/kg	<0.020	<0.0042	--	--	--	--	--	--	--	--	--
Ronnel	EPA 8141A	3.7	RSL	mg/kg	<0.080	<0.016	--	--	--	--	--	--	--	--	--	
Simazine	EPA 8141A			mg/kg	<0.12	<0.024	--	--	--	--	--	--	--	--	--	
Stirophos	EPA 8141A			mg/kg	<0.023	<0.0047	--	--	--	--	--	--	--	--	--	
Sulfotepp	EPA 8141A			mg/kg	<0.033	<0.0068	--	--	--	--	--	--	--	--	--	
Sulprofos	EPA 8141A			mg/kg	<0.022	<0.0046	--	--	--	--	--	--	--	--	--	
Thionazin	EPA 8141A			mg/kg	<0.029	<0.0060	--	--	--	--	--	--	--	--	--	

TABLE A-6a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 8  
RI Data Evaluation  
Nevada Environmental Response Trust Site; Henderson, Nevada

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	M-192								
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs	35-35.5 ft bgs
						M-192-0.5-20141203	M-192-5.0-20141203	M-192-10.0-20141203	M-192-15.0-20141203	M-192-15.0-20141203-FD	M-192-20.0-20141203	M-192-25.0-20141203	M-192-30.0-20141203	M-192-35.0-20141203
Organo-phosphorus Pesticides	o-Ethyl o-2,4,5-trichlorophenyl ethyl-phosphonothioate	EPA 8141A			mg/kg	<0.033	<0.0068	--	--	--	--	--	--	--
Organo-chlorine Pesticides	Aldrin	EPA 8081	0.02	BCL	mg/kg	0.0016 UJ	<0.0016	--	--	--	--	--	--	--
	alpha-BHC	EPA 8081	0.0266	BCL	mg/kg	0.0016 UJ	<0.0016	--	--	--	--	--	--	--
	beta-BHC	EPA 8081	0.00545	BCL	mg/kg	0.0016 UJ	<0.0016	--	--	--	--	--	--	--
	delta-BHC	EPA 8081	28.1	BCL	mg/kg	0.0016 UJ	<0.0016	--	--	--	--	--	--	--
	gamma-BHC	EPA 8081	0.0005	BCL	mg/kg	0.0016 UJ	<0.0016	--	--	--	--	--	--	--
	alpha-Chlordane	EPA 8081			mg/kg	0.0021 UJ	<0.0022	--	--	--	--	--	--	--
	gamma-Chlordane	EPA 8081			mg/kg	0.0016 UJ	<0.0016	--	--	--	--	--	--	--
	4,4'-DDD	EPA 8081	0.8	BCL	mg/kg	0.0016 UJ	<0.0016	--	--	--	--	--	--	--
	2,4'-DDE	EPA 8081			mg/kg	0.0016 UJ	<0.0016	--	--	--	--	--	--	--
	4,4'-DDE	EPA 8081	3	BCL	mg/kg	0.0016 UJ	<0.0016	--	--	--	--	--	--	--
	4,4'-DDT	EPA 8081	2	BCL	mg/kg	0.0016 UJ	<0.0016	--	--	--	--	--	--	--
	Dieldrin	EPA 8081	0.0002	BCL	mg/kg	0.0016 UJ	<0.0016	--	--	--	--	--	--	--
	Endosulfan I	EPA 8081			mg/kg	0.0016 UJ	<0.0016	--	--	--	--	--	--	--
	Endosulfan II	EPA 8081			mg/kg	0.0016 UJ	<0.0016	--	--	--	--	--	--	--
	Endosulfan sulfate	EPA 8081			mg/kg	0.0021 UJ	<0.0022	--	--	--	--	--	--	--
	Endrin	EPA 8081	0.05	BCL	mg/kg	0.0016 UJ	<0.0016	--	--	--	--	--	--	--
	Endrin aldehyde	EPA 8081			mg/kg	0.0016 UJ	<0.0016	--	--	--	--	--	--	--
	Endrin ketone	EPA 8081			mg/kg	0.0021 UJ	<0.0022	--	--	--	--	--	--	--
Heptachlor	EPA 8081	1	BCL	mg/kg	0.0021 UJ	<0.0022	--	--	--	--	--	--	--	
Heptachlor epoxide	EPA 8081	0.03	BCL	mg/kg	0.0021 UJ	<0.0022	--	--	--	--	--	--	--	
Methoxychlor	EPA 8081	8	BCL	mg/kg	0.0016 UJ	<0.0016	--	--	--	--	--	--	--	
Toxaphene	EPA 8081	2	BCL	mg/kg	0.053 UJ	<0.055	--	--	--	--	--	--	--	
PAHs	Acenaphthylene	EPA 8270	0.0106	CAL	mg/kg	<0.074	<0.077	--	--	--	--	--	--	--
	Acenaphthylene	EPA 8270-SIM	0.0106	CAL	mg/kg	<0.0084	<0.0044	--	--	--	--	--	--	--
	Benzo(a)anthracene	EPA 8270	0.08	BCL	mg/kg	<0.074	<b>0.12 J</b>	--	--	--	--	--	--	--
	Benzo(a)anthracene	EPA 8270-SIM	0.08	BCL	mg/kg	<0.0084	<b>0.056</b>	--	--	--	--	--	--	--
	Benzo(a)pyrene	EPA 8270	0.4	BCL	mg/kg	<0.071	<b>0.14 J</b>	--	--	--	--	--	--	--
	Benzo(a)pyrene	EPA 8270-SIM	0.4	BCL	mg/kg	<0.0084	<b>0.057</b>	--	--	--	--	--	--	--
	Benzo(b)fluoranthene	EPA 8270	0.2	BCL	mg/kg	<0.074	<b>0.18 J</b>	--	--	--	--	--	--	--
	Benzo(b)fluoranthene	EPA 8270-SIM	0.2	BCL	mg/kg	<0.0084	<b>0.087</b>	--	--	--	--	--	--	--
	Benzo(g,h,i)perylene	EPA 8270			mg/kg	<0.12	<b>0.13 J</b>	--	--	--	--	--	--	--
	Benzo(g,h,i)perylene	EPA 8270-SIM			mg/kg	<b>0.0098 J</b>	<b>0.039</b>	--	--	--	--	--	--	--
	Indeno(1,2,3-cd)pyrene	EPA 8270	0.7	BCL	mg/kg	<0.14	<0.14	--	--	--	--	--	--	--
	Indeno(1,2,3-cd)pyrene	EPA 8270-SIM	0.7	BCL	mg/kg	<0.0084	<b>0.042</b>	--	--	--	--	--	--	--
Phenanthrene	EPA 8270	0.0243	CAL	mg/kg	<0.071	<0.074	--	--	--	--	--	--	--	
Phenanthrene	EPA 8270-SIM	0.0243	CAL	mg/kg	<0.0084	<b>0.017 J</b>	--	--	--	--	--	--	--	
PCBs	Aroclor-1260	EPA 8082	0.00549	RSL	mg/kg	<0.018	<0.019	--	--	--	--	--	--	--
	PCB-001	EPA 1668A			pg/g	<b>1.7 J</b>	<b>4.6 J</b>	--	--	--	--	--	--	--
	PCB-002	EPA 1668A			pg/g	<b>1.9 J</b>	<b>6.2 J</b>	--	--	--	--	--	--	--
	PCB-003	EPA 1668A			pg/g	<b>1.4 J</b>	<b>22 J</b>	--	--	--	--	--	--	--
	PCB-004	EPA 1668A			pg/g	<2.1	<9.1	--	--	--	--	--	--	--
	PCB-005	EPA 1668A			pg/g	<1.8	<7.1	--	--	--	--	--	--	--
	PCB-006	EPA 1668A			pg/g	<1.8	<7.2	--	--	--	--	--	--	--
	PCB-007	EPA 1668A			pg/g	<1.7	<6.9	--	--	--	--	--	--	--
	PCB-008	EPA 1668A			pg/g	<b>2.6 J</b>	<6.8	--	--	--	--	--	--	--
	PCB-009	EPA 1668A			pg/g	<1.9	<7.7	--	--	--	--	--	--	--
	PCB-010	EPA 1668A			pg/g	<1.4	<6.2	--	--	--	--	--	--	--



**TABLE A-6a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 8**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	M-192													
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs	35-35.5 ft bgs					
						M-192-0.5-20141203	M-192-5.0-20141203	M-192-10.0-20141203	M-192-15.0-20141203	M-192-15.0-20141203-FD	M-192-20.0-20141203	M-192-25.0-20141203	M-192-30.0-20141203	M-192-35.0-20141203					
PCBs	PCB-092	EPA 1668A			pg/g	4.6 J	37 J	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-094	EPA 1668A			pg/g	<0.85	<10	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-095	EPA 1668A			pg/g	25	270	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-096	EPA 1668A			pg/g	0.15 J	1.5 J	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-099	EPA 1668A			pg/g	4.6 J	45 J	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-103	EPA 1668A			pg/g	<0.75	<9.1	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-104	EPA 1668A			pg/g	<0.090	0.63 J	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-105	EPA 1668A			pg/g	5.1	36	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-106	EPA 1668A			pg/g	<0.66	<8.0	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-109	EPA 1668A			pg/g	1.3 J	8.6 J	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-111	EPA 1668A			pg/g	<0.56	<6.8	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-112	EPA 1668A			pg/g	<0.58	<7.0	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-114	EPA 1668A			pg/g	<0.67	<8.3	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-118	EPA 1668A	1,010	RSL	pg/g	12	82	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-120	EPA 1668A			pg/g	<0.59	<7.1	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-121	EPA 1668A			pg/g	<0.57	<6.9	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-122	EPA 1668A			pg/g	<0.68	<8.3	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-123	EPA 1668A			pg/g	<0.64	<8.1	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-126	EPA 1668A	0.303	RSL	pg/g	1.1 J	15	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-127	EPA 1668A			pg/g	<0.65	<7.9	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-130	EPA 1668A			pg/g	4.5 J	61 J	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-131	EPA 1668A			pg/g	<0.92	<9.9	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-132	EPA 1668A			pg/g	25	260	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-133	EPA 1668A			pg/g	<0.85	20 J	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-136	EPA 1668A			pg/g	14 J	85 J	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-137	EPA 1668A			pg/g	1.6 J	27 J	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-141	EPA 1668A			pg/g	24	180	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-142	EPA 1668A			pg/g	<0.83	<9.0	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-144	EPA 1668A			pg/g	6.4 J	50 J	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-145	EPA 1668A			pg/g	<0.57	<6.2	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-146	EPA 1668A			pg/g	13 J	130	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-148	EPA 1668A			pg/g	<0.77	<8.3	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-150	EPA 1668A			pg/g	<0.53	<5.7	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-152	EPA 1668A			pg/g	<0.56	<6.1	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-154	EPA 1668A			pg/g	1.0 J	13 J	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-155	EPA 1668A			pg/g	<0.43	<5.0	--	--	--	--	--	--	--	--	--	--	--	--
PCB-158	EPA 1668A			pg/g	8.1 J	100	--	--	--	--	--	--	--	--	--	--	--	--	
PCB-159	EPA 1668A			pg/g	0.82 J	11 J	--	--	--	--	--	--	--	--	--	--	--	--	
PCB-160	EPA 1668A			pg/g	<0.67	<7.2	--	--	--	--	--	--	--	--	--	--	--	--	
PCB-161	EPA 1668A			pg/g	<0.60	<6.5	--	--	--	--	--	--	--	--	--	--	--	--	
PCB-162	EPA 1668A			pg/g	1.8 J	27 J	--	--	--	--	--	--	--	--	--	--	--	--	
PCB-164	EPA 1668A			pg/g	6.7 J	79 J	--	--	--	--	--	--	--	--	--	--	--	--	
PCB-165	EPA 1668A			pg/g	<0.69	<7.5	--	--	--	--	--	--	--	--	--	--	--	--	
PCB-167	EPA 1668A			pg/g	2.2	20	--	--	--	--	--	--	--	--	--	--	--	--	
PCB-169	EPA 1668A	1.65	RSL	pg/g	<0.43	<5.2	--	--	--	--	--	--	--	--	--	--	--	--	
PCB-170	EPA 1668A			pg/g	35	390	--	--	--	--	--	--	--	--	--	--	--	--	
PCB-172	EPA 1668A			pg/g	8.9 J	98	--	--	--	--	--	--	--	--	--	--	--	--	
PCB-174	EPA 1668A			pg/g	55	590	--	--	--	--	--	--	--	--	--	--	--	--	
PCB-175	EPA 1668A			pg/g	4.2 J	43 J	--	--	--	--	--	--	--	--	--	--	--	--	

TABLE A-6a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 8  
 RI Data Evaluation  
 Nevada Environmental Response Trust Site; Henderson, Nevada

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	M-192										
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs	35-35.5 ft bgs		
						M-192-0.5-20141203	M-192-5.0-20141203	M-192-10.0-20141203	M-192-15.0-20141203	M-192-15.0-20141203-FD	M-192-20.0-20141203	M-192-25.0-20141203	M-192-30.0-20141203	M-192-35.0-20141203		
PCBs	PCB-176	EPA 1668A			pg/g	7.3 J	63 J	--	--	--	--	--	--	--	--	--
	PCB-177	EPA 1668A			pg/g	27	290	--	--	--	--	--	--	--	--	--
	PCB-178	EPA 1668A			pg/g	10 J	140	--	--	--	--	--	--	--	--	--
	PCB-179	EPA 1668A			pg/g	23	220	--	--	--	--	--	--	--	--	--
	PCB-181	EPA 1668A			pg/g	1.2 J	11 J	--	--	--	--	--	--	--	--	--
	PCB-182	EPA 1668A			pg/g	1.2 J	21 J	--	--	--	--	--	--	--	--	--
	PCB-183	EPA 1668A			pg/g	26	300	--	--	--	--	--	--	--	--	--
	PCB-184	EPA 1668A			pg/g	2.7 J	34 J	--	--	--	--	--	--	--	--	--
	PCB-185	EPA 1668A			pg/g	9.1 J	75 J	--	--	--	--	--	--	--	--	--
	PCB-186	EPA 1668A			pg/g	0.32 J	4.1 J	--	--	--	--	--	--	--	--	--
	PCB-187	EPA 1668A			pg/g	59	1,000	--	--	--	--	--	--	--	--	--
	PCB-188	EPA 1668A			pg/g	1.4 J	20 J	--	--	--	--	--	--	--	--	--
	PCB-189	EPA 1668A			pg/g	2.5	38	--	--	--	--	--	--	--	--	--
	PCB-190	EPA 1668A			pg/g	8.0 J	85 J	--	--	--	--	--	--	--	--	--
	PCB-191	EPA 1668A			pg/g	2.4 J	30 J	--	--	--	--	--	--	--	--	--
	PCB-192	EPA 1668A			pg/g	<0.28	6.8 J	--	--	--	--	--	--	--	--	--
	PCB-194	EPA 1668A			pg/g	23	1,100	--	--	--	--	--	--	--	--	--
	PCB-195	EPA 1668A			pg/g	8.5 J	150	--	--	--	--	--	--	--	--	--
	PCB-196	EPA 1668A			pg/g	21	470	--	--	--	--	--	--	--	--	--
	PCB-197	EPA 1668A			pg/g	6.6 J	100	--	--	--	--	--	--	--	--	--
	PCB-200	EPA 1668A			pg/g	8.1 J	170	--	--	--	--	--	--	--	--	--
	PCB-201	EPA 1668A			pg/g	12 J	290	--	--	--	--	--	--	--	--	--
	PCB-202	EPA 1668A			pg/g	8.5 J	670	--	--	--	--	--	--	--	--	--
	PCB-203	EPA 1668A			pg/g	24	1,300	--	--	--	--	--	--	--	--	--
	PCB-204	EPA 1668A			pg/g	4.6 J	54 J	--	--	--	--	--	--	--	--	--
	PCB-205	EPA 1668A			pg/g	3.8 J	66 J	--	--	--	--	--	--	--	--	--
	PCB-206	EPA 1668A			pg/g	41	6,600	--	--	--	--	--	--	--	--	--
	PCB-207	EPA 1668A			pg/g	42	1,100	--	--	--	--	--	--	--	--	--
	PCB-208	EPA 1668A			pg/g	26	1,800	--	--	--	--	--	--	--	--	--
	PCB-209	EPA 1668A			pg/g	320	46,000 J	--	--	--	--	--	--	--	--	--
	PCBs 107+124	EPA 1668A			pg/g	<0.63	<7.6	--	--	--	--	--	--	--	--	--
	PCBs 110+115	EPA 1668A			pg/g	30 J	410	--	--	--	--	--	--	--	--	--
	PCBs 12+13	EPA 1668A			pg/g	2.7 J	14 J	--	--	--	--	--	--	--	--	--
	PCBs 128+166	EPA 1668A			pg/g	8.5 J	150 J	--	--	--	--	--	--	--	--	--
	PCBs 129+138+163	EPA 1668A			pg/g	83	900	--	--	--	--	--	--	--	--	--
	PCBs 134+143	EPA 1668A			pg/g	3.6 J	35 J	--	--	--	--	--	--	--	--	--
	PCBs 135+151	EPA 1668A			pg/g	41 J	300	--	--	--	--	--	--	--	--	--
	PCBs 139+140	EPA 1668A			pg/g	1.1 J	13 J	--	--	--	--	--	--	--	--	--
	PCBs 147+149	EPA 1668A			pg/g	85	730	--	--	--	--	--	--	--	--	--
	PCBs 153+168	EPA 1668A			pg/g	78	600	--	--	--	--	--	--	--	--	--
	PCBs 156+157	EPA 1668A			pg/g	6.1	67	--	--	--	--	--	--	--	--	--
	PCBs 171+173	EPA 1668A			pg/g	16 J	160 J	--	--	--	--	--	--	--	--	--
	PCBs 18+30	EPA 1668A			pg/g	2.3 J	1.8 J	--	--	--	--	--	--	--	--	--
	PCBs 180+193	EPA 1668A			pg/g	100	1,300	--	--	--	--	--	--	--	--	--
	PCBs 198+199	EPA 1668A			pg/g	42	2,900	--	--	--	--	--	--	--	--	--
	PCBs 20+28	EPA 1668A			pg/g	5.1 J	8.8 J	--	--	--	--	--	--	--	--	--
	PCBs 21+33	EPA 1668A			pg/g	2.6 J	3.3 J	--	--	--	--	--	--	--	--	--
	PCBs 26+29	EPA 1668A			pg/g	0.83 J	2.5 J	--	--	--	--	--	--	--	--	--
	PCBs 40+71	EPA 1668A			pg/g	2.8 J	5.1 J	--	--	--	--	--	--	--	--	--

**TABLE A-6a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 8**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	M-192										
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs	35-35.5 ft bgs		
						M-192-0.5-20141203	M-192-5.0-20141203	M-192-10.0-20141203	M-192-15.0-20141203	M-192-15.0-20141203-FD	M-192-20.0-20141203	M-192-25.0-20141203	M-192-30.0-20141203	M-192-35.0-20141203		
PCBs	PCBs 44+47+65	EPA 1668A			pg/g	6.6 J	18 J	--	--	--	--	--	--	--	--	--
	PCBs 49+69	EPA 1668A			pg/g	3.0 J	5.8 J	--	--	--	--	--	--	--	--	--
	PCBs 50+53	EPA 1668A			pg/g	0.86 J	5.0 J	--	--	--	--	--	--	--	--	--
	PCBs 59+62+75	EPA 1668A			pg/g	0.55 J	3.4 J	--	--	--	--	--	--	--	--	--
	PCBs 61+70+74+76	EPA 1668A			pg/g	10 J	30 J	--	--	--	--	--	--	--	--	--
	PCBs 85+116+117	EPA 1668A			pg/g	3.6 J	29 J	--	--	--	--	--	--	--	--	--
	PCBs 86+87+97+108+119+125	EPA 1668A			pg/g	12 J	95 J	--	--	--	--	--	--	--	--	--
	PCBs 88+91	EPA 1668A			pg/g	1.7 J	33 J	--	--	--	--	--	--	--	--	--
	PCBs 90+101+113	EPA 1668A			pg/g	28 J	140 J	--	--	--	--	--	--	--	--	--
	PCBs 93+100	EPA 1668A			pg/g	<0.80	<9.7	--	--	--	--	--	--	--	--	--
PCBs 98+102	EPA 1668A			pg/g	<0.73	<8.9	--	--	--	--	--	--	--	--	--	
Dioxins/Furans	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	EPA 8290			pg/g	2.7 J	190	--	--	--	--	--	--	--	--	--
	1,2,3,4,6,7,8-Heptachlorodibenzofuran	EPA 8290			pg/g	22	510	--	--	--	--	--	--	--	--	--
	1,2,3,4,7,8,9-Heptachlorodibenzofuran	EPA 8290			pg/g	7.4	160	--	--	--	--	--	--	--	--	--
	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	EPA 8290			pg/g	0.26 J	5.8	--	--	--	--	--	--	--	--	--
	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	EPA 8290			pg/g	0.60 J	49	--	--	--	--	--	--	--	--	--
	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	EPA 8290			pg/g	0.69 J	46	--	--	--	--	--	--	--	--	--
	1,2,3,4,7,8-Hexachlorodibenzofuran	EPA 8290			pg/g	9.9	190	--	--	--	--	--	--	--	--	--
	1,2,3,6,7,8-Hexachlorodibenzofuran	EPA 8290			pg/g	5.6	110	--	--	--	--	--	--	--	--	--
	1,2,3,7,8,9-Hexachlorodibenzofuran	EPA 8290			pg/g	<0.61	12	--	--	--	--	--	--	--	--	--
	2,3,4,6,7,8-Hexachlorodibenzofuran	EPA 8290			pg/g	1.1 J	29	--	--	--	--	--	--	--	--	--
	HpCDD (total)	EPA 8290			pg/g	4.5 J	330	--	--	--	--	--	--	--	--	--
	HpCDF (total)	EPA 8290			pg/g	43	990	--	--	--	--	--	--	--	--	--
	HxCDD (total)	EPA 8290			pg/g	4.3 J	540	--	--	--	--	--	--	--	--	--
	HxCDF (total)	EPA 8290			pg/g	37	710	--	--	--	--	--	--	--	--	--
	1,2,3,4,5,6,7,8-Octachlorodibenzo-p-dioxin	EPA 8290			pg/g	9.5 J	220	--	--	--	--	--	--	--	--	--
	1,2,3,4,5,6,7,8-Octachlorodibenzofuran	EPA 8290			pg/g	66	5,000 J	--	--	--	--	--	--	--	--	--
	PeCDD (total)	EPA 8290			pg/g	3.0 J	450	--	--	--	--	--	--	--	--	--
	PeCDF (total)	EPA 8290			pg/g	37	620	--	--	--	--	--	--	--	--	--
	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	EPA 8290			pg/g	0.34 J	7.7	--	--	--	--	--	--	--	--	--
	1,2,3,7,8-Pentachlorodibenzofuran	EPA 8290			pg/g	4.8 J	92	--	--	--	--	--	--	--	--	--
	2,3,4,7,8-Pentachlorodibenzofuran	EPA 8290			pg/g	2.2 J	43	--	--	--	--	--	--	--	--	--
	TCDD (total)	EPA 8290			pg/g	2.6	200	--	--	--	--	--	--	--	--	--
	TCDF (total)	EPA 8290			pg/g	30	500	--	--	--	--	--	--	--	--	--
2,3,7,8-Tetrachlorodibenzo-p-dioxin	EPA 8290		15 RSL	pg/g	0.11 J	2.5	--	--	--	--	--	--	--	--	--	

**TABLE A-6a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 8**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	M-192								
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs	35-35.5 ft bgs
						M-192-0.5-20141203	M-192-5.0-20141203	M-192-10.0-20141203	M-192-15.0-20141203	M-192-15.0-20141203-FD	M-192-20.0-20141203	M-192-25.0-20141203	M-192-30.0-20141203	M-192-35.0-20141203
Dioxins/Furans	2,3,7,8-Tetrachlorodibenzofuran	EPA 8290			pg/g	3.6	84	--	--	--	--	--	--	--
	Total PCB TEQs (calculated by TAS)	EPA 8280A			pg/g	0.12	1.6	--	--	--	--	--	--	--
	Total TEQ (Calculated)	EPA 8280A			pg/g	3.8	89	--	--	--	--	--	--	--
Organic Acids	Phthalic acid	EPA 8270			µg/kg	<1,300	<1,400	--	--	--	--	--	--	--
Radionuclides	Radium-226	EPA 903.0	0.006	BCL	pCi/g	0.396	1.05	--	--	--	--	--	--	--
	Radium-228	EPA 904.0	0.006	BCL	pCi/g	0.367	0.994	--	--	--	--	--	--	--
	Thorium-228	DOE A-01-R	0.0027	BCL	pCi/g	0.178	1.53	--	--	--	--	--	--	--
	Thorium-230	DOE A-01-R	0.001	BCL	pCi/g	0.495 J	1.02	--	--	--	--	--	--	--
	Thorium-232	DOE A-01-R	0.0035	BCL	pCi/g	0.143	1.41	--	--	--	--	--	--	--
	Uranium-233/234	DOE A-01-R			pCi/g	0.305	0.934	--	--	--	--	--	--	--
	Uranium-235/236	DOE A-01-R			pCi/g	<0.0770	<0.0426	--	--	--	--	--	--	--
	Uranium-238	DOE A-01-R			pCi/g	0.250	0.946	--	--	--	--	--	--	--
	Uranium-238	EPA 6020	13.5	BCL	mg/kg	0.44 J	1.2	--	--	--	--	--	--	
Total Petroleum Hydrocarbons	Diesel Range Organics (C10-C28)	EPA 8015			mg/kg	46	15	--	--	--	--	--	--	--
	EFH (C10-C40)	EPA 8015			mg/kg	190	41	--	--	--	--	--	--	--
	Gasoline Range Organics (C6-C10)	EPA 8015			µg/kg	<160	<150	--	--	--	--	--	--	--
	Petroleum Hydrocarbons (C29-C40)	EPA 8015			mg/kg	140	26	--	--	--	--	--	--	--
General Chemistry	Alkalinity (as CaCO3)	SM 2320			mg/kg	78,000	44,000	45,000	59,000	60,000	18,000	18,000	4,900	5,600
	Ammonia (as NH3)	SM 4500			mg/kg	<2.6	<2.6	<2.6	<2.6	<2.6	<2.5	<3.0	<2.8	<3.8
	Bicarbonate as HCO3	SM 2320			mg/kg	93,000	51,000	53,000	69,000	70,000	20,000	22,000	5,900	6,800
	Bromide	EPA 300			mg/kg	<3.7	8.3	11	28	26	26	77	64	120
	Carbonate (CO3)	SM 2320			mg/kg	1,300	1,300	1,300	1,300	1,300	940	<370	<340	<480
	Chloride	EPA 300			mg/kg	170	450	400	970	940	890	2,400	2,200	4,100
	Hydroxide	SM 2320			mg/kg	<180	<180	<180	<180	<180	<180	<210	<190	<270
	Nitrate	EPA 300	7	BCL	mg/kg	--	--	--	--	--	--	--	--	--
	Nitrate (as NO3)	EPA 300			mg/kg	7.8	16	9.3	13	12	4.8 J	17	19	36
	Nitrate/Nitrite	EPA 300			mg/kg	6.5	3.5	2.1	2.9	2.6	<1.2	<6.9	4.4	8.2
	Nitrite	EPA 300			mg/kg	4.7	<1.2	<1.2	<1.2	<1.2	<1.2	<6.9	<1.3	<1.8
	ortho-Phosphate (total) (as PO4)	EPA 300			mg/kg	<4.2	<4.4	<4.3	<4.3	<4.3	<4.2	<5.0	<4.7	<6.4
	Phosphorus (total)	EPA 6010	0.00148	RSL	mg/kg	360	790	960	920	960	1,100	440	160	520
	Silicon	EPA 6010			mg/kg	510 J	280 J	140 J	180 J	170 J	160 J	230 J	200 J	310 J
	Sulfate	EPA 300			mg/kg	720	230	130	120	140	32	16,000	580	680
Sulfur	EPA 6020			mg/kg	1,500 J	630 J	--	--	--	--	--	--	--	
pH	EPA 9045			s.u.	9.38	8.83	11.0	9.77	10.9	8.99	7.80	8.00	7.93	

**Notes:**

ft bgs: feet below ground surface

FD: Field Duplicate

Above Screening Level

bold value: detection

Soil screening levels were selected according to the following hierarchy of criteria:

1. Basic Comparison Level (BCL): Leaching-based basic comparison levels (LBCL) with dilution attenuation factor (DAF) of 1 in the most recent version of Nevada Division of

**Sources:**

NDEP, 2015. User's Guide and Background Technical Document for NDEP Basic

Comparison Levels (BCLs) for Human Health for the BMI Complex and

Common Areas. Revision 13, February.

USEPA, 2015. Regional Screening Levels (RSL) for Chemical Contaminants at Superfund

Sites. June.

**TABLE A-6a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 8**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	M-192								
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs	35-35.5 ft bgs
						M-192-0.5-20141203	M-192-5.0-20141203	M-192-10.0-20141203	M-192-15.0-20141203	M-192-15.0-20141203-FD	M-192-20.0-20141203	M-192-25.0-20141203	M-192-30.0-20141203	M-192-35.0-20141203

Environmental Protection (NDEP) documents (February 2015).

- Regional Screening Level (RSL): United States Environmental Protection Agency (USEPA) Regional Screening Levels (RSL) for groundwater protection (June 2015), with the maximum contaminant level (MCL) based screening levels selected over the risk-based screening levels, if available (USEPA 2015)
- Calculated Criteria (CAL): Generic leaching-based BCLs (LBCLs) calculated using the approach presented in NDEP guidance (NDEP 2015).



**TABLE A-6a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 8**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	M-193									
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs	35-35.5 ft bgs	40-40.5 ft bgs
						M-193-0.5-20141204	M-193-5.0-20141204	M-193-10.0-20141204	M-193-15.0-20141204	M-193-20.0-20141204	M-193-20.0-20141204-FD	M-193-25.0-20141204	M-193-30.0-20141204	M-193-35.0-20141204	M-193-40.0-20141204
Chlorates	Chlorate	EPA 300.1	1.03	BCL	mg/kg	1.7	0.28	0.98	2.7	4.3	4.2	8.1	61	110	4.1
	Perchlorate	EPA 314.0	0.0185	BCL	mg/kg	2.4	2.0	6.7	31	56	62	81	350	330	65
Common Metals	Aluminum	EPA 6010	75	BCL	mg/kg	10,000	9,100	11,000	9,600	11,000	9,500	8,500	12,000	22,000	9,500
	Antimony	EPA 6020	0.3	BCL	mg/kg	0.55 UJ	0.53 UJ	0.55 UJ	0.54 UJ	0.53 UJ	0.54 UJ	0.54 UJ	0.63 UJ	0.82 UJ	0.52 UJ
	Arsenic	EPA 6020	1	BCL	mg/kg	2.5	2.6	3.6	3.9	3.8	4.5	12	21	42	6.2
	Barium	EPA 6010	82	BCL	mg/kg	180 J	140 J	200 J	190 J	200 J	160 J	82 J	83 J	1,500 J	150 J
	Boron	EPA 6010	21.4	BCL	mg/kg	14	23	29	27	31	27	38	80	56	25
	Cadmium	EPA 6010	0.4	BCL	mg/kg	<0.28	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.31	<0.41	<0.26
	Chromium (total)	EPA 6010	180,000	RSL	mg/kg	15	15	15	14	16	13	12	25	47	21
	Cobalt	EPA 6010	0.453	BCL	mg/kg	9.3	8.1	8.3	8.3	9.8	7.6	6.6	4.9	8.2	7.7
	Copper	EPA 6010	45.8	BCL	mg/kg	21	19	19	19	21	20	18	13	22	22
	Iron	EPA 6010	7.56	BCL	mg/kg	18,000	17,000	16,000	17,000	19,000	16,000	13,000	13,000	20,000	16,000
	Lead	EPA 6010	13.5	RSL	mg/kg	12	9.0	8.7	8.8	10	8.5	7.6	7.3	12	7.8
	Magnesium	EPA 6010	889	BCL	mg/kg	10,000	10,000	13,000	11,000	13,000	13,000	13,000	21,000	44,000	12,000
	Manganese	EPA 6010	1.3	BCL	mg/kg	480	340	380	400	410	300	260	260	380	310
	Mercury	EPA 7471	0.104	BCL	mg/kg	0.043	0.15	0.084	0.041	0.045 J	0.11 J	0.069	0.17	0.048	0.069
	Molybdenum	EPA 6010	3.37	BCL	mg/kg	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.3	<1.6	4.2
	Nickel	EPA 6010	7	BCL	mg/kg	18	16	17	16	18	16	13	16	30	16
	Selenium	EPA 6020	0.3	BCL	mg/kg	<0.55	<0.53	<0.55	<0.54	<0.53	<0.54	<0.54	<0.63	<0.82	<0.52
Silver	EPA 6010	0.85	BCL	mg/kg	<0.83	<0.80	<0.82	<0.81	<0.80	<0.80	<0.81	<0.94	<1.2	<0.78	
Thallium	EPA 6020	0.4	BCL	mg/kg	<0.28	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.31	<0.41	<0.26	
Zinc	EPA 6010	620	BCL	mg/kg	38	34	36	37	37	36	30	33	57	34	
Hexavalent Chromium	Chromium VI	EPA 7199	2	BCL	mg/kg	<0.44	<0.43	<0.44	<0.44	<0.43	<0.44	<0.44	<0.49	<0.65	<0.43
Rare Metals	Niobium	EPA 6020	1.17	BCL	mg/kg	1.8 UJ	1.9 UJ	--	--	--	--	--	--	--	--
	Palladium	EPA 6020			mg/kg	<0.053	<0.056	--	--	--	--	--	--	--	--
	Strontium	EPA 6010	422	RSL	mg/kg	130 J	220 J	--	--	--	--	--	--	--	--
	Tungsten	EPA 6010	37.6	BCL	mg/kg	5.5 UJ	5.3 UJ	--	--	--	--	--	--	--	--
	Zirconium	EPA 6010	4.79	RSL	mg/kg	19	20	--	--	--	--	--	--	--	--
VOCs	Acetone	EPA 8260	0.8	BCL	mg/kg	<0.0079	<0.0082	<0.0081	<0.0089	<0.0081	<0.0079	<0.0083	<0.010	<0.013	--
	t-Amyl methyl ether	EPA 8260			mg/kg	<0.00098	<0.0010	<0.0010	<0.0011	<0.0010	<0.00099	<0.0010	<0.0013	<0.0016	--
	Benzene	EPA 8260	0.002	BCL	mg/kg	<0.00049	<0.00052	<0.00051	<0.00055	<0.00051	<0.00049	<0.00052	<0.00063	<0.00081	--
	Bromobenzene	EPA 8260	0.0421	RSL	mg/kg	<0.00098	<0.0010	<0.0010	<0.0011	<0.0010	<0.00099	<0.0010	<0.0013	<0.0016	--
	Bromochloromethane	EPA 8260			mg/kg	<0.00098	<0.0010	<0.0010	<0.0011	<0.0010	<0.00099	<0.0010	<0.0013	<0.0016	--
	Bromodichloromethane	EPA 8260	0.03	BCL	mg/kg	<0.00049	<0.00052	<0.00051	<0.00055	<0.00051	<0.00049	<0.00052	<0.00063	<0.00081	--
	Bromoform	EPA 8260	0.04	BCL	mg/kg	<0.00098	<0.0010	<0.0010	<0.0011	<0.0010	<0.00099	<0.0010	<0.0013	<0.0016	--
	Bromomethane	EPA 8260	0.01	BCL	mg/kg	<0.00098	<0.0010	<0.0010	<0.0011	<0.0010	<0.00099	<0.0010	<0.0013	<0.0016	--
	2-Butanone	EPA 8260	1.16	RSL	mg/kg	<0.0049	<0.0052	<0.0051	<0.0055	<0.0051	<0.0049	<0.0052	<0.0063	<0.0081	--
	n-Butylbenzene	EPA 8260	3.23	RSL	mg/kg	<0.00098	<0.0010	<0.0010	<0.0011	<0.0010	<0.00099	<0.0010	<0.0013	<0.0016	--
	sec-Butylbenzene	EPA 8260	5.87	RSL	mg/kg	<0.00098	<0.0010	<0.0010	<0.0011	<0.0010	<0.00099	<0.0010	<0.0013	<0.0016	--
	Carbon tetrachloride	EPA 8260	0.003	BCL	mg/kg	<0.00049	<0.00052	<0.00051	<0.00055	<0.00051	<0.00049	<0.00052	<0.00063	<0.00081	--
	Chlorobenzene	EPA 8260	0.07	BCL	mg/kg	<0.00049	<0.00052	<0.00051	<0.00055	<0.00051	<0.00049	<0.00052	<0.00063	<0.00081	--
	Chloroethane	EPA 8260	5.92	RSL	mg/kg	<0.00098	<0.0010	<0.0010	<0.0011	<0.0010	<0.00099	<0.0010	<0.0013	<0.0016	--
	Chloroform	EPA 8260	0.03	BCL	mg/kg	<0.00049	<0.00052	<0.00051	<0.00055	<0.00051	<0.00049	0.00071 J	0.0046	0.013	--
	Chloromethane	EPA 8260	0.0486	RSL	mg/kg	<0.00098	<0.0010	<0.0010	<0.0011	<0.0010	<0.00099	<0.0010	<0.0013	<0.0016	--
	2-Chlorotoluene	EPA 8260	0.231	RSL	mg/kg	<0.00098	<0.0010	<0.0010	<0.0011	<0.0010	<0.00099	<0.0010	<0.0013	<0.0016	--
	4-Chlorotoluene	EPA 8260	0.241	RSL	mg/kg	<0.00098	<0.0010	<0.0010	<0.0011	<0.0010	<0.00099	<0.0010	<0.0013	<0.0016	--
	Cumene	EPA 8260	0.738	RSL	mg/kg	<0.00049	<0.00052	<0.00051	<0.00055	<0.00051	<0.00049	<0.00052	<0.00063	<0.00081	--
p-Cymene	EPA 8260	3.91	CAL	mg/kg	<0.00049	<0.00052	<0.00051	<0.00055	<0.00051	<0.00049	<0.00052	<0.00063	<0.00081	--	

**TABLE A-6a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 8**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	M-193									
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs	35-35.5 ft bgs	40-40.5 ft bgs
						M-193-0.5-20141204	M-193-5.0-20141204	M-193-10.0-20141204	M-193-15.0-20141204	M-193-20.0-20141204	M-193-20.0-20141204-FD	M-193-25.0-20141204	M-193-30.0-20141204	M-193-35.0-20141204	M-193-40.0-20141204
VOCs	Dibromochloromethane	EPA 8260	0.02	BCL	mg/kg	<0.00049	<0.00052	<0.00051	<0.00055	<0.00051	<0.00049	<0.00052	<0.00063	<0.00081	--
	1,2-Dibromoethane	EPA 8260	0.000141	RSL	mg/kg	<0.00049	<0.00052	<0.00051	<0.00055	<0.00051	<0.00049	<0.00052	<0.00063	<0.00081	--
	Dibromomethane	EPA 8260	0.00197	RSL	mg/kg	<0.00049	<0.00052	<0.00051	<0.00055	<0.00051	<0.00049	<0.00052	<0.00063	<0.00081	--
	1,2-Dichlorobenzene	EPA 8260	0.9	BCL	mg/kg	<0.00049	<0.00052	<0.00051	<0.00055	<0.00051	<0.00049	<0.00052	<0.00063	<0.00081	--
	1,3-Dichlorobenzene	EPA 8260	0.0473	CAL	mg/kg	<0.00049	<0.00052	<0.00051	<0.00055	<0.00051	<0.00049	<0.00052	<0.00063	<0.00081	--
	1,4-Dichlorobenzene	EPA 8260	0.1	BCL	mg/kg	<0.00049	<0.00052	<0.00051	<0.00055	<0.00051	<0.00049	<0.00052	<0.00063	<0.00081	--
	Dichlorodifluoromethane	EPA 8260	0.304	RSL	mg/kg	0.00098 UJ	0.0010 UJ	0.0010 UJ	0.0011 UJ	0.0010 UJ	0.00099 UJ	0.0010 UJ	0.0013 UJ	0.0016 UJ	--
	1,1-Dichloroethane	EPA 8260	1	BCL	mg/kg	<0.00049	<0.00052	<0.00051	<0.00055	<0.00051	<0.00049	<0.00052	<0.00063	<0.00081	--
	1,2-Dichloroethane	EPA 8260	0.001	BCL	mg/kg	<0.00049	<0.00052	<0.00051	<0.00055	<0.00051	<0.00049	<0.00052	<0.00063	<0.00081	--
	1,1-Dichloroethene	EPA 8260	0.003	BCL	mg/kg	<0.00049	<0.00052	<0.00051	<0.00055	<0.00051	<0.00049	<0.00052	<0.00063	<0.00081	--
	cis-1,2-Dichloroethene	EPA 8260	0.02	BCL	mg/kg	<0.00049	<0.00052	<0.00051	<0.00055	<0.00051	<0.00049	<0.00052	<0.00063	<0.00081	--
	trans-1,2-Dichloroethene	EPA 8260	0.03	BCL	mg/kg	<0.00049	<0.00052	<0.00051	<0.00055	<0.00051	<0.00049	<0.00052	<0.00063	<0.00081	--
	1,2-Dichloropropane	EPA 8260	0.001	BCL	mg/kg	<0.00049	<0.00052	<0.00051	<0.00055	<0.00051	<0.00049	<0.00052	<0.00063	<0.00081	--
	1,3-Dichloropropane	EPA 8260	0.001	BCL	mg/kg	<0.00049	<0.00052	<0.00051	<0.00055	<0.00051	<0.00049	<0.00052	<0.00063	<0.00081	--
	2,2-Dichloropropane	EPA 8260			mg/kg	<0.00098	<0.0010	<0.0010	<0.0011	<0.0010	<0.00099	<0.0010	<0.0013	<0.0016	--
	1,1-Dichloropropene	EPA 8260			mg/kg	<0.00049	<0.00052	<0.00051	<0.00055	<0.00051	<0.00049	<0.00052	<0.00063	<0.00081	--
	cis-1,3-Dichloropropene	EPA 8260			mg/kg	<0.00049	<0.00052	<0.00051	<0.00055	<0.00051	<0.00049	<0.00052	<0.00063	<0.00081	--
	trans-1,3-Dichloropropene	EPA 8260			mg/kg	<0.00049	<0.00052	<0.00051	<0.00055	<0.00051	<0.00049	<0.00052	<0.00063	<0.00081	--
	Diisopropyl ether	EPA 8260			mg/kg	<0.00098	<0.0010	<0.0010	<0.0011	<0.0010	<0.00099	<0.0010	<0.0013	<0.0016	--
	Ethyl benzene	EPA 8260	0.7	BCL	mg/kg	<0.00049	<0.00052	<0.00051	<0.00055	<0.00051	<0.00049	<0.00052	<0.00063	<0.00081	--
	Ethyl tert-butyl ether	EPA 8260			mg/kg	<0.00098	<0.0010	<0.0010	<0.0011	<0.0010	<0.00099	<0.0010	<0.0013	<0.0016	--
	Hexachlorobutadiene	EPA 8260	0.1	BCL	mg/kg	<0.00098	<0.0010	<0.0010	<0.0011	<0.0010	<0.00099	<0.0010	<0.0013	<0.0016	--
	2-Hexanone	EPA 8260			mg/kg	<0.0049	<0.0052	<0.0051	<0.0055	<0.0051	<0.0049	<0.0052	<0.0063	<0.0081	--
	Methyl tert-butyl ether	EPA 8260			mg/kg	<0.00098	<0.0010	<0.0010	<0.0011	<0.0010	<0.00099	<0.0010	<0.0013	<0.0016	--
	Methylene chloride	EPA 8260	0.001	BCL	mg/kg	<0.0049	<0.0052	<0.0051	<0.0055	<0.0051	<0.0049	<0.0052	<0.0063	<0.0081	--
	Naphthalene	EPA 8260	4	BCL	mg/kg	<0.00098	<0.0010	<0.0010	<0.0011	<0.0010	<0.00099	<0.0010	<0.0013	<0.0016	--
	n-Propylbenzene	EPA 8260	1.22	RSL	mg/kg	<0.00049	<0.00052	<0.00051	<0.00055	<0.00051	<0.00049	<0.00052	<0.00063	<0.00081	--
	Styrene	EPA 8260	0.2	BCL	mg/kg	<0.00049	<0.00052	<0.00051	<0.00055	<0.00051	<0.00049	<0.00052	<0.00063	<0.00081	--
	1,1,1,2-Tetrachloroethane	EPA 8260	0.000218	RSL	mg/kg	<0.00098	<0.0010	<0.0010	<0.0011	<0.0010	<0.00099	<0.0010	<0.0013	<0.0016	--
	1,1,2,2-Tetrachloroethane	EPA 8260	0.0002	BCL	mg/kg	<0.00098	<0.0010	<0.0010	<0.0011	<0.0010	<0.00099	<0.0010	<0.0013	<0.0016	--
	Tetrachloroethene	EPA 8260	0.003	BCL	mg/kg	<0.00049	<0.00052	<0.00051	<0.00055	<0.00051	<0.00049	<0.00052	<0.00063	<0.00081	--
	Toluene	EPA 8260	0.6	BCL	mg/kg	<0.00049	<0.00052	<0.00051	<0.00055	<0.00051	<0.00049	<0.00052	<0.00063	<0.00081	--
	1,2,3-Trichlorobenzene	EPA 8260	0.0209	RSL	mg/kg	<0.00098	<0.0010	<0.0010	<0.0011	<0.0010	<0.00099	<0.0010	<0.0013	<0.0016	--
	1,2,4-Trichlorobenzene	EPA 8260	0.3	BCL	mg/kg	<0.00098	<0.0010	<0.0010	<0.0011	<0.0010	<0.00099	<0.0010	<0.0013	<0.0016	--
	1,1,1-Trichloroethane	EPA 8260	0.1	BCL	mg/kg	<0.00049	<0.00052	<0.00051	<0.00055	<0.00051	<0.00049	<0.00052	<0.00063	<0.00081	--
	1,1,2-Trichloroethane	EPA 8260	0.0009	BCL	mg/kg	<0.00049	<0.00052	<0.00051	<0.00055	<0.00051	<0.00049	<0.00052	<0.00063	<0.00081	--
	Trichloroethene	EPA 8260	0.003	BCL	mg/kg	<0.00049	<0.00052	<0.00051	<0.00055	<0.00051	<0.00049	<0.00052	<0.00063	<0.00081	--
	Trichlorofluoromethane	EPA 8260	0.731	RSL	mg/kg	<0.00098	<0.0010	<0.0010	<0.0011	<0.0010	<0.00099	<0.0010	<0.0013	<0.0016	--
	1,2,3-Trichloropropane	EPA 8260	0.00000323	RSL	mg/kg	<0.00098	<0.0010	<0.0010	<0.0011	<0.0010	<0.00099	<0.0010	<0.0013	<0.0016	--
	1,2,4-Trimethylbenzene	EPA 8260	0.0212	RSL	mg/kg	<0.00098	<0.0010	<0.0010	<0.0011	<0.0010	<0.00099	<0.0010	<0.0013	<0.0016	--
1,3,5-Trimethylbenzene	EPA 8260	0.167	RSL	mg/kg	<0.00098	<0.0010	<0.0010	<0.0011	<0.0010	<0.00099	<0.0010	<0.0013	<0.0016	--	
Vinyl chloride	EPA 8260	0.0007	BCL	mg/kg	<0.00098	<0.0010	<0.0010	<0.0011	<0.0010	<0.00099	<0.0010	<0.0013	<0.0016	--	
m,p-Xylene	EPA 8260			mg/kg	<0.00098	<0.0010	<0.0010	<0.0011	<0.0010	<0.00099	<0.0010	<0.0013	<0.0016	--	
o-Xylene	EPA 8260	9	BCL	mg/kg	<0.00049	<0.00052	<0.00051	<0.00055	<0.00051	<0.00049	<0.00052	<0.00063	<0.00081	--	
1,2-Dibromo-3-chloropropane	EPA 8260	0.0000864	RSL	mg/kg	<0.0020	<0.0021	<0.0020	<0.0022	<0.0020	<0.0020	<0.0021	<0.0025	<0.0032	--	
4-Methyl-2-pentanone	EPA 8260			mg/kg	<0.0025	<0.0026	<0.0025	<0.0028	<0.0025	<0.0025	<0.0026	<0.0032	<0.0040	--	
tert Butyl alcohol	EPA 8260			mg/kg	<0.0098	<0.010	<0.010	<0.011	<0.010	<0.0099	<0.010	<0.013	<0.016	--	
tert-Butylbenzene	EPA 8260	1.55	RSL	mg/kg	<0.00098	<0.0010	<0.0010	<0.0011	<0.0010	<0.00099	<0.0010	<0.0013	<0.0016	--	

TABLE A-6a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 8  
 RI Data Evaluation  
 Nevada Environmental Response Trust Site; Henderson, Nevada

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	M-193											
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs	35-35.5 ft bgs	40-40.5 ft bgs		
						M-193-0.5-20141204	M-193-5.0-20141204	M-193-10.0-20141204	M-193-15.0-20141204	M-193-20.0-20141204	M-193-20.0-20141204-FD	M-193-25.0-20141204	M-193-30.0-20141204	M-193-35.0-20141204	M-193-40.0-20141204		
SVOCs	Acenaphthene	EPA 8270	29	BCL	mg/kg	<0.22	<0.072	--	--	--	--	--	--	--	--	--	--
	Acenaphthene	EPA 8270-SIM	29	BCL	mg/kg	<0.0044	<0.0042	--	--	--	--	--	--	--	--	--	--
	Aniline	EPA 8270	0.00456	RSL	mg/kg	<0.28	<0.091	--	--	--	--	--	--	--	--	--	--
	Anthracene	EPA 8270	590	BCL	mg/kg	<0.26	<0.086	--	--	--	--	--	--	--	--	--	--
	Anthracene	EPA 8270-SIM	590	BCL	mg/kg	<0.0044	<0.0042	--	--	--	--	--	--	--	--	--	--
	Benzidine	EPA 8270			mg/kg	2.1 UJ	0.71 UJ	--	--	--	--	--	--	--	--	--	--
	Benzo(k)fluoranthene	EPA 8270	2	BCL	mg/kg	<0.23	<0.075	--	--	--	--	--	--	--	--	--	--
	Benzo(k)fluoranthene	EPA 8270-SIM	2	BCL	mg/kg	<0.0044	<0.0042	--	--	--	--	--	--	--	--	--	--
	Benzoic acid	EPA 8270	20	BCL	mg/kg	<1.1 R	<0.36	--	--	--	--	--	--	--	--	--	--
	Benzyl alcohol	EPA 8270	0.476	RSL	mg/kg	<0.49	<0.16	--	--	--	--	--	--	--	--	--	--
	4-Bromophenyl-phenyl ether	EPA 8270			mg/kg	<0.24	<0.080	--	--	--	--	--	--	--	--	--	--
	Butylbenzylphthalate	EPA 8270	810	BCL	mg/kg	<0.26	<0.086	--	--	--	--	--	--	--	--	--	--
	4-Chloroaniline	EPA 8270	0.03	BCL	mg/kg	<0.43	<0.14	--	--	--	--	--	--	--	--	--	--
	2-Chloronaphthalene	EPA 8270	3.85	RSL	mg/kg	<0.22	<0.072	--	--	--	--	--	--	--	--	--	--
	2-Chlorophenol	EPA 8270	0.2	BCL	mg/kg	<0.23	<0.075	--	--	--	--	--	--	--	--	--	--
	4-Chlorophenyl-phenyl ether	EPA 8270			mg/kg	<0.28	<0.091	--	--	--	--	--	--	--	--	--	--
	Chrysene	EPA 8270	8	BCL	mg/kg	<0.24	<0.080	--	--	--	--	--	--	--	--	--	--
	Chrysene	EPA 8270-SIM	8	BCL	mg/kg	<0.0044	<0.0042	--	--	--	--	--	--	--	--	--	--
	Di-n-butylphthalate	EPA 8270	270	BCL	mg/kg	<0.29	<0.097	--	--	--	--	--	--	--	--	--	--
	Di-n-octylphthalate	EPA 8270	56.5	RSL	mg/kg	<0.29	<0.097	--	--	--	--	--	--	--	--	--	--
	Dibenz(a,h)anthracene	EPA 8270	0.08	BCL	mg/kg	<0.32	<0.11	--	--	--	--	--	--	--	--	--	--
	Dibenz(a,h)anthracene	EPA 8270-SIM	0.08	BCL	mg/kg	<0.0044	<0.0042	--	--	--	--	--	--	--	--	--	--
	Dibenzofuran	EPA 8270	0.145	RSL	mg/kg	<0.22	<0.072	--	--	--	--	--	--	--	--	--	--
	3,3'-Dichlorobenzidine	EPA 8270	0.0003	BCL	mg/kg	<0.49	<0.16	--	--	--	--	--	--	--	--	--	--
	2,4-Dichlorophenol	EPA 8270	0.05	BCL	mg/kg	<0.22	<0.072	--	--	--	--	--	--	--	--	--	--
	Diethylphthalate	EPA 8270	6.08	RSL	mg/kg	<0.31	<0.10	--	--	--	--	--	--	--	--	--	--
	2,4-Dimethylphenol	EPA 8270	0.4	BCL	mg/kg	<0.42	<0.14	--	--	--	--	--	--	--	--	--	--
	Dimethylphthalate	EPA 8270			mg/kg	<0.22	<0.072	--	--	--	--	--	--	--	--	--	--
	2,4-Dinitrophenol	EPA 8270	0.01	BCL	mg/kg	<1.1	<0.35	--	--	--	--	--	--	--	--	--	--
	2,4-Dinitrotoluene	EPA 8270	0.00004	BCL	mg/kg	<0.26	<0.086	--	--	--	--	--	--	--	--	--	--
	2,6-Dinitrotoluene	EPA 8270	0.00003	BCL	mg/kg	<0.31	<0.10	--	--	--	--	--	--	--	--	--	--
	Fluoranthene	EPA 8270	210	BCL	mg/kg	<0.23	<0.075	--	--	--	--	--	--	--	--	--	--
	Fluoranthene	EPA 8270-SIM	210	BCL	mg/kg	<0.0044	<0.0042	--	--	--	--	--	--	--	--	--	--
	Fluorene	EPA 8270	28	BCL	mg/kg	<0.23	<0.075	--	--	--	--	--	--	--	--	--	--
	Fluorene	EPA 8270-SIM	28	BCL	mg/kg	<0.0044	<0.0042	--	--	--	--	--	--	--	--	--	--
	Hexachlorobenzene	EPA 8270	0.1	BCL	mg/kg	<0.23	<0.075	--	--	--	--	--	--	--	--	--	--
	Hexachlorocyclopentadiene	EPA 8270	20	BCL	mg/kg	<0.43	<0.14	--	--	--	--	--	--	--	--	--	--
	Hexachloroethane	EPA 8270	0.02	BCL	mg/kg	<0.43	<0.14	--	--	--	--	--	--	--	--	--	--
	Isophorone	EPA 8270	0.03	BCL	mg/kg	<0.22	<0.072	--	--	--	--	--	--	--	--	--	--
	1-Methylnaphthalene	EPA 8270	0.00584	RSL	mg/kg	<0.49	<0.16	--	--	--	--	--	--	--	--	--	--
	2-Methylnaphthalene	EPA 8270	0.185	RSL	mg/kg	<0.23	<0.075	--	--	--	--	--	--	--	--	--	--
	2-Methylphenol	EPA 8270	0.8	BCL	mg/kg	<0.26	<0.086	--	--	--	--	--	--	--	--	--	--
	3&4-Methylphenol	EPA 8270			mg/kg	<0.43	<0.14	--	--	--	--	--	--	--	--	--	--
	Naphthalene	EPA 8270	4	BCL	mg/kg	<0.22	<0.072	--	--	--	--	--	--	--	--	--	--
	Naphthalene	EPA 8270-SIM	4	BCL	mg/kg	<0.0044	<0.0042	--	--	--	--	--	--	--	--	--	--
2-Nitroaniline	EPA 8270	0.0801	RSL	mg/kg	<0.22	<0.072	--	--	--	--	--	--	--	--	--	--	
3-Nitroaniline	EPA 8270			mg/kg	<0.43	<0.14	--	--	--	--	--	--	--	--	--	--	
4-Nitroaniline	EPA 8270	0.00158	RSL	mg/kg	<0.43	<0.14	--	--	--	--	--	--	--	--	--	--	
Nitrobenzene	EPA 8270	0.007	BCL	mg/kg	<0.23	<0.075	--	--	--	--	--	--	--	--	--	--	

**TABLE A-6a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 8**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	M-193											
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs	35-35.5 ft bgs	40-40.5 ft bgs		
						M-193-0.5-20141204	M-193-5.0-20141204	M-193-10.0-20141204	M-193-15.0-20141204	M-193-20.0-20141204	M-193-20.0-20141204-FD	M-193-25.0-20141204	M-193-30.0-20141204	M-193-35.0-20141204	M-193-40.0-20141204		
SVOCs	2-Nitrophenol	EPA 8270			mg/kg	<0.43	<0.14	--	--	--	--	--	--	--	--	--	--
	4-Nitrophenol	EPA 8270			mg/kg	<0.45	<0.15	--	--	--	--	--	--	--	--	--	--
	n-Nitrosodiphenylamine	EPA 8270	0.06	BCL	mg/kg	<0.26	<0.086	--	--	--	--	--	--	--	--	--	--
	Octachlorostyrene	EPA 8270			mg/kg	<7.5	<2.5	--	--	--	--	--	--	--	--	--	--
	Pentachlorophenol	EPA 8270	0.001	BCL	mg/kg	<1.1	<0.36	--	--	--	--	--	--	--	--	--	--
	Phenol	EPA 8270	5	BCL	mg/kg	<0.29	<0.097	--	--	--	--	--	--	--	--	--	--
	Pyrene	EPA 8270	210	BCL	mg/kg	<0.26	<0.086	--	--	--	--	--	--	--	--	--	--
	Pyrene	EPA 8270-SIM	210	BCL	mg/kg	<0.0044	<0.0042	--	--	--	--	--	--	--	--	--	--
	Pyridine	EPA 8270			mg/kg	<0.49	<0.16	--	--	--	--	--	--	--	--	--	--
	2,4,5-Trichlorophenol	EPA 8270	14	BCL	mg/kg	<0.42	<0.14	--	--	--	--	--	--	--	--	--	--
	2,4,6-Trichlorophenol	EPA 8270	0.008	BCL	mg/kg	<0.24	<0.080	--	--	--	--	--	--	--	--	--	--
	bis(2-Chloroethoxy)methane	EPA 8270	0.0135	RSL	mg/kg	<0.43	<0.14	--	--	--	--	--	--	--	--	--	--
	bis(2-Chloroethyl) ether	EPA 8270	0.00002	BCL	mg/kg	<0.23	<0.075	--	--	--	--	--	--	--	--	--	--
	bis(2-Ethylhexyl)phtalate	EPA 8270	180	BCL	mg/kg	<0.29	<0.097	--	--	--	--	--	--	--	--	--	--
4-Chloro-3-methylphenol	EPA 8270	1.71	RSL	mg/kg	<0.23	<0.075	--	--	--	--	--	--	--	--	--	--	
n-Nitroso-di-n-propylamine	EPA 8270	0.000002	BCL	mg/kg	<0.23	<0.075	--	--	--	--	--	--	--	--	--	--	
Organo-phosphorus Pesticides	Atrazine	EPA 8141A			mg/kg	0.013 UJ	<0.012	--	--	--	--	--	--	--	--	--	--
	Chlorpyrifos	EPA 8141A	0.124	RSL	mg/kg	0.0072 UJ	<0.0066	--	--	--	--	--	--	--	--	--	--
	Coumaphos	EPA 8141A			mg/kg	0.0031 UJ	<0.0029	--	--	--	--	--	--	--	--	--	--
	Dasanit	EPA 8141A			mg/kg	0.0090 UJ	<0.0083	--	--	--	--	--	--	--	--	--	--
	Demeton (O + S)	EPA 8141A			mg/kg	0.0083 UJ	<0.0077	--	--	--	--	--	--	--	--	--	--
	Demeton-O	EPA 8141A			mg/kg	0.0059 UJ	<0.0054	--	--	--	--	--	--	--	--	--	--
	Demeton-S	EPA 8141A			mg/kg	0.0054 UJ	<0.0050	--	--	--	--	--	--	--	--	--	--
	Diazinon	EPA 8141A	0.0648	RSL	mg/kg	0.0080 UJ	<0.0074	--	--	--	--	--	--	--	--	--	--
	Dibrom	EPA 8141A			mg/kg	0.025 UJ	<0.023	--	--	--	--	--	--	--	--	--	--
	Dichlorovos	EPA 8141A	0.0000811	RSL	mg/kg	0.0082 UJ	<0.0076	--	--	--	--	--	--	--	--	--	--
	Dimethoate	EPA 8141A	0.000899	RSL	mg/kg	0.0078 UJ	<0.0072	--	--	--	--	--	--	--	--	--	--
	Disulfoton	EPA 8141A	0.000939	RSL	mg/kg	0.0086 UJ	<0.0079	--	--	--	--	--	--	--	--	--	--
	Ethoprop nitrophenyl benzenethiophosphate	EPA 8141A	0.00277	RSL	mg/kg	0.0055 UJ	<0.0050	--	--	--	--	--	--	--	--	--	--
	Famphur	EPA 8141A			mg/kg	0.0036 UJ	<0.0033	--	--	--	--	--	--	--	--	--	--
	Fenthion	EPA 8141A			mg/kg	0.0097 UJ	<0.0089	--	--	--	--	--	--	--	--	--	--
	Guthion	EPA 8141A			mg/kg	0.0039 UJ	<0.0036	--	--	--	--	--	--	--	--	--	--
	Malathion	EPA 8141A	0.102	RSL	mg/kg	0.0051 UJ	<0.0047	--	--	--	--	--	--	--	--	--	--
	Merphos	EPA 8141A	0.059	RSL	mg/kg	0.0057 UJ	<0.0053	--	--	--	--	--	--	--	--	--	--
	Methyl parathion	EPA 8141A	7.41	RSL	µg/kg	7.1 UJ	<6.5	--	--	--	--	--	--	--	--	--	--
	Mevinphos	EPA 8141A			mg/kg	0.0051 UJ	<0.0047	--	--	--	--	--	--	--	--	--	--
	Parathion	EPA 8141A	432	RSL	µg/kg	5.9 UJ	<5.4	--	--	--	--	--	--	--	--	--	--
	Phorate	EPA 8141A	0.00338	RSL	mg/kg	0.0063 UJ	<0.0058	--	--	--	--	--	--	--	--	--	--
Prothiophos	EPA 8141A			mg/kg	0.0043 UJ	<0.0040	--	--	--	--	--	--	--	--	--	--	
Ronnel	EPA 8141A	3.7	RSL	mg/kg	0.017 UJ	<0.016	--	--	--	--	--	--	--	--	--	--	
Simazine	EPA 8141A			mg/kg	0.024 UJ	<0.023	--	--	--	--	--	--	--	--	--	--	
Stirophos	EPA 8141A			mg/kg	0.0048 UJ	<0.0045	--	--	--	--	--	--	--	--	--	--	
Sulfotepp	EPA 8141A			mg/kg	0.0069 UJ	<0.0064	--	--	--	--	--	--	--	--	--	--	
Sulprofos	EPA 8141A			mg/kg	0.0047 UJ	<0.0043	--	--	--	--	--	--	--	--	--	--	
Thionazin	EPA 8141A			mg/kg	0.0062 UJ	<0.0057	--	--	--	--	--	--	--	--	--	--	

TABLE A-6a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 8  
RI Data Evaluation  
Nevada Environmental Response Trust Site; Henderson, Nevada

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	M-193									
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs	35-35.5 ft bgs	40-40.5 ft bgs
						M-193-0.5-20141204	M-193-5.0-20141204	M-193-10.0-20141204	M-193-15.0-20141204	M-193-20.0-20141204	M-193-20.0-20141204-FD	M-193-25.0-20141204	M-193-30.0-20141204	M-193-35.0-20141204	M-193-40.0-20141204
Organo-phosphorus Pesticides	o-Ethyl o-2,4,5-trichlorophenyl ethyl-phosphonothioate	EPA 8141A			mg/kg	0.0069 UJ	<0.0064	--	--	--	--	--	--	--	--
Organo-chlorine Pesticides	Aldrin	EPA 8081	0.02	BCL	mg/kg	<0.0050	<0.0016	--	--	--	--	--	--	--	--
	alpha-BHC	EPA 8081	0.0266	BCL	mg/kg	<0.0050	<0.0016	--	--	--	--	--	--	--	--
	beta-BHC	EPA 8081	0.00545	BCL	mg/kg	<0.0050	<0.0016	--	--	--	--	--	--	--	--
	delta-BHC	EPA 8081	28.1	BCL	mg/kg	<0.0050	<0.0016	--	--	--	--	--	--	--	--
	gamma-BHC	EPA 8081	0.0005	BCL	mg/kg	<0.0050	<0.0016	--	--	--	--	--	--	--	--
	alpha-Chlordane	EPA 8081			mg/kg	<0.0066	<0.0022	--	--	--	--	--	--	--	--
	gamma-Chlordane	EPA 8081			mg/kg	<0.0050	<0.0016	--	--	--	--	--	--	--	--
	4,4'-DDD	EPA 8081	0.8	BCL	mg/kg	<0.0050	<0.0016	--	--	--	--	--	--	--	--
	2,4'-DDE	EPA 8081			mg/kg	<0.0050	<0.0016	--	--	--	--	--	--	--	--
	4,4'-DDE	EPA 8081	3	BCL	mg/kg	<0.0050	<0.0016	--	--	--	--	--	--	--	--
	4,4'-DDT	EPA 8081	2	BCL	mg/kg	<0.0050	<0.0016	--	--	--	--	--	--	--	--
	Dieldrin	EPA 8081	0.0002	BCL	mg/kg	<0.0050	<0.0016	--	--	--	--	--	--	--	--
	Endosulfan I	EPA 8081			mg/kg	<0.0050	<0.0016	--	--	--	--	--	--	--	--
	Endosulfan II	EPA 8081			mg/kg	<0.0050	<0.0016	--	--	--	--	--	--	--	--
	Endosulfan sulfate	EPA 8081			mg/kg	<0.0066	<0.0022	--	--	--	--	--	--	--	--
	Endrin	EPA 8081	0.05	BCL	mg/kg	<0.0050	<0.0016	--	--	--	--	--	--	--	--
	Endrin aldehyde	EPA 8081			mg/kg	<0.0050	<0.0016	--	--	--	--	--	--	--	--
Endrin ketone	EPA 8081			mg/kg	<0.0066	<0.0022	--	--	--	--	--	--	--	--	
Heptachlor	EPA 8081	1	BCL	mg/kg	<0.0066	<0.0022	--	--	--	--	--	--	--	--	
Heptachlor epoxide	EPA 8081	0.03	BCL	mg/kg	<0.0066	<0.0022	--	--	--	--	--	--	--	--	
Methoxychlor	EPA 8081	8	BCL	mg/kg	<0.0050	<0.0016	--	--	--	--	--	--	--	--	
Toxaphene	EPA 8081	2	BCL	mg/kg	<0.17	<0.054	--	--	--	--	--	--	--	--	
PAHs	Acenaphthylene	EPA 8270	0.0106	CAL	mg/kg	<0.23	<0.075	--	--	--	--	--	--	--	--
	Acenaphthylene	EPA 8270-SIM	0.0106	CAL	mg/kg	<0.0044	<0.0042	--	--	--	--	--	--	--	--
	Benzo(a)anthracene	EPA 8270	0.08	BCL	mg/kg	<0.23	<0.075	--	--	--	--	--	--	--	--
	Benzo(a)anthracene	EPA 8270-SIM	0.08	BCL	mg/kg	<0.0044	<0.0042	--	--	--	--	--	--	--	--
	Benzo(a)pyrene	EPA 8270	0.4	BCL	mg/kg	<0.22	<0.072	--	--	--	--	--	--	--	--
	Benzo(a)pyrene	EPA 8270-SIM	0.4	BCL	mg/kg	<0.0044	<0.0042	--	--	--	--	--	--	--	--
	Benzo(b)fluoranthene	EPA 8270	0.2	BCL	mg/kg	<0.23	<0.075	--	--	--	--	--	--	--	--
	Benzo(b)fluoranthene	EPA 8270-SIM	0.2	BCL	mg/kg	<0.0044	<0.0042	--	--	--	--	--	--	--	--
	Benzo(g,h,i)perylene	EPA 8270			mg/kg	<0.36	<0.12	--	--	--	--	--	--	--	--
	Benzo(g,h,i)perylene	EPA 8270-SIM			mg/kg	<0.0044	<0.0042	--	--	--	--	--	--	--	--
	Indeno(1,2,3-cd)pyrene	EPA 8270	0.7	BCL	mg/kg	<0.42	<0.14	--	--	--	--	--	--	--	--
	Indeno(1,2,3-cd)pyrene	EPA 8270-SIM	0.7	BCL	mg/kg	<0.0044	<0.0042	--	--	--	--	--	--	--	--
Phenanthrene	EPA 8270	0.0243	CAL	mg/kg	<0.22	<0.072	--	--	--	--	--	--	--	--	
Phenanthrene	EPA 8270-SIM	0.0243	CAL	mg/kg	<0.0044	<0.0042	--	--	--	--	--	--	--	--	
PCBs	Aroclor-1260	EPA 8082	0.00549	RSL	mg/kg	<0.056	<0.018	--	--	--	--	--	--	--	--
	PCB-001	EPA 1668A			pg/g	0.26 J	<0.33	--	--	--	--	--	--	--	--
	PCB-002	EPA 1668A			pg/g	<0.18	<0.31	--	--	--	--	--	--	--	--
	PCB-003	EPA 1668A			pg/g	0.37 J	<0.29	--	--	--	--	--	--	--	--
	PCB-004	EPA 1668A			pg/g	<4.0	<7.0	--	--	--	--	--	--	--	--
	PCB-005	EPA 1668A			pg/g	<4.1	<3.3	--	--	--	--	--	--	--	--
	PCB-006	EPA 1668A			pg/g	<4.1	<3.3	--	--	--	--	--	--	--	--
	PCB-007	EPA 1668A			pg/g	<4.0	<3.2	--	--	--	--	--	--	--	--
	PCB-008	EPA 1668A			pg/g	<3.9	<3.1	--	--	--	--	--	--	--	--
	PCB-009	EPA 1668A			pg/g	<4.5	<3.6	--	--	--	--	--	--	--	--
PCB-010	EPA 1668A			pg/g	<2.8	<4.6	--	--	--	--	--	--	--	--	



**TABLE A-6a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 8**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	M-193																																		
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs	35-35.5 ft bgs	40-40.5 ft bgs																									
						M-193-0.5-20141204	M-193-5.0-20141204	M-193-10.0-20141204	M-193-15.0-20141204	M-193-20.0-20141204	M-193-20.0-20141204-FD	M-193-25.0-20141204	M-193-30.0-20141204	M-193-35.0-20141204	M-193-40.0-20141204																									
PCBs	PCB-092	EPA 1668A			pg/g	0.56 J	<0.24		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--				
	PCB-094	EPA 1668A			pg/g	<0.42	<0.24		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--			
	PCB-095	EPA 1668A			pg/g	5.9 J	0.46 J		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--			
	PCB-096	EPA 1668A			pg/g	<0.12	<0.17		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
	PCB-099	EPA 1668A			pg/g	<0.36	<0.21		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
	PCB-103	EPA 1668A			pg/g	<0.37	<0.22		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
	PCB-104	EPA 1668A			pg/g	0.19 J	<0.14		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
	PCB-105	EPA 1668A			pg/g	0.60 J	0.35 J		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
	PCB-106	EPA 1668A			pg/g	<0.33	<0.19		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
	PCB-109	EPA 1668A			pg/g	<0.30	<0.17		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
	PCB-111	EPA 1668A			pg/g	<0.28	<0.16		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
	PCB-112	EPA 1668A			pg/g	<0.29	<0.17		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
	PCB-114	EPA 1668A			pg/g	<0.34	<0.20		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
	PCB-118	EPA 1668A		1,010	RSL	pg/g	1.2 J	0.32 J		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
	PCB-120	EPA 1668A				pg/g	<0.29	<0.17		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	PCB-121	EPA 1668A				pg/g	<0.28	<0.16		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	PCB-122	EPA 1668A				pg/g	<0.34	<0.20		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	PCB-123	EPA 1668A				pg/g	<0.32	<0.19		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	PCB-126	EPA 1668A		0.303	RSL	pg/g	<0.43	<0.25		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
	PCB-127	EPA 1668A				pg/g	<0.32	<0.19		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	PCB-130	EPA 1668A				pg/g	0.91 J	<0.29		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	PCB-131	EPA 1668A				pg/g	<0.35	<0.28		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	PCB-132	EPA 1668A				pg/g	4.8 J	<0.26		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	PCB-133	EPA 1668A				pg/g	<0.33	<0.26		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	PCB-136	EPA 1668A				pg/g	1.8 J	<0.18		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	PCB-137	EPA 1668A				pg/g	0.33 J	<0.23		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	PCB-141	EPA 1668A				pg/g	1.7 J	<0.25		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	PCB-142	EPA 1668A				pg/g	<0.32	<0.25		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-144	EPA 1668A				pg/g	0.76 J	<0.24		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-145	EPA 1668A				pg/g	<0.22	<0.17		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-146	EPA 1668A				pg/g	1.7 J	<0.23		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-148	EPA 1668A				pg/g	<0.30	<0.23		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-150	EPA 1668A				pg/g	<0.20	<0.16		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-152	EPA 1668A				pg/g	<0.22	<0.17		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-154	EPA 1668A				pg/g	<0.26	<0.20		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-155	EPA 1668A				pg/g	<0.18	<0.15		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
PCB-158	EPA 1668A				pg/g	1.4 J	<0.17		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
PCB-159	EPA 1668A				pg/g	<0.22	<0.19		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
PCB-160	EPA 1668A				pg/g	<0.26	<0.20		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
PCB-161	EPA 1668A				pg/g	<0.23	<0.18		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
PCB-162	EPA 1668A				pg/g	<0.20	<0.18		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
PCB-164	EPA 1668A				pg/g	1.1 J	<0.19		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
PCB-165	EPA 1668A				pg/g	<0.27	<0.21		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
PCB-167	EPA 1668A				pg/g	0.36 J	<0.17		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
PCB-169	EPA 1668A		1.65	RSL	pg/g	<0.27	<0.24		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
PCB-170	EPA 1668A				pg/g	6.1 J	<0.17		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
PCB-172	EPA 1668A				pg/g	1.4 J	<0.16		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
PCB-174	EPA 1668A				pg/g	8.0 J	<0.17		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
PCB-175	EPA 1668A				pg/g	0.36 J	<0.25		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	

TABLE A-6a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 8  
RI Data Evaluation  
Nevada Environmental Response Trust Site; Henderson, Nevada

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	M-193																
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs	35-35.5 ft bgs	40-40.5 ft bgs							
						M-193-0.5-20141204	M-193-5.0-20141204	M-193-10.0-20141204	M-193-15.0-20141204	M-193-20.0-20141204	M-193-20.0-20141204-FD	M-193-25.0-20141204	M-193-30.0-20141204	M-193-35.0-20141204	M-193-40.0-20141204							
PCBs	PCB-176	EPA 1668A			pg/g	0.81 J	<0.18	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-177	EPA 1668A			pg/g	4.0 J	<0.17	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-178	EPA 1668A			pg/g	1.6 J	<0.26	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-179	EPA 1668A			pg/g	3.4 J	<0.19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-181	EPA 1668A			pg/g	<0.18	<0.15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-182	EPA 1668A			pg/g	<0.25	<0.23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-183	EPA 1668A			pg/g	4.4 J	<0.12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-184	EPA 1668A			pg/g	<0.21	<0.19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-185	EPA 1668A			pg/g	1.2 J	<0.17	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-186	EPA 1668A			pg/g	<0.20	<0.19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-187	EPA 1668A			pg/g	11 J	<0.24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-188	EPA 1668A			pg/g	0.37 J	<0.18	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-189	EPA 1668A			pg/g	<0.35	<0.24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-190	EPA 1668A			pg/g	1.2 J	<0.12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-191	EPA 1668A			pg/g	0.20 J	<0.12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-192	EPA 1668A			pg/g	<0.15	<0.13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-194	EPA 1668A			pg/g	6.5 J	<0.20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-195	EPA 1668A			pg/g	1.1 J	<0.17	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-196	EPA 1668A			pg/g	3.8 J	<0.18	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-197	EPA 1668A			pg/g	0.57 J	<0.11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-200	EPA 1668A			pg/g	1.5 J	<0.15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-201	EPA 1668A			pg/g	2.0 J	<0.13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-202	EPA 1668A			pg/g	3.7 J	0.16 J	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-203	EPA 1668A			pg/g	7.7 J	<0.17	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-204	EPA 1668A			pg/g	0.34 J	<0.13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-205	EPA 1668A			pg/g	0.52 J	<0.18	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-206	EPA 1668A			pg/g	24	<0.20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-207	EPA 1668A			pg/g	5.5 J	<0.14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-208	EPA 1668A			pg/g	7.4 J	<0.16	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-209	EPA 1668A			pg/g	90	5.6 J	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	PCBs 107+124	EPA 1668A			pg/g	<0.31	<0.18	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	PCBs 110+115	EPA 1668A			pg/g	8.0 J	0.35 J	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	PCBs 12+13	EPA 1668A			pg/g	<4.4	<3.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	PCBs 128+166	EPA 1668A			pg/g	2.1 J	<0.22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	PCBs 129+138+163	EPA 1668A			pg/g	11 J	0.35 J	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	PCBs 134+143	EPA 1668A			pg/g	0.56 J	<0.27	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	PCBs 135+151	EPA 1668A			pg/g	5.7 J	<0.24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	PCBs 139+140	EPA 1668A			pg/g	<0.29	<0.23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	PCBs 147+149	EPA 1668A			pg/g	13 J	0.24 J	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	PCBs 153+168	EPA 1668A			pg/g	5.9 J	0.22 J	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	PCBs 156+157	EPA 1668A			pg/g	0.92 J	0.39 J	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	PCBs 171+173	EPA 1668A			pg/g	2.4 J	<0.17	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	PCBs 18+30	EPA 1668A			pg/g	<0.31	<0.36	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	PCBs 180+193	EPA 1668A			pg/g	16 J	<0.13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	PCBs 198+199	EPA 1668A			pg/g	14 J	<0.19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	PCBs 20+28	EPA 1668A			pg/g	<0.37	<0.39	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	PCBs 21+33	EPA 1668A			pg/g	<0.32	<0.34	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	PCBs 26+29	EPA 1668A			pg/g	<0.35	<0.37	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	PCBs 40+71	EPA 1668A			pg/g	<0.19	<0.19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--



**TABLE A-6a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 8**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	M-193										
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs	35-35.5 ft bgs	40-40.5 ft bgs	
						M-193-0.5-20141204	M-193-5.0-20141204	M-193-10.0-20141204	M-193-15.0-20141204	M-193-20.0-20141204	M-193-20.0-20141204-FD	M-193-25.0-20141204	M-193-30.0-20141204	M-193-35.0-20141204	M-193-40.0-20141204	
PCBs	PCBs 44+47+65	EPA 1668A			pg/g	1.0 J	0.78 J	--	--	--	--	--	--	--	--	--
	PCBs 49+69	EPA 1668A			pg/g	<0.16	<0.16	--	--	--	--	--	--	--	--	--
	PCBs 50+53	EPA 1668A			pg/g	<0.18	<0.18	--	--	--	--	--	--	--	--	--
	PCBs 59+62+75	EPA 1668A			pg/g	<0.15	<0.14	--	--	--	--	--	--	--	--	--
	PCBs 61+70+74+76	EPA 1668A			pg/g	<0.32	<0.23	--	--	--	--	--	--	--	--	--
	PCBs 85+116+117	EPA 1668A			pg/g	<0.33	<0.19	--	--	--	--	--	--	--	--	--
	PCBs 86+87+97+108+119+125	EPA 1668A			pg/g	1.2 J	<0.20	--	--	--	--	--	--	--	--	--
	PCBs 88+91	EPA 1668A			pg/g	0.84 J	<0.23	--	--	--	--	--	--	--	--	--
	PCBs 90+101+113	EPA 1668A			pg/g	1.5 J	0.39 J	--	--	--	--	--	--	--	--	--
	PCBs 93+100	EPA 1668A			pg/g	<0.40	<0.23	--	--	--	--	--	--	--	--	--
PCBs 98+102	EPA 1668A			pg/g	<0.36	<0.21	--	--	--	--	--	--	--	--	--	
Dioxins/Furans	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	EPA 8290			pg/g	0.41 J	<0.10	--	--	--	--	--	--	--	--	--
	1,2,3,4,6,7,8-Heptachlorodibenzofuran	EPA 8290			pg/g	3.3 J	<0.11	--	--	--	--	--	--	--	--	--
	1,2,3,4,7,8,9-Heptachlorodibenzofuran	EPA 8290			pg/g	1.4 J	<0.14	--	--	--	--	--	--	--	--	--
	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	EPA 8290			pg/g	<0.12	<0.087	--	--	--	--	--	--	--	--	--
	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	EPA 8290			pg/g	<0.096	<0.071	--	--	--	--	--	--	--	--	--
	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	EPA 8290			pg/g	<0.091	<0.068	--	--	--	--	--	--	--	--	--
	1,2,3,4,7,8-Hexachlorodibenzofuran	EPA 8290			pg/g	1.5 J	<0.065	--	--	--	--	--	--	--	--	--
	1,2,3,6,7,8-Hexachlorodibenzofuran	EPA 8290			pg/g	1.2 J	0.052 UJ	--	--	--	--	--	--	--	--	--
	1,2,3,7,8,9-Hexachlorodibenzofuran	EPA 8290			pg/g	<0.21	<0.063	--	--	--	--	--	--	--	--	--
	2,3,4,6,7,8-Hexachlorodibenzofuran	EPA 8290			pg/g	0.46 J	<0.059	--	--	--	--	--	--	--	--	--
	HpCDD (total)	EPA 8290			pg/g	0.76 J	<0.10	--	--	--	--	--	--	--	--	--
	HpCDF (total)	EPA 8290			pg/g	6.6	<0.14	--	--	--	--	--	--	--	--	--
	HxCDD (total)	EPA 8290			pg/g	0.22 J	<0.087	--	--	--	--	--	--	--	--	--
	HxCDF (total)	EPA 8290			pg/g	4.6 J	0.065 UJ	--	--	--	--	--	--	--	--	--
	1,2,3,4,5,6,7,8-Octachlorodibenzo-p-dioxin	EPA 8290			pg/g	1.6 J	0.58 J	--	--	--	--	--	--	--	--	--
	1,2,3,4,5,6,7,8-Octachlorodibenzofuran	EPA 8290			pg/g	19	0.44 J	--	--	--	--	--	--	--	--	--
	PeCDD (total)	EPA 8290			pg/g	<0.14	<0.12	--	--	--	--	--	--	--	--	--
	PeCDF (total)	EPA 8290			pg/g	4.1 J	<0.076	--	--	--	--	--	--	--	--	--
	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	EPA 8290			pg/g	<0.14	<0.12	--	--	--	--	--	--	--	--	--
	1,2,3,7,8-Pentachlorodibenzofuran	EPA 8290			pg/g	0.81 J	<0.074	--	--	--	--	--	--	--	--	--
	2,3,4,7,8-Pentachlorodibenzofuran	EPA 8290			pg/g	0.31 J	<0.076	--	--	--	--	--	--	--	--	--
	TCDD (total)	EPA 8290			pg/g	0.25 J	<0.045	--	--	--	--	--	--	--	--	--
	TCDF (total)	EPA 8290			pg/g	3.3	<0.029	--	--	--	--	--	--	--	--	--
2,3,7,8-Tetrachlorodibenzo-p-dioxin	EPA 8290		15 RSL	pg/g	<0.053	<0.045	--	--	--	--	--	--	--	--	--	

**TABLE A-6a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 8**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	M-193										
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs	35-35.5 ft bgs	40-40.5 ft bgs	
						M-193-0.5-20141204	M-193-5.0-20141204	M-193-10.0-20141204	M-193-15.0-20141204	M-193-20.0-20141204	M-193-20.0-20141204-FD	M-193-25.0-20141204	M-193-30.0-20141204	M-193-35.0-20141204	M-193-40.0-20141204	
Dioxins/Furans	2,3,7,8-Tetrachlorodibenzofuran	EPA 8290			pg/g	0.86 J	<0.029	--	--	--	--	--	--	--	--	--
	Total PCB TEQs (calculated by TAS)	EPA 8280A			pg/g	0.026	0.017	--	--	--	--	--	--	--	--	--
	Total TEQ (Calculated)	EPA 8280A			pg/g	0.70	0.12	--	--	--	--	--	--	--	--	--
Organic Acids	Phthalic acid	EPA 8270			µg/kg	<4,100	<1,300	--	--	--	--	--	--	--	--	--
Radionuclides	Radium-226	EPA 903.0	0.006	BCL	pCi/g	1.05	1.11	--	--	--	--	--	--	--	--	--
	Radium-228	EPA 904.0	0.006	BCL	pCi/g	1.43	1.07	--	--	--	--	--	--	--	--	--
	Thorium-228	DOE A-01-R	0.0027	BCL	pCi/g	1.55	1.54	--	--	--	--	--	--	--	--	--
	Thorium-230	DOE A-01-R	0.001	BCL	pCi/g	0.870 J	1.11	--	--	--	--	--	--	--	--	--
	Thorium-232	DOE A-01-R	0.0035	BCL	pCi/g	1.52	1.56	--	--	--	--	--	--	--	--	--
	Uranium-233/234	DOE A-01-R			pCi/g	0.964	0.761	--	--	--	--	--	--	--	--	--
	Uranium-235/236	DOE A-01-R			pCi/g	<0.0676	0.105	--	--	--	--	--	--	--	--	--
	Uranium-238	DOE A-01-R			pCi/g	1.00	0.873	--	--	--	--	--	--	--	--	--
	Uranium-238	EPA 6020	13.5	BCL	mg/kg	0.91	1.3	--	--	--	--	--	--	--	--	
Total Petroleum Hydrocarbons	Diesel Range Organics (C10-C28)	EPA 8015			mg/kg	4.3 J	<2.7	--	--	--	--	--	--	--	--	--
	EFH (C10-C40)	EPA 8015			mg/kg	8.4	<2.7	--	--	--	--	--	--	--	--	--
	Gasoline Range Organics (C6-C10)	EPA 8015			µg/kg	<150	<150	--	--	--	--	--	--	--	--	--
	Petroleum Hydrocarbons (C29-C40)	EPA 8015			mg/kg	4.6 J	<2.7	--	--	--	--	--	--	--	--	--
General Chemistry	Alkalinity (as CaCO3)	SM 2320			mg/kg	27,000	24,000	28,000	26,000	51,000	52,000	44,000	62,000	6,500	42,000	
	Ammonia (as NH3)	SM 4500			mg/kg	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<3.0	<4.0	<2.5	
	Bicarbonate as HCO3	SM 2320			mg/kg	31,000	27,000	32,000	30,000	61,000	62,000	52,000	75,000	7,000	51,000	
	Bromide	EPA 300			mg/kg	<3.9	<3.8	<3.9	<3.8	<3.8	<3.8	<3.8	<4.4	<5.8	<3.7	
	Carbonate (CO3)	SM 2320			mg/kg	1,300	1,300	1,300	960	640	640	960	370	490	<310	
	Chloride	EPA 300			mg/kg	28	4.4 J	7.4	7.3	12	17	21	160	94	13	
	Hydroxide	SM 2320			mg/kg	<190	<180	<180	<180	<180	<180	<180	<210	<280	<180	
	Nitrate	EPA 300	7	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	
	Nitrate (as NO3)	EPA 300			mg/kg	5.2 J	6.4	6.4	6.2	6.8	6.7	8.4	24	17	6.6	
	Nitrate/Nitrite	EPA 300			mg/kg	1.2 J	1.4 J	1.4 J	1.4 J	1.5 J	1.5 J	1.9	5.4	3.8	1.5 J	
	Nitrite	EPA 300			mg/kg	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.4	<1.8	<1.2	
	ortho-Phosphate (total) (as PO4)	EPA 300			mg/kg	4.4 UJ	<4.3	<4.4	<4.3	<4.3	<4.3	<4.3	<5.0	<6.6	<4.2	
	Phosphorus (total)	EPA 6010	0.00148	RSL	mg/kg	1,400	1,100	1,000	1,300	1,100	1,200	1,200	520	670	1,400	
	Silicon	EPA 6010			mg/kg	290 J	120 J	120 J	140 J	120 J	120 J	130 J	170 J	230 J	130 J	
	Sulfate	EPA 300			mg/kg	5,900 J	55	110	69	92	90	110	2,400	1,300	280	
Sulfur	EPA 6020			mg/kg	<440	420 UJ	<410	410 J	<370	<380	670 J	1,100 J	<590	1,800 J		
pH	EPA 9045			s.u.	10.6	8.99	8.88	8.87	8.83	9.00	8.79	8.17	7.92	8.59		

**Notes:**

ft bgs: feet below ground surface

FD: Field Duplicate

Above Screening Level

bold value: detection

Soil screening levels were selected according to the following hierarchy of criteria:

1. Basic Comparison Level (BCL): Leaching-based basic comparison levels (LBCL) with dilution attenuation factor (DAF) of 1 in the most recent version of Nevada Division of

**Sources:**

NDEP, 2015. User's Guide and Background Technical Document for NDEP Basic

Comparison Levels (BCLs) for Human Health for the BMI Complex and

Common Areas. Revision 13, February.

USEPA, 2015. Regional Screening Levels (RSL) for Chemical Contaminants at Superfund

Sites. June.

**TABLE A-6a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 8**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	M-193									
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs	35-35.5 ft bgs	40-40.5 ft bgs
						M-193-0.5-20141204	M-193-5.0-20141204	M-193-10.0-20141204	M-193-15.0-20141204	M-193-20.0-20141204	M-193-20.0-20141204-FD	M-193-25.0-20141204	M-193-30.0-20141204	M-193-35.0-20141204	M-193-40.0-20141204

Environmental Protection (NDEP) documents (February 2015).

2. Regional Screening Level (RSL): United States Environmental Protection Agency (USEPA) Regional Screening Levels (RSL) for groundwater protection (June 2015), with the maximum contaminant level (MCL) based screening levels selected over the risk-based screening levels, if available (USEPA 2015)
3. Calculated Criteria (CAL): Generic leaching-based BCLs (LBCLs) calculated using the approach presented in NDEP guidance (NDEP 2015).

**TABLE A-6a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 8**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-58									
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs	35-35.5 ft bgs	40-40.5 ft bgs
						RISB-58-0.5-20141112	RISB-58-5.0-20141113	RISB-58-5.0-20141113-FD	RISB-58-10.0-20141113	RISB-58-15.0-20141113	RISB-58-20.0-20141113	RISB-58-25.0-20141113	RISB-58-30.0-20141113	RISB-58-35.0-20141113	RISB-58-40.0-20141113
Chlorates	Chlorate	EPA 300.1	1.03	BCL	mg/kg	<0.055	0.055 UJ	0.15 J	<0.056	<0.055	<0.055	<0.055	<0.053	<0.055	<0.058
	Perchlorate	EPA 314.0	0.0185	BCL	mg/kg	0.039 J	0.010 UJ	0.62 J	0.010 UJ	0.011 UJ	<0.010	0.010 UJ	0.010 UJ	0.010 UJ	0.043 J
Common Metals	Aluminum	EPA 6010	75	BCL	mg/kg	6,000	9,700	8,500	11,000	11,000	11,000	11,000	8,500	7,000	10,000
	Antimony	EPA 6020	0.3	BCL	mg/kg	0.54 UJ	0.54 UJ	0.53 UJ	0.55 UJ	0.55 UJ	0.53 UJ	0.55 UJ	0.52 UJ	0.55 UJ	0.58 UJ
	Arsenic	EPA 6020	1	BCL	mg/kg	2.7	3.0	2.3	2.7	2.6	4.3	3.4	3.7	20	29
	Barium	EPA 6010	82	BCL	mg/kg	140 J	180 J	160 J	160 J	180 J	160 J	120 J	130 J	86 J	190 J
	Boron	EPA 6010	21.4	BCL	mg/kg	<13	3.6 J	3.1 J	3.3 J	4.3 J	3.7 J	5.2 J	3.6 J	7.3	16
	Cadmium	EPA 6010	0.4	BCL	mg/kg	<1.3	<0.28	<0.26	<0.28	<0.27	<0.27	<0.28	<0.26	<0.27	<0.29
	Chromium (total)	EPA 6010	180,000	RSL	mg/kg	9.5	12	10	12	13	17	18	13	12	29
	Cobalt	EPA 6010	0.453	BCL	mg/kg	51	7.0	8.8	8.2	7.9	7.7	6.9	7.6	4.3	4.4
	Copper	EPA 6010	45.8	BCL	mg/kg	15	17	15	20	20	21	19	19	14	16
	Iron	EPA 6010	7.56	BCL	mg/kg	11,000	15,000	12,000	17,000	16,000	16,000	16,000	15,000	11,000	11,000
	Lead	EPA 6010	13.5	RSL	mg/kg	<5.4	8.5	7.0	7.9	8.1	8.2	8.6	7.4	6.3	6.0
	Magnesium	EPA 6010	889	BCL	mg/kg	5,700 J	9,700	7,200	11,000	11,000	11,000	13,000	9,900	9,900	25,000
	Manganese	EPA 6010	1.3	BCL	mg/kg	12,000 J	360 J	1,600 J	760	370	410	330	340	440	280
	Mercury	EPA 7471	0.104	BCL	mg/kg	0.018 J	0.11 J	0.015 J	0.026	0.030	0.033	0.046	0.030 J	0.056	0.040
	Molybdenum	EPA 6010	3.37	BCL	mg/kg	<5.4	<1.1	<1.1	<1.1	<1.1	1.2 J	<1.1	1.1 J	<1.1	<1.2
	Nickel	EPA 6010	7	BCL	mg/kg	27	15	16	16	16	17	15	17	10	11
	Selenium	EPA 6020	0.3	BCL	mg/kg	<0.54	<0.54	<0.53	<0.55	<0.55	<0.53	<0.55	<0.52	<0.55	<0.58
Silver	EPA 6010	0.85	BCL	mg/kg	<4.0	<0.83	<0.79	<0.83	<0.82	<0.80	<0.83	<0.78	<0.82	<0.88	
Thallium	EPA 6020	0.4	BCL	mg/kg	<0.27	<0.27	<0.26	<0.28	<0.27	<0.27	<0.27	<0.26	<0.28	<0.29	
Zinc	EPA 6010	620	BCL	mg/kg	32	31	26	37	32	32	33	32	23	28	
Hexavalent Chromium	Chromium VI	EPA 7199	2	BCL	mg/kg	<0.44	<0.44	<0.42	<0.44	<0.44	<0.43	<0.44	<0.42	<0.44	<0.47
Rare Metals	Niobium	EPA 6020	1.17	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--
	Palladium	EPA 6020			mg/kg	--	--	--	--	--	--	--	--	--	--
	Strontium	EPA 6010	422	RSL	mg/kg	--	--	--	--	--	--	--	--	--	--
	Tungsten	EPA 6010	37.6	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--
	Zirconium	EPA 6010	4.79	RSL	mg/kg	--	--	--	--	--	--	--	--	--	--
VOCs	Acetone	EPA 8260	0.8	BCL	mg/kg	0.0083 UJ	<0.0086	<0.0086	<0.0082	<0.0099	<0.0083	<0.0086	<0.0078	<0.0085	<0.0097
	t-Amyl methyl ether	EPA 8260			mg/kg	<0.0010	<0.0011	<0.0011	<0.0010	<0.0012	<0.0010	<0.0011	<0.00097	<0.0011	<0.0012
	Benzene	EPA 8260	0.002	BCL	mg/kg	0.00052 UJ	<0.00054	<0.00054	<0.00051	<0.00062	<0.00052	<0.00054	<0.00048	<0.00053	<0.00060
	Bromobenzene	EPA 8260	0.0421	RSL	mg/kg	0.0010 UJ	<0.0011	<0.0011	<0.0010	<0.0012	<0.0010	<0.0011	<0.00097	<0.0011	<0.0012
	Bromochloromethane	EPA 8260			mg/kg	0.0010 UJ	<0.0011	<0.0011	<0.0010	<0.0012	<0.0010	<0.0011	<0.00097	<0.0011	<0.0012
	Bromodichloromethane	EPA 8260	0.03	BCL	mg/kg	0.00052 UJ	<0.00054	<0.00054	<0.00051	<0.00062	<0.00052	<0.00054	<0.00048	<0.00053	<0.00060
	Bromoform	EPA 8260	0.04	BCL	mg/kg	<0.0010	<0.0011	<0.0011	<0.0010	<0.0012	<0.0010	<0.0011	<0.00097	<0.0011	<0.0012
	Bromomethane	EPA 8260	0.01	BCL	mg/kg	<0.0010	<0.0011	<0.0011	<0.0010	<0.0012	<0.0010	<0.0011	<0.00097	<0.0011	<0.0012
	2-Butanone	EPA 8260	1.16	RSL	mg/kg	0.0052 UJ	<0.0054	<0.0054	<0.0051	<0.0062	<0.0052	<0.0054	<0.0048	<0.0053	<0.0060
	n-Butylbenzene	EPA 8260	3.23	RSL	mg/kg	0.0010 UJ	<0.0011	<0.0011	<0.0010	<0.0012	<0.0010	<0.0011	<0.00097	<0.0011	<0.0012
	sec-Butylbenzene	EPA 8260	5.87	RSL	mg/kg	0.0010 UJ	<0.0011	<0.0011	<0.0010	<0.0012	<0.0010	<0.0011	<0.00097	<0.0011	<0.0012
	Carbon tetrachloride	EPA 8260	0.003	BCL	mg/kg	0.00052 UJ	<0.00054	<0.00054	<0.00051	<0.00062	<0.00052	<0.00054	<0.00048	<0.00053	<0.00060
	Chlorobenzene	EPA 8260	0.07	BCL	mg/kg	<0.00052	<0.00054	<0.00054	<0.00051	<0.00062	<0.00052	<0.00054	<0.00048	<0.00053	<0.00060
	Chloroethane	EPA 8260	5.92	RSL	mg/kg	<0.0010	<0.0011	<0.0011	<0.0010	<0.0012	<0.0010	<0.0011	<0.00097	<0.0011	<0.0012
	Chloroform	EPA 8260	0.03	BCL	mg/kg	<0.00052	<0.00054	<0.00054	<0.00051	<0.00062	<0.00052	<0.00054	<0.00048	<0.00053	0.0018
	Chloromethane	EPA 8260	0.0486	RSL	mg/kg	<0.0010	<0.0011	<0.0011	<0.0010	<0.0012	<0.0010	<0.0011	<0.00097	<0.0011	<0.0012
	2-Chlorotoluene	EPA 8260	0.231	RSL	mg/kg	0.0010 UJ	<0.0011	<0.0011	<0.0010	<0.0012	<0.0010	<0.0011	<0.00097	<0.0011	<0.0012
	4-Chlorotoluene	EPA 8260	0.241	RSL	mg/kg	0.0010 UJ	<0.0011	<0.0011	<0.0010	<0.0012	<0.0010	<0.0011	<0.00097	<0.0011	<0.0012
	Cumene	EPA 8260	0.738	RSL	mg/kg	<0.00052	<0.00054	<0.00054	<0.00051	<0.00062	<0.00052	<0.00054	<0.00048	<0.00053	<0.00060
p-Cymene	EPA 8260	3.91	CAL	mg/kg	<0.00052	<0.00054	<0.00054	<0.00051	<0.00062	<0.00052	<0.00054	<0.00048	<0.00053	<0.00060	

**TABLE A-6a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 8**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-58									
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs	35-35.5 ft bgs	40-40.5 ft bgs
						RISB-58-0.5-20141112	RISB-58-5.0-20141113	RISB-58-5.0-20141113-FD	RISB-58-10.0-20141113	RISB-58-15.0-20141113	RISB-58-20.0-20141113	RISB-58-25.0-20141113	RISB-58-30.0-20141113	RISB-58-35.0-20141113	RISB-58-40.0-20141113
VOCs	Dibromochloromethane	EPA 8260	0.02	BCL	mg/kg	0.00052 UJ	<0.00054	<0.00054	<0.00051	<0.00062	<0.00052	<0.00054	<0.00048	<0.00053	<0.00060
	1,2-Dibromoethane	EPA 8260	0.000141	RSL	mg/kg	0.00052 UJ	<0.00054	<0.00054	<0.00051	<0.00062	<0.00052	<0.00054	<0.00048	<0.00053	<0.00060
	Dibromomethane	EPA 8260	0.00197	RSL	mg/kg	<0.00052	<0.00054	<0.00054	<0.00051	<0.00062	<0.00052	<0.00054	<0.00048	<0.00053	<0.00060
	1,2-Dichlorobenzene	EPA 8260	0.9	BCL	mg/kg	0.00052 UJ	<0.00054	<0.00054	<0.00051	<0.00062	<0.00052	<0.00054	<0.00048	<0.00053	<0.00060
	1,3-Dichlorobenzene	EPA 8260	0.0473	CAL	mg/kg	<0.00052	<0.00054	<0.00054	<0.00051	<0.00062	<0.00052	<0.00054	<0.00048	<0.00053	<0.00060
	1,4-Dichlorobenzene	EPA 8260	0.1	BCL	mg/kg	<0.00052	<0.00054	<0.00054	<0.00051	<0.00062	<0.00052	<0.00054	<0.00048	<0.00053	<0.00060
	Dichlorodifluoromethane	EPA 8260	0.304	RSL	mg/kg	0.0010 UJ	0.0011 UJ	<0.0011	0.0010 UJ	<0.0012	<0.0010	<0.0011	0.00097 UJ	0.0011 UJ	0.0012 UJ
	1,1-Dichloroethane	EPA 8260	1	BCL	mg/kg	0.00052 UJ	<0.00054	<0.00054	<0.00051	<0.00062	<0.00052	<0.00054	<0.00048	<0.00053	<0.00060
	1,2-Dichloroethane	EPA 8260	0.001	BCL	mg/kg	<0.00052	<0.00054	<0.00054	<0.00051	<0.00062	<0.00052	<0.00054	<0.00048	<0.00053	<0.00060
	1,1-Dichloroethene	EPA 8260	0.003	BCL	mg/kg	<0.00052	<0.00054	<0.00054	<0.00051	<0.00062	<0.00052	<0.00054	<0.00048	<0.00053	<0.00060
	cis-1,2-Dichloroethene	EPA 8260	0.02	BCL	mg/kg	0.00052 UJ	<0.00054	<0.00054	<0.00051	<0.00062	<0.00052	<0.00054	<0.00048	<0.00053	<0.00060
	trans-1,2-Dichloroethene	EPA 8260	0.03	BCL	mg/kg	0.00052 UJ	<0.00054	<0.00054	<0.00051	<0.00062	<0.00052	<0.00054	<0.00048	<0.00053	<0.00060
	1,2-Dichloropropane	EPA 8260	0.001	BCL	mg/kg	0.00052 UJ	<0.00054	<0.00054	<0.00051	<0.00062	<0.00052	<0.00054	<0.00048	<0.00053	<0.00060
	1,3-Dichloropropane	EPA 8260	0.001	BCL	mg/kg	<0.00052	<0.00054	<0.00054	<0.00051	<0.00062	<0.00052	<0.00054	<0.00048	<0.00053	<0.00060
	2,2-Dichloropropane	EPA 8260			mg/kg	0.0010 UJ	<0.0011	<0.0011	<0.0010	<0.0012	<0.0010	<0.0011	<0.00097	<0.0011	<0.0012
	1,1-Dichloropropene	EPA 8260			mg/kg	0.00052 UJ	<0.00054	<0.00054	<0.00051	<0.00062	<0.00052	<0.00054	<0.00048	<0.00053	<0.00060
	cis-1,3-Dichloropropene	EPA 8260			mg/kg	0.00052 UJ	<0.00054	<0.00054	<0.00051	<0.00062	<0.00052	<0.00054	<0.00048	<0.00053	<0.00060
	trans-1,3-Dichloropropene	EPA 8260			mg/kg	0.00052 UJ	<0.00054	<0.00054	<0.00051	<0.00062	<0.00052	<0.00054	<0.00048	<0.00053	<0.00060
	Diisopropyl ether	EPA 8260			mg/kg	0.0010 UJ	<0.0011	<0.0011	<0.0010	<0.0012	<0.0010	<0.0011	<0.00097	<0.0011	<0.0012
	Ethyl benzene	EPA 8260	0.7	BCL	mg/kg	<0.00052	<0.00054	<0.00054	<0.00051	<0.00062	<0.00052	<0.00054	<0.00048	<0.00053	<0.00060
	Ethyl tert-butyl ether	EPA 8260			mg/kg	0.0010 UJ	<0.0011	<0.0011	<0.0010	<0.0012	<0.0010	<0.0011	<0.00097	<0.0011	<0.0012
	Hexachlorobutadiene	EPA 8260	0.1	BCL	mg/kg	<0.0010	<0.0011	<0.0011	<0.0010	<0.0012	<0.0010	<0.0011	<0.00097	<0.0011	<0.0012
	2-Hexanone	EPA 8260			mg/kg	0.0052 UJ	<0.0054	<0.0054	<0.0051	<0.0062	<0.0052	<0.0054	<0.0048	<0.0053	<0.0060
	Methyl tert-butyl ether	EPA 8260			mg/kg	<0.0010	<0.0011	<0.0011	<0.0010	<0.0012	<0.0010	<0.0011	<0.00097	<0.0011	<0.0012
	Methylene chloride	EPA 8260	0.001	BCL	mg/kg	<0.0052	<0.0054	<0.0054	<0.0051	<0.0062	<0.0052	<0.0054	<0.0048	<0.0053	<0.0060
	Naphthalene	EPA 8260	4	BCL	mg/kg	0.0010 UJ	<0.0011	<0.0011	<0.0010	<0.0012	<0.0010	<0.0011	<0.00097	<0.0011	<0.0012
	n-Propylbenzene	EPA 8260	1.22	RSL	mg/kg	0.00052 UJ	<0.00054	<0.00054	<0.00051	<0.00062	<0.00052	<0.00054	<0.00048	<0.00053	<0.00060
	Styrene	EPA 8260	0.2	BCL	mg/kg	0.00052 UJ	<0.00054	<0.00054	<0.00051	<0.00062	<0.00052	<0.00054	<0.00048	<0.00053	<0.00060
	1,1,1,2-Tetrachloroethane	EPA 8260	0.000218	RSL	mg/kg	0.0010 UJ	<0.0011	<0.0011	<0.0010	<0.0012	<0.0010	<0.0011	<0.00097	<0.0011	<0.0012
	1,1,2,2-Tetrachloroethane	EPA 8260	0.0002	BCL	mg/kg	<0.0010	<0.0011	<0.0011	<0.0010	<0.0012	<0.0010	<0.0011	<0.00097	<0.0011	<0.0012
	Tetrachloroethene	EPA 8260	0.003	BCL	mg/kg	<0.00052	<0.00054	<0.00054	<0.00051	<0.00062	<0.00052	<0.00054	<0.00048	<0.00053	<b>0.0028</b>
	Toluene	EPA 8260	0.6	BCL	mg/kg	<0.00052	<0.00054	<0.00054	<0.00051	<0.00062	<0.00052	<0.00054	<0.00048	<0.00053	<0.00060
	1,2,3-Trichlorobenzene	EPA 8260	0.0209	RSL	mg/kg	0.0010 UJ	<0.0011	<0.0011	<0.0010	<0.0012	<0.0010	<0.0011	<0.00097	<0.0011	<0.0012
	1,2,4-Trichlorobenzene	EPA 8260	0.3	BCL	mg/kg	0.0010 UJ	<0.0011	<0.0011	<0.0010	<0.0012	<0.0010	<0.0011	<0.00097	<0.0011	<0.0012
	1,1,1-Trichloroethane	EPA 8260	0.1	BCL	mg/kg	0.00052 UJ	<0.00054	<0.00054	<0.00051	<0.00062	<0.00052	<0.00054	<0.00048	<0.00053	<0.00060
	1,1,2-Trichloroethane	EPA 8260	0.0009	BCL	mg/kg	0.00052 UJ	<0.00054	<0.00054	<0.00051	<0.00062	<0.00052	<0.00054	<0.00048	<0.00053	<0.00060
	Trichloroethene	EPA 8260	0.003	BCL	mg/kg	<0.00052	<0.00054	<0.00054	<0.00051	<0.00062	<0.00052	<0.00054	<0.00048	<0.00053	<0.00060
	Trichlorofluoromethane	EPA 8260	0.731	RSL	mg/kg	<0.0010	<0.0011	<0.0011	<0.0010	<0.0012	<0.0010	<0.0011	<0.00097	<0.0011	<0.0012
	1,2,3-Trichloropropane	EPA 8260	0.00000323	RSL	mg/kg	0.0010 UJ	<0.0011	<0.0011	<0.0010	<0.0012	<0.0010	<0.0011	<0.00097	<0.0011	<0.0012
	1,2,4-Trimethylbenzene	EPA 8260	0.0212	RSL	mg/kg	0.0010 UJ	<0.0011	<0.0011	<0.0010	<0.0012	<0.0010	<0.0011	<0.00097	<0.0011	<0.0012
1,3,5-Trimethylbenzene	EPA 8260	0.167	RSL	mg/kg	0.0010 UJ	<0.0011	<0.0011	<0.0010	<0.0012	<0.0010	<0.0011	<0.00097	<0.0011	<0.0012	
Vinyl chloride	EPA 8260	0.0007	BCL	mg/kg	<0.0010	<0.0011	<0.0011	<0.0010	<0.0012	<0.0010	<0.0011	<0.00097	<0.0011	<0.0012	
m,p-Xylene	EPA 8260			mg/kg	<0.0010	<0.0011	<0.0011	<0.0010	<0.0012	<0.0010	<0.0011	<0.00097	<0.0011	<0.0012	
o-Xylene	EPA 8260	9	BCL	mg/kg	0.00052 UJ	<0.00054	<0.00054	<0.00051	<0.00062	<0.00052	<0.00054	<0.00048	<0.00053	<0.00060	
1,2-Dibromo-3-chloropropane	EPA 8260	0.0000864	RSL	mg/kg	<0.0021	<0.0022	<0.0022	<0.0020	<0.0025	<0.0021	<0.0022	<0.0019	<0.0021	<0.0024	
4-Methyl-2-pentanone	EPA 8260			mg/kg	0.0026 UJ	<0.0027	<0.0027	<0.0026	<0.0031	<0.0026	<0.0027	<0.0024	<0.0027	<0.0030	
tert Butyl alcohol	EPA 8260			mg/kg	<0.010	<0.011	<0.011	<0.010	<0.012	<0.010	<0.011	<0.0097	<0.011	<0.012	
tert-Butylbenzene	EPA 8260	1.55	RSL	mg/kg	0.0010 UJ	<0.0011	<0.0011	<0.0010	<0.0012	<0.0010	<0.0011	<0.00097	<0.0011	<0.0012	



**TABLE A-6a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 8**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-58										
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs	35-35.5 ft bgs	40-40.5 ft bgs	
						RISB-58-0.5-20141112	RISB-58-5.0-20141113	RISB-58-5.0-20141113-FD	RISB-58-10.0-20141113	RISB-58-15.0-20141113	RISB-58-20.0-20141113	RISB-58-25.0-20141113	RISB-58-30.0-20141113	RISB-58-35.0-20141113	RISB-58-40.0-20141113	
SVOCs	2-Nitrophenol	EPA 8270			mg/kg	--	--	--	--	--	--	--	--	--	--	--
	4-Nitrophenol	EPA 8270			mg/kg	--	--	--	--	--	--	--	--	--	--	--
	n-Nitrosodiphenylamine	EPA 8270	0.06	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Octachlorostyrene	EPA 8270			mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Pentachlorophenol	EPA 8270	0.001	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Phenol	EPA 8270	5	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Pyrene	EPA 8270	210	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Pyrene	EPA 8270-SIM	210	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Pyridine	EPA 8270			mg/kg	--	--	--	--	--	--	--	--	--	--	--
	2,4,5-Trichlorophenol	EPA 8270	14	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--
	2,4,6-Trichlorophenol	EPA 8270	0.008	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--
	bis(2-Chloroethoxy)methane	EPA 8270	0.0135	RSL	mg/kg	--	--	--	--	--	--	--	--	--	--	--
	bis(2-Chloroethyl) ether	EPA 8270	0.00002	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--
	bis(2-Ethylhexyl)phthalate	EPA 8270	180	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--
4-Chloro-3-methylphenol	EPA 8270	1.71	RSL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	
n-Nitroso-di-n-propylamine	EPA 8270	0.000002	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	
Organo-phosphorus Pesticides	Atrazine	EPA 8141A			mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Chlorpyrifos	EPA 8141A	0.124	RSL	mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Coumaphos	EPA 8141A			mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Dasanit	EPA 8141A			mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Demeton (O + S)	EPA 8141A			mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Demeton-O	EPA 8141A			mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Demeton-S	EPA 8141A			mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Diazinon	EPA 8141A	0.0648	RSL	mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Dibrom	EPA 8141A			mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Dichlorovos	EPA 8141A	0.0000811	RSL	mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Dimethoate	EPA 8141A	0.000899	RSL	mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Disulfoton	EPA 8141A	0.000939	RSL	mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Ethoprop nitrophenyl benzenethiophosphate	EPA 8141A	0.00277	RSL	mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Famphur	EPA 8141A			mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Fenthion	EPA 8141A			mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Guthion	EPA 8141A			mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Malathion	EPA 8141A	0.102	RSL	mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Merphos	EPA 8141A	0.059	RSL	mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Methyl parathion	EPA 8141A	7.41	RSL	µg/kg	--	--	--	--	--	--	--	--	--	--	--
	Mevinphos	EPA 8141A			mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Parathion	EPA 8141A	432	RSL	µg/kg	--	--	--	--	--	--	--	--	--	--	--
	Phorate	EPA 8141A	0.00338	RSL	mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Prothiophos	EPA 8141A			mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Ronnel	EPA 8141A	3.7	RSL	mg/kg	--	--	--	--	--	--	--	--	--	--	--
Simazine	EPA 8141A			mg/kg	--	--	--	--	--	--	--	--	--	--	--	
Stirophos	EPA 8141A			mg/kg	--	--	--	--	--	--	--	--	--	--	--	
Sulfotepp	EPA 8141A			mg/kg	--	--	--	--	--	--	--	--	--	--	--	
Sulprofos	EPA 8141A			mg/kg	--	--	--	--	--	--	--	--	--	--	--	
Thionazin	EPA 8141A			mg/kg	--	--	--	--	--	--	--	--	--	--	--	

**TABLE A-6a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 8**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-58										
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs	35-35.5 ft bgs	40-40.5 ft bgs	
						RISB-58-0.5-20141112	RISB-58-5.0-20141113	RISB-58-5.0-20141113-FD	RISB-58-10.0-20141113	RISB-58-15.0-20141113	RISB-58-20.0-20141113	RISB-58-25.0-20141113	RISB-58-30.0-20141113	RISB-58-35.0-20141113	RISB-58-40.0-20141113	
<b>Organo-phosphorus Pesticides</b>	o-Ethyl o-2,4,5-trichlorophenyl ethyl-phosphonothioate	EPA 8141A			mg/kg	--	--	--	--	--	--	--	--	--	--	--
<b>Organo-chlorine Pesticides</b>	Aldrin	EPA 8081	0.02	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--
	alpha-BHC	EPA 8081	0.0266	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--
	beta-BHC	EPA 8081	0.00545	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--
	delta-BHC	EPA 8081	28.1	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--
	gamma-BHC	EPA 8081	0.0005	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--
	alpha-Chlordane	EPA 8081			mg/kg	--	--	--	--	--	--	--	--	--	--	--
	gamma-Chlordane	EPA 8081			mg/kg	--	--	--	--	--	--	--	--	--	--	--
	4,4'-DDD	EPA 8081	0.8	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--
	2,4'-DDE	EPA 8081			mg/kg	--	--	--	--	--	--	--	--	--	--	--
	4,4'-DDE	EPA 8081	3	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--
	4,4'-DDT	EPA 8081	2	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Dieldrin	EPA 8081	0.0002	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Endosulfan I	EPA 8081			mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Endosulfan II	EPA 8081			mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Endosulfan sulfate	EPA 8081			mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Endrin	EPA 8081	0.05	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Endrin aldehyde	EPA 8081			mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Endrin ketone	EPA 8081			mg/kg	--	--	--	--	--	--	--	--	--	--	--
Heptachlor	EPA 8081	1	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	
Heptachlor epoxide	EPA 8081	0.03	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	
Methoxychlor	EPA 8081	8	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	
Toxaphene	EPA 8081	2	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	
<b>PAHs</b>	Acenaphthylene	EPA 8270	0.0106	CAL	mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Acenaphthylene	EPA 8270-SIM	0.0106	CAL	mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Benzo(a)anthracene	EPA 8270	0.08	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Benzo(a)anthracene	EPA 8270-SIM	0.08	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Benzo(a)pyrene	EPA 8270	0.4	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Benzo(a)pyrene	EPA 8270-SIM	0.4	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Benzo(b)fluoranthene	EPA 8270	0.2	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Benzo(b)fluoranthene	EPA 8270-SIM	0.2	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Benzo(g,h,i)perylene	EPA 8270			mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Benzo(g,h,i)perylene	EPA 8270-SIM			mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Indeno(1,2,3-cd)pyrene	EPA 8270	0.7	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Indeno(1,2,3-cd)pyrene	EPA 8270-SIM	0.7	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--
Phenanthrene	EPA 8270	0.0243	CAL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	
Phenanthrene	EPA 8270-SIM	0.0243	CAL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	
<b>PCBs</b>	Aroclor-1260	EPA 8082	0.00549	RSL	mg/kg	--	--	--	--	--	--	--	--	--	--	--
	PCB-001	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCB-002	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCB-003	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCB-004	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCB-005	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCB-006	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCB-007	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCB-008	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCB-009	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
PCB-010	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	



**TABLE A-6a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 8**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-58											
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs	35-35.5 ft bgs	40-40.5 ft bgs		
						RISB-58-0.5-20141112	RISB-58-5.0-20141113	RISB-58-5.0-20141113-FD	RISB-58-10.0-20141113	RISB-58-15.0-20141113	RISB-58-20.0-20141113	RISB-58-25.0-20141113	RISB-58-30.0-20141113	RISB-58-35.0-20141113	RISB-58-40.0-20141113		
PCBs	PCB-011	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-014	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-015	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-016	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-017	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-019	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-022	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-023	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-024	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-025	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-027	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-031	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-032	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-034	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-035	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-036	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-037	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-038	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-039	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-041	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-042	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-043	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-045	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-046	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-048	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-051	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-052	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-054	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-055	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-056	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-057	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-058	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-060	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-063	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-064	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-066	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-067	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-068	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-072	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-073	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-077	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-078	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-079	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-080	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-081	EPA 1668A	61.8	RSL	pg/g	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-082	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-083	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-084	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-089	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	--



**TABLE A-6a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 8**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-58										
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs	35-35.5 ft bgs	40-40.5 ft bgs	
						RISB-58-0.5-20141112	RISB-58-5.0-20141113	RISB-58-5.0-20141113-FD	RISB-58-10.0-20141113	RISB-58-15.0-20141113	RISB-58-20.0-20141113	RISB-58-25.0-20141113	RISB-58-30.0-20141113	RISB-58-35.0-20141113	RISB-58-40.0-20141113	
PCBs	PCB-176	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCB-177	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCB-178	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCB-179	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCB-181	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCB-182	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCB-183	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCB-184	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCB-185	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCB-186	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCB-187	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCB-188	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCB-189	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCB-190	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCB-191	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCB-192	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCB-194	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCB-195	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCB-196	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCB-197	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCB-200	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCB-201	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCB-202	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCB-203	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCB-204	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCB-205	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCB-206	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCB-207	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCB-208	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCB-209	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCBs 107+124	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCBs 110+115	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCBs 12+13	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCBs 128+166	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCBs 129+138+163	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCBs 134+143	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCBs 135+151	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCBs 139+140	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCBs 147+149	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCBs 153+168	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCBs 156+157	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCBs 171+173	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCBs 18+30	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCBs 180+193	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCBs 198+199	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCBs 20+28	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCBs 21+33	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCBs 26+29	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCBs 40+71	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--

**TABLE A-6a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 8**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-58										
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs	35-35.5 ft bgs	40-40.5 ft bgs	
						RISB-58-0.5-20141112	RISB-58-5.0-20141113	RISB-58-5.0-20141113-FD	RISB-58-10.0-20141113	RISB-58-15.0-20141113	RISB-58-20.0-20141113	RISB-58-25.0-20141113	RISB-58-30.0-20141113	RISB-58-35.0-20141113	RISB-58-40.0-20141113	
PCBs	PCBs 44+47+65	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCBs 49+69	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCBs 50+53	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCBs 59+62+75	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCBs 61+70+74+76	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCBs 85+116+117	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCBs 86+87+97+108+119+125	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCBs 88+91	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCBs 90+101+113	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCBs 93+100	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
PCBs 98+102	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	
Dioxins/Furans	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--	--	--
	1,2,3,4,6,7,8-Heptachlorodibenzofuran	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--	--	--
	1,2,3,4,7,8,9-Heptachlorodibenzofuran	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--	--	--
	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--	--	--
	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--	--	--
	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--	--	--
	1,2,3,4,7,8-Hexachlorodibenzofuran	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--	--	--
	1,2,3,6,7,8-Hexachlorodibenzofuran	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--	--	--
	1,2,3,7,8,9-Hexachlorodibenzofuran	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--	--	--
	2,3,4,6,7,8-Hexachlorodibenzofuran	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--	--	--
	HpCDD (total)	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--	--	--
	HpCDF (total)	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--	--	--
	HxCDD (total)	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--	--	--
	HxCDF (total)	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--	--	--
	1,2,3,4,5,6,7,8-Octachlorodibenzo-p-dioxin	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--	--	--
	1,2,3,4,5,6,7,8-Octachlorodibenzofuran	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PeCDD (total)	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PeCDF (total)	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--	--	--
	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--	--	--
	1,2,3,7,8-Pentachlorodibenzofuran	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--	--	--
	2,3,4,7,8-Pentachlorodibenzofuran	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--	--	--
	TCDD (total)	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--	--	--
TCDF (total)	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--	--	--	
2,3,7,8-Tetrachlorodibenzo-p-dioxin	EPA 8290		15 RSL	pg/g	--	--	--	--	--	--	--	--	--	--	--	

**TABLE A-6a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 8**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-58										
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs	35-35.5 ft bgs	40-40.5 ft bgs	
						RISB-58-0.5-20141112	RISB-58-5.0-20141113	RISB-58-5.0-20141113-FD	RISB-58-10.0-20141113	RISB-58-15.0-20141113	RISB-58-20.0-20141113	RISB-58-25.0-20141113	RISB-58-30.0-20141113	RISB-58-35.0-20141113	RISB-58-40.0-20141113	
Dioxins/Furans	2,3,7,8-Tetrachlorodibenzofuran	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--	--	--
	Total PCB TEQs (calculated by TAS)	EPA 8280A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	Total TEQ (Calculated)	EPA 8280A			pg/g	--	--	--	--	--	--	--	--	--	--	--
Organic Acids	Phthalic acid	EPA 8270			µg/kg	--	--	--	--	--	--	--	--	--	--	--
Radionuclides	Radium-226	EPA 903.0	0.006	BCL	pCi/g	--	--	--	--	--	--	--	--	--	--	--
	Radium-228	EPA 904.0	0.006	BCL	pCi/g	--	--	--	--	--	--	--	--	--	--	--
	Thorium-228	DOE A-01-R	0.0027	BCL	pCi/g	--	--	--	--	--	--	--	--	--	--	--
	Thorium-230	DOE A-01-R	0.001	BCL	pCi/g	--	--	--	--	--	--	--	--	--	--	--
	Thorium-232	DOE A-01-R	0.0035	BCL	pCi/g	--	--	--	--	--	--	--	--	--	--	--
	Uranium-233/234	DOE A-01-R			pCi/g	--	--	--	--	--	--	--	--	--	--	--
	Uranium-235/236	DOE A-01-R			pCi/g	--	--	--	--	--	--	--	--	--	--	--
	Uranium-238	DOE A-01-R			pCi/g	--	--	--	--	--	--	--	--	--	--	--
	Uranium-238	EPA 6020	13.5	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--
Total Petroleum Hydrocarbons	Diesel Range Organics (C10-C28)	EPA 8015			mg/kg	110	2.7 UJ	22 J	6.6	<2.8	<2.7	5.8	3.1 J	<2.7	4.2 J	
	EFH (C10-C40)	EPA 8015			mg/kg	430	8.3 J	75 J	19	5.2 J	15	11	5.8	6.4	8.9	
	Gasoline Range Organics (C6-C10)	EPA 8015			µg/kg	<160	<160	<150	<160	<180	<170	<160	<150	<150	<170	
	Petroleum Hydrocarbons (C29-C40)	EPA 8015			mg/kg	320	2.7 UJ	51 J	<2.7	<2.8	<2.7	<2.7	<2.6	<2.7	<2.9	
General Chemistry	Alkalinity (as CaCO3)	SM 2320			mg/kg	4,100	37,000	33,000	34,000	38,000	46,000	22,000	14,000	2,700 J	60,000	
	Ammonia (as NH3)	SM 4500			mg/kg	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.5	<2.6	<2.8	
	Bicarbonate as HCO3	SM 2320			mg/kg	4,900	44,000	39,000	39,000	45,000	55,000	24,000	15,000	3,300 J	72,000	
	Bromide	EPA 300			mg/kg	<3.8	<3.8	<3.8	<3.8	<3.9	<3.8	<3.8	<3.7	<3.9	<4.0	
	Carbonate (CO3)	SM 2320			mg/kg	<82	650	950	990	660	650	1,300	930	<330	690	
	Chloride	EPA 300			mg/kg	4.7 J	9.0	8.3	8.9	9.8	6.4	8.9	5.3	6.1	8.1	
	Hydroxide	SM 2320			mg/kg	<47	<190	<180	<190	<190	<180	<190	<180	<180	<200	
	Nitrate	EPA 300	7	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	
	Nitrate (as NO3)	EPA 300			mg/kg	5.4 J	<3.8	<3.8	<3.8	<3.9	4.1 J	<3.8	<3.7	<3.9	<4.0	
	Nitrate/Nitrite	EPA 300			mg/kg	1.2 J	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.1	<1.2	<1.3	
	Nitrite	EPA 300			mg/kg	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.1	<1.2	<1.3	
	ortho-Phosphate (total) (as PO4)	EPA 300			mg/kg	<4.4	4.4 UJ	4.3 UJ	4.4 UJ	4.4 UJ	<4.3	4.4 UJ	4.2 UJ	4.4 UJ	4.6 UJ	
	Phosphorus (total)	EPA 6010	0.00148	RSL	mg/kg	830	1,100	1,100	1,200	960	1,100	1,100	1,300	690	790	
	Silicon	EPA 6010			mg/kg	190 J	69 J	65 J	79 J	69 J	69 J	75 J	61 J	66 J	120 J	
	Sulfate	EPA 300			mg/kg	120	70	88 J	83 J	130	98	190	63	7,300	770	
Sulfur	EPA 6020			mg/kg	880 J	1,300 J	910 J	<450	1,100 J	1,100 J	1,100 J	1,600 J	33,000	1,600 J		
pH	EPA 9045			s.u.	--	--	--	--	--	--	--	--	--	--		

**Notes:**

ft bgs: feet below ground surface

FD: Field Duplicate

Above Screening Level

bold value: detection

Soil screening levels were selected according to the following hierarchy of criteria:

1. Basic Comparison Level (BCL): Leaching-based basic comparison levels (LBCL) with dilution attenuation factor (DAF) of 1 in the most recent version of Nevada Division of

**Sources:**

NDEP, 2015. User's Guide and Background Technical Document for NDEP Basic

Comparison Levels (BCLs) for Human Health for the BMI Complex and

Common Areas. Revision 13, February.

USEPA, 2015. Regional Screening Levels (RSL) for Chemical Contaminants at Superfund

Sites. June.

**TABLE A-6a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 8**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-58									
						0.5-1 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs	35-35.5 ft bgs	40-40.5 ft bgs
			Level	Source		RISB-58-0.5-20141112	RISB-58-5.0-20141113	RISB-58-5.0-20141113-FD	RISB-58-10.0-20141113	RISB-58-15.0-20141113	RISB-58-20.0-20141113	RISB-58-25.0-20141113	RISB-58-30.0-20141113	RISB-58-35.0-20141113	RISB-58-40.0-20141113

Environmental Protection (NDEP) documents (February 2015).

2. Regional Screening Level (RSL): United States Environmental Protection Agency (USEPA) Regional Screening Levels (RSL) for groundwater protection (June 2015), with the maximum contaminant level (MCL) based screening levels selected over the risk-based screening levels, if available (USEPA 2015)
3. Calculated Criteria (CAL): Generic leaching-based BCLs (LBCLs) calculated using the approach presented in NDEP guidance (NDEP 2015).

**TABLE A-6a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 8**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-59									
			Level	Source		0.8-1.3 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs	35-35.5 ft bgs	39-39.5 ft bgs
						RISB-59-0.8-20141105	RISB-59-5.0-20141105	RISB-59-5.0-20141105-FD	RISB-59-10.0-20141105	RISB-59-15.0-20141105	RISB-59-20.0-20141105	RISB-59-25.0-20141105	RISB-59-30.0-20141105	RISB-59-35.0-20141105	RISB-59-39.0-20141105
Chlorates	Chlorate	EPA 300.1	1.03	BCL	mg/kg	1.1	0.93	0.98	<0.054	<0.055	0.38	<0.054	0.091 J	<0.055	53
	Perchlorate	EPA 314.0	0.0185	BCL	mg/kg	4.8	2.6	2.4	2.5	2.6	2.9	2.3	2.0	2.1	15
Common Metals	Aluminum	EPA 6010	75	BCL	mg/kg	6,300	7,300	7,100	10,000	9,800	8,900	9,300	7,700	6,600	4,300
	Antimony	EPA 6020	0.3	BCL	mg/kg	0.53 UJ	0.53 UJ	0.54 UJ	0.54 UJ	0.54 UJ	0.55 UJ	0.54 UJ	0.52 UJ	0.55 UJ	0.62 UJ
	Arsenic	EPA 6020	1	BCL	mg/kg	6.2	1.7	1.9	3.3	3.4	3.5	4.4	5.6	14	22
	Barium	EPA 6010	82	BCL	mg/kg	200 J	130 J	150 J	150 J	160 J	130 J	150 J	77 J	60 J	52 J
	Boron	EPA 6010	21.4	BCL	mg/kg	<13	4.2 J	4.0 J	5.2 J	6.6	6.5	6.3	6.7	10	14
	Cadmium	EPA 6010	0.4	BCL	mg/kg	<1.3	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.26	<0.27	<0.62
	Chromium (total)	EPA 6010	180,000	RSL	mg/kg	15	7.1	8.3	12	12	12	11	7.7	22	77
	Cobalt	EPA 6010	0.453	BCL	mg/kg	25	6.4	6.2	7.1	6.5	6.0	6.8	5.7	3.7	1.9 J
	Copper	EPA 6010	45.8	BCL	mg/kg	37	18	16	19	17	19	18	15	13	9.0
	Iron	EPA 6010	7.56	BCL	mg/kg	12,000	12,000	12,000	15,000	13,000	15,000	14,000	12,000	9,300	5,100
	Lead	EPA 6010	13.5	RSL	mg/kg	22	7.0	7.1	7.2	7.2	6.0	6.1	6.2	5.0	2.5 J
	Magnesium	EPA 6010	889	BCL	mg/kg	7,100	8,300	6,800	11,000	11,000	14,000	12,000	8,100	7,700	27,000
	Manganese	EPA 6010	1.3	BCL	mg/kg	13,000 J	400 J	360 J	340 J	300 J	250 J	260 J	310 J	850 J	3,600 J
	Mercury	EPA 7471	0.104	BCL	mg/kg	0.10	0.017 J	0.034 J	0.016 J	0.016 J	0.020 J	<0.013	<0.013	<0.013	<0.015
	Molybdenum	EPA 6010	3.37	BCL	mg/kg	<5.3	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.0	3.8	<2.5
	Nickel	EPA 6010	7	BCL	mg/kg	26	15	13	16	14	14	14	11	9.1	6.2
	Selenium	EPA 6020	0.3	BCL	mg/kg	<0.53	<0.53	<0.54	<0.54	<0.54	<0.55	<0.54	<0.52	<0.55	<0.62
Silver	EPA 6010	0.85	BCL	mg/kg	<4.0	<0.80	<0.80	<0.81	<0.81	<0.82	<0.81	<0.79	<0.82	<1.9	
Thallium	EPA 6020	0.4	BCL	mg/kg	0.38 J	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.26	<0.27	<0.31	
Zinc	EPA 6010	620	BCL	mg/kg	92	29	27	33	29	31	33	25	22	13	
Hexavalent Chromium	Chromium VI	EPA 7199	2	BCL	mg/kg	<0.43	<0.42	<0.43	<0.44	<0.44	<0.44	<0.43	<0.43	<0.44	0.15
Rare Metals	Niobium	EPA 6020	1.17	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--
	Palladium	EPA 6020			mg/kg	--	--	--	--	--	--	--	--	--	--
	Strontium	EPA 6010	422	RSL	mg/kg	--	--	--	--	--	--	--	--	--	--
	Tungsten	EPA 6010	37.6	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--
	Zirconium	EPA 6010	4.79	RSL	mg/kg	--	--	--	--	--	--	--	--	--	--
VOCs	Acetone	EPA 8260	0.8	BCL	mg/kg	<0.0087	0.0084 UJ	0.015 J	0.034 J	<0.0088	0.055 J	<0.0086	<0.0083	0.084	0.020 J
	t-Amyl methyl ether	EPA 8260			mg/kg	<0.0011	<0.0011	<0.0010	<0.0011	<0.0011	<0.0011	<0.0011	<0.0010	<0.0011	<0.0013
	Benzene	EPA 8260	0.002	BCL	mg/kg	0.00054 UJ	0.00053 UJ	0.00050 UJ	0.00053 UJ	0.00055 UJ	0.00053 UJ	0.00054 UJ	0.00052 UJ	0.00054 UJ	0.00063 UJ
	Bromobenzene	EPA 8260	0.0421	RSL	mg/kg	0.0011 UJ	0.0011 UJ	0.0010 UJ	0.0011 UJ	0.0011 UJ	0.0011 UJ	0.0011 UJ	0.0010 UJ	0.0011 UJ	0.0013 UJ
	Bromochloromethane	EPA 8260			mg/kg	0.0011 UJ	0.0011 UJ	0.0010 UJ	0.0011 UJ	0.0011 UJ	0.0011 UJ	0.0011 UJ	0.0010 UJ	0.0011 UJ	0.0013 UJ
	Bromodichloromethane	EPA 8260	0.03	BCL	mg/kg	0.00054 UJ	0.00053 UJ	0.00050 UJ	0.00053 UJ	0.00055 UJ	0.00053 UJ	0.00054 UJ	0.00052 UJ	0.00054 UJ	0.00063 UJ
	Bromoform	EPA 8260	0.04	BCL	mg/kg	<0.0011	<0.0011	<0.0010	<0.0011	<0.0011	<0.0011	<0.0011	<0.0010	<0.0011	<0.0013
	Bromomethane	EPA 8260	0.01	BCL	mg/kg	0.0011 UJ	0.0011 UJ	0.0010 UJ	0.0011 UJ	0.0011 UJ	0.0011 UJ	0.0011 UJ	0.0010 UJ	0.0011 UJ	0.0013 UJ
	2-Butanone	EPA 8260	1.16	RSL	mg/kg	<0.0054	<0.0053	<0.0050	<0.0053	<0.0055	<0.0053	<0.0054	<0.0052	<0.0054	<0.0063
	n-Butylbenzene	EPA 8260	3.23	RSL	mg/kg	0.0012 J	0.0011 UJ	0.0010 UJ	0.0011 UJ	0.0011 UJ	0.0011 UJ	0.0011 UJ	0.0010 UJ	0.0011 UJ	0.0013 UJ
	sec-Butylbenzene	EPA 8260	5.87	RSL	mg/kg	0.0011 UJ	0.0011 UJ	0.0010 UJ	0.0011 UJ	0.0011 UJ	0.0011 UJ	0.0011 UJ	0.0010 UJ	0.0011 UJ	0.0013 UJ
	Carbon tetrachloride	EPA 8260	0.003	BCL	mg/kg	0.00054 UJ	0.00053 UJ	0.00050 UJ	0.00053 UJ	0.00055 UJ	0.00053 UJ	0.00054 UJ	0.00052 UJ	0.00054 UJ	0.00063 UJ
	Chlorobenzene	EPA 8260	0.07	BCL	mg/kg	<0.00054	<0.00053	<0.00050	<0.00053	<0.00055	<0.00053	<0.00054	<0.00052	<0.00054	<0.00063
	Chloroethane	EPA 8260	5.92	RSL	mg/kg	<0.0011	<0.0011	<0.0010	<0.0011	<0.0011	<0.0011	<0.0011	<0.0010	<0.0011	<0.0013
	Chloroform	EPA 8260	0.03	BCL	mg/kg	<0.00054	<0.00053	<0.00050	<0.00053	<0.00055	<0.00053	<0.00054	<0.00052	<0.00054	<0.00063
	Chloromethane	EPA 8260	0.0486	RSL	mg/kg	<0.0011	<0.0011	<0.0010	<0.0011	<0.0011	<0.0011	<0.0011	<0.0010	<0.0011	<0.0013
	2-Chlorotoluene	EPA 8260	0.231	RSL	mg/kg	0.0011 UJ	0.0011 UJ	0.0010 UJ	0.0011 UJ	0.0011 UJ	0.0011 UJ	0.0011 UJ	0.0010 UJ	0.0011 UJ	0.0013 UJ
4-Chlorotoluene	EPA 8260	0.241	RSL	mg/kg	0.0011 UJ	0.0011 UJ	0.0010 UJ	0.0011 UJ	0.0011 UJ	0.0011 UJ	0.0011 UJ	0.0010 UJ	0.0011 UJ	0.0013 UJ	
Cumene	EPA 8260	0.738	RSL	mg/kg	<0.00054	<0.00053	<0.00050	<0.00053	<0.00055	<0.00053	<0.00054	<0.00052	<0.00054	<0.00063	
p-Cymene	EPA 8260	3.91	CAL	mg/kg	0.00077 J	<0.00053	<0.00050	<0.00053	<0.00055	<0.00053	<0.00054	<0.00052	<0.00054	<0.00063	

**TABLE A-6a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 8**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-59									
			Level	Source		0.8-1.3 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs	35-35.5 ft bgs	39-39.5 ft bgs
						RISB-59-0.8-20141105	RISB-59-5.0-20141105	RISB-59-5.0-20141105-FD	RISB-59-10.0-20141105	RISB-59-15.0-20141105	RISB-59-20.0-20141105	RISB-59-25.0-20141105	RISB-59-30.0-20141105	RISB-59-35.0-20141105	RISB-59-39.0-20141105
VOCs	Dibromochloromethane	EPA 8260	0.02	BCL	mg/kg	0.00054 UJ	0.00053 UJ	0.00050 UJ	0.00053 UJ	0.00055 UJ	0.00053 UJ	0.00054 UJ	0.00052 UJ	0.00054 UJ	0.00063 UJ
	1,2-Dibromoethane	EPA 8260	0.000141	RSL	mg/kg	0.00054 UJ	0.00053 UJ	0.00050 UJ	0.00053 UJ	0.00055 UJ	0.00053 UJ	0.00054 UJ	0.00052 UJ	0.00054 UJ	0.00063 UJ
	Dibromomethane	EPA 8260	0.00197	RSL	mg/kg	<0.00054	<0.00053	<0.00050	<0.00053	<0.00055	<0.00053	<0.00054	<0.00052	<0.00054	<0.00063
	1,2-Dichlorobenzene	EPA 8260	0.9	BCL	mg/kg	0.00054 UJ	0.00053 UJ	0.00050 UJ	0.00053 UJ	0.00055 UJ	0.00053 UJ	0.00054 UJ	0.00052 UJ	0.00054 UJ	0.00063 UJ
	1,3-Dichlorobenzene	EPA 8260	0.0473	CAL	mg/kg	<0.00054	<0.00053	<0.00050	<0.00053	<0.00055	<0.00053	<0.00054	<0.00052	<0.00054	<0.00063
	1,4-Dichlorobenzene	EPA 8260	0.1	BCL	mg/kg	<0.00054	<0.00053	<0.00050	<0.00053	<0.00055	<0.00053	<0.00054	<0.00052	<0.00054	<0.00063
	Dichlorodifluoromethane	EPA 8260	0.304	RSL	mg/kg	<0.0011	<0.0011	<0.0010	<0.0011	<0.0011	<0.0011	<0.0011	<0.0010	<0.0011	<0.0013
	1,1-Dichloroethane	EPA 8260	1	BCL	mg/kg	0.00054 UJ	0.00053 UJ	0.00050 UJ	0.00053 UJ	0.00055 UJ	0.00053 UJ	0.00054 UJ	0.00052 UJ	0.00054 UJ	0.00063 UJ
	1,2-Dichloroethane	EPA 8260	0.001	BCL	mg/kg	0.00054 UJ	0.00053 UJ	0.00050 UJ	0.00053 UJ	0.00055 UJ	0.00053 UJ	0.00054 UJ	0.00052 UJ	0.00054 UJ	0.00063 UJ
	1,1-Dichloroethene	EPA 8260	0.003	BCL	mg/kg	<0.00054	<0.00053	<0.00050	<0.00053	<0.00055	<0.00053	<0.00054	<0.00052	<0.00054	<0.00063
	cis-1,2-Dichloroethene	EPA 8260	0.02	BCL	mg/kg	0.00054 UJ	0.00053 UJ	0.00050 UJ	0.00053 UJ	0.00055 UJ	0.00053 UJ	0.00054 UJ	0.00052 UJ	0.00054 UJ	0.00063 UJ
	trans-1,2-Dichloroethene	EPA 8260	0.03	BCL	mg/kg	0.00054 UJ	0.00053 UJ	0.00050 UJ	0.00053 UJ	0.00055 UJ	0.00053 UJ	0.00054 UJ	0.00052 UJ	0.00054 UJ	0.00063 UJ
	1,2-Dichloropropane	EPA 8260	0.001	BCL	mg/kg	0.00054 UJ	0.00053 UJ	0.00050 UJ	0.00053 UJ	0.00055 UJ	0.00053 UJ	0.00054 UJ	0.00052 UJ	0.00054 UJ	0.00063 UJ
	1,3-Dichloropropane	EPA 8260	0.001	BCL	mg/kg	<0.00054	<0.00053	<0.00050	<0.00053	<0.00055	<0.00053	<0.00054	<0.00052	<0.00054	<0.00063
	2,2-Dichloropropane	EPA 8260			mg/kg	0.0011 UJ	0.0011 UJ	0.0010 UJ	0.0011 UJ	0.0011 UJ	0.0011 UJ	0.0011 UJ	0.0010 UJ	0.0011 UJ	0.0013 UJ
	1,1-Dichloropropene	EPA 8260			mg/kg	0.00054 UJ	0.00053 UJ	0.00050 UJ	0.00053 UJ	0.00055 UJ	0.00053 UJ	0.00054 UJ	0.00052 UJ	0.00054 UJ	0.00063 UJ
	cis-1,3-Dichloropropene	EPA 8260			mg/kg	0.00054 UJ	0.00053 UJ	0.00050 UJ	0.00053 UJ	0.00055 UJ	0.00053 UJ	0.00054 UJ	0.00052 UJ	0.00054 UJ	0.00063 UJ
	trans-1,3-Dichloropropene	EPA 8260			mg/kg	0.00054 UJ	0.00053 UJ	0.00050 UJ	0.00053 UJ	0.00055 UJ	0.00053 UJ	0.00054 UJ	0.00052 UJ	0.00054 UJ	0.00063 UJ
	Diisopropyl ether	EPA 8260			mg/kg	0.0011 UJ	0.0011 UJ	0.0010 UJ	0.0011 UJ	0.0011 UJ	0.0011 UJ	0.0011 UJ	0.0010 UJ	0.0011 UJ	0.0013 UJ
	Ethyl benzene	EPA 8260	0.7	BCL	mg/kg	<0.00054	<0.00053	<0.00050	<0.00053	<0.00055	<0.00053	<0.00054	<0.00052	<0.00054	<0.00063
	Ethyl tert-butyl ether	EPA 8260			mg/kg	0.0011 UJ	0.0011 UJ	0.0010 UJ	0.0011 UJ	0.0011 UJ	0.0011 UJ	0.0011 UJ	0.0010 UJ	0.0011 UJ	0.0013 UJ
	Hexachlorobutadiene	EPA 8260	0.1	BCL	mg/kg	<0.0011	<0.0011	<0.0010	<0.0011	<0.0011	<0.0011	<0.0011	<0.0010	<0.0011	<0.0013
	2-Hexanone	EPA 8260			mg/kg	0.0054 UJ	0.0053 UJ	0.0050 UJ	0.0053 UJ	0.0055 UJ	0.0053 UJ	0.0054 UJ	0.0052 UJ	0.0054 UJ	0.0063 UJ
	Methyl tert-butyl ether	EPA 8260			mg/kg	<0.0011	<0.0011	<0.0010	<0.0011	<0.0011	<0.0011	<0.0011	<0.0010	<0.0011	<0.0013
	Methylene chloride	EPA 8260	0.001	BCL	mg/kg	<0.0054	<0.0053	<0.0050	<0.0053	<0.0055	<0.0053	<0.0054	<0.0052	<0.0054	<0.0063
	Naphthalene	EPA 8260	4	BCL	mg/kg	0.0011 UJ	0.0011 UJ	0.0010 UJ	0.0011 UJ	0.0011 UJ	0.0011 UJ	0.0011 UJ	0.0010 UJ	0.0011 UJ	0.0013 UJ
	n-Propylbenzene	EPA 8260	1.22	RSL	mg/kg	<b>0.00078 J</b>	0.00053 UJ	0.00050 UJ	0.00053 UJ	0.00055 UJ	0.00053 UJ	0.00054 UJ	0.00052 UJ	0.00054 UJ	0.00063 UJ
	Styrene	EPA 8260	0.2	BCL	mg/kg	0.00054 UJ	0.00053 UJ	0.00050 UJ	0.00053 UJ	0.00055 UJ	0.00053 UJ	0.00054 UJ	0.00052 UJ	0.00054 UJ	0.00063 UJ
	1,1,1,2-Tetrachloroethane	EPA 8260	0.000218	RSL	mg/kg	0.0011 UJ	0.0011 UJ	0.0010 UJ	0.0011 UJ	0.0011 UJ	0.0011 UJ	0.0011 UJ	0.0010 UJ	0.0011 UJ	0.0013 UJ
	1,1,2,2-Tetrachloroethane	EPA 8260	0.0002	BCL	mg/kg	<0.0011	<0.0011	<0.0010	<0.0011	<0.0011	<0.0011	<0.0011	<0.0010	<0.0011	<0.0013
	Tetrachloroethene	EPA 8260	0.003	BCL	mg/kg	<0.00054	<0.00053	<0.00050	<0.00053	<0.00055	<0.00053	<0.00054	<0.00052	<0.00054	<0.00063
	Toluene	EPA 8260	0.6	BCL	mg/kg	<0.00054	<0.00053	<0.00050	<0.00053	<0.00055	<0.00053	<0.00054	<0.00052	<0.00054	<0.00063
	1,2,3-Trichlorobenzene	EPA 8260	0.0209	RSL	mg/kg	0.0011 UJ	0.0011 UJ	0.0010 UJ	0.0011 UJ	0.0011 UJ	0.0011 UJ	0.0011 UJ	0.0010 UJ	0.0011 UJ	0.0013 UJ
	1,2,4-Trichlorobenzene	EPA 8260	0.3	BCL	mg/kg	0.0011 UJ	0.0011 UJ	0.0010 UJ	0.0011 UJ	0.0011 UJ	0.0011 UJ	0.0011 UJ	0.0010 UJ	0.0011 UJ	0.0013 UJ
	1,1,1-Trichloroethane	EPA 8260	0.1	BCL	mg/kg	<0.00054	<0.00053	<0.00050	<0.00053	<0.00055	<0.00053	<0.00054	<0.00052	<0.00054	<0.00063
	1,1,2-Trichloroethane	EPA 8260	0.0009	BCL	mg/kg	0.00054 UJ	0.00053 UJ	0.00050 UJ	0.00053 UJ	0.00055 UJ	0.00053 UJ	0.00054 UJ	0.00052 UJ	0.00054 UJ	0.00063 UJ
	Trichloroethene	EPA 8260	0.003	BCL	mg/kg	<0.00054	<0.00053	<0.00050	<0.00053	<0.00055	<0.00053	<0.00054	<0.00052	<0.00054	<0.00063
	Trichlorofluoromethane	EPA 8260	0.731	RSL	mg/kg	<0.0011	<0.0011	<0.0010	<0.0011	<0.0011	<0.0011	<0.0011	<0.0010	<0.0011	<0.0013
	1,2,3-Trichloropropane	EPA 8260	0.00000323	RSL	mg/kg	0.0011 UJ	0.0011 UJ	0.0010 UJ	0.0011 UJ	0.0011 UJ	0.0011 UJ	0.0011 UJ	0.0010 UJ	0.0011 UJ	0.0013 UJ
	1,2,4-Trimethylbenzene	EPA 8260	0.0212	RSL	mg/kg	<b>0.0017 J</b>	0.0011 UJ	0.0010 UJ	0.0011 UJ	0.0011 UJ	0.0011 UJ	0.0011 UJ	0.0010 UJ	0.0011 UJ	0.0013 UJ
1,3,5-Trimethylbenzene	EPA 8260	0.167	RSL	mg/kg	0.0011 UJ	0.0011 UJ	0.0010 UJ	0.0011 UJ	0.0011 UJ	0.0011 UJ	0.0011 UJ	0.0010 UJ	0.0011 UJ	0.0013 UJ	
Vinyl chloride	EPA 8260	0.0007	BCL	mg/kg	<0.0011	<0.0011	<0.0010	<0.0011	<0.0011	<0.0011	<0.0011	<0.0010	<0.0011	<0.0013	
m,p-Xylene	EPA 8260			mg/kg	<0.0011	<0.0011	<0.0010	<0.0011	<0.0011	<0.0011	<0.0011	<0.0010	<0.0011	<0.0013	
o-Xylene	EPA 8260	9	BCL	mg/kg	0.00054 UJ	0.00053 UJ	0.00050 UJ	0.00053 UJ	0.00055 UJ	0.00053 UJ	0.00054 UJ	0.00052 UJ	0.00054 UJ	0.00063 UJ	
1,2-Dibromo-3-chloropropane	EPA 8260	0.0000864	RSL	mg/kg	<0.0022	<0.0021	<0.0020	<0.0021	<0.0022	<0.0021	<0.0022	<0.0021	<0.0022	<0.0025	
4-Methyl-2-pentanone	EPA 8260			mg/kg	0.0027 UJ	0.0026 UJ	0.0025 UJ	0.0027 UJ	0.0028 UJ	0.0026 UJ	0.0027 UJ	0.0026 UJ	<b>0.0050 J</b>	0.0031 UJ	
tert Butyl alcohol	EPA 8260			mg/kg	<0.011	<0.011	<0.010	<0.011	<0.011	<0.011	<0.011	<0.010	<0.011	<0.013	
tert-Butylbenzene	EPA 8260	1.55	RSL	mg/kg	0.0011 UJ	0.0011 UJ	0.0010 UJ	0.0011 UJ	0.0011 UJ	0.0011 UJ	0.0011 UJ	0.0010 UJ	0.0011 UJ	0.0013 UJ	





**TABLE A-6a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 8**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-59										
			Level	Source		0.8-1.3 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs	35-35.5 ft bgs	39-39.5 ft bgs	
						RISB-59-0.8-20141105	RISB-59-5.0-20141105	RISB-59-5.0-20141105-FD	RISB-59-10.0-20141105	RISB-59-15.0-20141105	RISB-59-20.0-20141105	RISB-59-25.0-20141105	RISB-59-30.0-20141105	RISB-59-35.0-20141105	RISB-59-39.0-20141105	
SVOCs	2-Nitrophenol	EPA 8270			mg/kg	--	--	--	--	--	--	--	--	--	--	--
	4-Nitrophenol	EPA 8270			mg/kg	--	--	--	--	--	--	--	--	--	--	--
	n-Nitrosodiphenylamine	EPA 8270	0.06	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Octachlorostyrene	EPA 8270			mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Pentachlorophenol	EPA 8270	0.001	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Phenol	EPA 8270	5	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Pyrene	EPA 8270	210	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Pyrene	EPA 8270-SIM	210	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Pyridine	EPA 8270			mg/kg	--	--	--	--	--	--	--	--	--	--	--
	2,4,5-Trichlorophenol	EPA 8270	14	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--
	2,4,6-Trichlorophenol	EPA 8270	0.008	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--
	bis(2-Chloroethoxy)methane	EPA 8270	0.0135	RSL	mg/kg	--	--	--	--	--	--	--	--	--	--	--
	bis(2-Chloroethyl) ether	EPA 8270	0.00002	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--
	bis(2-Ethylhexyl)phthalate	EPA 8270	180	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--
4-Chloro-3-methylphenol	EPA 8270	1.71	RSL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	
n-Nitroso-di-n-propylamine	EPA 8270	0.000002	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	
Organo-phosphorus Pesticides	Atrazine	EPA 8141A			mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Chlorpyrifos	EPA 8141A	0.124	RSL	mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Coumaphos	EPA 8141A			mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Dasanit	EPA 8141A			mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Demeton (O + S)	EPA 8141A			mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Demeton-O	EPA 8141A			mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Demeton-S	EPA 8141A			mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Diazinon	EPA 8141A	0.0648	RSL	mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Dibrom	EPA 8141A			mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Dichlorovos	EPA 8141A	0.0000811	RSL	mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Dimethoate	EPA 8141A	0.000899	RSL	mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Disulfoton	EPA 8141A	0.000939	RSL	mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Ethoprop nitrophenyl benzenethiophosphate	EPA 8141A	0.00277	RSL	mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Famphur	EPA 8141A			mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Fenthion	EPA 8141A			mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Guthion	EPA 8141A			mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Malathion	EPA 8141A	0.102	RSL	mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Merphos	EPA 8141A	0.059	RSL	mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Methyl parathion	EPA 8141A	7.41	RSL	µg/kg	--	--	--	--	--	--	--	--	--	--	--
	Mevinphos	EPA 8141A			mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Parathion	EPA 8141A	432	RSL	µg/kg	--	--	--	--	--	--	--	--	--	--	--
	Phorate	EPA 8141A	0.00338	RSL	mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Prothiophos	EPA 8141A			mg/kg	--	--	--	--	--	--	--	--	--	--	--
Ronnel	EPA 8141A	3.7	RSL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	
Simazine	EPA 8141A			mg/kg	--	--	--	--	--	--	--	--	--	--	--	
Stirophos	EPA 8141A			mg/kg	--	--	--	--	--	--	--	--	--	--	--	
Sulfotepp	EPA 8141A			mg/kg	--	--	--	--	--	--	--	--	--	--	--	
Sulprofos	EPA 8141A			mg/kg	--	--	--	--	--	--	--	--	--	--	--	
Thionazin	EPA 8141A			mg/kg	--	--	--	--	--	--	--	--	--	--	--	

**TABLE A-6a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 8**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-59										
			Level	Source		0.8-1.3 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs	35-35.5 ft bgs	39-39.5 ft bgs	
						RISB-59-0.8-20141105	RISB-59-5.0-20141105	RISB-59-5.0-20141105-FD	RISB-59-10.0-20141105	RISB-59-15.0-20141105	RISB-59-20.0-20141105	RISB-59-25.0-20141105	RISB-59-30.0-20141105	RISB-59-35.0-20141105	RISB-59-39.0-20141105	
<b>Organo-phosphorus Pesticides</b>	o-Ethyl o-2,4,5-trichlorophenyl ethyl-phosphonothioate	EPA 8141A			mg/kg	--	--	--	--	--	--	--	--	--	--	--
<b>Organo-chlorine Pesticides</b>	Aldrin	EPA 8081	0.02	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--
	alpha-BHC	EPA 8081	0.0266	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--
	beta-BHC	EPA 8081	0.00545	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--
	delta-BHC	EPA 8081	28.1	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--
	gamma-BHC	EPA 8081	0.0005	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--
	alpha-Chlordane	EPA 8081			mg/kg	--	--	--	--	--	--	--	--	--	--	--
	gamma-Chlordane	EPA 8081			mg/kg	--	--	--	--	--	--	--	--	--	--	--
	4,4'-DDD	EPA 8081	0.8	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--
	2,4'-DDE	EPA 8081			mg/kg	--	--	--	--	--	--	--	--	--	--	--
	4,4'-DDE	EPA 8081	3	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--
	4,4'-DDT	EPA 8081	2	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Dieldrin	EPA 8081	0.0002	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Endosulfan I	EPA 8081			mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Endosulfan II	EPA 8081			mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Endosulfan sulfate	EPA 8081			mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Endrin	EPA 8081	0.05	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Endrin aldehyde	EPA 8081			mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Endrin ketone	EPA 8081			mg/kg	--	--	--	--	--	--	--	--	--	--	--
Heptachlor	EPA 8081	1	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	
Heptachlor epoxide	EPA 8081	0.03	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	
Methoxychlor	EPA 8081	8	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	
Toxaphene	EPA 8081	2	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	
<b>PAHs</b>	Acenaphthylene	EPA 8270	0.0106	CAL	mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Acenaphthylene	EPA 8270-SIM	0.0106	CAL	mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Benzo(a)anthracene	EPA 8270	0.08	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Benzo(a)anthracene	EPA 8270-SIM	0.08	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Benzo(a)pyrene	EPA 8270	0.4	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Benzo(a)pyrene	EPA 8270-SIM	0.4	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Benzo(b)fluoranthene	EPA 8270	0.2	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Benzo(b)fluoranthene	EPA 8270-SIM	0.2	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Benzo(g,h,i)perylene	EPA 8270			mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Benzo(g,h,i)perylene	EPA 8270-SIM			mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Indeno(1,2,3-cd)pyrene	EPA 8270	0.7	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Indeno(1,2,3-cd)pyrene	EPA 8270-SIM	0.7	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--
Phenanthrene	EPA 8270	0.0243	CAL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	
Phenanthrene	EPA 8270-SIM	0.0243	CAL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	
<b>PCBs</b>	Aroclor-1260	EPA 8082	0.00549	RSL	mg/kg	--	--	--	--	--	--	--	--	--	--	--
	PCB-001	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCB-002	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCB-003	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCB-004	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCB-005	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCB-006	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCB-007	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCB-008	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCB-009	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
PCB-010	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	







**TABLE A-6a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 8**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-59										
			Level	Source		0.8-1.3 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs	35-35.5 ft bgs	39-39.5 ft bgs	
						RISB-59-0.8-20141105	RISB-59-5.0-20141105	RISB-59-5.0-20141105-FD	RISB-59-10.0-20141105	RISB-59-15.0-20141105	RISB-59-20.0-20141105	RISB-59-25.0-20141105	RISB-59-30.0-20141105	RISB-59-35.0-20141105	RISB-59-39.0-20141105	
PCBs	PCBs 44+47+65	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCBs 49+69	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCBs 50+53	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCBs 59+62+75	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCBs 61+70+74+76	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCBs 85+116+117	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCBs 86+87+97+108+119+125	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCBs 88+91	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCBs 90+101+113	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCBs 93+100	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCBs 98+102	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
Dioxins/Furans	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--	--	--
	1,2,3,4,6,7,8-Heptachlorodibenzofuran	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--	--	--
	1,2,3,4,7,8,9-Heptachlorodibenzofuran	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--	--	--
	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--	--	--
	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--	--	--
	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--	--	--
	1,2,3,4,7,8-Hexachlorodibenzofuran	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--	--	--
	1,2,3,6,7,8-Hexachlorodibenzofuran	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--	--	--
	1,2,3,7,8,9-Hexachlorodibenzofuran	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--	--	--
	2,3,4,6,7,8-Hexachlorodibenzofuran	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--	--	--
	HpCDD (total)	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--	--	--
	HpCDF (total)	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--	--	--
	HxCDD (total)	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--	--	--
	HxCDF (total)	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--	--	--
	1,2,3,4,5,6,7,8-Octachlorodibenzo-p-dioxin	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--	--	--
	1,2,3,4,5,6,7,8-Octachlorodibenzofuran	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PeCDD (total)	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PeCDF (total)	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--	--	--
	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--	--	--
	1,2,3,7,8-Pentachlorodibenzofuran	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--	--	--
	2,3,4,7,8-Pentachlorodibenzofuran	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--	--	--
	TCDD (total)	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--	--	--
	TCDF (total)	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--	--	--
2,3,7,8-Tetrachlorodibenzo-p-dioxin	EPA 8290		15 RSL	pg/g	--	--	--	--	--	--	--	--	--	--	--	

**TABLE A-6a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 8**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-59										
			Level	Source		0.8-1.3 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs	35-35.5 ft bgs	39-39.5 ft bgs	
						RISB-59-0.8-20141105	RISB-59-5.0-20141105	RISB-59-5.0-20141105-FD	RISB-59-10.0-20141105	RISB-59-15.0-20141105	RISB-59-20.0-20141105	RISB-59-25.0-20141105	RISB-59-30.0-20141105	RISB-59-35.0-20141105	RISB-59-39.0-20141105	
Dioxins/Furans	2,3,7,8-Tetrachlorodibenzofuran	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--	--	--
	Total PCB TEQs (calculated by TAS)	EPA 8280A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	Total TEQ (Calculated)	EPA 8280A			pg/g	--	--	--	--	--	--	--	--	--	--	--
Organic Acids	Phthalic acid	EPA 8270			µg/kg	--	--	--	--	--	--	--	--	--	--	--
Radionuclides	Radium-226	EPA 903.0	0.006	BCL	pCi/g	--	--	--	--	--	--	--	--	--	--	--
	Radium-228	EPA 904.0	0.006	BCL	pCi/g	--	--	--	--	--	--	--	--	--	--	--
	Thorium-228	DOE A-01-R	0.0027	BCL	pCi/g	--	--	--	--	--	--	--	--	--	--	--
	Thorium-230	DOE A-01-R	0.001	BCL	pCi/g	--	--	--	--	--	--	--	--	--	--	--
	Thorium-232	DOE A-01-R	0.0035	BCL	pCi/g	--	--	--	--	--	--	--	--	--	--	--
	Uranium-233/234	DOE A-01-R			pCi/g	--	--	--	--	--	--	--	--	--	--	--
	Uranium-235/236	DOE A-01-R			pCi/g	--	--	--	--	--	--	--	--	--	--	--
	Uranium-238	DOE A-01-R			pCi/g	--	--	--	--	--	--	--	--	--	--	--
	Uranium-238	EPA 6020	13.5	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--
Total Petroleum Hydrocarbons	Diesel Range Organics (C10-C28)	EPA 8015			mg/kg	<b>58</b>	<b>11 J</b>	2.6 UJ	<2.7	<b>5.1 J</b>	<b>18</b>	<2.7	<b>3.1 J</b>	<b>36</b>	<b>5.8 J</b>	
	EFH (C10-C40)	EPA 8015			mg/kg	<b>1,000</b>	<b>28 J</b>	<b>5.3 J</b>	<b>2.7 J</b>	<b>8.5</b>	<b>28</b>	<b>3.8 J</b>	<b>4.8 J</b>	<b>49</b>	<b>11</b>	
	Gasoline Range Organics (C6-C10)	EPA 8015			µg/kg	<150	<160	<160	<160	<160	<160	<150	<160	<160	<190	
	Petroleum Hydrocarbons (C29-C40)	EPA 8015			mg/kg	<b>800</b>	<b>6.8 J</b>	2.6 UJ	<2.7	<2.7	<b>8.7</b>	<2.7	<2.6	<b>3.8 J</b>	<b>3.1 J</b>	
General Chemistry	Alkalinity (as CaCO3)	SM 2320			mg/kg	<b>32,000</b>	<b>21,000</b>	<b>21,000</b>	<b>51,000</b>	<b>76,000</b>	<b>52,000</b>	<b>52,000</b>	<b>5,300</b>	<b>33,000</b>	<b>400,000</b>	
	Ammonia (as NH3)	SM 4500			mg/kg	<b>3.5 J</b>	<b>3.9 J</b>	2.6 UJ	<2.6	<2.6	<b>3.6 J</b>	<b>3.2 J</b>	<2.5	<2.7	<b>3.1 J</b>	
	Bicarbonate as HCO3	SM 2320			mg/kg	<b>39,000</b>	<b>25,000</b>	<b>26,000</b>	<b>62,000</b>	<b>93,000</b>	<b>63,000</b>	<b>62,000</b>	<b>5,200</b>	<b>40,000</b>	<b>480,000</b>	
	Bromide	EPA 300			mg/kg	<3.8	<3.7	<3.8	<3.8	3.9 UJ	<3.9	<3.8	<3.7	<3.9	<4.4	
	Carbonate (CO3)	SM 2320			mg/kg	<320	<320	<320	<320	<330	<b>330</b>	<b>960</b>	<b>630</b>	<330	<b>1,500</b>	
	Chloride	EPA 300			mg/kg	<b>180</b>	<b>40</b>	<b>30</b>	<b>57</b>	<b>47</b>	<b>50</b>	<b>35</b>	<b>26</b>	<b>60</b>	<b>62</b>	
	Hydroxide	SM 2320			mg/kg	<180	<180	<180	<180	<190	<190	<180	<180	<190	<210	
	Nitrate	EPA 300	7	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	
	Nitrate (as NO3)	EPA 300			mg/kg	<b>19 J</b>	<b>7.6 J</b>	<b>6.4 J</b>	<b>7.1 J</b>	<b>15 J</b>	<b>15 J</b>	<b>11 J</b>	<b>9.8 J</b>	<b>5.0 J</b>	<b>5.0 J</b>	
	Nitrate/Nitrite	EPA 300			mg/kg	<b>4.4</b>	<b>1.7</b>	<b>1.4</b>	<b>1.6</b>	<b>3.3</b>	<b>3.4</b>	<b>2.5</b>	<b>2.2</b>	<b>1.1</b>	<b>1.1</b>	
	Nitrite	EPA 300			mg/kg	1.2 UJ	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.4	
	ortho-Phosphate (total) (as PO4)	EPA 300			mg/kg	<4.3 R	<4.2 R	<4.3 R	<4.3 R	<4.4 R	<4.4 R	<4.3 R	<4.2 R	<4.4 R	<5.0 R	
	Phosphorus (total)	EPA 6010	0.00148	RSL	mg/kg	--	--	--	--	--	--	--	--	--	--	
	Silicon	EPA 6010			mg/kg	--	--	--	--	--	--	--	--	--	--	
	Sulfate	EPA 300			mg/kg	<b>8,200</b>	<b>1,500 J</b>	<b>890 J</b>	<b>1,200</b>	<b>800</b>	<b>890</b>	<b>200</b>	<b>310</b>	<b>8,000</b>	<b>950</b>	
Sulfur	EPA 6020			mg/kg	<b>1,000 J</b>	<b>780 J</b>	<b>1,700 J</b>	<b>2,000 J</b>	<b>1,400 J</b>	<b>1,500 J</b>	<b>920 J</b>	<b>1,600 J</b>	<b>1,300 J</b>	<b>2,200 J</b>		
pH	EPA 9045			s.u.	--	--	--	--	--	--	--	--	--	--		

**Notes:**

ft bgs: feet below ground surface

FD: Field Duplicate

Above Screening Level

bold value: detection

Soil screening levels were selected according to the following hierarchy of criteria:

1. Basic Comparison Level (BCL): Leaching-based basic comparison levels (LBCL) with dilution attenuation factor (DAF) of 1 in the most recent version of Nevada Division of

**Sources:**

NDEP, 2015. User's Guide and Background Technical Document for NDEP Basic

Comparison Levels (BCLs) for Human Health for the BMI Complex and

Common Areas. Revision 13, February.

USEPA, 2015. Regional Screening Levels (RSL) for Chemical Contaminants at Superfund

Sites. June.



**TABLE A-6a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 8**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-59									
						0.8-1.3 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs	35-35.5 ft bgs	39-39.5 ft bgs
			Level	Source		RISB-59-0.8-20141105	RISB-59-5.0-20141105	RISB-59-5.0-20141105-FD	RISB-59-10.0-20141105	RISB-59-15.0-20141105	RISB-59-20.0-20141105	RISB-59-25.0-20141105	RISB-59-30.0-20141105	RISB-59-35.0-20141105	RISB-59-39.0-20141105

Environmental Protection (NDEP) documents (February 2015).

2. Regional Screening Level (RSL): United States Environmental Protection Agency (USEPA) Regional Screening Levels (RSL) for groundwater protection (June 2015), with the maximum contaminant level (MCL) based screening levels selected over the risk-based screening levels, if available (USEPA 2015)
3. Calculated Criteria (CAL): Generic leaching-based BCLs (LBCLs) calculated using the approach presented in NDEP guidance (NDEP 2015).

**TABLE A-6a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 8**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-60									
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs	30-30.5 ft bgs	35-35.5 ft bgs	
						RISB-60-0.5-20141112	RISB-60-5.0-20141112	RISB-60-10.0-20141112	RISB-60-15.0-20141112	RISB-60-20.0-20141112	RISB-60-25.0-20141112	RISB-60-30.0-20141112	RISB-60-30.0-20141112-FD	RISB-60-35.0-20141112	
Chlorates	Chlorate	EPA 300.1	1.03	BCL	mg/kg	<0.058	<0.055	<0.055	<0.055	<0.055	<0.055	<0.053	<0.053	<0.056	
	Perchlorate	EPA 314.0	0.0185	BCL	mg/kg	0.19 J	0.37 J	0.81 J	4.3 J	6.3	1.3 J	0.27 J	0.30 J	0.64 J	
Common Metals	Aluminum	EPA 6010	75	BCL	mg/kg	11,000	8,000	9,500	9,100	11,000	11,000	9,900	11,000	10,000	
	Antimony	EPA 6020	0.3	BCL	mg/kg	9.7 J	0.55 UJ	0.55 UJ	0.54 UJ	0.55 UJ	0.54 UJ	0.53 UJ	0.53 UJ	0.56 UJ	
	Arsenic	EPA 6020	1	BCL	mg/kg	38	2.4	2.6	3.0	3.9	3.7	3.5	4.2	18	
	Barium	EPA 6010	82	BCL	mg/kg	770 J	140 J	170 J	190 J	180 J	200 J	150 J	200 J	120 J	
	Boron	EPA 6010	21.4	BCL	mg/kg	<14	<14	<14	<5.4	9.4	10	9.1	9.5	15	
	Cadmium	EPA 6010	0.4	BCL	mg/kg	<1.4	<1.4	<1.4	<0.54	0.31 J	0.32 J	0.30 J	0.37 J	<0.28	
	Chromium (total)	EPA 6010	180,000	RSL	mg/kg	18	12	15	13	14	16	14	16	16	
	Cobalt	EPA 6010	0.453	BCL	mg/kg	39	17	17	8.8	8.9	9.0	8.9	11	7.3	
	Copper	EPA 6010	45.8	BCL	mg/kg	100	17	19	19	21	22	22	23	18	
	Iron	EPA 6010	7.56	BCL	mg/kg	16,000	15,000	17,000	17,000	18,000	18,000	17,000	17,000	15,000	
	Lead	EPA 6010	13.5	RSL	mg/kg	200	19	15	17	9.3	9.5	8.8 J	15 J	7.6	
	Magnesium	EPA 6010	889	BCL	mg/kg	7,600 J	6,800 J	8,300 J	8,600 J	11,000 J	12,000 J	10,000 J	11,000 J	11,000 J	
	Manganese	EPA 6010	1.3	BCL	mg/kg	17,000 J	24,000 J	16,000 J	7,300 J	2,800 J	3,100 J	1,600 J	4,400 J	2,700 J	
	Mercury	EPA 7471	0.104	BCL	mg/kg	0.043 J	0.013 UJ	0.020 J	0.018 J	<0.014	0.013 UJ	<0.013	<0.013	<0.014	
	Molybdenum	EPA 6010	3.37	BCL	mg/kg	<5.7	<5.5	<5.5	<2.2	<1.1	1.3 J	1.6 J	2.0 J	1.1 J	
	Nickel	EPA 6010	7	BCL	mg/kg	35	22	23	18	18	18	18	19	15	
	Selenium	EPA 6020	0.3	BCL	mg/kg	<0.57	<0.55	<0.55	<0.54	<0.55	<0.54	<0.53	<0.53	<0.56	
Silver	EPA 6010	0.85	BCL	mg/kg	<4.3	<4.2	<4.1	<1.6	<0.82	<0.82	0.79 UJ	0.95 J	<0.84		
Thallium	EPA 6020	0.4	BCL	mg/kg	3.3	<0.28	<0.27	<0.27	<0.27	<0.27	0.34 J	0.32 J	<0.28		
Zinc	EPA 6010	620	BCL	mg/kg	130	120	62	43	38	40	40	62	34		
Hexavalent Chromium	Chromium VI	EPA 7199	2	BCL	mg/kg	0.63 J	<0.45	<0.45	<0.44	<0.44	<0.44	<0.43	<0.43	<0.45	
Rare Metals	Niobium	EPA 6020	1.17	BCL	mg/kg	--	--	--	--	--	--	--	--	--	
	Palladium	EPA 6020			mg/kg	--	--	--	--	--	--	--	--	--	
	Strontium	EPA 6010	422	RSL	mg/kg	--	--	--	--	--	--	--	--	--	
	Tungsten	EPA 6010	37.6	BCL	mg/kg	--	--	--	--	--	--	--	--	--	
	Zirconium	EPA 6010	4.79	RSL	mg/kg	--	--	--	--	--	--	--	--	--	
VOCs	Acetone	EPA 8260	0.8	BCL	mg/kg	0.0083 UJ	0.0086 UJ	<0.0090	0.0082 UJ	0.0080 UJ	0.0089 UJ	0.020 J	0.0084 UJ	0.0085 UJ	
	t-Amyl methyl ether	EPA 8260			mg/kg	<0.0010	<0.0011	<0.0011	<0.0010	<0.0010	<0.0011	<0.0012	<0.0010	<0.0011	
	Benzene	EPA 8260	0.002	BCL	mg/kg	0.00052 UJ	0.00054 UJ	0.0010 J	0.00051 UJ	0.00050 UJ	0.00055 UJ	0.00060 UJ	0.00052 UJ	0.00053 UJ	
	Bromobenzene	EPA 8260	0.0421	RSL	mg/kg	0.0010 UJ	0.0011 UJ	<0.0011	0.0010 UJ	0.0010 UJ	0.0011 UJ	0.0012 UJ	0.0010 UJ	0.0011 UJ	
	Bromochloromethane	EPA 8260			mg/kg	0.0010 UJ	0.0011 UJ	<0.0011	0.0010 UJ	0.0010 UJ	0.0011 UJ	0.0012 UJ	0.0010 UJ	0.0011 UJ	
	Bromodichloromethane	EPA 8260	0.03	BCL	mg/kg	0.00052 UJ	0.00054 UJ	<0.00056	0.00051 UJ	0.00050 UJ	0.00055 UJ	0.00060 UJ	0.00052 UJ	0.00053 UJ	
	Bromoform	EPA 8260	0.04	BCL	mg/kg	<0.0010	<0.0011	<0.0011	<0.0010	<0.0010	<0.0011	<0.0012	<0.0010	<0.0011	
	Bromomethane	EPA 8260	0.01	BCL	mg/kg	<0.0010	<0.0011	<0.0011	<0.0010	<0.0010	<0.0011	<0.0012	<0.0010	<0.0011	
	2-Butanone	EPA 8260	1.16	RSL	mg/kg	0.0052 UJ	0.0054 UJ	<0.0056	0.0051 UJ	0.0050 UJ	0.0055 UJ	0.0060 UJ	0.0052 UJ	0.0053 UJ	
	n-Butylbenzene	EPA 8260	3.23	RSL	mg/kg	0.0010 UJ	0.0011 UJ	<0.0011	0.0010 UJ	0.0010 UJ	0.0011 UJ	0.0012 UJ	0.0010 UJ	0.0011 UJ	
	sec-Butylbenzene	EPA 8260	5.87	RSL	mg/kg	0.0010 UJ	0.0011 UJ	<0.0011	0.0010 UJ	0.0010 UJ	0.0011 UJ	0.0012 UJ	0.0010 UJ	0.0011 UJ	
	Carbon tetrachloride	EPA 8260	0.003	BCL	mg/kg	0.00052 UJ	0.00054 UJ	<0.00056	0.00051 UJ	0.00050 UJ	0.00055 UJ	0.00060 UJ	0.00052 UJ	0.00053 UJ	
	Chlorobenzene	EPA 8260	0.07	BCL	mg/kg	<0.00052	<0.00054	<0.00056	<0.00051	<0.00050	<0.00055	<0.00060	<0.00052	<0.00053	
	Chloroethane	EPA 8260	5.92	RSL	mg/kg	<0.0010	<0.0011	<0.0011	<0.0010	<0.0010	<0.0011	<0.0012	<0.0010	<0.0011	
	Chloroform	EPA 8260	0.03	BCL	mg/kg	<0.00052	<0.00054	<0.00056	<0.00051	<0.00050	<0.00055	<0.00060	<0.00052	<0.00053	
	Chloromethane	EPA 8260	0.0486	RSL	mg/kg	<0.0010	<0.0011	<0.0011	<0.0010	<0.0010	<0.0011	<0.0012	<0.0010	<0.0011	
	2-Chlorotoluene	EPA 8260	0.231	RSL	mg/kg	0.0010 UJ	0.0011 UJ	<0.0011	0.0010 UJ	0.0010 UJ	0.0011 UJ	0.0012 UJ	0.0010 UJ	0.0011 UJ	
	4-Chlorotoluene	EPA 8260	0.241	RSL	mg/kg	0.0010 UJ	0.0011 UJ	<0.0011	0.0010 UJ	0.0010 UJ	0.0011 UJ	0.0012 UJ	0.0010 UJ	0.0011 UJ	
	Cumene	EPA 8260	0.738	RSL	mg/kg	<0.00052	<0.00054	<0.00056	<0.00051	<0.00050	<0.00055	<0.00060	<0.00052	<0.00053	
p-Cymene	EPA 8260	3.91	CAL	mg/kg	<0.00052	<0.00054	<0.00056	<0.00051	<0.00050	<0.00055	<0.00060	<0.00052	<0.00053		

**TABLE A-6a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 8**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-60								
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs	30-30.5 ft bgs	35-35.5 ft bgs
						RISB-60-0.5-20141112	RISB-60-5.0-20141112	RISB-60-10.0-20141112	RISB-60-15.0-20141112	RISB-60-20.0-20141112	RISB-60-25.0-20141112	RISB-60-30.0-20141112	RISB-60-30.0-20141112-FD	RISB-60-35.0-20141112
VOCs	Dibromochloromethane	EPA 8260	0.02	BCL	mg/kg	0.00052 UJ	0.00054 UJ	<0.00056	0.00051 UJ	0.00050 UJ	0.00055 UJ	0.00060 UJ	0.00052 UJ	0.00053 UJ
	1,2-Dibromoethane	EPA 8260	0.000141	RSL	mg/kg	0.00052 UJ	0.00054 UJ	<0.00056	0.00051 UJ	0.00050 UJ	0.00055 UJ	0.00060 UJ	0.00052 UJ	0.00053 UJ
	Dibromomethane	EPA 8260	0.00197	RSL	mg/kg	<0.00052	<0.00054	<0.00056	<0.00051	<0.00050	<0.00055	<0.00060	<0.00052	<0.00053
	1,2-Dichlorobenzene	EPA 8260	0.9	BCL	mg/kg	0.00052 UJ	0.00054 UJ	<0.00056	0.00051 UJ	0.00050 UJ	0.00055 UJ	0.00060 UJ	0.00052 UJ	0.00053 UJ
	1,3-Dichlorobenzene	EPA 8260	0.0473	CAL	mg/kg	<0.00052	<0.00054	<0.00056	<0.00051	<0.00050	<0.00055	<0.00060	<0.00052	<0.00053
	1,4-Dichlorobenzene	EPA 8260	0.1	BCL	mg/kg	<0.00052	<0.00054	<0.00056	<0.00051	<0.00050	<0.00055	<0.00060	<0.00052	<0.00053
	Dichlorodifluoromethane	EPA 8260	0.304	RSL	mg/kg	0.0010 UJ	0.0011 UJ	0.0011 UJ	0.0010 UJ	0.0010 UJ	0.0011 UJ	0.0012 UJ	0.0010 UJ	0.0011 UJ
	1,1-Dichloroethane	EPA 8260	1	BCL	mg/kg	0.00052 UJ	0.00054 UJ	<0.00056	0.00051 UJ	0.00050 UJ	0.00055 UJ	0.00060 UJ	0.00052 UJ	0.00053 UJ
	1,2-Dichloroethane	EPA 8260	0.001	BCL	mg/kg	<0.00052	<0.00054	<0.00056	<0.00051	<0.00050	<0.00055	<0.00060	<0.00052	<0.00053
	1,1-Dichloroethene	EPA 8260	0.003	BCL	mg/kg	<0.00052	<0.00054	<0.00056	<0.00051	<0.00050	<0.00055	<0.00060	<0.00052	<0.00053
	cis-1,2-Dichloroethene	EPA 8260	0.02	BCL	mg/kg	0.00052 UJ	0.00054 UJ	<0.00056	0.00051 UJ	0.00050 UJ	0.00055 UJ	0.00060 UJ	0.00052 UJ	0.00053 UJ
	trans-1,2-Dichloroethene	EPA 8260	0.03	BCL	mg/kg	0.00052 UJ	0.00054 UJ	<0.00056	0.00051 UJ	0.00050 UJ	0.00055 UJ	0.00060 UJ	0.00052 UJ	0.00053 UJ
	1,2-Dichloropropane	EPA 8260	0.001	BCL	mg/kg	0.00052 UJ	0.00054 UJ	<0.00056	0.00051 UJ	0.00050 UJ	0.00055 UJ	0.00060 UJ	0.00052 UJ	0.00053 UJ
	1,3-Dichloropropane	EPA 8260	0.001	BCL	mg/kg	<0.00052	<0.00054	<0.00056	<0.00051	<0.00050	<0.00055	<0.00060	<0.00052	<0.00053
	2,2-Dichloropropane	EPA 8260			mg/kg	0.0010 UJ	0.0011 UJ	<0.0011	0.0010 UJ	0.0010 UJ	0.0011 UJ	0.0012 UJ	0.0010 UJ	0.0011 UJ
	1,1-Dichloropropene	EPA 8260			mg/kg	0.00052 UJ	0.00054 UJ	<0.00056	0.00051 UJ	0.00050 UJ	0.00055 UJ	0.00060 UJ	0.00052 UJ	0.00053 UJ
	cis-1,3-Dichloropropene	EPA 8260			mg/kg	0.00052 UJ	0.00054 UJ	<0.00056	0.00051 UJ	0.00050 UJ	0.00055 UJ	0.00060 UJ	0.00052 UJ	0.00053 UJ
	trans-1,3-Dichloropropene	EPA 8260			mg/kg	0.00052 UJ	0.00054 UJ	<0.00056	0.00051 UJ	0.00050 UJ	0.00055 UJ	0.00060 UJ	0.00052 UJ	0.00053 UJ
	Diisopropyl ether	EPA 8260			mg/kg	0.0010 UJ	0.0011 UJ	<0.0011	0.0010 UJ	0.0010 UJ	0.0011 UJ	0.0012 UJ	0.0010 UJ	0.0011 UJ
	Ethyl benzene	EPA 8260	0.7	BCL	mg/kg	<0.00052	<0.00054	<0.00056	<0.00051	<0.00050	<0.00055	<0.00060	<0.00052	<0.00053
	Ethyl tert-butyl ether	EPA 8260			mg/kg	0.0010 UJ	0.0011 UJ	<0.0011	0.0010 UJ	0.0010 UJ	0.0011 UJ	0.0012 UJ	0.0010 UJ	0.0011 UJ
	Hexachlorobutadiene	EPA 8260	0.1	BCL	mg/kg	<0.0010	<0.0011	<0.0011	<0.0010	<0.0010	<0.0011	<0.0012	<0.0010	<0.0011
	2-Hexanone	EPA 8260			mg/kg	0.0052 UJ	0.0054 UJ	<0.0056	0.0051 UJ	0.0050 UJ	0.0055 UJ	0.0060 UJ	0.0052 UJ	0.0053 UJ
	Methyl tert-butyl ether	EPA 8260			mg/kg	<0.0010	<0.0011	<0.0011	<0.0010	<0.0010	<0.0011	<0.0012	<0.0010	<0.0011
	Methylene chloride	EPA 8260	0.001	BCL	mg/kg	<0.0052	<0.0054	<0.0056	<0.0051	<0.0050	<0.0055	<0.0060	<0.0052	<0.0053
	Naphthalene	EPA 8260	4	BCL	mg/kg	0.0010 UJ	0.0011 UJ	<b>0.0026</b>	0.0010 UJ	0.0010 UJ	0.0011 UJ	0.0012 UJ	0.0010 UJ	0.0011 UJ
	n-Propylbenzene	EPA 8260	1.22	RSL	mg/kg	0.00052 UJ	0.00054 UJ	<0.00056	0.00051 UJ	0.00050 UJ	0.00055 UJ	0.00060 UJ	0.00052 UJ	0.00053 UJ
	Styrene	EPA 8260	0.2	BCL	mg/kg	0.00052 UJ	0.00054 UJ	<0.00056	0.00051 UJ	0.00050 UJ	0.00055 UJ	0.00060 UJ	0.00052 UJ	0.00053 UJ
	1,1,1,2-Tetrachloroethane	EPA 8260	0.000218	RSL	mg/kg	0.0010 UJ	0.0011 UJ	<0.0011	0.0010 UJ	0.0010 UJ	0.0011 UJ	0.0012 UJ	0.0010 UJ	0.0011 UJ
	1,1,2,2-Tetrachloroethane	EPA 8260	0.0002	BCL	mg/kg	<0.0010	<0.0011	<0.0011	<0.0010	<0.0010	<0.0011	<0.0012	<0.0010	<0.0011
	Tetrachloroethene	EPA 8260	0.003	BCL	mg/kg	<0.00052	<0.00054	<0.00056	<0.00051	<0.00050	<0.00055	<0.00060	<0.00052	<0.00053
	Toluene	EPA 8260	0.6	BCL	mg/kg	<0.00052	<0.00054	<0.00056	<0.00051	<0.00050	<0.00055	<0.00060	<0.00052	<0.00053
	1,2,3-Trichlorobenzene	EPA 8260	0.0209	RSL	mg/kg	0.0010 UJ	0.0011 UJ	<0.0011	0.0010 UJ	0.0010 UJ	0.0011 UJ	0.0012 UJ	0.0010 UJ	0.0011 UJ
1,2,4-Trichlorobenzene	EPA 8260	0.3	BCL	mg/kg	0.0010 UJ	0.0011 UJ	<0.0011	0.0010 UJ	0.0010 UJ	0.0011 UJ	0.0012 UJ	0.0010 UJ	0.0011 UJ	
1,1,1-Trichloroethane	EPA 8260	0.1	BCL	mg/kg	0.00052 UJ	0.00054 UJ	<0.00056	0.00051 UJ	0.00050 UJ	0.00055 UJ	0.00060 UJ	0.00052 UJ	0.00053 UJ	
1,1,2-Trichloroethane	EPA 8260	0.0009	BCL	mg/kg	0.00052 UJ	0.00054 UJ	<0.00056	0.00051 UJ	0.00050 UJ	0.00055 UJ	0.00060 UJ	0.00052 UJ	0.00053 UJ	
Trichloroethene	EPA 8260	0.003	BCL	mg/kg	<0.00052	<0.00054	<0.00056	<0.00051	<0.00050	<0.00055	<0.00060	<0.00052	<0.00053	
Trichlorofluoromethane	EPA 8260	0.731	RSL	mg/kg	<0.0010	<0.0011	<0.0011	<0.0010	<0.0010	<0.0011	<0.0012	<0.0010	<0.0011	
1,2,3-Trichloropropane	EPA 8260	0.00000323	RSL	mg/kg	0.0010 UJ	0.0011 UJ	<0.0011	0.0010 UJ	0.0010 UJ	0.0011 UJ	0.0012 UJ	0.0010 UJ	0.0011 UJ	
1,2,4-Trimethylbenzene	EPA 8260	0.0212	RSL	mg/kg	0.0010 UJ	0.0011 UJ	<0.0011	0.0010 UJ	0.0010 UJ	0.0011 UJ	0.0012 UJ	0.0010 UJ	0.0011 UJ	
1,3,5-Trimethylbenzene	EPA 8260	0.167	RSL	mg/kg	0.0010 UJ	0.0011 UJ	<0.0011	0.0010 UJ	0.0010 UJ	0.0011 UJ	0.0012 UJ	0.0010 UJ	0.0011 UJ	
Vinyl chloride	EPA 8260	0.0007	BCL	mg/kg	<0.0010	<0.0011	<0.0011	<0.0010	<0.0010	<0.0011	<0.0012	<0.0010	<0.0011	
m,p-Xylene	EPA 8260			mg/kg	<0.0010	<0.0011	<0.0011	<0.0010	<0.0010	<0.0011	<0.0012	<0.0010	<0.0011	
o-Xylene	EPA 8260	9	BCL	mg/kg	0.00052 UJ	0.00054 UJ	<0.00056	0.00051 UJ	0.00050 UJ	0.00055 UJ	0.00060 UJ	0.00052 UJ	0.00053 UJ	
1,2-Dibromo-3-chloropropane	EPA 8260	0.0000864	RSL	mg/kg	<0.0021	<0.0021	<0.0022	<0.0020	<0.0020	<0.0022	<0.0024	<0.0021	<0.0021	
4-Methyl-2-pentanone	EPA 8260			mg/kg	0.0026 UJ	0.0027 UJ	<0.0028	0.0026 UJ	0.0025 UJ	0.0028 UJ	0.0030 UJ	0.0026 UJ	0.0027 UJ	
tert Butyl alcohol	EPA 8260			mg/kg	<0.010	<0.011	<0.011	<0.010	<0.010	<0.011	<0.012	<0.010	<0.011	
tert-Butylbenzene	EPA 8260	1.55	RSL	mg/kg	0.0010 UJ	0.0011 UJ	<0.0011	0.0010 UJ	0.0010 UJ	0.0011 UJ	0.0012 UJ	0.0010 UJ	0.0011 UJ	



**TABLE A-6a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 8**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-60										
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs	30-30.5 ft bgs	35-35.5 ft bgs		
						RISB-60-0.5-20141112	RISB-60-5.0-20141112	RISB-60-10.0-20141112	RISB-60-15.0-20141112	RISB-60-20.0-20141112	RISB-60-25.0-20141112	RISB-60-30.0-20141112	RISB-60-30.0-20141112-FD	RISB-60-35.0-20141112		
SVOCs	2-Nitrophenol	EPA 8270			mg/kg	--	--	--	--	--	--	--	--	--	--	--
	4-Nitrophenol	EPA 8270			mg/kg	--	--	--	--	--	--	--	--	--	--	--
	n-Nitrosodiphenylamine	EPA 8270	0.06	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Octachlorostyrene	EPA 8270			mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Pentachlorophenol	EPA 8270	0.001	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Phenol	EPA 8270	5	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Pyrene	EPA 8270	210	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Pyrene	EPA 8270-SIM	210	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Pyridine	EPA 8270			mg/kg	--	--	--	--	--	--	--	--	--	--	--
	2,4,5-Trichlorophenol	EPA 8270	14	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--
	2,4,6-Trichlorophenol	EPA 8270	0.008	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--
	bis(2-Chloroethoxy)methane	EPA 8270	0.0135	RSL	mg/kg	--	--	--	--	--	--	--	--	--	--	--
	bis(2-Chloroethyl) ether	EPA 8270	0.00002	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--
	bis(2-Ethylhexyl)phthalate	EPA 8270	180	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--
4-Chloro-3-methylphenol	EPA 8270	1.71	RSL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	
n-Nitroso-di-n-propylamine	EPA 8270	0.000002	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	
Organo-phosphorus Pesticides	Atrazine	EPA 8141A			mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Chlorpyrifos	EPA 8141A	0.124	RSL	mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Coumaphos	EPA 8141A			mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Dasanit	EPA 8141A			mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Demeton (O + S)	EPA 8141A			mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Demeton-O	EPA 8141A			mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Demeton-S	EPA 8141A			mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Diazinon	EPA 8141A	0.0648	RSL	mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Dibrom	EPA 8141A			mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Dichlorovos	EPA 8141A	0.0000811	RSL	mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Dimethoate	EPA 8141A	0.000899	RSL	mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Disulfoton	EPA 8141A	0.000939	RSL	mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Ethoprop nitrophenyl benzenethiophosphate	EPA 8141A			mg/kg	--	--	--	--	--	--	--	--	--	--	--
		EPA 8141A	0.00277	RSL	mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Famphur	EPA 8141A			mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Fenthion	EPA 8141A			mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Guthion	EPA 8141A			mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Malathion	EPA 8141A	0.102	RSL	mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Merphos	EPA 8141A	0.059	RSL	mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Methyl parathion	EPA 8141A	7.41	RSL	µg/kg	--	--	--	--	--	--	--	--	--	--	--
	Mevinphos	EPA 8141A			mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Parathion	EPA 8141A	432	RSL	µg/kg	--	--	--	--	--	--	--	--	--	--	--
	Phorate	EPA 8141A	0.00338	RSL	mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Prothiophos	EPA 8141A			mg/kg	--	--	--	--	--	--	--	--	--	--	--
Ronnel	EPA 8141A	3.7	RSL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	
Simazine	EPA 8141A			mg/kg	--	--	--	--	--	--	--	--	--	--	--	
Stirophos	EPA 8141A			mg/kg	--	--	--	--	--	--	--	--	--	--	--	
Sulfotepp	EPA 8141A			mg/kg	--	--	--	--	--	--	--	--	--	--	--	
Sulprofos	EPA 8141A			mg/kg	--	--	--	--	--	--	--	--	--	--	--	
Thionazin	EPA 8141A			mg/kg	--	--	--	--	--	--	--	--	--	--	--	

**TABLE A-6a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 8**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-60								
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs	30-30.5 ft bgs	35-35.5 ft bgs
						RISB-60-0.5-20141112	RISB-60-5.0-20141112	RISB-60-10.0-20141112	RISB-60-15.0-20141112	RISB-60-20.0-20141112	RISB-60-25.0-20141112	RISB-60-30.0-20141112	RISB-60-30.0-20141112-FD	RISB-60-35.0-20141112
<b>Organo-phosphorus Pesticides</b>	o-Ethyl o-2,4,5-trichlorophenyl ethyl-phosphonothioate	EPA 8141A			mg/kg	--	--	--	--	--	--	--	--	--
<b>Organo-chlorine Pesticides</b>	Aldrin	EPA 8081	0.02	BCL	mg/kg	--	--	--	--	--	--	--	--	--
	alpha-BHC	EPA 8081	0.0266	BCL	mg/kg	--	--	--	--	--	--	--	--	--
	beta-BHC	EPA 8081	0.00545	BCL	mg/kg	--	--	--	--	--	--	--	--	--
	delta-BHC	EPA 8081	28.1	BCL	mg/kg	--	--	--	--	--	--	--	--	--
	gamma-BHC	EPA 8081	0.0005	BCL	mg/kg	--	--	--	--	--	--	--	--	--
	alpha-Chlordane	EPA 8081			mg/kg	--	--	--	--	--	--	--	--	--
	gamma-Chlordane	EPA 8081			mg/kg	--	--	--	--	--	--	--	--	--
	4,4'-DDD	EPA 8081	0.8	BCL	mg/kg	--	--	--	--	--	--	--	--	--
	2,4'-DDE	EPA 8081			mg/kg	--	--	--	--	--	--	--	--	--
	4,4'-DDE	EPA 8081	3	BCL	mg/kg	--	--	--	--	--	--	--	--	--
	4,4'-DDT	EPA 8081	2	BCL	mg/kg	--	--	--	--	--	--	--	--	--
	Dieldrin	EPA 8081	0.0002	BCL	mg/kg	--	--	--	--	--	--	--	--	--
	Endosulfan I	EPA 8081			mg/kg	--	--	--	--	--	--	--	--	--
	Endosulfan II	EPA 8081			mg/kg	--	--	--	--	--	--	--	--	--
	Endosulfan sulfate	EPA 8081			mg/kg	--	--	--	--	--	--	--	--	--
	Endrin	EPA 8081	0.05	BCL	mg/kg	--	--	--	--	--	--	--	--	--
	Endrin aldehyde	EPA 8081			mg/kg	--	--	--	--	--	--	--	--	--
	Endrin ketone	EPA 8081			mg/kg	--	--	--	--	--	--	--	--	--
Heptachlor	EPA 8081	1	BCL	mg/kg	--	--	--	--	--	--	--	--	--	
Heptachlor epoxide	EPA 8081	0.03	BCL	mg/kg	--	--	--	--	--	--	--	--	--	
Methoxychlor	EPA 8081	8	BCL	mg/kg	--	--	--	--	--	--	--	--	--	
Toxaphene	EPA 8081	2	BCL	mg/kg	--	--	--	--	--	--	--	--	--	
<b>PAHs</b>	Acenaphthylene	EPA 8270	0.0106	CAL	mg/kg	--	--	--	--	--	--	--	--	--
	Acenaphthylene	EPA 8270-SIM	0.0106	CAL	mg/kg	--	--	--	--	--	--	--	--	--
	Benzo(a)anthracene	EPA 8270	0.08	BCL	mg/kg	--	--	--	--	--	--	--	--	--
	Benzo(a)anthracene	EPA 8270-SIM	0.08	BCL	mg/kg	--	--	--	--	--	--	--	--	--
	Benzo(a)pyrene	EPA 8270	0.4	BCL	mg/kg	--	--	--	--	--	--	--	--	--
	Benzo(a)pyrene	EPA 8270-SIM	0.4	BCL	mg/kg	--	--	--	--	--	--	--	--	--
	Benzo(b)fluoranthene	EPA 8270	0.2	BCL	mg/kg	--	--	--	--	--	--	--	--	--
	Benzo(b)fluoranthene	EPA 8270-SIM	0.2	BCL	mg/kg	--	--	--	--	--	--	--	--	--
	Benzo(g,h,i)perylene	EPA 8270			mg/kg	--	--	--	--	--	--	--	--	--
	Benzo(g,h,i)perylene	EPA 8270-SIM			mg/kg	--	--	--	--	--	--	--	--	--
	Indeno(1,2,3-cd)pyrene	EPA 8270	0.7	BCL	mg/kg	--	--	--	--	--	--	--	--	--
	Indeno(1,2,3-cd)pyrene	EPA 8270-SIM	0.7	BCL	mg/kg	--	--	--	--	--	--	--	--	--
Phenanthrene	EPA 8270	0.0243	CAL	mg/kg	--	--	--	--	--	--	--	--	--	
Phenanthrene	EPA 8270-SIM	0.0243	CAL	mg/kg	--	--	--	--	--	--	--	--	--	
<b>PCBs</b>	Aroclor-1260	EPA 8082	0.00549	RSL	mg/kg	--	--	--	--	--	--	--	--	--
	PCB-001	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCB-002	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCB-003	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCB-004	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCB-005	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCB-006	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCB-007	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCB-008	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCB-009	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
PCB-010	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	

TABLE A-6a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 8  
 RI Data Evaluation  
 Nevada Environmental Response Trust Site; Henderson, Nevada

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-60										
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs	30-30.5 ft bgs	35-35.5 ft bgs		
						RISB-60-0.5-20141112	RISB-60-5.0-20141112	RISB-60-10.0-20141112	RISB-60-15.0-20141112	RISB-60-20.0-20141112	RISB-60-25.0-20141112	RISB-60-30.0-20141112	RISB-60-30.0-20141112-FD	RISB-60-35.0-20141112		
PCBs	PCB-011	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCB-014	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCB-015	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCB-016	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCB-017	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCB-019	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCB-022	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCB-023	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCB-024	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCB-025	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCB-027	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCB-031	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCB-032	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCB-034	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCB-035	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCB-036	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCB-037	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCB-038	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCB-039	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCB-041	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCB-042	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCB-043	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCB-045	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCB-046	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCB-048	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCB-051	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCB-052	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCB-054	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCB-055	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCB-056	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCB-057	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCB-058	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
PCB-060	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	
PCB-063	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	
PCB-064	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	
PCB-066	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	
PCB-067	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	
PCB-068	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	
PCB-072	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	
PCB-073	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	
PCB-077	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	
PCB-078	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	
PCB-079	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	
PCB-080	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	
PCB-081	EPA 1668A	61.8	RSL	pg/g	--	--	--	--	--	--	--	--	--	--	--	
PCB-082	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	
PCB-083	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	
PCB-084	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	
PCB-089	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	

TABLE A-6a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 8  
 RI Data Evaluation  
 Nevada Environmental Response Trust Site; Henderson, Nevada

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-60											
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs	30-30.5 ft bgs	35-35.5 ft bgs			
						RISB-60-0.5-20141112	RISB-60-5.0-20141112	RISB-60-10.0-20141112	RISB-60-15.0-20141112	RISB-60-20.0-20141112	RISB-60-25.0-20141112	RISB-60-30.0-20141112	RISB-60-30.0-20141112-FD	RISB-60-35.0-20141112			
PCBs	PCB-092	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	
	PCB-094	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	
	PCB-095	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	
	PCB-096	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	
	PCB-099	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	
	PCB-103	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	
	PCB-104	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	
	PCB-105	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-106	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-109	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-111	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-112	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-114	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-118	EPA 1668A		1,010	RSL	pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCB-120	EPA 1668A				pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCB-121	EPA 1668A				pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCB-122	EPA 1668A				pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCB-123	EPA 1668A				pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCB-126	EPA 1668A		0.303	RSL	pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCB-127	EPA 1668A				pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCB-130	EPA 1668A				pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCB-131	EPA 1668A				pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCB-132	EPA 1668A				pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCB-133	EPA 1668A				pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCB-136	EPA 1668A				pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCB-137	EPA 1668A				pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCB-141	EPA 1668A				pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCB-142	EPA 1668A				pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCB-144	EPA 1668A				pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCB-145	EPA 1668A				pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCB-146	EPA 1668A				pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCB-148	EPA 1668A				pg/g	--	--	--	--	--	--	--	--	--	--	--
PCB-150	EPA 1668A				pg/g	--	--	--	--	--	--	--	--	--	--	--	
PCB-152	EPA 1668A				pg/g	--	--	--	--	--	--	--	--	--	--	--	
PCB-154	EPA 1668A				pg/g	--	--	--	--	--	--	--	--	--	--	--	
PCB-155	EPA 1668A				pg/g	--	--	--	--	--	--	--	--	--	--	--	
PCB-158	EPA 1668A				pg/g	--	--	--	--	--	--	--	--	--	--	--	
PCB-159	EPA 1668A				pg/g	--	--	--	--	--	--	--	--	--	--	--	
PCB-160	EPA 1668A				pg/g	--	--	--	--	--	--	--	--	--	--	--	
PCB-161	EPA 1668A				pg/g	--	--	--	--	--	--	--	--	--	--	--	
PCB-162	EPA 1668A				pg/g	--	--	--	--	--	--	--	--	--	--	--	
PCB-164	EPA 1668A				pg/g	--	--	--	--	--	--	--	--	--	--	--	
PCB-165	EPA 1668A				pg/g	--	--	--	--	--	--	--	--	--	--	--	
PCB-167	EPA 1668A				pg/g	--	--	--	--	--	--	--	--	--	--	--	
PCB-169	EPA 1668A		1.65	RSL	pg/g	--	--	--	--	--	--	--	--	--	--	--	
PCB-170	EPA 1668A				pg/g	--	--	--	--	--	--	--	--	--	--	--	
PCB-172	EPA 1668A				pg/g	--	--	--	--	--	--	--	--	--	--	--	
PCB-174	EPA 1668A				pg/g	--	--	--	--	--	--	--	--	--	--	--	
PCB-175	EPA 1668A				pg/g	--	--	--	--	--	--	--	--	--	--	--	





**TABLE A-6a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 8**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-60										
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs	30-30.5 ft bgs	35-35.5 ft bgs		
						RISB-60-0.5-20141112	RISB-60-5.0-20141112	RISB-60-10.0-20141112	RISB-60-15.0-20141112	RISB-60-20.0-20141112	RISB-60-25.0-20141112	RISB-60-30.0-20141112	RISB-60-30.0-20141112-FD	RISB-60-35.0-20141112		
PCBs	PCBs 44+47+65	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCBs 49+69	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCBs 50+53	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCBs 59+62+75	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCBs 61+70+74+76	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCBs 85+116+117	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCBs 86+87+97+108+119+125	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCBs 88+91	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCBs 90+101+113	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCBs 93+100	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
PCBs 98+102	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	
Dioxins/Furans	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--	--	--
	1,2,3,4,6,7,8-Heptachlorodibenzofuran	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--	--	--
	1,2,3,4,7,8,9-Heptachlorodibenzofuran	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--	--	--
	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--	--	--
	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--	--	--
	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--	--	--
	1,2,3,4,7,8-Hexachlorodibenzofuran	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--	--	--
	1,2,3,6,7,8-Hexachlorodibenzofuran	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--	--	--
	1,2,3,7,8,9-Hexachlorodibenzofuran	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--	--	--
	2,3,4,6,7,8-Hexachlorodibenzofuran	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--	--	--
	HpCDD (total)	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--	--	--
	HpCDF (total)	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--	--	--
	HxCDD (total)	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--	--	--
	HxCDF (total)	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--	--	--
	1,2,3,4,5,6,7,8-Octachlorodibenzo-p-dioxin	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--	--	--
	1,2,3,4,5,6,7,8-Octachlorodibenzofuran	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PeCDD (total)	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PeCDF (total)	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--	--	--
	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--	--	--
	1,2,3,7,8-Pentachlorodibenzofuran	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--	--	--
	2,3,4,7,8-Pentachlorodibenzofuran	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--	--	--
	TCDD (total)	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--	--	--
	TCDF (total)	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--	--	--
2,3,7,8-Tetrachlorodibenzo-p-dioxin	EPA 8290		15 RSL	pg/g	--	--	--	--	--	--	--	--	--	--	--	

**TABLE A-6a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 8**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-60									
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs	30-30.5 ft bgs	35-35.5 ft bgs	
						RISB-60-0.5-20141112	RISB-60-5.0-20141112	RISB-60-10.0-20141112	RISB-60-15.0-20141112	RISB-60-20.0-20141112	RISB-60-25.0-20141112	RISB-60-30.0-20141112	RISB-60-30.0-20141112-FD	RISB-60-35.0-20141112	
Dioxins/Furans	2,3,7,8-Tetrachlorodibenzofuran	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--	--
	Total PCB TEQs (calculated by TAS)	EPA 8280A			pg/g	--	--	--	--	--	--	--	--	--	--
	Total TEQ (Calculated)	EPA 8280A			pg/g	--	--	--	--	--	--	--	--	--	--
Organic Acids	Phthalic acid	EPA 8270			µg/kg	--	--	--	--	--	--	--	--	--	--
Radionuclides	Radium-226	EPA 903.0	0.006	BCL	pCi/g	--	--	--	--	--	--	--	--	--	--
	Radium-228	EPA 904.0	0.006	BCL	pCi/g	--	--	--	--	--	--	--	--	--	--
	Thorium-228	DOE A-01-R	0.0027	BCL	pCi/g	--	--	--	--	--	--	--	--	--	--
	Thorium-230	DOE A-01-R	0.001	BCL	pCi/g	--	--	--	--	--	--	--	--	--	--
	Thorium-232	DOE A-01-R	0.0035	BCL	pCi/g	--	--	--	--	--	--	--	--	--	--
	Uranium-233/234	DOE A-01-R			pCi/g	--	--	--	--	--	--	--	--	--	--
	Uranium-235/236	DOE A-01-R			pCi/g	--	--	--	--	--	--	--	--	--	--
	Uranium-238	DOE A-01-R			pCi/g	--	--	--	--	--	--	--	--	--	--
	Uranium-238	EPA 6020	13.5	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--
Total Petroleum Hydrocarbons	Diesel Range Organics (C10-C28)	EPA 8015			mg/kg	28	<7.8	<7.8	<5.5	<2.7	<2.7	3.8 J	4.7 J	<2.8	
	EFH (C10-C40)	EPA 8015			mg/kg	120	15 J	24	9.8 J	2.7 J	3.5 J	6.3 J	12 J	10	
	Gasoline Range Organics (C6-C10)	EPA 8015			µg/kg	<180	<170	<180	<210	<150	<150	<150	<160	<170	
	Petroleum Hydrocarbons (C29-C40)	EPA 8015			mg/kg	47	<7.8	<7.8	<5.5	<2.7	<2.7	<2.6	<2.7	<2.8	
General Chemistry	Alkalinity (as CaCO3)	SM 2320			mg/kg	2,200	970	1,800	4,100	7,600	12,000	6,600	6,700	4,100	
	Ammonia (as NH3)	SM 4500			mg/kg	3.5 J	1.6 J	3.2 J	3.7 J	4.6 J	4.1 J	3.1 J	3.2 J	3.0 J	
	Bicarbonate as HCO3	SM 2320			mg/kg	2,600	1,200	2,200	5,000	9,200	14,000	8,000	8,000	5,000	
	Bromide	EPA 300			mg/kg	<4.0	<3.9	<3.9	<3.9	<3.8	<3.8	<3.7	<3.7	<4.0	
	Carbonate (CO3)	SM 2320			mg/kg	<86	<83	<83	<82	<83	99	<80	<80	<84	
	Chloride	EPA 300			mg/kg	19	29	37	280	290	78	31	46	75	
	Hydroxide	SM 2320			mg/kg	<49	<47	<47	<47	<47	<47	<45	<45	<48	
	Nitrate	EPA 300	7	BCL	mg/kg	--	--	--	--	--	--	--	--	--	
	Nitrate (as NO3)	EPA 300			mg/kg	8.1	8.7	38	59	56	26	12	16	18	
	Nitrate/Nitrite	EPA 300			mg/kg	1.8	2.0	8.5	13	13	5.9	2.7	3.5	4.0	
	Nitrite	EPA 300			mg/kg	<1.3	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.3	
	ortho-Phosphate (total) (as PO4)	EPA 300			mg/kg	4.6 UJ	4.4 UJ	4.5 UJ	4.4 UJ	4.4 UJ	4.4 UJ	<4.3	<4.3	<4.5	
	Phosphorus (total)	EPA 6010	0.00148	RSL	mg/kg	1,200	1,300	1,200	1,200	1,100	1,000	1,200	1,200	960	
	Silicon	EPA 6010			mg/kg	230 J	310 J	250 J	170 J	170 J	180 J	200 J	200 J	220 J	
	Sulfate	EPA 300			mg/kg	6,500	9,300	7,400	4,500	1,900	1,700	590 J	1,700 J	9,600	
Sulfur	EPA 6020			mg/kg	13,000	26,000	20,000	8,300	4,500	2,700	1,400 J	940 J	26,000		
pH	EPA 9045			s.u.	--	--	--	--	--	--	--	--	--		

**Notes:**

ft bgs: feet below ground surface

FD: Field Duplicate

Above Screening Level

bold value: detection

Soil screening levels were selected according to the following hierarchy of criteria:

1. Basic Comparison Level (BCL): Leaching-based basic comparison levels (LBCL) with dilution attenuation factor (DAF) of 1 in the most recent version of Nevada Division of

**Sources:**

NDEP, 2015. User's Guide and Background Technical Document for NDEP Basic

Comparison Levels (BCLs) for Human Health for the BMI Complex and

Common Areas. Revision 13, February.

USEPA, 2015. Regional Screening Levels (RSL) for Chemical Contaminants at Superfund

Sites. June.

**TABLE A-6a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 8**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-60								
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs	30-30.5 ft bgs	35-35.5 ft bgs
						RISB-60-0.5-20141112	RISB-60-5.0-20141112	RISB-60-10.0-20141112	RISB-60-15.0-20141112	RISB-60-20.0-20141112	RISB-60-25.0-20141112	RISB-60-30.0-20141112	RISB-60-30.0-20141112-FD	RISB-60-35.0-20141112

Environmental Protection (NDEP) documents (February 2015).

2. Regional Screening Level (RSL): United States Environmental Protection Agency (USEPA) Regional Screening Levels (RSL) for groundwater protection (June 2015), with the maximum contaminant level (MCL) based screening levels selected over the risk-based screening levels, if available (USEPA 2015)
3. Calculated Criteria (CAL): Generic leaching-based BCLs (LBCLs) calculated using the approach presented in NDEP guidance (NDEP 2015).

**TABLE A-6a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 8**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-61									
			Level	Source		0.8-1.3 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs	35-35.5 ft bgs	
						RISB-61-0.8-20141105	RISB-61-5.0-20141106	RISB-61-10.0-20141106	RISB-61-15.0-20141106	RISB-61-20.0-20141106	RISB-61-25.0-20141106	RISB-61-25.0-20141106-FD	RISB-61-30.0-20141106	RISB-61-35.0-20141106	
Chlorates	Chlorate	EPA 300.1	1.03	BCL	mg/kg	80	16	24	42	28	43	44	990	670	
	Perchlorate	EPA 314.0	0.0185	BCL	mg/kg	400	63	110	100	110	120	160	2,200	1,500	
Common Metals	Aluminum	EPA 6010	75	BCL	mg/kg	9,100	10,000	10,000	9,100	9,500	9,700	9,000	8,600	12,000	
	Antimony	EPA 6020	0.3	BCL	mg/kg	0.53 UJ	0.52 UJ	0.55 UJ	0.53 UJ	0.54 UJ	0.53 UJ	0.52 UJ	0.59 UJ	0.67 UJ	
	Arsenic	EPA 6020	1	BCL	mg/kg	3.7	3.1	4.2	3.5	3.4	4.1	6.4	42	25	
	Barium	EPA 6010	82	BCL	mg/kg	190 J	190	170	160	160	170	160	56	240	
	Boron	EPA 6010	21.4	BCL	mg/kg	35	39	24	24	25	30	33	66	42	
	Cadmium	EPA 6010	0.4	BCL	mg/kg	<0.27	<0.26	<0.27	<0.27	<0.27	<0.27	<0.26	<0.29	<0.67	
	Chromium (total)	EPA 6010	180,000	RSL	mg/kg	13	16	310	12	35	20	16	23	22	
	Cobalt	EPA 6010	0.453	BCL	mg/kg	12	9.0	11	6.9	8.5	7.5	6.4	3.5	3.9	
	Copper	EPA 6010	45.8	BCL	mg/kg	24	22	60	16	22	20	17	9.2	13	
	Iron	EPA 6010	7.56	BCL	mg/kg	14,000	18,000	43,000	15,000	18,000	17,000	15,000	9,600	11,000	
	Lead	EPA 6010	13.5	RSL	mg/kg	14	9.1	9.3	6.2	7.6	6.8	7.8	4.6	5.5	
	Magnesium	EPA 6010	889	BCL	mg/kg	11,000	8,500	9,600	10,000	11,000	11,000	10,000	37,000	24,000	
	Manganese	EPA 6010	1.3	BCL	mg/kg	2,400 J	680	940	290	480	410	340	130	190	
	Mercury	EPA 7471	0.104	BCL	mg/kg	0.043	0.031 J	0.047	0.048	0.050	0.25 J	0.047 J	0.057	0.11	
	Molybdenum	EPA 6010	3.37	BCL	mg/kg	<1.1	1.2 J	81	<1.1	6.7	3.2 J	1.8 J	<1.2	<2.7	
	Nickel	EPA 6010	7	BCL	mg/kg	17	17	33	14	17	15	13	8.2	9.8	
	Selenium	EPA 6020	0.3	BCL	mg/kg	<0.53	0.52 UJ	0.55 UJ	0.53 UJ	0.54 UJ	0.53 UJ	0.52 UJ	0.59 UJ	0.67 UJ	
Silver	EPA 6010	0.85	BCL	mg/kg	<0.80	<0.78	<0.82	<0.80	<0.81	<0.80	<0.78	<0.88	<2.0		
Thallium	EPA 6020	0.4	BCL	mg/kg	<0.27	<0.26	<0.27	<0.27	<0.27	<0.27	<0.26	<0.29	<0.33		
Zinc	EPA 6010	620	BCL	mg/kg	40	40	37	33	36	34	32	24	32		
Hexavalent Chromium	Chromium VI	EPA 7199	2	BCL	mg/kg	<0.43	<0.42	<0.44	<0.43	<0.43	<0.43	<0.43	1.5	0.63 J	
Rare Metals	Niobium	EPA 6020	1.17	BCL	mg/kg	--	--	--	--	--	--	--	--	--	
	Palladium	EPA 6020			mg/kg	--	--	--	--	--	--	--	--	--	
	Strontium	EPA 6010	422	RSL	mg/kg	--	--	--	--	--	--	--	--	--	
	Tungsten	EPA 6010	37.6	BCL	mg/kg	--	--	--	--	--	--	--	--	--	
	Zirconium	EPA 6010	4.79	RSL	mg/kg	--	--	--	--	--	--	--	--	--	
VOCs	Acetone	EPA 8260	0.8	BCL	mg/kg	<0.0084	<0.0084	<0.0084	<0.0086	<0.0084	0.017 J	0.0088 UJ	<0.0098	<0.011	
	t-Amyl methyl ether	EPA 8260			mg/kg	<0.0010	<0.0010	<0.0011	<0.0011	<0.0010	<0.0011	<0.0011	<0.0012	<0.0013	
	Benzene	EPA 8260	0.002	BCL	mg/kg	0.00052 UJ	0.00052 UJ	0.00053 UJ	0.00054 UJ	0.00052 UJ	0.00054 UJ	0.00055 UJ	0.00061 UJ	0.00066 UJ	
	Bromobenzene	EPA 8260	0.0421	RSL	mg/kg	0.0010 UJ	0.0010 UJ	0.0011 UJ	0.0011 UJ	0.0010 UJ	0.0011 UJ	0.0011 UJ	0.0012 UJ	0.0013 UJ	
	Bromochloromethane	EPA 8260			mg/kg	0.0010 UJ	0.0010 UJ	0.0011 UJ	0.0011 UJ	0.0010 UJ	0.0011 UJ	0.0011 UJ	0.0012 UJ	0.0013 UJ	
	Bromodichloromethane	EPA 8260	0.03	BCL	mg/kg	0.00052 UJ	0.00052 UJ	0.00053 UJ	0.00054 UJ	0.00052 UJ	0.00054 UJ	0.00055 UJ	0.00061 UJ	0.00066 UJ	
	Bromoform	EPA 8260	0.04	BCL	mg/kg	<0.0010	0.0010 UJ	0.0011 UJ	0.0011 UJ	0.0010 UJ	0.0011 UJ	0.0011 UJ	0.0012 UJ	0.0013 UJ	
	Bromomethane	EPA 8260	0.01	BCL	mg/kg	0.0010 UJ	0.0010 UJ	0.0011 UJ	0.0011 UJ	0.0010 UJ	0.0011 UJ	0.0011 UJ	0.0012 UJ	0.0013 UJ	
	2-Butanone	EPA 8260	1.16	RSL	mg/kg	<0.0052	<0.0052	<0.0053	<0.0054	<0.0052	<0.0054	<0.0055	<0.0061	<0.0066	
	n-Butylbenzene	EPA 8260	3.23	RSL	mg/kg	0.0010 UJ	0.0010 UJ	0.0011 UJ	0.0011 UJ	0.0010 UJ	0.0011 UJ	0.0011 UJ	0.0012 UJ	0.0013 UJ	
	sec-Butylbenzene	EPA 8260	5.87	RSL	mg/kg	0.0010 UJ	0.0010 UJ	0.0011 UJ	0.0011 UJ	0.0010 UJ	0.0011 UJ	0.0011 UJ	0.0012 UJ	0.0013 UJ	
	Carbon tetrachloride	EPA 8260	0.003	BCL	mg/kg	0.00052 UJ	0.00052 UJ	0.00053 UJ	0.00054 UJ	0.00052 UJ	0.00054 UJ	0.00055 UJ	0.00061 UJ	0.00066 UJ	
	Chlorobenzene	EPA 8260	0.07	BCL	mg/kg	<0.00052	<0.00052	<0.00053	<0.00054	<0.00052	<0.00054	<0.00055	<0.00061	<0.00066	
	Chloroethane	EPA 8260	5.92	RSL	mg/kg	<0.0010	<0.0010	<0.0011	<0.0011	<0.0010	<0.0011	<0.0011	<0.0012	<0.0013	
	Chloroform	EPA 8260	0.03	BCL	mg/kg	<0.00052	<0.00052	<0.00053	<0.00054	<0.00052	0.00088 J	0.00086 J	0.0047	0.029	
	Chloromethane	EPA 8260	0.0486	RSL	mg/kg	<0.0010	<0.0010	<0.0011	<0.0011	<0.0010	<0.0011	<0.0011	<0.0012	<0.0013	
	2-Chlorotoluene	EPA 8260	0.231	RSL	mg/kg	0.0010 UJ	0.0010 UJ	0.0011 UJ	0.0011 UJ	0.0010 UJ	0.0011 UJ	0.0011 UJ	0.0012 UJ	0.0013 UJ	
4-Chlorotoluene	EPA 8260	0.241	RSL	mg/kg	0.0010 UJ	0.0010 UJ	0.0011 UJ	0.0011 UJ	0.0010 UJ	0.0011 UJ	0.0011 UJ	0.0012 UJ	0.0013 UJ		
Cumene	EPA 8260	0.738	RSL	mg/kg	<0.00052	<0.00052	<0.00053	<0.00054	<0.00052	<0.00054	<0.00055	<0.00061	<0.00066		
p-Cymene	EPA 8260	3.91	CAL	mg/kg	<0.00052	<0.00052	<0.00053	<0.00054	<0.00052	<0.00054	<0.00055	<0.00061	<0.00066		

**TABLE A-6a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 8**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-61								
			Level	Source		0.8-1.3 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs	35-35.5 ft bgs
						RISB-61-0.8-20141105	RISB-61-5.0-20141106	RISB-61-10.0-20141106	RISB-61-15.0-20141106	RISB-61-20.0-20141106	RISB-61-25.0-20141106	RISB-61-25.0-20141106-FD	RISB-61-30.0-20141106	RISB-61-35.0-20141106
VOCs	Dibromochloromethane	EPA 8260	0.02	BCL	mg/kg	0.00052 UJ	0.00052 UJ	0.00053 UJ	0.00054 UJ	0.00052 UJ	0.00054 UJ	0.00055 UJ	0.00061 UJ	0.00066 UJ
	1,2-Dibromoethane	EPA 8260	0.000141	RSL	mg/kg	0.00052 UJ	0.00052 UJ	0.00053 UJ	0.00054 UJ	0.00052 UJ	0.00054 UJ	0.00055 UJ	0.00061 UJ	0.00066 UJ
	Dibromomethane	EPA 8260	0.00197	RSL	mg/kg	<0.00052	<0.00052	<0.00053	<0.00054	<0.00052	<0.00054	<0.00055	<0.00061	<0.00066
	1,2-Dichlorobenzene	EPA 8260	0.9	BCL	mg/kg	0.00052 UJ	0.00052 UJ	0.00053 UJ	0.00054 UJ	0.00052 UJ	0.00054 UJ	0.00055 UJ	0.00061 UJ	0.00066 UJ
	1,3-Dichlorobenzene	EPA 8260	0.0473	CAL	mg/kg	<0.00052	<0.00052	<0.00053	<0.00054	<0.00052	<0.00054	<0.00055	<0.00061	<0.00066
	1,4-Dichlorobenzene	EPA 8260	0.1	BCL	mg/kg	<0.00052	<0.00052	<0.00053	<0.00054	<0.00052	<0.00054	<0.00055	<0.00061	<0.00066
	Dichlorodifluoromethane	EPA 8260	0.304	RSL	mg/kg	<0.0010	0.0010 UJ	0.0011 UJ	0.0011 UJ	0.0010 UJ	0.0011 UJ	0.0011 UJ	0.0012 UJ	0.0013 UJ
	1,1-Dichloroethane	EPA 8260	1	BCL	mg/kg	0.00052 UJ	0.00052 UJ	0.00053 UJ	0.00054 UJ	0.00052 UJ	0.00054 UJ	0.00055 UJ	0.00061 UJ	0.00066 UJ
	1,2-Dichloroethane	EPA 8260	0.001	BCL	mg/kg	0.00052 UJ	0.00052 UJ	0.00053 UJ	0.00054 UJ	0.00052 UJ	0.00054 UJ	0.00055 UJ	0.00061 UJ	0.00066 UJ
	1,1-Dichloroethene	EPA 8260	0.003	BCL	mg/kg	<0.00052	<0.00052	<0.00053	<0.00054	<0.00052	<0.00054	<0.00055	<0.00061	<0.00066
	cis-1,2-Dichloroethene	EPA 8260	0.02	BCL	mg/kg	0.00052 UJ	0.00052 UJ	0.00053 UJ	0.00054 UJ	0.00052 UJ	0.00054 UJ	0.00055 UJ	0.00061 UJ	0.00066 UJ
	trans-1,2-Dichloroethene	EPA 8260	0.03	BCL	mg/kg	0.00052 UJ	0.00052 UJ	0.00053 UJ	0.00054 UJ	0.00052 UJ	0.00054 UJ	0.00055 UJ	0.00061 UJ	0.00066 UJ
	1,2-Dichloropropane	EPA 8260	0.001	BCL	mg/kg	0.00052 UJ	0.00052 UJ	0.00053 UJ	0.00054 UJ	0.00052 UJ	0.00054 UJ	0.00055 UJ	0.00061 UJ	0.00066 UJ
	1,3-Dichloropropane	EPA 8260	0.001	BCL	mg/kg	<0.00052	<0.00052	<0.00053	<0.00054	<0.00052	<0.00054	<0.00055	<0.00061	<0.00066
	2,2-Dichloropropane	EPA 8260			mg/kg	0.0010 UJ	0.0010 UJ	0.0011 UJ	0.0011 UJ	0.0010 UJ	0.0011 UJ	0.0011 UJ	0.0012 UJ	0.0013 UJ
	1,1-Dichloropropene	EPA 8260			mg/kg	0.00052 UJ	0.00052 UJ	0.00053 UJ	0.00054 UJ	0.00052 UJ	0.00054 UJ	0.00055 UJ	0.00061 UJ	0.00066 UJ
	cis-1,3-Dichloropropene	EPA 8260			mg/kg	0.00052 UJ	0.00052 UJ	0.00053 UJ	0.00054 UJ	0.00052 UJ	0.00054 UJ	0.00055 UJ	0.00061 UJ	0.00066 UJ
	trans-1,3-Dichloropropene	EPA 8260			mg/kg	0.00052 UJ	0.00052 UJ	0.00053 UJ	0.00054 UJ	0.00052 UJ	0.00054 UJ	0.00055 UJ	0.00061 UJ	0.00066 UJ
	Diisopropyl ether	EPA 8260			mg/kg	0.0010 UJ	0.0010 UJ	0.0011 UJ	0.0011 UJ	0.0010 UJ	0.0011 UJ	0.0011 UJ	0.0012 UJ	0.0013 UJ
	Ethyl benzene	EPA 8260	0.7	BCL	mg/kg	<0.00052	<0.00052	<0.00053	<0.00054	<0.00052	<0.00054	<0.00055	<0.00061	<0.00066
	Ethyl tert-butyl ether	EPA 8260			mg/kg	0.0010 UJ	0.0010 UJ	0.0011 UJ	0.0011 UJ	0.0010 UJ	0.0011 UJ	0.0011 UJ	0.0012 UJ	0.0013 UJ
	Hexachlorobutadiene	EPA 8260	0.1	BCL	mg/kg	<0.0010	<0.0010	<0.0011	<0.0011	<0.0010	<0.0011	<0.0011	<0.0012	<0.0013
	2-Hexanone	EPA 8260			mg/kg	0.0052 UJ	0.0052 UJ	0.0053 UJ	0.0054 UJ	0.0052 UJ	0.0054 UJ	0.0055 UJ	0.0061 UJ	0.0066 UJ
	Methyl tert-butyl ether	EPA 8260			mg/kg	<0.0010	0.0010 UJ	0.0011 UJ	0.0011 UJ	0.0010 UJ	0.0011 UJ	0.0011 UJ	0.0012 UJ	0.0013 UJ
	Methylene chloride	EPA 8260	0.001	BCL	mg/kg	<0.0052	<0.0052	<0.0053	<0.0054	<0.0052	<0.0054	<0.0055	<0.0061	<0.0066
	Naphthalene	EPA 8260	4	BCL	mg/kg	0.0010 UJ	0.0010 UJ	0.0011 UJ	0.0011 UJ	0.0010 UJ	0.0011 UJ	0.0011 UJ	0.0012 UJ	0.0013 UJ
	n-Propylbenzene	EPA 8260	1.22	RSL	mg/kg	0.00052 UJ	0.00052 UJ	0.00053 UJ	0.00054 UJ	0.00052 UJ	0.00054 UJ	0.00055 UJ	0.00061 UJ	0.00066 UJ
	Styrene	EPA 8260	0.2	BCL	mg/kg	0.00052 UJ	0.00052 UJ	0.00053 UJ	0.00054 UJ	0.00052 UJ	0.00054 UJ	0.00055 UJ	0.00061 UJ	0.00066 UJ
	1,1,1,2-Tetrachloroethane	EPA 8260	0.000218	RSL	mg/kg	0.0010 UJ	0.0010 UJ	0.0011 UJ	0.0011 UJ	0.0010 UJ	0.0011 UJ	0.0011 UJ	0.0012 UJ	0.0013 UJ
	1,1,2,2-Tetrachloroethane	EPA 8260	0.0002	BCL	mg/kg	<0.0010	<0.0010	<0.0011	<0.0011	<0.0010	<0.0011	<0.0011	<0.0012	<0.0013
	Tetrachloroethene	EPA 8260	0.003	BCL	mg/kg	<0.00052	0.00052 UJ	0.00053 UJ	0.00054 UJ	0.00052 UJ	0.00054 UJ	0.00055 UJ	0.00061 UJ	0.00066 UJ
	Toluene	EPA 8260	0.6	BCL	mg/kg	<0.00052	<0.00052	<0.00053	<0.00054	<0.00052	<0.00054	<0.00055	<0.00061	<0.00066
	1,2,3-Trichlorobenzene	EPA 8260	0.0209	RSL	mg/kg	0.0010 UJ	0.0010 UJ	0.0011 UJ	0.0011 UJ	0.0010 UJ	0.0011 UJ	0.0011 UJ	0.0012 UJ	0.0013 UJ
	1,2,4-Trichlorobenzene	EPA 8260	0.3	BCL	mg/kg	0.0010 UJ	0.0010 UJ	0.0011 UJ	0.0011 UJ	0.0010 UJ	0.0011 UJ	0.0011 UJ	0.0012 UJ	0.0013 UJ
	1,1,1-Trichloroethane	EPA 8260	0.1	BCL	mg/kg	<0.00052	0.00052 UJ	0.00053 UJ	0.00054 UJ	0.00052 UJ	0.00054 UJ	0.00055 UJ	0.00061 UJ	0.00066 UJ
	1,1,2-Trichloroethane	EPA 8260	0.0009	BCL	mg/kg	0.00052 UJ	0.00052 UJ	0.00053 UJ	0.00054 UJ	0.00052 UJ	0.00054 UJ	0.00055 UJ	0.00061 UJ	0.00066 UJ
	Trichloroethene	EPA 8260	0.003	BCL	mg/kg	<0.00052	<0.00052	<0.00053	<0.00054	<0.00052	<0.00054	<0.00055	<0.00061	<0.00066
	Trichlorofluoromethane	EPA 8260	0.731	RSL	mg/kg	<0.0010	<0.0010	<0.0011	<0.0011	<0.0010	<0.0011	<0.0011	<0.0012	<0.0013
	1,2,3-Trichloropropane	EPA 8260	0.00000323	RSL	mg/kg	0.0010 UJ	0.0010 UJ	0.0011 UJ	0.0011 UJ	0.0010 UJ	0.0011 UJ	0.0011 UJ	0.0012 UJ	0.0013 UJ
	1,2,4-Trimethylbenzene	EPA 8260	0.0212	RSL	mg/kg	0.0010 UJ	0.0010 UJ	0.0011 UJ	0.0011 UJ	0.0010 UJ	0.0011 UJ	0.0011 UJ	0.0012 UJ	0.0013 UJ
1,3,5-Trimethylbenzene	EPA 8260	0.167	RSL	mg/kg	0.0010 UJ	0.0010 UJ	0.0011 UJ	0.0011 UJ	0.0010 UJ	0.0011 UJ	0.0011 UJ	0.0012 UJ	0.0013 UJ	
Vinyl chloride	EPA 8260	0.0007	BCL	mg/kg	<0.0010	<0.0010	<0.0011	<0.0011	<0.0010	<0.0011	<0.0011	<0.0012	<0.0013	
m,p-Xylene	EPA 8260			mg/kg	<0.0010	<0.0010	<0.0011	<0.0011	<0.0010	<0.0011	<0.0011	<0.0012	<0.0013	
o-Xylene	EPA 8260	9	BCL	mg/kg	0.00052 UJ	0.00052 UJ	0.00053 UJ	0.00054 UJ	0.00052 UJ	0.00054 UJ	0.00055 UJ	0.00061 UJ	0.00066 UJ	
1,2-Dibromo-3-chloropropane	EPA 8260	0.0000864	RSL	mg/kg	<0.0021	<0.0021	<0.0021	<0.0021	<0.0021	<0.0021	<0.0022	<0.0024	<0.0026	
4-Methyl-2-pentanone	EPA 8260			mg/kg	0.0026 UJ	0.0026 UJ	0.0026 UJ	0.0027 UJ	0.0026 UJ	0.0027 UJ	0.0027 UJ	0.0031 UJ	0.0033 UJ	
tert Butyl alcohol	EPA 8260			mg/kg	<0.010	<0.010	<0.011	<0.011	<0.010	<0.011	<0.011	<0.012	<0.013	
tert-Butylbenzene	EPA 8260	1.55	RSL	mg/kg	0.0010 UJ	0.0010 UJ	0.0011 UJ	0.0011 UJ	0.0010 UJ	0.0011 UJ	0.0011 UJ	0.0012 UJ	0.0013 UJ	

**TABLE A-6a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 8**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-61															
			Level	Source		0.8-1.3 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs	35-35.5 ft bgs							
						RISB-61-0.8-20141105	RISB-61-5.0-20141106	RISB-61-10.0-20141106	RISB-61-15.0-20141106	RISB-61-20.0-20141106	RISB-61-25.0-20141106	RISB-61-25.0-20141106-FD	RISB-61-30.0-20141106	RISB-61-35.0-20141106							
SVOCs	Acenaphthene	EPA 8270	29	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Acenaphthene	EPA 8270-SIM	29	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Aniline	EPA 8270	0.00456	RSL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Anthracene	EPA 8270	590	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Anthracene	EPA 8270-SIM	590	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Benzidine	EPA 8270			mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Benzo(k)fluoranthene	EPA 8270	2	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Benzo(k)fluoranthene	EPA 8270-SIM	2	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Benzoic acid	EPA 8270	20	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Benzyl alcohol	EPA 8270	0.476	RSL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	4-Bromophenyl-phenyl ether	EPA 8270			mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Butylbenzylphthalate	EPA 8270	810	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	4-Chloroaniline	EPA 8270	0.03	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2-Chloronaphthalene	EPA 8270	3.85	RSL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2-Chlorophenol	EPA 8270	0.2	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	4-Chlorophenyl-phenyl ether	EPA 8270			mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Chrysene	EPA 8270	8	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Chrysene	EPA 8270-SIM	8	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Di-n-butylphthalate	EPA 8270	270	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Di-n-octylphthalate	EPA 8270	56.5	RSL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Dibenz(a,h)anthracene	EPA 8270	0.08	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Dibenz(a,h)anthracene	EPA 8270-SIM	0.08	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Dibenzofuran	EPA 8270	0.145	RSL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3,3'-Dichlorobenzidine	EPA 8270	0.0003	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2,4-Dichlorophenol	EPA 8270	0.05	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Diethylphthalate	EPA 8270	6.08	RSL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2,4-Dimethylphenol	EPA 8270	0.4	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Dimethylphthalate	EPA 8270			mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2,4-Dinitrophenol	EPA 8270	0.01	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2,4-Dinitrotoluene	EPA 8270	0.00004	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2,6-Dinitrotoluene	EPA 8270	0.00003	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Fluoranthene	EPA 8270	210	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Fluoranthene	EPA 8270-SIM	210	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Fluorene	EPA 8270	28	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Fluorene	EPA 8270-SIM	28	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Hexachlorobenzene	EPA 8270	0.1	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Hexachlorocyclopentadiene	EPA 8270	20	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Hexachloroethane	EPA 8270	0.02	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Isophorone	EPA 8270	0.03	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	1-Methylnaphthalene	EPA 8270	0.00584	RSL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2-Methylnaphthalene	EPA 8270	0.185	RSL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2-Methylphenol	EPA 8270	0.8	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3&4-Methylphenol	EPA 8270			mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Naphthalene	EPA 8270	4	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Naphthalene	EPA 8270-SIM	4	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2-Nitroaniline	EPA 8270	0.0801	RSL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3-Nitroaniline	EPA 8270			mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	4-Nitroaniline	EPA 8270	0.00158	RSL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Nitrobenzene	EPA 8270	0.007	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

**TABLE A-6a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 8**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-61										
			Level	Source		0.8-1.3 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs	35-35.5 ft bgs		
						RISB-61-0.8-20141105	RISB-61-5.0-20141106	RISB-61-10.0-20141106	RISB-61-15.0-20141106	RISB-61-20.0-20141106	RISB-61-25.0-20141106	RISB-61-25.0-20141106-FD	RISB-61-30.0-20141106	RISB-61-35.0-20141106		
SVOCs	2-Nitrophenol	EPA 8270			mg/kg	--	--	--	--	--	--	--	--	--	--	--
	4-Nitrophenol	EPA 8270			mg/kg	--	--	--	--	--	--	--	--	--	--	--
	n-Nitrosodiphenylamine	EPA 8270	0.06	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Octachlorostyrene	EPA 8270			mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Pentachlorophenol	EPA 8270	0.001	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Phenol	EPA 8270	5	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Pyrene	EPA 8270	210	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Pyrene	EPA 8270-SIM	210	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Pyridine	EPA 8270			mg/kg	--	--	--	--	--	--	--	--	--	--	--
	2,4,5-Trichlorophenol	EPA 8270	14	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--
	2,4,6-Trichlorophenol	EPA 8270	0.008	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--
	bis(2-Chloroethoxy)methane	EPA 8270	0.0135	RSL	mg/kg	--	--	--	--	--	--	--	--	--	--	--
	bis(2-Chloroethyl) ether	EPA 8270	0.00002	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--
	bis(2-Ethylhexyl)phthalate	EPA 8270	180	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--
4-Chloro-3-methylphenol	EPA 8270	1.71	RSL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	
n-Nitroso-di-n-propylamine	EPA 8270	0.000002	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	
Organo-phosphorus Pesticides	Atrazine	EPA 8141A			mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Chlorpyrifos	EPA 8141A	0.124	RSL	mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Coumaphos	EPA 8141A			mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Dasanit	EPA 8141A			mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Demeton (O + S)	EPA 8141A			mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Demeton-O	EPA 8141A			mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Demeton-S	EPA 8141A			mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Diazinon	EPA 8141A	0.0648	RSL	mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Dibrom	EPA 8141A			mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Dichlorovos	EPA 8141A	0.0000811	RSL	mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Dimethoate	EPA 8141A	0.000899	RSL	mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Disulfoton	EPA 8141A	0.000939	RSL	mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Ethoprop nitrophenyl benzenethiophosphate	EPA 8141A	0.00277	RSL	mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Famphur	EPA 8141A			mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Fenthion	EPA 8141A			mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Guthion	EPA 8141A			mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Malathion	EPA 8141A	0.102	RSL	mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Merphos	EPA 8141A	0.059	RSL	mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Methyl parathion	EPA 8141A	7.41	RSL	µg/kg	--	--	--	--	--	--	--	--	--	--	--
	Mevinphos	EPA 8141A			mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Parathion	EPA 8141A	432	RSL	µg/kg	--	--	--	--	--	--	--	--	--	--	--
	Phorate	EPA 8141A	0.00338	RSL	mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Prothiophos	EPA 8141A			mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Ronnel	EPA 8141A	3.7	RSL	mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Simazine	EPA 8141A			mg/kg	--	--	--	--	--	--	--	--	--	--	--
	Stirophos	EPA 8141A			mg/kg	--	--	--	--	--	--	--	--	--	--	--
Sulfotepp	EPA 8141A			mg/kg	--	--	--	--	--	--	--	--	--	--	--	
Sulprofos	EPA 8141A			mg/kg	--	--	--	--	--	--	--	--	--	--	--	
Thionazin	EPA 8141A			mg/kg	--	--	--	--	--	--	--	--	--	--	--	



**TABLE A-6a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 8**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-61								
			Level	Source		0.8-1.3 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs	35-35.5 ft bgs
						RISB-61-0.8-20141105	RISB-61-5.0-20141106	RISB-61-10.0-20141106	RISB-61-15.0-20141106	RISB-61-20.0-20141106	RISB-61-25.0-20141106	RISB-61-25.0-20141106-FD	RISB-61-30.0-20141106	RISB-61-35.0-20141106
<b>Organo-phosphorus Pesticides</b>	o-Ethyl o-2,4,5-trichlorophenyl ethyl-phosphonothioate	EPA 8141A			mg/kg	--	--	--	--	--	--	--	--	--
<b>Organo-chlorine Pesticides</b>	Aldrin	EPA 8081	0.02	BCL	mg/kg	--	--	--	--	--	--	--	--	--
	alpha-BHC	EPA 8081	0.0266	BCL	mg/kg	--	--	--	--	--	--	--	--	--
	beta-BHC	EPA 8081	0.00545	BCL	mg/kg	--	--	--	--	--	--	--	--	--
	delta-BHC	EPA 8081	28.1	BCL	mg/kg	--	--	--	--	--	--	--	--	--
	gamma-BHC	EPA 8081	0.0005	BCL	mg/kg	--	--	--	--	--	--	--	--	--
	alpha-Chlordane	EPA 8081			mg/kg	--	--	--	--	--	--	--	--	--
	gamma-Chlordane	EPA 8081			mg/kg	--	--	--	--	--	--	--	--	--
	4,4'-DDD	EPA 8081	0.8	BCL	mg/kg	--	--	--	--	--	--	--	--	--
	2,4'-DDE	EPA 8081			mg/kg	--	--	--	--	--	--	--	--	--
	4,4'-DDE	EPA 8081	3	BCL	mg/kg	--	--	--	--	--	--	--	--	--
	4,4'-DDT	EPA 8081	2	BCL	mg/kg	--	--	--	--	--	--	--	--	--
	Dieldrin	EPA 8081	0.0002	BCL	mg/kg	--	--	--	--	--	--	--	--	--
	Endosulfan I	EPA 8081			mg/kg	--	--	--	--	--	--	--	--	--
	Endosulfan II	EPA 8081			mg/kg	--	--	--	--	--	--	--	--	--
	Endosulfan sulfate	EPA 8081			mg/kg	--	--	--	--	--	--	--	--	--
	Endrin	EPA 8081	0.05	BCL	mg/kg	--	--	--	--	--	--	--	--	--
	Endrin aldehyde	EPA 8081			mg/kg	--	--	--	--	--	--	--	--	--
	Endrin ketone	EPA 8081			mg/kg	--	--	--	--	--	--	--	--	--
Heptachlor	EPA 8081	1	BCL	mg/kg	--	--	--	--	--	--	--	--	--	
Heptachlor epoxide	EPA 8081	0.03	BCL	mg/kg	--	--	--	--	--	--	--	--	--	
Methoxychlor	EPA 8081	8	BCL	mg/kg	--	--	--	--	--	--	--	--	--	
Toxaphene	EPA 8081	2	BCL	mg/kg	--	--	--	--	--	--	--	--	--	
<b>PAHs</b>	Acenaphthylene	EPA 8270	0.0106	CAL	mg/kg	--	--	--	--	--	--	--	--	--
	Acenaphthylene	EPA 8270-SIM	0.0106	CAL	mg/kg	--	--	--	--	--	--	--	--	--
	Benzo(a)anthracene	EPA 8270	0.08	BCL	mg/kg	--	--	--	--	--	--	--	--	--
	Benzo(a)anthracene	EPA 8270-SIM	0.08	BCL	mg/kg	--	--	--	--	--	--	--	--	--
	Benzo(a)pyrene	EPA 8270	0.4	BCL	mg/kg	--	--	--	--	--	--	--	--	--
	Benzo(a)pyrene	EPA 8270-SIM	0.4	BCL	mg/kg	--	--	--	--	--	--	--	--	--
	Benzo(b)fluoranthene	EPA 8270	0.2	BCL	mg/kg	--	--	--	--	--	--	--	--	--
	Benzo(b)fluoranthene	EPA 8270-SIM	0.2	BCL	mg/kg	--	--	--	--	--	--	--	--	--
	Benzo(g,h,i)perylene	EPA 8270			mg/kg	--	--	--	--	--	--	--	--	--
	Benzo(g,h,i)perylene	EPA 8270-SIM			mg/kg	--	--	--	--	--	--	--	--	--
	Indeno(1,2,3-cd)pyrene	EPA 8270	0.7	BCL	mg/kg	--	--	--	--	--	--	--	--	--
	Indeno(1,2,3-cd)pyrene	EPA 8270-SIM	0.7	BCL	mg/kg	--	--	--	--	--	--	--	--	--
Phenanthrene	EPA 8270	0.0243	CAL	mg/kg	--	--	--	--	--	--	--	--	--	
Phenanthrene	EPA 8270-SIM	0.0243	CAL	mg/kg	--	--	--	--	--	--	--	--	--	
<b>PCBs</b>	Aroclor-1260	EPA 8082	0.00549	RSL	mg/kg	--	--	--	--	--	--	--	--	--
	PCB-001	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCB-002	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCB-003	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCB-004	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCB-005	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCB-006	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCB-007	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCB-008	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCB-009	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
PCB-010	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	





**TABLE A-6a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 8**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-61															
			Level	Source		0.8-1.3 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs	35-35.5 ft bgs							
						RISB-61-0.8-20141105	RISB-61-5.0-20141106	RISB-61-10.0-20141106	RISB-61-15.0-20141106	RISB-61-20.0-20141106	RISB-61-25.0-20141106	RISB-61-25.0-20141106-FD	RISB-61-30.0-20141106	RISB-61-35.0-20141106							
PCBs	PCB-176	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-177	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-178	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-179	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-181	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-182	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-183	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-184	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-185	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-186	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-187	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-188	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-189	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-190	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-191	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-192	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-194	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-195	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-196	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-197	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-200	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-201	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-202	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-203	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-204	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-205	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-206	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-207	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-208	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	PCB-209	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	PCBs 107+124	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	PCBs 110+115	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	PCBs 12+13	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	PCBs 128+166	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	PCBs 129+138+163	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	PCBs 134+143	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	PCBs 135+151	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	PCBs 139+140	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	PCBs 147+149	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	PCBs 153+168	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	PCBs 156+157	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	PCBs 171+173	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	PCBs 18+30	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	PCBs 180+193	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	PCBs 198+199	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	PCBs 20+28	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	PCBs 21+33	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	PCBs 26+29	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	PCBs 40+71	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

**TABLE A-6a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 8**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-61										
			Level	Source		0.8-1.3 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs	35-35.5 ft bgs		
						RISB-61-0.8-20141105	RISB-61-5.0-20141106	RISB-61-10.0-20141106	RISB-61-15.0-20141106	RISB-61-20.0-20141106	RISB-61-25.0-20141106	RISB-61-25.0-20141106-FD	RISB-61-30.0-20141106	RISB-61-35.0-20141106		
PCBs	PCBs 44+47+65	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCBs 49+69	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCBs 50+53	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCBs 59+62+75	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCBs 61+70+74+76	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCBs 85+116+117	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCBs 86+87+97+108+119+125	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCBs 88+91	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCBs 90+101+113	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCBs 93+100	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
PCBs 98+102	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	
Dioxins/Furans	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--	--	--
	1,2,3,4,6,7,8-Heptachlorodibenzofuran	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--	--	--
	1,2,3,4,7,8,9-Heptachlorodibenzofuran	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--	--	--
	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--	--	--
	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--	--	--
	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--	--	--
	1,2,3,4,7,8-Hexachlorodibenzofuran	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--	--	--
	1,2,3,6,7,8-Hexachlorodibenzofuran	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--	--	--
	1,2,3,7,8,9-Hexachlorodibenzofuran	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--	--	--
	2,3,4,6,7,8-Hexachlorodibenzofuran	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--	--	--
	HpCDD (total)	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--	--	--
	HpCDF (total)	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--	--	--
	HxCDD (total)	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--	--	--
	HxCDF (total)	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--	--	--
	1,2,3,4,5,6,7,8-Octachlorodibenzo-p-dioxin	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--	--	--
	1,2,3,4,5,6,7,8-Octachlorodibenzofuran	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PeCDD (total)	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PeCDF (total)	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--	--	--
	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--	--	--
	1,2,3,7,8-Pentachlorodibenzofuran	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--	--	--
	2,3,4,7,8-Pentachlorodibenzofuran	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--	--	--
	TCDD (total)	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--	--	--
	TCDF (total)	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--	--	--
2,3,7,8-Tetrachlorodibenzo-p-dioxin	EPA 8290		15 RSL	pg/g	--	--	--	--	--	--	--	--	--	--	--	

**TABLE A-6a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 8**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-61									
			Level	Source		0.8-1.3 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs	35-35.5 ft bgs	
						RISB-61-0.8-20141105	RISB-61-5.0-20141106	RISB-61-10.0-20141106	RISB-61-15.0-20141106	RISB-61-20.0-20141106	RISB-61-25.0-20141106	RISB-61-25.0-20141106-FD	RISB-61-30.0-20141106	RISB-61-35.0-20141106	
Dioxins/Furans	2,3,7,8-Tetrachlorodibenzofuran	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--	--
	Total PCB TEQs (calculated by TAS)	EPA 8280A			pg/g	--	--	--	--	--	--	--	--	--	--
	Total TEQ (Calculated)	EPA 8280A			pg/g	--	--	--	--	--	--	--	--	--	--
Organic Acids	Phthalic acid	EPA 8270			µg/kg	--	--	--	--	--	--	--	--	--	--
Radionuclides	Radium-226	EPA 903.0	0.006	BCL	pCi/g	--	--	--	--	--	--	--	--	--	--
	Radium-228	EPA 904.0	0.006	BCL	pCi/g	--	--	--	--	--	--	--	--	--	--
	Thorium-228	DOE A-01-R	0.0027	BCL	pCi/g	--	--	--	--	--	--	--	--	--	--
	Thorium-230	DOE A-01-R	0.001	BCL	pCi/g	--	--	--	--	--	--	--	--	--	--
	Thorium-232	DOE A-01-R	0.0035	BCL	pCi/g	--	--	--	--	--	--	--	--	--	--
	Uranium-233/234	DOE A-01-R			pCi/g	--	--	--	--	--	--	--	--	--	--
	Uranium-235/236	DOE A-01-R			pCi/g	--	--	--	--	--	--	--	--	--	--
	Uranium-238	DOE A-01-R			pCi/g	--	--	--	--	--	--	--	--	--	--
	Uranium-238	EPA 6020	13.5	BCL	mg/kg	--	--	--	--	--	--	--	--	--	
Total Petroleum Hydrocarbons	Diesel Range Organics (C10-C28)	EPA 8015			mg/kg	20	12	100	3.0 J	81	120 J	18 J	<2.9	<6.8	
	EFH (C10-C40)	EPA 8015			mg/kg	66	33	250	6.8	120	170 J	27 J	6.0	12 J	
	Gasoline Range Organics (C6-C10)	EPA 8015			µg/kg	<150	<150	<160	<150	<170	<170	<160	<170	<200	
	Petroleum Hydrocarbons (C29-C40)	EPA 8015			mg/kg	45	20	140	<2.7	40	41 J	2.6 UJ	<2.9	<6.8	
General Chemistry	Alkalinity (as CaCO3)	SM 2320			mg/kg	27,000	26,000	38,000	44,000	56,000	40,000	39,000	87,000	170,000	
	Ammonia (as NH3)	SM 4500			mg/kg	2.8 J	5.1 J	9.2 J	5.9 J	3.7 J	3.3 J	2.9 J	3.4 J	3.4 J	
	Bicarbonate as HCO3	SM 2320			mg/kg	32,000	31,000	45,000	52,000	67,000	47,000	47,000	110,000	210,000	
	Bromide	EPA 300			mg/kg	6.9	4.4 J	4.5 J	5.1 J	4.6 J	4.8 J	3.7 UJ	6.0	<4.7	
	Carbonate (CO3)	SM 2320			mg/kg	320	630	660	640	650	640	630	<350	810	
	Chloride	EPA 300			mg/kg	920	140	250	200	200	240 J	90 J	780	380	
	Hydroxide	SM 2320			mg/kg	<180	<180	<190	<180	<180	<180	<180	<200	<230	
	Nitrate	EPA 300	7	BCL	mg/kg	--	--	--	--	--	--	--	--	--	
	Nitrate (as NO3)	EPA 300			mg/kg	63 J	13	12	8.8	8.0	8.7	5.9	13	7.5	
	Nitrate/Nitrite	EPA 300			mg/kg	14	3.0	2.7	2.0	1.8	2.0	1.3	3.0	1.7	
	Nitrite	EPA 300			mg/kg	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.3	<1.5	
	ortho-Phosphate (total) (as PO4)	EPA 300			mg/kg	<4.4 R	35	11	<4.3	<4.3	<4.3	<4.2	<4.8	<5.4	
	Phosphorus (total)	EPA 6010	0.00148	RSL	mg/kg	--	1,100	1,300	1,000	1,000	1,000	880	630	620	
	Silicon	EPA 6010			mg/kg	--	150 J	150 J	91 J	110 J	90 J	97 J	160 J	140 J	
	Sulfate	EPA 300			mg/kg	880	690	460	220	240	270 J	130 J	3,200	140	
Sulfur	EPA 6020			mg/kg	14,000 J	<410	<390	<380	430 J	<380	<410	2,500 J	<520		
pH	EPA 9045			s.u.	--	--	--	--	--	--	--	--	--		

**Notes:**

ft bgs: feet below ground surface

FD: Field Duplicate

Above Screening Level

bold value: detection

Soil screening levels were selected according to the following hierarchy of criteria:

1. Basic Comparison Level (BCL): Leaching-based basic comparison levels (LBCL) with dilution attenuation factor (DAF) of 1 in the most recent version of Nevada Division of

**Sources:**

NDEP, 2015. User's Guide and Background Technical Document for NDEP Basic

Comparison Levels (BCLs) for Human Health for the BMI Complex and

Common Areas. Revision 13, February.

USEPA, 2015. Regional Screening Levels (RSL) for Chemical Contaminants at Superfund

Sites. June.

**TABLE A-6a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 8**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-61								
			Level	Source		0.8-1.3 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs	35-35.5 ft bgs
						RISB-61-0.8-20141105	RISB-61-5.0-20141106	RISB-61-10.0-20141106	RISB-61-15.0-20141106	RISB-61-20.0-20141106	RISB-61-25.0-20141106	RISB-61-25.0-20141106-FD	RISB-61-30.0-20141106	RISB-61-35.0-20141106

Environmental Protection (NDEP) documents (February 2015).

2. Regional Screening Level (RSL): United States Environmental Protection Agency (USEPA) Regional Screening Levels (RSL) for groundwater protection (June 2015), with the maximum contaminant level (MCL) based screening levels selected over the risk-based screening levels, if available (USEPA 2015)
3. Calculated Criteria (CAL): Generic leaching-based BCLs (LBCLs) calculated using the approach presented in NDEP guidance (NDEP 2015).

**TABLE A-6a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 8**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-62							
			Level	Source		0.8-1.3 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs	30-30.5 ft bgs
						RISB-62-0.8-20141111	RISB-62-5.0-20141111	RISB-62-10.0-20141111	RISB-62-15.0-20141111	RISB-62-20.0-20141111	RISB-62-25.0-20141111	RISB-62-30.0-20141111	RISB-62-30.0-20141111-FD
Chlorates	Chlorate	EPA 300.1	1.03	BCL	mg/kg	<0.054	<0.054	<0.054	<0.054	<b>0.063 J</b>	<0.053	<b>110</b>	<b>110</b>
	Perchlorate	EPA 314.0	0.0185	BCL	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	<b>0.16</b>	<b>11</b>	<b>8.9</b>
Common Metals	Aluminum	EPA 6010	75	BCL	mg/kg	<b>8,000</b>	<b>8,700</b>	<b>9,600</b>	<b>10,000</b>	<b>9,300</b>	<b>7,800</b>	<b>14,000 J</b>	<b>8,200 J</b>
	Antimony	EPA 6020	0.3	BCL	mg/kg	0.54 UJ	0.54 UJ	0.55 UJ	0.54 UJ	0.53 UJ	0.53 UJ	0.68 UJ	0.66 UJ
	Arsenic	EPA 6020	1	BCL	mg/kg	<b>2.5</b>	<b>2.6</b>	<b>2.8</b>	<b>3.2</b>	<b>3.5</b>	<b>18</b>	<b>24</b>	<b>27</b>
	Barium	EPA 6010	82	BCL	mg/kg	<b>180 J</b>	<b>130 J</b>	<b>130 J</b>	<b>200 J</b>	<b>140 J</b>	<b>87 J</b>	<b>53 J</b>	<b>38 J</b>
	Boron	EPA 6010	21.4	BCL	mg/kg	<b>3.4 J</b>	<b>4.1 J</b>	<b>4.8 J</b>	<b>5.6</b>	<5.3	<b>8.5</b>	<b>25</b>	<b>16</b>
	Cadmium	EPA 6010	0.4	BCL	mg/kg	<0.27	<0.27	<0.27	<0.27	<0.53	<0.27	<0.34	<0.66
	Chromium (total)	EPA 6010	180,000	RSL	mg/kg	<b>12</b>	<b>17</b>	<b>20</b>	<b>25</b>	<b>24</b>	<b>24</b>	<b>47</b>	<b>43</b>
	Cobalt	EPA 6010	0.453	BCL	mg/kg	<b>9.5</b>	<b>8.7</b>	<b>8.2</b>	<b>13</b>	<b>8.8</b>	<b>6.1</b>	<b>5.0 J</b>	<b>2.6 J</b>
	Copper	EPA 6010	45.8	BCL	mg/kg	<b>20</b>	<b>20</b>	<b>18</b>	<b>20</b>	<b>21</b>	<b>17</b>	<b>14</b>	<b>11</b>
	Iron	EPA 6010	7.56	BCL	mg/kg	<b>13,000</b>	<b>19,000</b>	<b>18,000</b>	<b>18,000</b>	<b>19,000</b>	<b>14,000</b>	<b>13,000</b>	<b>8,000</b>
	Lead	EPA 6010	13.5	RSL	mg/kg	<b>11</b>	<b>8.6</b>	<b>7.5</b>	<b>8.2</b>	<b>8.5</b>	<b>6.7</b>	<b>6.8 J</b>	<b>4.0 J</b>
	Magnesium	EPA 6010	889	BCL	mg/kg	<b>7,900</b>	<b>7,900</b>	<b>11,000</b>	<b>9,200</b>	<b>11,000</b>	<b>9,200</b>	<b>30,000</b>	<b>25,000</b>
	Manganese	EPA 6010	1.3	BCL	mg/kg	<b>1,500</b>	<b>380</b>	<b>2,200</b>	<b>4,400</b>	<b>5,000</b>	<b>520</b>	<b>350 J</b>	<b>120 J</b>
	Mercury	EPA 7471	0.104	BCL	mg/kg	<b>0.052</b>	<b>0.044</b>	<b>0.034</b>	<b>0.056</b>	<b>0.034</b>	<b>0.017 J</b>	<0.017	<0.016
	Molybdenum	EPA 6010	3.37	BCL	mg/kg	<1.1	<1.1	<1.1	<1.1	<2.1	<b>2.0 J</b>	<b>1.6 J</b>	2.6 UJ
	Nickel	EPA 6010	7	BCL	mg/kg	<b>15</b>	<b>17</b>	<b>16</b>	<b>18</b>	<b>18</b>	<b>13</b>	<b>12</b>	<b>7.3</b>
	Selenium	EPA 6020	0.3	BCL	mg/kg	<0.54	<0.54	<0.55	<0.54	<0.53	<0.53	<0.68	<0.66
Silver	EPA 6010	0.85	BCL	mg/kg	<0.81	<0.80	<0.82	<0.80	<1.6	<0.80	<1.0	<2.0	
Thallium	EPA 6020	0.4	BCL	mg/kg	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.34	<0.33	
Zinc	EPA 6010	620	BCL	mg/kg	<b>37</b>	<b>40</b>	<b>42</b>	<b>41</b>	<b>43</b>	<b>32</b>	<b>39</b>	<b>27</b>	
Hexavalent Chromium	Chromium VI	EPA 7199	2	BCL	mg/kg	<0.44	<0.43	<0.43	<0.43	<0.42	<0.43	<0.54	<0.53
Rare Metals	Niobium	EPA 6020	1.17	BCL	mg/kg	--	--	--	--	--	--	--	--
	Palladium	EPA 6020			mg/kg	--	--	--	--	--	--	--	--
	Strontium	EPA 6010	422	RSL	mg/kg	--	--	--	--	--	--	--	--
	Tungsten	EPA 6010	37.6	BCL	mg/kg	--	--	--	--	--	--	--	--
	Zirconium	EPA 6010	4.79	RSL	mg/kg	--	--	--	--	--	--	--	--
VOCs	Acetone	EPA 8260	0.8	BCL	mg/kg	<b>0.017 J</b>	0.0081 UJ	<b>0.18 J</b>	<b>0.19 J</b>	<b>0.066 J</b>	<b>0.013 J</b>	0.011 UJ	0.011 UJ
	t-Amyl methyl ether	EPA 8260			mg/kg	<0.0010	<0.0010	<0.0011	<0.0011	<0.0010	<0.0011	<0.0014	<0.0013
	Benzene	EPA 8260	0.002	BCL	mg/kg	0.00050 UJ	0.00051 UJ	0.00054 UJ	0.00053 UJ	0.00051 UJ	0.00053 UJ	0.00071 UJ	0.00066 UJ
	Bromobenzene	EPA 8260	0.0421	RSL	mg/kg	0.0010 UJ	0.0010 UJ	0.0011 UJ	0.0011 UJ	0.0010 UJ	0.0011 UJ	0.0014 UJ	0.0013 UJ
	Bromochloromethane	EPA 8260			mg/kg	0.0010 UJ	0.0010 UJ	0.0011 UJ	0.0011 UJ	0.0010 UJ	0.0011 UJ	0.0014 UJ	0.0013 UJ
	Bromodichloromethane	EPA 8260	0.03	BCL	mg/kg	0.00050 UJ	0.00051 UJ	0.00054 UJ	0.00053 UJ	0.00051 UJ	0.00053 UJ	0.00071 UJ	0.00066 UJ
	Bromoform	EPA 8260	0.04	BCL	mg/kg	<0.0010	<0.0010	<0.0011	<0.0011	<0.0010	<0.0011	<0.0014	<0.0013
	Bromomethane	EPA 8260	0.01	BCL	mg/kg	0.0010 UJ	0.0010 UJ	0.0011 UJ	0.0011 UJ	0.0010 UJ	0.0011 UJ	0.0014 UJ	0.0013 UJ
	2-Butanone	EPA 8260	1.16	RSL	mg/kg	0.0050 UJ	0.0051 UJ	<b>0.022 J</b>	<b>0.023 J</b>	0.0051 UJ	0.0053 UJ	0.0071 UJ	0.0066 UJ
	n-Butylbenzene	EPA 8260	3.23	RSL	mg/kg	0.0010 UJ	0.0010 UJ	0.0011 UJ	0.0011 UJ	0.0010 UJ	0.0011 UJ	0.0014 UJ	0.0013 UJ
	sec-Butylbenzene	EPA 8260	5.87	RSL	mg/kg	0.0010 UJ	0.0010 UJ	0.0011 UJ	0.0011 UJ	0.0010 UJ	0.0011 UJ	0.0014 UJ	0.0013 UJ
	Carbon tetrachloride	EPA 8260	0.003	BCL	mg/kg	0.00050 UJ	0.00051 UJ	0.00054 UJ	0.00053 UJ	0.00051 UJ	0.00053 UJ	0.00071 UJ	0.00066 UJ
	Chlorobenzene	EPA 8260	0.07	BCL	mg/kg	<0.00050	<0.00051	<0.00054	<0.00053	<0.00051	<0.00053	<0.00071	<0.00066
	Chloroethane	EPA 8260	5.92	RSL	mg/kg	<0.0010	<0.0010	<0.0011	<0.0011	<0.0010	<0.0011	<0.0014	<0.0013
	Chloroform	EPA 8260	0.03	BCL	mg/kg	<0.00050	<0.00051	<0.00054	<0.00053	<0.00051	<0.00053	<b>0.022</b>	<b>0.030</b>
	Chloromethane	EPA 8260	0.0486	RSL	mg/kg	<0.0010	<0.0010	<0.0011	<0.0011	<0.0010	<0.0011	<0.0014	<0.0013
	2-Chlorotoluene	EPA 8260	0.231	RSL	mg/kg	0.0010 UJ	0.0010 UJ	0.0011 UJ	0.0011 UJ	0.0010 UJ	0.0011 UJ	0.0014 UJ	0.0013 UJ
	4-Chlorotoluene	EPA 8260	0.241	RSL	mg/kg	0.0010 UJ	0.0010 UJ	0.0011 UJ	0.0011 UJ	0.0010 UJ	0.0011 UJ	0.0014 UJ	0.0013 UJ
	Cumene	EPA 8260	0.738	RSL	mg/kg	<0.00050	<0.00051	<0.00054	<0.00053	<0.00051	<0.00053	<0.00071	<0.00066
p-Cymene	EPA 8260	3.91	CAL	mg/kg	<0.00050	<0.00051	<0.00054	<0.00053	<0.00051	<0.00053	<0.00071	<0.00066	



**TABLE A-6a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 8**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-62							
			Level	Source		0.8-1.3 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs	30-30.5 ft bgs
						RISB-62-0.8-20141111	RISB-62-5.0-20141111	RISB-62-10.0-20141111	RISB-62-15.0-20141111	RISB-62-20.0-20141111	RISB-62-25.0-20141111	RISB-62-30.0-20141111	RISB-62-30.0-20141111-FD
VOCs	Dibromochloromethane	EPA 8260	0.02	BCL	mg/kg	0.00090 J	0.00051 UJ	0.00054 UJ	0.00053 UJ	0.00051 UJ	0.00053 UJ	0.00071 UJ	0.00066 UJ
	1,2-Dibromoethane	EPA 8260	0.000141	RSL	mg/kg	0.00050 UJ	0.00051 UJ	0.00054 UJ	0.00053 UJ	0.00051 UJ	0.00053 UJ	0.00071 UJ	0.00066 UJ
	Dibromomethane	EPA 8260	0.00197	RSL	mg/kg	<0.00050	<0.00051	<0.00054	<0.00053	<0.00051	<0.00053	<0.00071	<0.00066
	1,2-Dichlorobenzene	EPA 8260	0.9	BCL	mg/kg	0.00050 UJ	0.00051 UJ	0.00054 UJ	0.00053 UJ	0.00051 UJ	0.00053 UJ	0.00071 UJ	0.00066 UJ
	1,3-Dichlorobenzene	EPA 8260	0.0473	CAL	mg/kg	<0.00050	<0.00051	<0.00054	<0.00053	<0.00051	<0.00053	<0.00071	<0.00066
	1,4-Dichlorobenzene	EPA 8260	0.1	BCL	mg/kg	<0.00050	<0.00051	<0.00054	<0.00053	<0.00051	<0.00053	<0.00071	<0.00066
	Dichlorodifluoromethane	EPA 8260	0.304	RSL	mg/kg	0.0010 UJ	0.0010 UJ	0.0011 UJ	0.0011 UJ	0.0010 UJ	0.0011 UJ	0.0014 UJ	0.0013 UJ
	1,1-Dichloroethane	EPA 8260	1	BCL	mg/kg	0.00050 UJ	0.00051 UJ	0.00054 UJ	0.00053 UJ	0.00051 UJ	0.00053 UJ	0.00071 UJ	0.00066 UJ
	1,2-Dichloroethane	EPA 8260	0.001	BCL	mg/kg	<0.00050	<0.00051	<0.00054	<0.00053	<0.00051	<0.00053	<0.00071	<0.00066
	1,1-Dichloroethene	EPA 8260	0.003	BCL	mg/kg	<0.00050	<0.00051	<0.00054	<0.00053	<0.00051	<0.00053	<0.00071	<0.00066
	cis-1,2-Dichloroethene	EPA 8260	0.02	BCL	mg/kg	0.00050 UJ	0.00051 UJ	0.00054 UJ	0.00053 UJ	0.00051 UJ	0.00053 UJ	0.00071 UJ	0.00066 UJ
	trans-1,2-Dichloroethene	EPA 8260	0.03	BCL	mg/kg	0.00050 UJ	0.00051 UJ	0.00054 UJ	0.00053 UJ	0.00051 UJ	0.00053 UJ	0.00071 UJ	0.00066 UJ
	1,2-Dichloropropane	EPA 8260	0.001	BCL	mg/kg	0.00050 UJ	0.00051 UJ	0.00054 UJ	0.00053 UJ	0.00051 UJ	0.00053 UJ	0.00071 UJ	0.00066 UJ
	1,3-Dichloropropane	EPA 8260	0.001	BCL	mg/kg	<0.00050	<0.00051	<0.00054	<0.00053	<0.00051	<0.00053	<0.00071	<0.00066
	2,2-Dichloropropane	EPA 8260			mg/kg	0.0010 UJ	0.0010 UJ	0.0011 UJ	0.0011 UJ	0.0010 UJ	0.0011 UJ	0.0014 UJ	0.0013 UJ
	1,1-Dichloropropene	EPA 8260			mg/kg	0.00050 UJ	0.00051 UJ	0.00054 UJ	0.00053 UJ	0.00051 UJ	0.00053 UJ	0.00071 UJ	0.00066 UJ
	cis-1,3-Dichloropropene	EPA 8260			mg/kg	0.00050 UJ	0.00051 UJ	0.00054 UJ	0.00053 UJ	0.00051 UJ	0.00053 UJ	0.00071 UJ	0.00066 UJ
	trans-1,3-Dichloropropene	EPA 8260			mg/kg	0.00050 UJ	0.00051 UJ	0.00054 UJ	0.00053 UJ	0.00051 UJ	0.00053 UJ	0.00071 UJ	0.00066 UJ
	Diisopropyl ether	EPA 8260			mg/kg	0.0010 UJ	0.0010 UJ	0.0011 UJ	0.0011 UJ	0.0010 UJ	0.0011 UJ	0.0014 UJ	0.0013 UJ
	Ethyl benzene	EPA 8260	0.7	BCL	mg/kg	<0.00050	<0.00051	<0.00054	<0.00053	<0.00051	<0.00053	<0.00071	<0.00066
	Ethyl tert-butyl ether	EPA 8260			mg/kg	0.0010 UJ	0.0010 UJ	0.0011 UJ	0.0011 UJ	0.0010 UJ	0.0011 UJ	0.0014 UJ	0.0013 UJ
	Hexachlorobutadiene	EPA 8260	0.1	BCL	mg/kg	<0.0010	<0.0010	<0.0011	<0.0011	<0.0010	<0.0011	<0.0014	<0.0013
	2-Hexanone	EPA 8260			mg/kg	0.0050 UJ	0.0051 UJ	0.0054 UJ	0.0053 UJ	0.0051 UJ	0.0053 UJ	0.0071 UJ	0.0066 UJ
	Methyl tert-butyl ether	EPA 8260			mg/kg	<0.0010	<0.0010	<0.0011	<0.0011	<0.0010	<0.0011	<0.0014	<0.0013
	Methylene chloride	EPA 8260	0.001	BCL	mg/kg	<0.0050	<0.0051	<0.0054	<0.0053	<0.0051	<0.0053	<0.0071	<0.0066
	Naphthalene	EPA 8260	4	BCL	mg/kg	0.0010 UJ	0.0010 UJ	0.0011 UJ	0.0011 UJ	0.0010 UJ	0.0011 UJ	0.0014 UJ	0.0013 UJ
	n-Propylbenzene	EPA 8260	1.22	RSL	mg/kg	0.00050 UJ	0.00051 UJ	0.00054 UJ	0.00053 UJ	0.00051 UJ	0.00053 UJ	0.00071 UJ	0.00066 UJ
	Styrene	EPA 8260	0.2	BCL	mg/kg	0.00050 UJ	0.00051 UJ	0.00054 UJ	0.00053 UJ	0.00051 UJ	0.00053 UJ	0.00071 UJ	0.00066 UJ
	1,1,1,2-Tetrachloroethane	EPA 8260	0.000218	RSL	mg/kg	0.0010 UJ	0.0010 UJ	0.0011 UJ	0.0011 UJ	0.0010 UJ	0.0011 UJ	0.0014 UJ	0.0013 UJ
	1,1,2,2-Tetrachloroethane	EPA 8260	0.0002	BCL	mg/kg	<0.0010	<0.0010	<0.0011	<0.0011	<0.0010	<0.0011	<0.0014	<0.0013
	Tetrachloroethene	EPA 8260	0.003	BCL	mg/kg	<0.00050	<0.00051	<0.00054	<0.00053	<0.00051	<0.00053	<0.00071	<0.00066
	Toluene	EPA 8260	0.6	BCL	mg/kg	<0.00050	<0.00051	<0.00054	<0.00053	<0.00051	<0.00053	<0.00071	<0.00066
	1,2,3-Trichlorobenzene	EPA 8260	0.0209	RSL	mg/kg	0.0010 UJ	0.0010 UJ	0.0011 UJ	0.0011 UJ	0.0010 UJ	0.0011 UJ	0.0014 UJ	0.0013 UJ
	1,2,4-Trichlorobenzene	EPA 8260	0.3	BCL	mg/kg	0.0010 UJ	0.0010 UJ	0.0011 UJ	0.0011 UJ	0.0010 UJ	0.0011 UJ	0.0014 UJ	0.0013 UJ
	1,1,1-Trichloroethane	EPA 8260	0.1	BCL	mg/kg	<0.00050	<0.00051	<0.00054	<0.00053	<0.00051	<0.00053	<0.00071	<0.00066
	1,1,2-Trichloroethane	EPA 8260	0.0009	BCL	mg/kg	0.00050 UJ	0.00051 UJ	0.00054 UJ	0.00053 UJ	0.00051 UJ	0.00053 UJ	0.00071 UJ	0.00066 UJ
	Trichloroethene	EPA 8260	0.003	BCL	mg/kg	<0.00050	<0.00051	<0.00054	<0.00053	<0.00051	<0.00053	<0.00071	<0.00066
	Trichlorofluoromethane	EPA 8260	0.731	RSL	mg/kg	<0.0010	<0.0010	<0.0011	<0.0011	<0.0010	<0.0011	<0.0014	<0.0013
	1,2,3-Trichloropropane	EPA 8260	0.00000323	RSL	mg/kg	0.0010 UJ	0.0010 UJ	0.0011 UJ	0.0011 UJ	0.0010 UJ	0.0011 UJ	0.0014 UJ	0.0013 UJ
	1,2,4-Trimethylbenzene	EPA 8260	0.0212	RSL	mg/kg	0.0010 UJ	0.0010 UJ	0.0011 UJ	0.0011 UJ	0.0010 UJ	0.0011 UJ	0.0014 UJ	0.0013 UJ
1,3,5-Trimethylbenzene	EPA 8260	0.167	RSL	mg/kg	0.0010 UJ	0.0010 UJ	0.0011 UJ	0.0011 UJ	0.0010 UJ	0.0011 UJ	0.0014 UJ	0.0013 UJ	
Vinyl chloride	EPA 8260	0.0007	BCL	mg/kg	<0.0010	<0.0010	<0.0011	<0.0011	<0.0010	<0.0011	<0.0014	<0.0013	
m,p-Xylene	EPA 8260			mg/kg	<0.0010	<0.0010	<0.0011	<0.0011	<0.0010	<0.0011	<0.0014	<0.0013	
o-Xylene	EPA 8260	9	BCL	mg/kg	0.00050 UJ	0.00051 UJ	0.00054 UJ	0.00053 UJ	0.00051 UJ	0.00053 UJ	0.00071 UJ	0.00066 UJ	
1,2-Dibromo-3-chloropropane	EPA 8260	0.0000864	RSL	mg/kg	<0.0020	<0.0020	<0.0022	<0.0021	<0.0020	<0.0021	<0.0028	<0.0026	
4-Methyl-2-pentanone	EPA 8260			mg/kg	0.0025 UJ	0.0025 UJ	0.0027 UJ	0.0027 UJ	0.0025 UJ	0.0026 UJ	0.0035 UJ	0.0033 UJ	
tert Butyl alcohol	EPA 8260			mg/kg	<0.010	<0.010	<0.011	<0.011	<0.010	<0.011	<0.014	<0.013	
tert-Butylbenzene	EPA 8260	1.55	RSL	mg/kg	0.0010 UJ	0.0010 UJ	0.0011 UJ	0.0011 UJ	0.0010 UJ	0.0011 UJ	0.0014 UJ	0.0013 UJ	

**TABLE A-6a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 8**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-62								
			Level	Source		0.8-1.3 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs	30-30.5 ft bgs	
						RISB-62-0.8-20141111	RISB-62-5.0-20141111	RISB-62-10.0-20141111	RISB-62-15.0-20141111	RISB-62-20.0-20141111	RISB-62-25.0-20141111	RISB-62-30.0-20141111	RISB-62-30.0-20141111-FD	
SVOCs	Acenaphthene	EPA 8270	29	BCL	mg/kg	--	--	--	--	--	--	--	--	--
	Acenaphthene	EPA 8270-SIM	29	BCL	mg/kg	--	--	--	--	--	--	--	--	--
	Aniline	EPA 8270	0.00456	RSL	mg/kg	--	--	--	--	--	--	--	--	--
	Anthracene	EPA 8270	590	BCL	mg/kg	--	--	--	--	--	--	--	--	--
	Anthracene	EPA 8270-SIM	590	BCL	mg/kg	--	--	--	--	--	--	--	--	--
	Benzidine	EPA 8270			mg/kg	--	--	--	--	--	--	--	--	--
	Benzo(k)fluoranthene	EPA 8270	2	BCL	mg/kg	--	--	--	--	--	--	--	--	--
	Benzo(k)fluoranthene	EPA 8270-SIM	2	BCL	mg/kg	--	--	--	--	--	--	--	--	--
	Benzoic acid	EPA 8270	20	BCL	mg/kg	--	--	--	--	--	--	--	--	--
	Benzyl alcohol	EPA 8270	0.476	RSL	mg/kg	--	--	--	--	--	--	--	--	--
	4-Bromophenyl-phenyl ether	EPA 8270			mg/kg	--	--	--	--	--	--	--	--	--
	Butylbenzylphthalate	EPA 8270	810	BCL	mg/kg	--	--	--	--	--	--	--	--	--
	4-Chloroaniline	EPA 8270	0.03	BCL	mg/kg	--	--	--	--	--	--	--	--	--
	2-Chloronaphthalene	EPA 8270	3.85	RSL	mg/kg	--	--	--	--	--	--	--	--	--
	2-Chlorophenol	EPA 8270	0.2	BCL	mg/kg	--	--	--	--	--	--	--	--	--
	4-Chlorophenyl-phenyl ether	EPA 8270			mg/kg	--	--	--	--	--	--	--	--	--
	Chrysene	EPA 8270	8	BCL	mg/kg	--	--	--	--	--	--	--	--	--
	Chrysene	EPA 8270-SIM	8	BCL	mg/kg	--	--	--	--	--	--	--	--	--
	Di-n-butylphthalate	EPA 8270	270	BCL	mg/kg	--	--	--	--	--	--	--	--	--
	Di-n-octylphthalate	EPA 8270	56.5	RSL	mg/kg	--	--	--	--	--	--	--	--	--
	Dibenz(a,h)anthracene	EPA 8270	0.08	BCL	mg/kg	--	--	--	--	--	--	--	--	--
	Dibenz(a,h)anthracene	EPA 8270-SIM	0.08	BCL	mg/kg	--	--	--	--	--	--	--	--	--
	Dibenzofuran	EPA 8270	0.145	RSL	mg/kg	--	--	--	--	--	--	--	--	--
	3,3'-Dichlorobenzidine	EPA 8270	0.0003	BCL	mg/kg	--	--	--	--	--	--	--	--	--
	2,4-Dichlorophenol	EPA 8270	0.05	BCL	mg/kg	--	--	--	--	--	--	--	--	--
	Diethylphthalate	EPA 8270	6.08	RSL	mg/kg	--	--	--	--	--	--	--	--	--
	2,4-Dimethylphenol	EPA 8270	0.4	BCL	mg/kg	--	--	--	--	--	--	--	--	--
	Dimethylphthalate	EPA 8270			mg/kg	--	--	--	--	--	--	--	--	--
	2,4-Dinitrophenol	EPA 8270	0.01	BCL	mg/kg	--	--	--	--	--	--	--	--	--
	2,4-Dinitrotoluene	EPA 8270	0.00004	BCL	mg/kg	--	--	--	--	--	--	--	--	--
	2,6-Dinitrotoluene	EPA 8270	0.00003	BCL	mg/kg	--	--	--	--	--	--	--	--	--
	Fluoranthene	EPA 8270	210	BCL	mg/kg	--	--	--	--	--	--	--	--	--
	Fluoranthene	EPA 8270-SIM	210	BCL	mg/kg	--	--	--	--	--	--	--	--	--
	Fluorene	EPA 8270	28	BCL	mg/kg	--	--	--	--	--	--	--	--	--
	Fluorene	EPA 8270-SIM	28	BCL	mg/kg	--	--	--	--	--	--	--	--	--
	Hexachlorobenzene	EPA 8270	0.1	BCL	mg/kg	--	--	--	--	--	--	--	--	--
	Hexachlorocyclopentadiene	EPA 8270	20	BCL	mg/kg	--	--	--	--	--	--	--	--	--
	Hexachloroethane	EPA 8270	0.02	BCL	mg/kg	--	--	--	--	--	--	--	--	--
	Isophorone	EPA 8270	0.03	BCL	mg/kg	--	--	--	--	--	--	--	--	--
	1-Methylnaphthalene	EPA 8270	0.00584	RSL	mg/kg	--	--	--	--	--	--	--	--	--
	2-Methylnaphthalene	EPA 8270	0.185	RSL	mg/kg	--	--	--	--	--	--	--	--	--
	2-Methylphenol	EPA 8270	0.8	BCL	mg/kg	--	--	--	--	--	--	--	--	--
3&4-Methylphenol	EPA 8270			mg/kg	--	--	--	--	--	--	--	--	--	
Naphthalene	EPA 8270	4	BCL	mg/kg	--	--	--	--	--	--	--	--	--	
Naphthalene	EPA 8270-SIM	4	BCL	mg/kg	--	--	--	--	--	--	--	--	--	
2-Nitroaniline	EPA 8270	0.0801	RSL	mg/kg	--	--	--	--	--	--	--	--	--	
3-Nitroaniline	EPA 8270			mg/kg	--	--	--	--	--	--	--	--	--	
4-Nitroaniline	EPA 8270	0.00158	RSL	mg/kg	--	--	--	--	--	--	--	--	--	
Nitrobenzene	EPA 8270	0.007	BCL	mg/kg	--	--	--	--	--	--	--	--	--	

**TABLE A-6a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 8**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-62								
			Level	Source		0.8-1.3 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs	30-30.5 ft bgs	
						RISB-62-0.8-20141111	RISB-62-5.0-20141111	RISB-62-10.0-20141111	RISB-62-15.0-20141111	RISB-62-20.0-20141111	RISB-62-25.0-20141111	RISB-62-30.0-20141111	RISB-62-30.0-20141111-FD	
SVOCs	2-Nitrophenol	EPA 8270			mg/kg	--	--	--	--	--	--	--	--	--
	4-Nitrophenol	EPA 8270			mg/kg	--	--	--	--	--	--	--	--	--
	n-Nitrosodiphenylamine	EPA 8270	0.06	BCL	mg/kg	--	--	--	--	--	--	--	--	--
	Octachlorostyrene	EPA 8270			mg/kg	--	--	--	--	--	--	--	--	--
	Pentachlorophenol	EPA 8270	0.001	BCL	mg/kg	--	--	--	--	--	--	--	--	--
	Phenol	EPA 8270	5	BCL	mg/kg	--	--	--	--	--	--	--	--	--
	Pyrene	EPA 8270	210	BCL	mg/kg	--	--	--	--	--	--	--	--	--
	Pyrene	EPA 8270-SIM	210	BCL	mg/kg	--	--	--	--	--	--	--	--	--
	Pyridine	EPA 8270			mg/kg	--	--	--	--	--	--	--	--	--
	2,4,5-Trichlorophenol	EPA 8270	14	BCL	mg/kg	--	--	--	--	--	--	--	--	--
	2,4,6-Trichlorophenol	EPA 8270	0.008	BCL	mg/kg	--	--	--	--	--	--	--	--	--
	bis(2-Chloroethoxy)methane	EPA 8270	0.0135	RSL	mg/kg	--	--	--	--	--	--	--	--	--
	bis(2-Chloroethyl) ether	EPA 8270	0.00002	BCL	mg/kg	--	--	--	--	--	--	--	--	--
	bis(2-Ethylhexyl)phthalate	EPA 8270	180	BCL	mg/kg	--	--	--	--	--	--	--	--	--
4-Chloro-3-methylphenol	EPA 8270	1.71	RSL	mg/kg	--	--	--	--	--	--	--	--	--	
n-Nitroso-di-n-propylamine	EPA 8270	0.000002	BCL	mg/kg	--	--	--	--	--	--	--	--	--	
Organo-phosphorus Pesticides	Atrazine	EPA 8141A			mg/kg	--	--	--	--	--	--	--	--	--
	Chlorpyrifos	EPA 8141A	0.124	RSL	mg/kg	--	--	--	--	--	--	--	--	--
	Coumaphos	EPA 8141A			mg/kg	--	--	--	--	--	--	--	--	--
	Dasanit	EPA 8141A			mg/kg	--	--	--	--	--	--	--	--	--
	Demeton (O + S)	EPA 8141A			mg/kg	--	--	--	--	--	--	--	--	--
	Demeton-O	EPA 8141A			mg/kg	--	--	--	--	--	--	--	--	--
	Demeton-S	EPA 8141A			mg/kg	--	--	--	--	--	--	--	--	--
	Diazinon	EPA 8141A	0.0648	RSL	mg/kg	--	--	--	--	--	--	--	--	--
	Dibrom	EPA 8141A			mg/kg	--	--	--	--	--	--	--	--	--
	Dichlorovos	EPA 8141A	0.0000811	RSL	mg/kg	--	--	--	--	--	--	--	--	--
	Dimethoate	EPA 8141A	0.000899	RSL	mg/kg	--	--	--	--	--	--	--	--	--
	Disulfoton	EPA 8141A	0.000939	RSL	mg/kg	--	--	--	--	--	--	--	--	--
	Ethoprop nitrophenyl benzenethiophosphate	EPA 8141A	0.00277	RSL	mg/kg	--	--	--	--	--	--	--	--	--
	Famphur	EPA 8141A			mg/kg	--	--	--	--	--	--	--	--	--
	Fenthion	EPA 8141A			mg/kg	--	--	--	--	--	--	--	--	--
	Guthion	EPA 8141A			mg/kg	--	--	--	--	--	--	--	--	--
	Malathion	EPA 8141A	0.102	RSL	mg/kg	--	--	--	--	--	--	--	--	--
	Merphos	EPA 8141A	0.059	RSL	mg/kg	--	--	--	--	--	--	--	--	--
	Methyl parathion	EPA 8141A	7.41	RSL	µg/kg	--	--	--	--	--	--	--	--	--
	Mevinphos	EPA 8141A			mg/kg	--	--	--	--	--	--	--	--	--
	Parathion	EPA 8141A	432	RSL	µg/kg	--	--	--	--	--	--	--	--	--
	Phorate	EPA 8141A	0.00338	RSL	mg/kg	--	--	--	--	--	--	--	--	--
	Prothiophos	EPA 8141A			mg/kg	--	--	--	--	--	--	--	--	--
	Ronnel	EPA 8141A	3.7	RSL	mg/kg	--	--	--	--	--	--	--	--	--
Simazine	EPA 8141A			mg/kg	--	--	--	--	--	--	--	--	--	
Stirophos	EPA 8141A			mg/kg	--	--	--	--	--	--	--	--	--	
Sulfotepp	EPA 8141A			mg/kg	--	--	--	--	--	--	--	--	--	
Sulprofos	EPA 8141A			mg/kg	--	--	--	--	--	--	--	--	--	
Thionazin	EPA 8141A			mg/kg	--	--	--	--	--	--	--	--	--	

**TABLE A-6a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 8**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-62								
			Level	Source		0.8-1.3 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs	30-30.5 ft bgs	
						RISB-62-0.8-20141111	RISB-62-5.0-20141111	RISB-62-10.0-20141111	RISB-62-15.0-20141111	RISB-62-20.0-20141111	RISB-62-25.0-20141111	RISB-62-30.0-20141111	RISB-62-30.0-20141111-FD	
<b>Organo-phosphorus Pesticides</b>	o-Ethyl o-2,4,5-trichlorophenyl ethyl-phosphonothioate	EPA 8141A			mg/kg	--	--	--	--	--	--	--	--	--
<b>Organo-chlorine Pesticides</b>	Aldrin	EPA 8081	0.02	BCL	mg/kg	--	--	--	--	--	--	--	--	--
	alpha-BHC	EPA 8081	0.0266	BCL	mg/kg	--	--	--	--	--	--	--	--	--
	beta-BHC	EPA 8081	0.00545	BCL	mg/kg	--	--	--	--	--	--	--	--	--
	delta-BHC	EPA 8081	28.1	BCL	mg/kg	--	--	--	--	--	--	--	--	--
	gamma-BHC	EPA 8081	0.0005	BCL	mg/kg	--	--	--	--	--	--	--	--	--
	alpha-Chlordane	EPA 8081			mg/kg	--	--	--	--	--	--	--	--	--
	gamma-Chlordane	EPA 8081			mg/kg	--	--	--	--	--	--	--	--	--
	4,4'-DDD	EPA 8081	0.8	BCL	mg/kg	--	--	--	--	--	--	--	--	--
	2,4'-DDE	EPA 8081			mg/kg	--	--	--	--	--	--	--	--	--
	4,4'-DDE	EPA 8081	3	BCL	mg/kg	--	--	--	--	--	--	--	--	--
	4,4'-DDT	EPA 8081	2	BCL	mg/kg	--	--	--	--	--	--	--	--	--
	Dieldrin	EPA 8081	0.0002	BCL	mg/kg	--	--	--	--	--	--	--	--	--
	Endosulfan I	EPA 8081			mg/kg	--	--	--	--	--	--	--	--	--
	Endosulfan II	EPA 8081			mg/kg	--	--	--	--	--	--	--	--	--
	Endosulfan sulfate	EPA 8081			mg/kg	--	--	--	--	--	--	--	--	--
	Endrin	EPA 8081	0.05	BCL	mg/kg	--	--	--	--	--	--	--	--	--
	Endrin aldehyde	EPA 8081			mg/kg	--	--	--	--	--	--	--	--	--
	Endrin ketone	EPA 8081			mg/kg	--	--	--	--	--	--	--	--	--
Heptachlor	EPA 8081	1	BCL	mg/kg	--	--	--	--	--	--	--	--	--	
Heptachlor epoxide	EPA 8081	0.03	BCL	mg/kg	--	--	--	--	--	--	--	--	--	
Methoxychlor	EPA 8081	8	BCL	mg/kg	--	--	--	--	--	--	--	--	--	
Toxaphene	EPA 8081	2	BCL	mg/kg	--	--	--	--	--	--	--	--	--	
<b>PAHs</b>	Acenaphthylene	EPA 8270	0.0106	CAL	mg/kg	--	--	--	--	--	--	--	--	--
	Acenaphthylene	EPA 8270-SIM	0.0106	CAL	mg/kg	--	--	--	--	--	--	--	--	--
	Benzo(a)anthracene	EPA 8270	0.08	BCL	mg/kg	--	--	--	--	--	--	--	--	--
	Benzo(a)anthracene	EPA 8270-SIM	0.08	BCL	mg/kg	--	--	--	--	--	--	--	--	--
	Benzo(a)pyrene	EPA 8270	0.4	BCL	mg/kg	--	--	--	--	--	--	--	--	--
	Benzo(a)pyrene	EPA 8270-SIM	0.4	BCL	mg/kg	--	--	--	--	--	--	--	--	--
	Benzo(b)fluoranthene	EPA 8270	0.2	BCL	mg/kg	--	--	--	--	--	--	--	--	--
	Benzo(b)fluoranthene	EPA 8270-SIM	0.2	BCL	mg/kg	--	--	--	--	--	--	--	--	--
	Benzo(g,h,i)perylene	EPA 8270			mg/kg	--	--	--	--	--	--	--	--	--
	Benzo(g,h,i)perylene	EPA 8270-SIM			mg/kg	--	--	--	--	--	--	--	--	--
	Indeno(1,2,3-cd)pyrene	EPA 8270	0.7	BCL	mg/kg	--	--	--	--	--	--	--	--	--
	Indeno(1,2,3-cd)pyrene	EPA 8270-SIM	0.7	BCL	mg/kg	--	--	--	--	--	--	--	--	--
Phenanthrene	EPA 8270	0.0243	CAL	mg/kg	--	--	--	--	--	--	--	--	--	
Phenanthrene	EPA 8270-SIM	0.0243	CAL	mg/kg	--	--	--	--	--	--	--	--	--	
<b>PCBs</b>	Aroclor-1260	EPA 8082	0.00549	RSL	mg/kg	--	--	--	--	--	--	--	--	--
	PCB-001	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCB-002	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCB-003	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCB-004	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCB-005	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCB-006	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCB-007	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCB-008	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCB-009	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCB-010	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--

**TABLE A-6a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 8**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-62								
			Level	Source		0.8-1.3 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs	30-30.5 ft bgs	
						RISB-62-0.8-20141111	RISB-62-5.0-20141111	RISB-62-10.0-20141111	RISB-62-15.0-20141111	RISB-62-20.0-20141111	RISB-62-25.0-20141111	RISB-62-30.0-20141111	RISB-62-30.0-20141111-FD	
PCBs	PCB-011	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCB-014	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCB-015	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCB-016	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCB-017	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCB-019	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCB-022	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCB-023	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCB-024	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCB-025	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCB-027	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCB-031	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCB-032	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCB-034	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCB-035	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCB-036	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCB-037	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCB-038	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCB-039	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCB-041	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCB-042	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCB-043	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCB-045	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCB-046	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCB-048	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCB-051	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCB-052	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCB-054	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCB-055	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCB-056	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCB-057	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCB-058	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCB-060	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCB-063	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
PCB-064	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	
PCB-066	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	
PCB-067	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	
PCB-068	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	
PCB-072	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	
PCB-073	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	
PCB-077	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	
PCB-078	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	
PCB-079	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	
PCB-080	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	
PCB-081	EPA 1668A		61.8 RSL	pg/g	--	--	--	--	--	--	--	--	--	
PCB-082	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	
PCB-083	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	
PCB-084	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	
PCB-089	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	

**TABLE A-6a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 8**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-62								
			Level	Source		0.8-1.3 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs	30-30.5 ft bgs	
						RISB-62-0.8-20141111	RISB-62-5.0-20141111	RISB-62-10.0-20141111	RISB-62-15.0-20141111	RISB-62-20.0-20141111	RISB-62-25.0-20141111	RISB-62-30.0-20141111	RISB-62-30.0-20141111-FD	
PCBs	PCB-092	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCB-094	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCB-095	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCB-096	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCB-099	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCB-103	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCB-104	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCB-105	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCB-106	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCB-109	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCB-111	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCB-112	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCB-114	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCB-118	EPA 1668A	1,010	RSL	pg/g	--	--	--	--	--	--	--	--	--
	PCB-120	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCB-121	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCB-122	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCB-123	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCB-126	EPA 1668A	0.303	RSL	pg/g	--	--	--	--	--	--	--	--	--
	PCB-127	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCB-130	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCB-131	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCB-132	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCB-133	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCB-136	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCB-137	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCB-141	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCB-142	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCB-144	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCB-145	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCB-146	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCB-148	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCB-150	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCB-152	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCB-154	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
PCB-155	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	
PCB-158	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	
PCB-159	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	
PCB-160	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	
PCB-161	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	
PCB-162	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	
PCB-164	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	
PCB-165	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	
PCB-167	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	
PCB-169	EPA 1668A	1.65	RSL	pg/g	--	--	--	--	--	--	--	--	--	
PCB-170	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	
PCB-172	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	
PCB-174	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	
PCB-175	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	

**TABLE A-6a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 8**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-62								
			Level	Source		0.8-1.3 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs	30-30.5 ft bgs	
						RISB-62-0.8-20141111	RISB-62-5.0-20141111	RISB-62-10.0-20141111	RISB-62-15.0-20141111	RISB-62-20.0-20141111	RISB-62-25.0-20141111	RISB-62-30.0-20141111	RISB-62-30.0-20141111-FD	
PCBs	PCB-176	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCB-177	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCB-178	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCB-179	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCB-181	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCB-182	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCB-183	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCB-184	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCB-185	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCB-186	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCB-187	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCB-188	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCB-189	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCB-190	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCB-191	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCB-192	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCB-194	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCB-195	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCB-196	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCB-197	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCB-200	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCB-201	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCB-202	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCB-203	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCB-204	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCB-205	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCB-206	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCB-207	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCB-208	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCB-209	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCBs 107+124	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCBs 110+115	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCBs 12+13	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCBs 128+166	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCBs 129+138+163	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCBs 134+143	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCBs 135+151	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCBs 139+140	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCBs 147+149	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCBs 153+168	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
PCBs 156+157	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	
PCBs 171+173	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	
PCBs 18+30	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	
PCBs 180+193	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	
PCBs 198+199	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	
PCBs 20+28	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	
PCBs 21+33	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	
PCBs 26+29	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	
PCBs 40+71	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	

**TABLE A-6a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 8**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-62								
			Level	Source		0.8-1.3 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs	30-30.5 ft bgs	
						RISB-62-0.8-20141111	RISB-62-5.0-20141111	RISB-62-10.0-20141111	RISB-62-15.0-20141111	RISB-62-20.0-20141111	RISB-62-25.0-20141111	RISB-62-30.0-20141111	RISB-62-30.0-20141111-FD	
PCBs	PCBs 44+47+65	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCBs 49+69	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCBs 50+53	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCBs 59+62+75	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCBs 61+70+74+76	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCBs 85+116+117	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCBs 86+87+97+108+119+125	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCBs 88+91	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCBs 90+101+113	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
	PCBs 93+100	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--
PCBs 98+102	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	
Dioxins/Furans	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--
	1,2,3,4,6,7,8-Heptachlorodibenzofuran	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--
	1,2,3,4,7,8,9-Heptachlorodibenzofuran	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--
	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--
	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--
	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--
	1,2,3,4,7,8-Hexachlorodibenzofuran	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--
	1,2,3,6,7,8-Hexachlorodibenzofuran	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--
	1,2,3,7,8,9-Hexachlorodibenzofuran	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--
	2,3,4,6,7,8-Hexachlorodibenzofuran	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--
	HpCDD (total)	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--
	HpCDF (total)	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--
	HxCDD (total)	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--
	HxCDF (total)	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--
	1,2,3,4,5,6,7,8-Octachlorodibenzo-p-dioxin	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--
	1,2,3,4,5,6,7,8-Octachlorodibenzofuran	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--
	PeCDD (total)	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--
	PeCDF (total)	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--
	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--
	1,2,3,7,8-Pentachlorodibenzofuran	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--
	2,3,4,7,8-Pentachlorodibenzofuran	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--
	TCDD (total)	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--
TCDF (total)	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--	
2,3,7,8-Tetrachlorodibenzo-p-dioxin	EPA 8290		15 RSL	pg/g	--	--	--	--	--	--	--	--	--	



**TABLE A-6a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 8**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-62								
			Level	Source		0.8-1.3 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs	30-30.5 ft bgs	
						RISB-62-0.8-20141111	RISB-62-5.0-20141111	RISB-62-10.0-20141111	RISB-62-15.0-20141111	RISB-62-20.0-20141111	RISB-62-25.0-20141111	RISB-62-30.0-20141111	RISB-62-30.0-20141111-FD	
Dioxins/Furans	2,3,7,8-Tetrachlorodibenzofuran	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--
	Total PCB TEQs (calculated by TAS)	EPA 8280A			pg/g	--	--	--	--	--	--	--	--	--
	Total TEQ (Calculated)	EPA 8280A			pg/g	--	--	--	--	--	--	--	--	--
Organic Acids	Phthalic acid	EPA 8270			µg/kg	--	--	--	--	--	--	--	--	--
Radionuclides	Radium-226	EPA 903.0	0.006	BCL	pCi/g	--	--	--	--	--	--	--	--	--
	Radium-228	EPA 904.0	0.006	BCL	pCi/g	--	--	--	--	--	--	--	--	--
	Thorium-228	DOE A-01-R	0.0027	BCL	pCi/g	--	--	--	--	--	--	--	--	--
	Thorium-230	DOE A-01-R	0.001	BCL	pCi/g	--	--	--	--	--	--	--	--	--
	Thorium-232	DOE A-01-R	0.0035	BCL	pCi/g	--	--	--	--	--	--	--	--	--
	Uranium-233/234	DOE A-01-R			pCi/g	--	--	--	--	--	--	--	--	--
	Uranium-235/236	DOE A-01-R			pCi/g	--	--	--	--	--	--	--	--	--
	Uranium-238	DOE A-01-R			pCi/g	--	--	--	--	--	--	--	--	--
	Uranium-238	EPA 6020	13.5	BCL	mg/kg	--	--	--	--	--	--	--	--	--
Total Petroleum Hydrocarbons	Diesel Range Organics (C10-C28)	EPA 8015			mg/kg	8.5	<2.6	2.9 J	<2.6	4.6 J	7.3	7.4 J	3.2 UJ	
	EFH (C10-C40)	EPA 8015			mg/kg	36	7.7	4.6 J	3.3 J	7.9	13	12 J	5.0 J	
	Gasoline Range Organics (C6-C10)	EPA 8015			µg/kg	<150	<150	<150	<150	<150	<160	<230	<210	
	Petroleum Hydrocarbons (C29-C40)	EPA 8015			mg/kg	11	<2.6	<2.6	<2.6	<2.6	<2.6	3.6 J	3.2 UJ	
General Chemistry	Alkalinity (as CaCO3)	SM 2320			mg/kg	18,000	7,000	38,000	21,000	32,000	16,000	34,000	34,000	
	Ammonia (as NH3)	SM 4500			mg/kg	45	14	13	3.6 J	4.4 J	4.6 J	6.1 J	6.0 J	
	Bicarbonate as HCO3	SM 2320			mg/kg	21,000	8,200	45,000	26,000	37,000	17,000	37,000	37,000	
	Bromide	EPA 300			mg/kg	<3.8	<3.8	<3.8	<3.8	<3.7	<3.7	<4.7	<4.6	
	Carbonate (CO3)	SM 2320			mg/kg	320	160	640	<320	950	950	2,000	2,400	
	Chloride	EPA 300			mg/kg	20	13	23	56	11	30	55	60	
	Hydroxide	SM 2320			mg/kg	<180	<46	<180	<180	<180	<180	<230	<220	
	Nitrate	EPA 300	7	BCL	mg/kg	--	--	--	--	--	--	--	--	
	Nitrate (as NO3)	EPA 300			mg/kg	<3.8	<3.8	<3.8	<3.8	<3.7	<3.7	7.8	6.8	
	Nitrate/Nitrite	EPA 300			mg/kg	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	1.8 J	1.5 J	
	Nitrite	EPA 300			mg/kg	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.5	<1.4	
	ortho-Phosphate (total) (as PO4)	EPA 300			mg/kg	4.4 UJ	4.4 UJ	4.3 UJ	4.3 UJ	4.3 UJ	<4.3	<5.4	<5.2	
	Phosphorus (total)	EPA 6010	0.00148	RSL	mg/kg	1,100	1,100	990	1,000	1,200	900	510	420	
	Silicon	EPA 6010			mg/kg	78 J	110 J	120 J	110 J	120 J	110 J	190 J	170 J	
	Sulfate	EPA 300			mg/kg	280	180	150	7.3	27	110	260	230	
Sulfur	EPA 6020			mg/kg	<440	1,400 J	1,100 J	1,500 J	1,200 J	750 J	2,300 J	1,700 J		
pH	EPA 9045			s.u.	--	--	--	--	--	--	--	--	--	

**Notes:**

ft bgs: feet below ground surface

FD: Field Duplicate

Above Screening Level

bold value: detection

Soil screening levels were selected according to the following hierarchy of criteria:

1. Basic Comparison Level (BCL): Leaching-based basic comparison levels (LBCL) with dilution attenuation factor (DAF) of 1 in the most recent version of Nevada Division of

**Sources:**

NDEP, 2015. User's Guide and Background Technical Document for NDEP Basic

Comparison Levels (BCLs) for Human Health for the BMI Complex and

Common Areas. Revision 13, February.

USEPA, 2015. Regional Screening Levels (RSL) for Chemical Contaminants at Superfund

Sites. June.

**TABLE A-6a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 8**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-62							
			Level	Source		0.8-1.3 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs	30-30.5 ft bgs
						RISB-62-0.8-20141111	RISB-62-5.0-20141111	RISB-62-10.0-20141111	RISB-62-15.0-20141111	RISB-62-20.0-20141111	RISB-62-25.0-20141111	RISB-62-30.0-20141111	RISB-62-30.0-20141111-FD

Environmental Protection (NDEP) documents (February 2015).

2. Regional Screening Level (RSL): United States Environmental Protection Agency (USEPA) Regional Screening Levels (RSL) for groundwater protection (June 2015), with the maximum contaminant level (MCL) based screening levels selected over the risk-based screening levels, if available (USEPA 2015)
3. Calculated Criteria (CAL): Generic leaching-based BCLs (LBCLs) calculated using the approach presented in NDEP guidance (NDEP 2015).

**TABLE A-6a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 8**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-63									
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs	30-30.5 ft bgs	35-35.5 ft bgs	
						RISB-63-0.5-20141110	RISB-63-5.0-20141110	RISB-63-10.0-20141110	RISB-63-15.0-20141110	RISB-63-20.0-20141110	RISB-63-25.0-20141110	RISB-63-30.0-20141110	RISB-63-30.0-20141110-FD	RISB-63-35.0-20141110	
Chlorates	Chlorate	EPA 300.1	1.03	BCL	mg/kg	36	80	72	31	25	5.0	31	31	52	
	Perchlorate	EPA 314.0	0.0185	BCL	mg/kg	49	130	92	28	17	3.5 J	60	77	61	
Common Metals	Aluminum	EPA 6010	75	BCL	mg/kg	7,200	8,800	9,600	8,300	7,900	6,800	10,000	13,000	13,000	
	Antimony	EPA 6020	0.3	BCL	mg/kg	0.93 J	0.54 UJ	0.73 J	0.54 UJ	0.54 UJ	0.53 UJ	0.67 UJ	0.68 UJ	0.65 UJ	
	Arsenic	EPA 6020	1	BCL	mg/kg	5.3	3.0	6.8	3.7	4.1	13	42	33	16	
	Barium	EPA 6010	82	BCL	mg/kg	300	160	350	170	140	72	1,100 J	110 J	81	
	Boron	EPA 6010	21.4	BCL	mg/kg	<26	7.0 J	<27	<13	5.6 J	7.6 J	21 J	24 J	16 J	
	Cadmium	EPA 6010	0.4	BCL	mg/kg	<2.6	<0.27	<2.7	<1.3	<0.54	<0.26	<1.7	<0.68	<0.33	
	Chromium (total)	EPA 6010	180,000	RSL	mg/kg	13	14	30	18	17	12	34	46	38	
	Cobalt	EPA 6010	0.453	BCL	mg/kg	31 J	7.7 J	110 J	20 J	6.8 J	6.1 J	6.2 J	8.1 J	6.4 J	
	Copper	EPA 6010	45.8	BCL	mg/kg	27	17	79	26	17	14	12 J	19	14	
	Iron	EPA 6010	7.56	BCL	mg/kg	14,000	14,000	16,000	16,000	14,000	12,000	10,000	16,000	14,000	
	Lead	EPA 6010	13.5	RSL	mg/kg	28 J	8.3 J	22 J	10 J	7.9 J	6.5 J	9.8 J	9.2 J	9.0 J	
	Magnesium	EPA 6010	889	BCL	mg/kg	7,700	10,000	9,700	9,000	8,400	7,700	31,000	40,000	15,000	
	Manganese	EPA 6010	1.3	BCL	mg/kg	15,000	420	18,000	7,200	4,600	1,700	7,900	4,800	2,700	
	Mercury	EPA 7471	0.104	BCL	mg/kg	0.14	0.017 J	0.050	0.019 J	0.019 J	<0.013	0.020 J	0.017 J	<0.015	
	Molybdenum	EPA 6010	3.37	BCL	mg/kg	<10	<1.1	<11	<5.4	<2.2	1.9 J	6.7 UJ	3.9 J	<1.3	
	Nickel	EPA 6010	7	BCL	mg/kg	24	18	39	19	14	12	13	18	17	
	Selenium	EPA 6020	0.3	BCL	mg/kg	<0.52	<0.54	<0.53	<0.54	<0.54	<0.53	<0.67	<0.68	<0.65	
Silver	EPA 6010	0.85	BCL	mg/kg	<16	<0.81	<8.0	<4.0	<1.6	<0.79	<5.0	<2.0	<0.98		
Thallium	EPA 6020	0.4	BCL	mg/kg	0.67	<0.27	0.36 J	<0.27	<0.27	<0.26	<0.33	<0.34	<0.33		
Zinc	EPA 6010	620	BCL	mg/kg	43 J	31 J	480 J	76 J	31 J	26 J	33 J	40 J	36 J		
Hexavalent Chromium	Chromium VI	EPA 7199	2	BCL	mg/kg	1.1	<0.44	<0.43	<0.42	<0.43	<0.43	<0.53	<0.54	<0.53	
Rare Metals	Niobium	EPA 6020	1.17	BCL	mg/kg	--	--	--	--	--	--	--	--	--	
	Palladium	EPA 6020	--	--	mg/kg	--	--	--	--	--	--	--	--	--	
	Strontium	EPA 6010	422	RSL	mg/kg	--	--	--	--	--	--	--	--	--	
	Tungsten	EPA 6010	37.6	BCL	mg/kg	--	--	--	--	--	--	--	--	--	
	Zirconium	EPA 6010	4.79	RSL	mg/kg	--	--	--	--	--	--	--	--	--	
VOCs	Acetone	EPA 8260	0.8	BCL	mg/kg	<0.0081	<0.0081	<0.0083	<0.0080	<0.0079	<0.0080	<0.010	0.010 UJ	<0.0098	
	t-Amyl methyl ether	EPA 8260	--	--	mg/kg	<0.0010	<0.0010	<0.0010	<0.0010	<0.00099	<0.0010	<0.0012	<0.0013	<0.0012	
	Benzene	EPA 8260	0.002	BCL	mg/kg	<0.00051	<0.00051	<0.00052	<0.00050	<0.00049	<0.00050	<0.00062	0.00064 UJ	<0.00061	
	Bromobenzene	EPA 8260	0.0421	RSL	mg/kg	<0.0010	<0.0010	<0.0010	<0.0010	<0.00099	<0.0010	<0.0012	0.0013 UJ	<0.0012	
	Bromochloromethane	EPA 8260	--	--	mg/kg	<0.0010	<0.0010	<0.0010	<0.0010	<0.00099	<0.0010	<0.0012	0.0013 UJ	<0.0012	
	Bromodichloromethane	EPA 8260	0.03	BCL	mg/kg	<0.00051	<0.00051	<0.00052	<0.00050	<0.00049	<0.00050	<0.00062	0.00064 UJ	<0.00061	
	Bromoform	EPA 8260	0.04	BCL	mg/kg	<0.0010	<0.0010	<0.0010	<0.0010	<0.00099	<0.0010	<0.0012	<0.0013	<0.0012	
	Bromomethane	EPA 8260	0.01	BCL	mg/kg	<0.0010	<0.0010	<0.0010	<0.0010	<0.00099	<0.0010	<0.0012	0.0013 UJ	<0.0012	
	2-Butanone	EPA 8260	1.16	RSL	mg/kg	<0.0051	<0.0051	<0.0052	<0.0050	<0.0049	<0.0050	<0.0062	0.0064 UJ	<0.0061	
	n-Butylbenzene	EPA 8260	3.23	RSL	mg/kg	0.0010 UJ	0.0010 UJ	0.0010 UJ	0.0010 UJ	<0.00099	<0.0010	<0.0012	0.0013 UJ	<0.0012	
	sec-Butylbenzene	EPA 8260	5.87	RSL	mg/kg	0.0010 UJ	0.0010 UJ	0.0010 UJ	0.0010 UJ	<0.00099	<0.0010	<0.0012	0.0013 UJ	<0.0012	
	Carbon tetrachloride	EPA 8260	0.003	BCL	mg/kg	<0.00051	<0.00051	<0.00052	<0.00050	<0.00049	<0.00050	<0.00062	0.00064 UJ	<0.00061	
	Chlorobenzene	EPA 8260	0.07	BCL	mg/kg	<0.00051	<0.00051	<0.00052	<0.00050	<0.00049	<0.00050	<0.00062	<0.00064	<0.00061	
	Chloroethane	EPA 8260	5.92	RSL	mg/kg	0.0010 UJ	0.0010 UJ	0.0010 UJ	0.0010 UJ	<0.00099	<0.0010	<0.0012	<0.0013	<0.0012	
	Chloroform	EPA 8260	0.03	BCL	mg/kg	<0.00051	<0.00051	<0.00052	<0.00050	<0.00049	<0.00050	0.0018	0.0015	0.0046	
	Chloromethane	EPA 8260	0.0486	RSL	mg/kg	<0.0010	<0.0010	<0.0010	<0.0010	<0.00099	<0.0010	<0.0012	<0.0013	<0.0012	
	2-Chlorotoluene	EPA 8260	0.231	RSL	mg/kg	<0.0010	<0.0010	<0.0010	<0.0010	<0.00099	<0.0010	<0.0012	0.0013 UJ	<0.0012	
	4-Chlorotoluene	EPA 8260	0.241	RSL	mg/kg	<0.0010	<0.0010	<0.0010	<0.0010	<0.00099	<0.0010	<0.0012	0.0013 UJ	<0.0012	
	Cumene	EPA 8260	0.738	RSL	mg/kg	0.00051 UJ	0.00051 UJ	0.00052 UJ	0.00050 UJ	<0.00049	<0.00050	<0.00062	<0.00064	<0.00061	
p-Cymene	EPA 8260	3.91	CAL	mg/kg	0.00051 UJ	0.00051 UJ	0.00052 UJ	0.00050 UJ	<0.00049	<0.00050	<0.00062	<0.00064	<0.00061		

**TABLE A-6a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 8**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-63								
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs	30-30.5 ft bgs	35-35.5 ft bgs
						RISB-63-0.5-20141110	RISB-63-5.0-20141110	RISB-63-10.0-20141110	RISB-63-15.0-20141110	RISB-63-20.0-20141110	RISB-63-25.0-20141110	RISB-63-30.0-20141110	RISB-63-30.0-20141110-FD	RISB-63-35.0-20141110
VOCs	Dibromochloromethane	EPA 8260	0.02	BCL	mg/kg	<0.00051	<0.00051	<0.00052	<0.00050	<0.00049	<0.00050	<0.00062	0.00064 UJ	<0.00061
	1,2-Dibromoethane	EPA 8260	0.000141	RSL	mg/kg	<0.00051	<0.00051	<0.00052	<0.00050	<0.00049	<0.00050	<0.00062	0.00064 UJ	<0.00061
	Dibromomethane	EPA 8260	0.00197	RSL	mg/kg	<0.00051	<0.00051	<0.00052	<0.00050	<0.00049	<0.00050	<0.00062	<0.00064	<0.00061
	1,2-Dichlorobenzene	EPA 8260	0.9	BCL	mg/kg	<0.00051	<0.00051	<0.00052	<0.00050	<0.00049	<0.00050	<0.00062	0.00064 UJ	<0.00061
	1,3-Dichlorobenzene	EPA 8260	0.0473	CAL	mg/kg	<0.00051	<0.00051	<0.00052	<0.00050	<0.00049	<0.00050	<0.00062	<0.00064	<0.00061
	1,4-Dichlorobenzene	EPA 8260	0.1	BCL	mg/kg	<0.00051	<0.00051	<0.00052	<0.00050	<0.00049	<0.00050	<0.00062	<0.00064	<0.00061
	Dichlorodifluoromethane	EPA 8260	0.304	RSL	mg/kg	0.0010 UJ	0.0010 UJ	0.0010 UJ	0.0010 UJ	0.00099 UJ	0.0010 UJ	0.0012 UJ	0.0013 UJ	0.0012 UJ
	1,1-Dichloroethane	EPA 8260	1	BCL	mg/kg	<0.00051	<0.00051	<0.00052	<0.00050	<0.00049	<0.00050	<0.00062	0.00064 UJ	<0.00061
	1,2-Dichloroethane	EPA 8260	0.001	BCL	mg/kg	<0.00051	<0.00051	<0.00052	<0.00050	<0.00049	<0.00050	<0.00062	<0.00064	<0.00061
	1,1-Dichloroethene	EPA 8260	0.003	BCL	mg/kg	<0.00051	<0.00051	<0.00052	<0.00050	<0.00049	<0.00050	<0.00062	<0.00064	<0.00061
	cis-1,2-Dichloroethene	EPA 8260	0.02	BCL	mg/kg	<0.00051	<0.00051	<0.00052	<0.00050	<0.00049	<0.00050	<0.00062	0.00064 UJ	<0.00061
	trans-1,2-Dichloroethene	EPA 8260	0.03	BCL	mg/kg	<0.00051	<0.00051	<0.00052	<0.00050	<0.00049	<0.00050	<0.00062	0.00064 UJ	<0.00061
	1,2-Dichloropropane	EPA 8260	0.001	BCL	mg/kg	<0.00051	<0.00051	<0.00052	<0.00050	<0.00049	<0.00050	<0.00062	0.00064 UJ	<0.00061
	1,3-Dichloropropane	EPA 8260	0.001	BCL	mg/kg	<0.00051	<0.00051	<0.00052	<0.00050	<0.00049	<0.00050	<0.00062	<0.00064	<0.00061
	2,2-Dichloropropane	EPA 8260			mg/kg	<0.0010	<0.0010	<0.0010	<0.0010	<0.00099	<0.0010	<0.0012	0.0013 UJ	<0.0012
	1,1-Dichloropropene	EPA 8260			mg/kg	0.00051 UJ	0.00051 UJ	0.00052 UJ	0.00050 UJ	<0.00049	<0.00050	<0.00062	0.00064 UJ	<0.00061
	cis-1,3-Dichloropropene	EPA 8260			mg/kg	0.00051 UJ	0.00051 UJ	0.00052 UJ	0.00050 UJ	<0.00049	<0.00050	<0.00062	0.00064 UJ	<0.00061
	trans-1,3-Dichloropropene	EPA 8260			mg/kg	0.00051 UJ	0.00051 UJ	0.00052 UJ	0.00050 UJ	<0.00049	<0.00050	<0.00062	0.00064 UJ	<0.00061
	Diisopropyl ether	EPA 8260			mg/kg	<0.0010	<0.0010	<0.0010	<0.0010	<0.00099	<0.0010	<0.0012	0.0013 UJ	<0.0012
	Ethyl benzene	EPA 8260	0.7	BCL	mg/kg	<0.00051	<0.00051	<0.00052	<0.00050	<0.00049	<0.00050	<0.00062	<0.00064	<0.00061
	Ethyl tert-butyl ether	EPA 8260			mg/kg	<0.0010	<0.0010	<0.0010	<0.0010	<0.00099	<0.0010	<0.0012	0.0013 UJ	<0.0012
	Hexachlorobutadiene	EPA 8260	0.1	BCL	mg/kg	<0.0010	<0.0010	<0.0010	<0.0010	<0.00099	<0.0010	<0.0012	<0.0013	<0.0012
	2-Hexanone	EPA 8260			mg/kg	<0.0051	<0.0051	<0.0052	<0.0050	<0.0049	<0.0050	<0.0062	0.0064 UJ	<0.0061
	Methyl tert-butyl ether	EPA 8260			mg/kg	<0.0010	<0.0010	<0.0010	<0.0010	<0.00099	<0.0010	<0.0012	<0.0013	<0.0012
	Methylene chloride	EPA 8260	0.001	BCL	mg/kg	<0.0051	<0.0051	<0.0052	<0.0050	<0.0049	<0.0050	<0.0062	<0.0064	<0.0061
	Naphthalene	EPA 8260	4	BCL	mg/kg	0.0010 UJ	0.0010 UJ	0.0010 UJ	0.0010 UJ	<0.00099	<0.0010	<0.0012	0.0013 UJ	<0.0012
	n-Propylbenzene	EPA 8260	1.22	RSL	mg/kg	0.00051 UJ	0.00051 UJ	0.00052 UJ	0.00050 UJ	<0.00049	<0.00050	<0.00062	0.00064 UJ	<0.00061
	Styrene	EPA 8260	0.2	BCL	mg/kg	<0.00051	<0.00051	<0.00052	<0.00050	<0.00049	<0.00050	<0.00062	0.00064 UJ	<0.00061
	1,1,1,2-Tetrachloroethane	EPA 8260	0.000218	RSL	mg/kg	<0.0010	<0.0010	<0.0010	<0.0010	<0.00099	<0.0010	<0.0012	0.0013 UJ	<0.0012
	1,1,2,2-Tetrachloroethane	EPA 8260	0.0002	BCL	mg/kg	<0.0010	<0.0010	<0.0010	<0.0010	<0.00099	<0.0010	<0.0012	<0.0013	<0.0012
	Tetrachloroethene	EPA 8260	0.003	BCL	mg/kg	<0.00051	<0.00051	<0.00052	<0.00050	<0.00049	<0.00050	<0.00062	<0.00064	<0.00061
	Toluene	EPA 8260	0.6	BCL	mg/kg	<0.00051	<0.00051	<0.00052	<0.00050	<0.00049	<0.00050	<0.00062	<0.00064	<0.00061
	1,2,3-Trichlorobenzene	EPA 8260	0.0209	RSL	mg/kg	<0.0010	<0.0010	<0.0010	<0.0010	<0.00099	<0.0010	<0.0012	0.0013 UJ	<0.0012
	1,2,4-Trichlorobenzene	EPA 8260	0.3	BCL	mg/kg	<0.0010	<0.0010	<0.0010	<0.0010	<0.00099	<0.0010	<0.0012	0.0013 UJ	<0.0012
	1,1,1-Trichloroethane	EPA 8260	0.1	BCL	mg/kg	<0.00051	<0.00051	<0.00052	<0.00050	<0.00049	<0.00050	<0.00062	<0.00064	<0.00061
	1,1,2-Trichloroethane	EPA 8260	0.0009	BCL	mg/kg	<0.00051	<0.00051	<0.00052	<0.00050	<0.00049	<0.00050	<0.00062	0.00064 UJ	<0.00061
	Trichloroethene	EPA 8260	0.003	BCL	mg/kg	<0.00051	<0.00051	<0.00052	<0.00050	<0.00049	<0.00050	<0.00062	<0.00064	<0.00061
	Trichlorofluoromethane	EPA 8260	0.731	RSL	mg/kg	<0.0010	<0.0010	<0.0010	<0.0010	<0.00099	<0.0010	<0.0012	<0.0013	<0.0012
	1,2,3-Trichloropropane	EPA 8260	0.00000323	RSL	mg/kg	<0.0010	<0.0010	<0.0010	<0.0010	<0.00099	<0.0010	<0.0012	0.0013 UJ	<0.0012
	1,2,4-Trimethylbenzene	EPA 8260	0.0212	RSL	mg/kg	0.0010 UJ	0.0010 UJ	0.0010 UJ	0.0010 UJ	<0.00099	<0.0010	<0.0012	0.0013 UJ	<0.0012
1,3,5-Trimethylbenzene	EPA 8260	0.167	RSL	mg/kg	0.0010 UJ	0.0010 UJ	0.0010 UJ	0.0010 UJ	<0.00099	<0.0010	<0.0012	0.0013 UJ	<0.0012	
Vinyl chloride	EPA 8260	0.0007	BCL	mg/kg	<0.0010	<0.0010	<0.0010	<0.0010	<0.00099	<0.0010	<0.0012	<0.0013	<0.0012	
m,p-Xylene	EPA 8260			mg/kg	<0.0010	<0.0010	<0.0010	<0.0010	<0.00099	<0.0010	<0.0012	<0.0013	<0.0012	
o-Xylene	EPA 8260	9	BCL	mg/kg	0.00051 UJ	0.00051 UJ	0.00052 UJ	0.00050 UJ	<0.00049	<0.00050	<0.00062	0.00064 UJ	<0.00061	
1,2-Dibromo-3-chloropropane	EPA 8260	0.0000864	RSL	mg/kg	<0.0020	<0.0020	<0.0021	<0.0020	<0.0020	<0.0020	<0.0025	<0.0025	<0.0025	
4-Methyl-2-pentanone	EPA 8260			mg/kg	0.0025 UJ	0.0025 UJ	0.0026 UJ	0.0025 UJ	<0.0025	<0.0025	<0.0031	0.0032 UJ	<0.0031	
tert Butyl alcohol	EPA 8260			mg/kg	<0.010	<0.010	<0.010	<0.010	<0.0099	<0.010	<0.012	<0.013	<0.012	
tert-Butylbenzene	EPA 8260	1.55	RSL	mg/kg	0.0010 UJ	0.0010 UJ	0.0010 UJ	0.0010 UJ	<0.00099	<0.0010	<0.0012	0.0013 UJ	<0.0012	



**TABLE A-6a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 8**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-63																	
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs	30-30.5 ft bgs	35-35.5 ft bgs									
						RISB-63-0.5-20141110	RISB-63-5.0-20141110	RISB-63-10.0-20141110	RISB-63-15.0-20141110	RISB-63-20.0-20141110	RISB-63-25.0-20141110	RISB-63-30.0-20141110	RISB-63-30.0-20141110-FD	RISB-63-35.0-20141110									
SVOCs	2-Nitrophenol	EPA 8270			mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
	4-Nitrophenol	EPA 8270			mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
	n-Nitrosodiphenylamine	EPA 8270	0.06	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
	Octachlorostyrene	EPA 8270			mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
	Pentachlorophenol	EPA 8270	0.001	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
	Phenol	EPA 8270	5	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	Pyrene	EPA 8270	210	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	Pyrene	EPA 8270-SIM	210	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Pyridine	EPA 8270			mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	2,4,5-Trichlorophenol	EPA 8270	14	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	2,4,6-Trichlorophenol	EPA 8270	0.008	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	bis(2-Chloroethoxy)methane	EPA 8270	0.0135	RSL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	bis(2-Chloroethyl) ether	EPA 8270	0.00002	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	bis(2-Ethylhexyl)phthalate	EPA 8270	180	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
4-Chloro-3-methylphenol	EPA 8270	1.71	RSL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
n-Nitroso-di-n-propylamine	EPA 8270	0.000002	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
Organo-phosphorus Pesticides	Atrazine	EPA 8141A			mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
	Chlorpyrifos	EPA 8141A	0.124	RSL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
	Coumaphos	EPA 8141A			mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
	Dasanit	EPA 8141A			mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
	Demeton (O + S)	EPA 8141A			mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
	Demeton-O	EPA 8141A			mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
	Demeton-S	EPA 8141A			mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
	Diazinon	EPA 8141A	0.0648	RSL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
	Dibrom	EPA 8141A			mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
	Dichlorovos	EPA 8141A	0.0000811	RSL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
	Dimethoate	EPA 8141A	0.000899	RSL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
	Disulfoton	EPA 8141A	0.000939	RSL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
	Ethoprop nitrophenyl benzenethiophosphate	EPA 8141A	0.00277	RSL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
	Famphur	EPA 8141A			mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
	Fenthion	EPA 8141A			mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
	Guthion	EPA 8141A			mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
	Malathion	EPA 8141A	0.102	RSL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
	Merphos	EPA 8141A	0.059	RSL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
	Methyl parathion	EPA 8141A	7.41	RSL	µg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
	Mevinphos	EPA 8141A			mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
	Parathion	EPA 8141A	432	RSL	µg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
	Phorate	EPA 8141A	0.00338	RSL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
	Prothiophos	EPA 8141A			mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
	Ronnel	EPA 8141A	3.7	RSL	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
Simazine	EPA 8141A			mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--			
Stirophos	EPA 8141A			mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--			
Sulfotepp	EPA 8141A			mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--			
Sulprofos	EPA 8141A			mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--			
Thionazin	EPA 8141A			mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--			

**TABLE A-6a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 8**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-63									
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs	30-30.5 ft bgs	35-35.5 ft bgs	
						RISB-63-0.5-20141110	RISB-63-5.0-20141110	RISB-63-10.0-20141110	RISB-63-15.0-20141110	RISB-63-20.0-20141110	RISB-63-25.0-20141110	RISB-63-30.0-20141110	RISB-63-30.0-20141110-FD	RISB-63-35.0-20141110	
<b>Organo-phosphorus Pesticides</b>	o-Ethyl o-2,4,5-trichlorophenyl ethyl-phosphonothioate	EPA 8141A			mg/kg	--	--	--	--	--	--	--	--	--	--
<b>Organo-chlorine Pesticides</b>	Aldrin	EPA 8081	0.02	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--
	alpha-BHC	EPA 8081	0.0266	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--
	beta-BHC	EPA 8081	0.00545	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--
	delta-BHC	EPA 8081	28.1	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--
	gamma-BHC	EPA 8081	0.0005	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--
	alpha-Chlordane	EPA 8081			mg/kg	--	--	--	--	--	--	--	--	--	--
	gamma-Chlordane	EPA 8081			mg/kg	--	--	--	--	--	--	--	--	--	--
	4,4'-DDD	EPA 8081	0.8	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--
	2,4'-DDE	EPA 8081			mg/kg	--	--	--	--	--	--	--	--	--	--
	4,4'-DDE	EPA 8081	3	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--
	4,4'-DDT	EPA 8081	2	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--
	Dieldrin	EPA 8081	0.0002	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--
	Endosulfan I	EPA 8081			mg/kg	--	--	--	--	--	--	--	--	--	--
	Endosulfan II	EPA 8081			mg/kg	--	--	--	--	--	--	--	--	--	--
	Endosulfan sulfate	EPA 8081			mg/kg	--	--	--	--	--	--	--	--	--	--
	Endrin	EPA 8081	0.05	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--
	Endrin aldehyde	EPA 8081			mg/kg	--	--	--	--	--	--	--	--	--	--
	Endrin ketone	EPA 8081			mg/kg	--	--	--	--	--	--	--	--	--	--
Heptachlor	EPA 8081	1	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	
Heptachlor epoxide	EPA 8081	0.03	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	
Methoxychlor	EPA 8081	8	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	
Toxaphene	EPA 8081	2	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--	
<b>PAHs</b>	Acenaphthylene	EPA 8270	0.0106	CAL	mg/kg	--	--	--	--	--	--	--	--	--	--
	Acenaphthylene	EPA 8270-SIM	0.0106	CAL	mg/kg	--	--	--	--	--	--	--	--	--	--
	Benzo(a)anthracene	EPA 8270	0.08	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--
	Benzo(a)anthracene	EPA 8270-SIM	0.08	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--
	Benzo(a)pyrene	EPA 8270	0.4	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--
	Benzo(a)pyrene	EPA 8270-SIM	0.4	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--
	Benzo(b)fluoranthene	EPA 8270	0.2	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--
	Benzo(b)fluoranthene	EPA 8270-SIM	0.2	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--
	Benzo(g,h,i)perylene	EPA 8270			mg/kg	--	--	--	--	--	--	--	--	--	--
	Benzo(g,h,i)perylene	EPA 8270-SIM			mg/kg	--	--	--	--	--	--	--	--	--	--
	Indeno(1,2,3-cd)pyrene	EPA 8270	0.7	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--
	Indeno(1,2,3-cd)pyrene	EPA 8270-SIM	0.7	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--
Phenanthrene	EPA 8270	0.0243	CAL	mg/kg	--	--	--	--	--	--	--	--	--	--	
Phenanthrene	EPA 8270-SIM	0.0243	CAL	mg/kg	--	--	--	--	--	--	--	--	--	--	
<b>PCBs</b>	Aroclor-1260	EPA 8082	0.00549	RSL	mg/kg	--	--	--	--	--	--	--	--	--	--
	PCB-001	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--
	PCB-002	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--
	PCB-003	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--
	PCB-004	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--
	PCB-005	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--
	PCB-006	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--
	PCB-007	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--
	PCB-008	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--
	PCB-009	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--
	PCB-010	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--









**TABLE A-6a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 8**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-63										
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs	30-30.5 ft bgs	35-35.5 ft bgs		
						RISB-63-0.5-20141110	RISB-63-5.0-20141110	RISB-63-10.0-20141110	RISB-63-15.0-20141110	RISB-63-20.0-20141110	RISB-63-25.0-20141110	RISB-63-30.0-20141110	RISB-63-30.0-20141110-FD	RISB-63-35.0-20141110		
PCBs	PCBs 44+47+65	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCBs 49+69	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCBs 50+53	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCBs 59+62+75	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCBs 61+70+74+76	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCBs 85+116+117	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCBs 86+87+97+108+119+125	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCBs 88+91	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCBs 90+101+113	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PCBs 93+100	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--
PCBs 98+102	EPA 1668A			pg/g	--	--	--	--	--	--	--	--	--	--	--	
Dioxins/Furans	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--	--	--
	1,2,3,4,6,7,8-Heptachlorodibenzofuran	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--	--	--
	1,2,3,4,7,8,9-Heptachlorodibenzofuran	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--	--	--
	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--	--	--
	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--	--	--
	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--	--	--
	1,2,3,4,7,8-Hexachlorodibenzofuran	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--	--	--
	1,2,3,6,7,8-Hexachlorodibenzofuran	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--	--	--
	1,2,3,7,8,9-Hexachlorodibenzofuran	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--	--	--
	2,3,4,6,7,8-Hexachlorodibenzofuran	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--	--	--
	HpCDD (total)	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--	--	--
	HpCDF (total)	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--	--	--
	HxCDD (total)	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--	--	--
	HxCDF (total)	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--	--	--
	1,2,3,4,5,6,7,8-Octachlorodibenzo-p-dioxin	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--	--	--
	1,2,3,4,5,6,7,8-Octachlorodibenzofuran	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PeCDD (total)	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--	--	--
	PeCDF (total)	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--	--	--
	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--	--	--
	1,2,3,7,8-Pentachlorodibenzofuran	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--	--	--
	2,3,4,7,8-Pentachlorodibenzofuran	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--	--	--
	TCDD (total)	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--	--	--
	TCDF (total)	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--	--	--
2,3,7,8-Tetrachlorodibenzo-p-dioxin	EPA 8290		15 RSL	pg/g	--	--	--	--	--	--	--	--	--	--	--	

**TABLE A-6a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 8**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-63									
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs	30-30.5 ft bgs	35-35.5 ft bgs	
						RISB-63-0.5-20141110	RISB-63-5.0-20141110	RISB-63-10.0-20141110	RISB-63-15.0-20141110	RISB-63-20.0-20141110	RISB-63-25.0-20141110	RISB-63-30.0-20141110	RISB-63-30.0-20141110-FD	RISB-63-35.0-20141110	
Dioxins/Furans	2,3,7,8-Tetrachlorodibenzofuran	EPA 8290			pg/g	--	--	--	--	--	--	--	--	--	--
	Total PCB TEQs (calculated by TAS)	EPA 8280A			pg/g	--	--	--	--	--	--	--	--	--	--
	Total TEQ (Calculated)	EPA 8280A			pg/g	--	--	--	--	--	--	--	--	--	--
Organic Acids	Phthalic acid	EPA 8270			µg/kg	--	--	--	--	--	--	--	--	--	--
Radionuclides	Radium-226	EPA 903.0	0.006	BCL	pCi/g	--	--	--	--	--	--	--	--	--	--
	Radium-228	EPA 904.0	0.006	BCL	pCi/g	--	--	--	--	--	--	--	--	--	--
	Thorium-228	DOE A-01-R	0.0027	BCL	pCi/g	--	--	--	--	--	--	--	--	--	--
	Thorium-230	DOE A-01-R	0.001	BCL	pCi/g	--	--	--	--	--	--	--	--	--	--
	Thorium-232	DOE A-01-R	0.0035	BCL	pCi/g	--	--	--	--	--	--	--	--	--	--
	Uranium-233/234	DOE A-01-R			pCi/g	--	--	--	--	--	--	--	--	--	--
	Uranium-235/236	DOE A-01-R			pCi/g	--	--	--	--	--	--	--	--	--	--
	Uranium-238	DOE A-01-R			pCi/g	--	--	--	--	--	--	--	--	--	--
	Uranium-238	EPA 6020	13.5	BCL	mg/kg	--	--	--	--	--	--	--	--	--	--
Total Petroleum Hydrocarbons	Diesel Range Organics (C10-C28)	EPA 8015			mg/kg	230	<2.7	89	11	3.9 J	5.4	5.8 J	32 J	5.2 J	
	EFH (C10-C40)	EPA 8015			mg/kg	720	5.8	210	37	11	3.3 J	15 J	100 J	9.6	
	Gasoline Range Organics (C6-C10)	EPA 8015			µg/kg	<150	<150	<150	<150	<140	<140	<190	<190	<180	
	Petroleum Hydrocarbons (C29-C40)	EPA 8015			mg/kg	480	<2.7	120	8.1	<2.7	<2.7	3.3 UJ	48 J	<3.2	
General Chemistry	Alkalinity (as CaCO3)	SM 2320			mg/kg	31,000	26,000	36,000	26,000	41,000	4,800	160,000	170,000	3,200	
	Ammonia (as NH3)	SM 4500			mg/kg	3.5 J	4.4 J	3.4 J	3.2 J	4.0 J	3.2 J	7.5 J	7.0 J	32	
	Bicarbonate as HCO3	SM 2320			mg/kg	37,000	31,000	43,000	31,000	49,000	4,600	200,000	210,000	3,600	
	Bromide	EPA 300			mg/kg	<3.7	<3.9	<3.8	<3.7	<3.8	<3.7	<4.7	<4.7	<4.5	
	Carbonate (CO3)	SM 2320			mg/kg	<310	650	320	320	320	640	<400	<410	<390	
	Chloride	EPA 300			mg/kg	160	430	390	190	250	47	80 J	200 J	52	
	Hydroxide	SM 2320			mg/kg	<180	<180	<180	<180	<180	<180	<230	<230	<220	
	Nitrate	EPA 300	7	BCL	mg/kg	5.1	8.5	7.6	4.9	8.2	2.3	3.1	5.5	1.9	
	Nitrate (as NO3)	EPA 300			mg/kg	23	38	34	22	36	10	14 J	24 J	8.2	
	Nitrate/Nitrite	EPA 300			mg/kg	5.1	8.5	7.6	4.9	8.2	2.3	3.1 J	5.5 J	1.9	
	Nitrite	EPA 300			mg/kg	>1 Value	>1 Value	>1 Value	>1 Value	>1 Value	>1 Value	>1 Value	>1 Value	>1 Value	
	ortho-Phosphate (total) (as PO4)	EPA 300			mg/kg	<4.2 R	<4.4 R	<4.3 R	<4.3 R	<4.3 R	<4.3 R	<5.3 R	<5.4 R	<5.2 R	
	Phosphorus (total)	EPA 6010	0.00148	RSL	mg/kg	960	1,100	1,200	1,100	900	1,100	700	710	96	
	Silicon	EPA 6010			mg/kg	98 J	110 J	140 J	99 J	110 J	110 J	180 J	160 J	160 J	
	Sulfate	EPA 300			mg/kg	3,300	200	1,300	1,000	1,400	170	2,300 J	3,900 J	280	
Sulfur	EPA 6020			mg/kg	3,700 J	780 J	2,400 J	3,700 J	4,300 J	510 J	520 UJ	490 UJ	1,500 J		
pH	EPA 9045			s.u.	--	--	--	--	--	--	--	--	--	--	

**Notes:**

ft bgs: feet below ground surface

FD: Field Duplicate

Above Screening Level

bold value: detection

Soil screening levels were selected according to the following hierarchy of criteria:

1. Basic Comparison Level (BCL): Leaching-based basic comparison levels (LBCL) with dilution attenuation factor (DAF) of 1 in the most recent version of Nevada Division of

**Sources:**

NDEP, 2015. User's Guide and Background Technical Document for NDEP Basic

Comparison Levels (BCLs) for Human Health for the BMI Complex and

Common Areas. Revision 13, February.

USEPA, 2015. Regional Screening Levels (RSL) for Chemical Contaminants at Superfund

Sites. June.

**TABLE A-6a. SOIL ANALYTICAL RESULTS IN BORINGS - AREA 8**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-63								
						0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs	30-30.5 ft bgs	35-35.5 ft bgs
			Level	Source		RISB-63-0.5-20141110	RISB-63-5.0-20141110	RISB-63-10.0-20141110	RISB-63-15.0-20141110	RISB-63-20.0-20141110	RISB-63-25.0-20141110	RISB-63-30.0-20141110	RISB-63-30.0-20141110-FD	RISB-63-35.0-20141110

Environmental Protection (NDEP) documents (February 2015).

2. Regional Screening Level (RSL): United States Environmental Protection Agency (USEPA) Regional Screening Levels (RSL) for groundwater protection (June 2015), with the maximum contaminant level (MCL) based screening levels selected over the risk-based screening levels, if available (USEPA 2015)
3. Calculated Criteria (CAL): Generic leaching-based BCLs (LBCLs) calculated using the approach presented in NDEP guidance (NDEP 2015).

TABLE A-6b. GRAB GROUNDWATER ANALYICAL RESULTS IN BORINGS - AREA 8

RI Data Evaluation

Nevada Environmental Response Trust Site; Henderson, Nevada

Chemical Group	Analyte	Method	Residential Screening Levels		Unit	RISB-58	RISB-59	RISB-60		RISB-61	RISB-62	RISB-63
			Level	Source		45.7-53.7 ft bgs	42.2-50 ft bgs	44.8-54.5 ft bgs	44.8-54.5 ft bgs	36.5-45 ft bgs	32.2-40 ft bgs	31.4-45 ft bgs
						RISB-58-GW-20141113	RISB-59-GW-20141105	RISB-60-GW-20141112	RISB-60-GW-20141112-FD	RISB-61-GW-20141106	RISB-62-GW-20141111	RISB-63-GW-20141110
Chlorates	Chlorate	EPA 300.1	1,000	BCL	µg/l	1,200,000	720,000	170,000	160,000	710,000	500,000	170,000
	Perchlorate	EPA 314.0	18	BCL	µg/l	710,000	19,000	220,000	210,000	460,000	53,000	260,000
Common Metals	Aluminum	EPA 200.7	50	BCL	µg/l	<25	120	25 UJ	25 UJ	37 J	290	25 J
	Antimony	EPA 200.8	0.006	MCL	mg/l	<0.00050	<0.00050	0.0011 J	0.0011 J	<0.00050	<0.00050	<0.00050
	Arsenic	EPA 200.8	0.01	MCL	mg/l	0.1	0.17	0.088	0.088	0.11	0.24	0.088
	Barium	EPA 200.7	2,000	MCL	µg/l	33	30	9.5 J	9.2 J	29	39	20
	Boron	EPA 200.7	6,670	BCL	µg/l	7,400	7,100	3,800	4,000	6,500	6,300	4,100
	Cadmium	EPA 200.7	5	MCL	µg/l	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	Chromium (total)	EPA 200.7	100	MCL	µg/l	4,000	2,900	170	170	2,000	2,300	350
	Cobalt	EPA 200.7	10	BCL	µg/l	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
	Copper	EPA 200.7	1,300	MCL	µg/l	<5.0	<5.0	<5.0	<5.0	<5.0	5.3 J	<5.0
	Iron	EPA 200.7	300	BCL	µg/l	<10	67	<10	<10	<10	130	<10
	Lead	EPA 200.7	15	MCL	µg/l	<2.5	4.7 J	<2.5	<2.5	2.9 J	<2.5	<2.5
	Magnesium	EPA 200.7	189,000	BCL	µg/l	180,000	79,000	190,000	190,000	120,000	32,000	180,000
	Manganese	EPA 200.7	20	BCL	µg/l	<10	1,800	3,100	3,200	28	130	860
	Mercury	EPA 7470	0.002	BCL	mg/l	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010
	Molybdenum	EPA 200.7	167	BCL	µg/l	35	60	31	31	39	53	47
	Nickel	EPA 200.7	667	BCL	µg/l	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	Selenium	EPA 200.8	50	MCL	µg/l	3.6	2.8	3.6	3.5	4.2	2.9	4.0
Silver	EPA 200.7	100	BCL	µg/l	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
Thallium	EPA 200.8	2	MCL	µg/l	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
Zinc	EPA 200.7	10,000	BCL	µg/l	11 J	<10	<10	<10	<10	<10	<10	
Hexavalent Chromium	Chromium VI	EPA 7199	100	BCL	µg/l	4,400	2,800	160	170	1,800	2,200	320
VOCs	Benzene	EPA 8260	5	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	0.84	<0.25
	Bromobenzene	EPA 8260	85.2	BCL	µg/l	0.25 UJ	0.25 UJ	<0.25	<0.25	<0.25	<0.25	<0.25
	Bromochloromethane	EPA 8260	83	RSL	µg/l	<0.25 nd	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	Bromodichloromethane	EPA 8260	80	MCL	µg/l	0.25 UJ	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	Bromoform	EPA 8260	80	MCL	µg/l	0.40 UJ	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25
	Bromomethane	EPA 8260	8.53	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	2-Butanone	EPA 8260	6,860	BCL	µg/l	2.5 UJ	2.5 UJ	<2.5	<2.5	<2.5	<2.5	<2.5
	n-Butylbenzene	EPA 8260	238	BCL	µg/l	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
	sec-Butylbenzene	EPA 8260	238	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	Carbon tetrachloride	EPA 8260	5	BCL	µg/l	0.26 J	0.25 UJ	<0.25	<0.25	<0.25	<0.25	<0.25
	Chlorobenzene	EPA 8260	100	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	Chloroethane	EPA 8260	26.9	BCL	µg/l	<0.40	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25
	Chloroform	EPA 8260	80	MCL	µg/l	350	200	7.0 J	28 J	200	120	28
	Chloromethane	EPA 8260	3.12	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	2-Chlorotoluene	EPA 8260	90.2	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	4-Chlorotoluene	EPA 8260	250	RSL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	Cumene	EPA 8260	667	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	p-Cymene	EPA 8260	834	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	Dibromochloromethane	EPA 8260	80	MCL	µg/l	0.25 UJ	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	1,2-Dibromoethane	EPA 8260	0.05	MCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	Dibromomethane	EPA 8260	8.14	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	1,2-Dichlorobenzene	EPA 8260	600	MCL	µg/l	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
	1,3-Dichlorobenzene	EPA 8260	80.7	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
1,4-Dichlorobenzene	EPA 8260	75	MCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	
Dichlorodifluoromethane	EPA 8260	393	BCL	µg/l	0.25 UJ	0.25 UJ	<0.25	<0.25	0.25 UJ	0.25 UJ	0.25 UJ	

TABLE A-6b. GRAB GROUNDWATER ANALYICAL RESULTS IN BORINGS - AREA 8

RI Data Evaluation

Nevada Environmental Response Trust Site; Henderson, Nevada

Chemical Group	Analyte	Method	Residential Screening Levels		Unit	RISB-58	RISB-59	RISB-60		RISB-61	RISB-62	RISB-63
			Level	Source		45.7-53.7 ft bgs	42.2-50 ft bgs	44.8-54.5 ft bgs	44.8-54.5 ft bgs	36.5-45 ft bgs	32.2-40 ft bgs	31.4-45 ft bgs
						RISB-58-GW-20141113	RISB-59-GW-20141105	RISB-60-GW-20141112	RISB-60-GW-20141112-FD	RISB-61-GW-20141106	RISB-62-GW-20141111	RISB-63-GW-20141110
VOCs	1,1-Dichloroethane	EPA 8260	2.79	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	1,2-Dichloroethane	EPA 8260	5	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	1,1-Dichloroethene	EPA 8260	7	MCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	cis-1,2-Dichloroethene	EPA 8260	70	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	trans-1,2-Dichloroethene	EPA 8260	100	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	1,2-Dichloropropane	EPA 8260	5	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	1,3-Dichloropropane	EPA 8260	8.24	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	2,2-Dichloropropane	EPA 8260			µg/l	0.40 UJ	0.25 UJ	<0.40	<0.40	<0.25	<0.25	<0.25
	1,1-Dichloropropene	EPA 8260			µg/l	0.25 UJ	0.25 UJ	<0.25	<0.25	<0.25	<0.25	<0.25
	cis-1,3-Dichloropropene	EPA 8260			µg/l	0.25 UJ	0.25 UJ	<0.25	<0.25	<0.25	<0.25	<0.25
	trans-1,3-Dichloropropene	EPA 8260			µg/l	0.25 UJ	0.25 UJ	<0.25	<0.25	<0.25	<0.25	<0.25
	Ethyl benzene	EPA 8260	700	MCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	Ethyl tert-butyl ether	EPA 8260			µg/l	0.25 UJ	<0.25	<0.25	<0.25	<0.25	0.25 UJ	0.25 UJ
	Hexachlorobutadiene	EPA 8260	0.999	BCL	µg/l	<0.25	<0.25	0.25 UJ	<b>0.25 J</b>	<0.25	<0.25	<0.25
	Methylene chloride	EPA 8260	5	BCL	µg/l	<0.88	<0.88	<0.88	<0.88	<0.88	<0.88	<0.88
	Naphthalene	EPA 8260	0.165	BCL	µg/l	0.40 UJ	0.40 UJ	<0.40	<0.40	<0.40	<0.40	<0.40
	n-Propylbenzene	EPA 8260	238	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	Styrene	EPA 8260	100	BCL	µg/l	<0.25	<0.25	0.25 UJ	<0.25	<0.25	<0.25	<0.25
	1,1,1,2-Tetrachloroethane	EPA 8260	0.605	BCL	µg/l	0.25 UJ	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	1,1,2,2-Tetrachloroethane	EPA 8260	0.0775	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	0.25 UJ
	Tetrachloroethene	EPA 8260	5	BCL	µg/l	<b>0.71</b>	<b>0.46 J</b>	<0.25	<0.25	<0.25	<b>0.33 J</b>	<0.25
	Toluene	EPA 8260	1,000	MCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	1,2,3-Trichlorobenzene	EPA 8260	7	RSL	µg/l	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
	1,2,4-Trichlorobenzene	EPA 8260	70	MCL	µg/l	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
	1,1,1-Trichloroethane	EPA 8260	200	MCL	µg/l	0.25 UJ	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	1,1,2-Trichloroethane	EPA 8260	5	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	Trichloroethene	EPA 8260	5	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<b>1.6</b>	<0.25	<0.25
	Trichlorofluoromethane	EPA 8260	1,270	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	1,2,3-Trichloropropane	EPA 8260	0.0026	BCL	µg/l	0.25 UJ	0.25 UJ	<0.25	<0.25	<0.25	<0.25	<0.25
	1,2,4-Trimethylbenzene	EPA 8260	14.6	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
1,3,5-Trimethylbenzene	EPA 8260	14.5	BCL	µg/l	0.25 UJ	0.25 UJ	<0.25	<0.25	<0.25	<0.25	<0.25	
Vinyl chloride	EPA 8260	2	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	
m,p-Xylene	EPA 8260			µg/l	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
o-Xylene	EPA 8260	1,200	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	
1,2-Dibromo-3-chloropropane	EPA 8260	0.2	MCL	µg/l	0.50 UJ	0.50 UJ	<0.50	<0.50	<0.50	<0.50	<0.50	
tert-Butylbenzene	EPA 8260	238	BCL	µg/l	0.25 UJ	0.25 UJ	<0.25	<0.25	<0.25	<0.25	<0.25	
Total Petroleum Hydrocarbons	Diesel Range Organics (C10-C28)	EPA 8015			mg/l	<b>0.023 J</b>	<b>0.88</b>	<b>0.10 J</b>	<b>0.037 J</b>	<b>0.31</b>	<0.025	<b>0.065 J</b>
	EFH (C10-C40)	EPA 8015			mg/l	<b>0.044 J</b>	<b>1.6</b>	<b>0.21 J</b>	<b>0.064 J</b>	<b>0.48</b>	<0.025	<b>0.11</b>
	Gasoline Range Organics (C6-C10)	EPA 8015			mg/l	<b>0.046 J</b>	<0.025	<0.025	<0.025	<b>0.035 J</b>	<0.025	<0.025
	Petroleum Hydrocarbons (C29-C40)	EPA 8015			mg/l	<0.023	<b>0.72</b>	<b>0.096 J</b>	0.025 UJ	<0.026	<0.025	<0.023
General Chemistry	Alkalinity (as CaCO3)	SM 2320			µg/l	<b>120,000</b>	<b>270,000</b>	<b>200,000</b>	<b>210,000</b>	<b>120,000</b>	<b>230,000</b>	<b>180,000</b>
	Ammonia (as N)	SM 4500			µg/l	<100	<b>210 J</b>	<b>2,100</b>	<b>2,100</b>	<b>200 J</b>	<b>250 J</b>	<b>3,100</b>
	Bicarbonate as HCO3	SM 2320			mg/l	<b>150</b>	<b>330</b>	<b>240</b>	<b>260</b>	<b>150</b>	<b>280</b>	<b>220</b>
	Bromide	EPA 300			mg/l	<b>0.47 J</b>	<5	<b>2.3 J</b>	<b>1.6 J</b>	<2.5	<2.5	<2.5
	Carbonate (CO3) Chloride	SM 2320 EPA 300	250	2 <sup>nd</sup> MCL	mg/l	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4

**TABLE A-6b. GRAB GROUNDWATER ANALYICAL RESULTS IN BORINGS - AREA 8**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Residential Screening Levels		Unit	RISB-58	RISB-59	RISB-60		RISB-61	RISB-62	RISB-63
			Level	Source		45.7-53.7 ft bgs	42.2-50 ft bgs	44.8-54.5 ft bgs	44.8-54.5 ft bgs	36.5-45 ft bgs	32.2-40 ft bgs	31.4-45 ft bgs
						RISB-58-GW-20141113	RISB-59-GW-20141105	RISB-60-GW-20141112	RISB-60-GW-20141112-FD	RISB-61-GW-20141106	RISB-62-GW-20141111	RISB-63-GW-20141110
General Chemistry	Hydroxide	SM 2320			mg/l	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4
	Nitrate	EPA 300	10,000	BCL	µg/l	--	--	--	--	>1 Value	--	--
	Nitrate (as NO3)	EPA 300			mg/l	<b>5.7 J</b>	<b>23</b>	<b>23</b>	<b>23</b>	<b>27</b>	<b>16</b>	<b>22 J</b>
	Nitrate/Nitrite	EPA 300			µg/l	<b>1,300</b>	<b>5,100</b>	<b>5,100</b>	<b>5,100</b>	<b>6,200</b>	<b>3,600</b>	<b>4,900</b>
	Nitrite	EPA 300	1	BCL	mg/l	<0.07	<1.4	<0.35	<0.35	>1 Value	<0.7	<0.7
	ortho-Phosphate (total) (as P)	EPA 300			mg/l	0.08 UJ	<1.6	<0.4	<0.4	<1.6	<0.8	<0.8
	Phosphorus (total)	EPA 200.7	0.667	BCL	µg/l	--	--	--	--	--	<b>35 J</b>	<b>29 J</b>
	Phosphorus (total)	EPA 365.3	0.667	BCL	µg/l	<b>2,000</b>	<b>2,200</b>	<b>6,300 J</b>	<b>1,600 J</b>	<b>4,000</b>	<b>300</b>	<b>9,900</b>
	Silicon	EPA 200.7			µg/l	<b>41,000</b>	<b>47,000</b>	<b>49,000</b>	<b>50,000</b>	<b>46,000</b>	<b>43,000</b>	<b>48,000</b>
	Sulfate	EPA 300			mg/l	<b>2,200</b>	<b>1,900</b>	<b>1,600</b>	<b>1,600</b>	<b>1,800</b>	<b>1,600</b>	<b>1,800</b>
Sulfide (total)	SM 4500-S2 D			mg/l	<b>0.051</b>	<0.02	<b>0.025 J</b>	<b>0.052 J</b>	<0.02	<0.2	<2	

**Notes:**

ft bgs: feet below ground surface

FD: Field Duplicate

GW: Groundwater

Above Screening Level

bold value: detection

Groundwater screening levels were selected according to the following hierarchy of criteria:

1. Maximum Contaminant Level (MCL): Primary United States Environmental Protection Agency (USEPA) maximum contaminant level (40 CFR Part 141).
2. Basic Contaminant Level (BCL): Residential water basic comparison levels in NDEP February 2015 BCL Spreadsheet or Target Water Activities for radionuclides (NDEP 2015).
3. Regional Screening Level (RSL): Tap water regional screening levels in USEPA Pacific Southwest, Region 9, Regional Screening Levels Chemical Specific Parameters table, June 2015. The screening levels were selected as the minimal values of carcinogenic screening level and noncarcinogenic screening level (USEPA 2015).
4. 2<sup>nd</sup> Maximum Contaminant Level (2<sup>nd</sup> MCL): National Secondary Drinking Water Regulations (40 CFR Part 143).

**Sources:**

NDEP, 2015. User's Guide and Background Technical Document for NDEP Basic

Comparison Levels (BCLs) for Human Health for the BMI Complex and

Common Areas. Revision 13, February.

USEPA, 2015. Regional Screening Levels (RSL) for Chemical Contaminants at Superfund

Sites. June.

USEPA. National Primary Drinking Water Regulations. Code of Federal Regulations,

40 CFR Part 141.

USEPA. National Secondary Drinking Water Regulations. Code of Federal Regulations,

40 CFR Part 143.



**TABLE A-7a. SOIL ANALYTICAL RESULTS IN BORINGS - AREAS 7 AND 8**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-53							RISB-54					
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	24-24.5 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs
						RISB-53-0.5-20141106	RISB-53-5.0-20141106	RISB-53-5.0-20141106-FD	RISB-53-10.0-20141107	RISB-53-15.0-20141107	RISB-53-20.0-20141107	RISB-53-24.0-20141107	RISB-54-0.5-20141117	RISB-54-5.0-20141117	RISB-54-10.0-20141117	RISB-54-15.0-20141117	RISB-54-20.0-20141117	RISB-54-25.0-20141117
VOCs	Acetone	EPA 8260	0.8	BCL	mg/kg	<b>0.0098 J</b>	<b>0.052</b>	<b>0.057</b>	<b>0.14 J</b>	<b>0.010 J</b>	<b>0.047 J</b>	0.010 UJ	0.0082 UJ	0.0098 UJ	<0.0089	<0.0089	0.0097 UJ	<b>0.036</b>
	t-Amyl methyl ether	EPA 8260			mg/kg	<0.0010	<0.0011	<0.0011	<0.0011	<0.0010	<0.0010	<0.0013	0.0010 UJ	0.0012 UJ	0.0040 UJ	<0.0011	0.0012 UJ	0.0011 UJ
	Benzene	EPA 8260	0.002	BCL	mg/kg	0.00050 UJ	0.00055 UJ	0.00056 UJ	0.00053 UJ	0.00051 UJ	0.00052 UJ	0.00066 UJ	<0.00051	<0.00061	<0.0020	<0.00056	<0.00061	<0.00054
	Bromobenzene	EPA 8260	0.0421	RSL	mg/kg	0.0010 UJ	0.0011 UJ	0.0011 UJ	0.0011 UJ	0.0010 UJ	0.0010 UJ	0.0013 UJ	<0.0010	<0.0012	<0.0040	<0.0011	<0.0012	<0.0011
	Bromochloromethane	EPA 8260			mg/kg	0.0010 UJ	0.0011 UJ	0.0011 UJ	0.0011 UJ	0.0010 UJ	0.0010 UJ	0.0013 UJ	<0.0010	<0.0012	<0.0040	<0.0011	<0.0012	<0.0011
	Bromodichloromethane	EPA 8260	0.03	BCL	mg/kg	0.00050 UJ	0.00055 UJ	0.00056 UJ	0.00053 UJ	0.00051 UJ	0.00052 UJ	0.00066 UJ	<0.00051	<0.00061	<0.0020	<0.00056	<0.00061	<0.00054
	Bromoform	EPA 8260	0.04	BCL	mg/kg	0.0010 UJ	0.0011 UJ	0.0011 UJ	<0.0011	<0.0010	<0.0010	<0.0013	<0.0010	<0.0012	<0.0040	<0.0011	<0.0012	<0.0011
	Bromomethane	EPA 8260	0.01	BCL	mg/kg	0.0010 UJ	0.0011 UJ	0.0011 UJ	<0.0011	<0.0010	<0.0010	<0.0013	<0.0010	<0.0012	<0.0040	<0.0011	<0.0012	<0.0011
	2-Butanone	EPA 8260	1.16	RSL	mg/kg	<0.0050	<0.0055	<0.0056	<b>0.024 J</b>	0.0051 UJ	0.0052 UJ	0.0066 UJ	<0.0051	<0.0061	<0.020	<0.0056	<0.0061	<0.0054
	n-Butylbenzene	EPA 8260	3.23	RSL	mg/kg	0.0010 UJ	0.0011 UJ	0.0011 UJ	0.0011 UJ	0.0010 UJ	0.0010 UJ	0.0013 UJ	<0.0010	<0.0012	<0.0040	<0.0011	<0.0012	<0.0011
	sec-Butylbenzene	EPA 8260	5.87	RSL	mg/kg	0.0010 UJ	0.0011 UJ	0.0011 UJ	0.0011 UJ	0.0010 UJ	0.0010 UJ	0.0013 UJ	<0.0010	<0.0012	<0.0040	<0.0011	<0.0012	<0.0011
	Carbon tetrachloride	EPA 8260	0.003	BCL	mg/kg	0.00050 UJ	0.00055 UJ	0.00056 UJ	0.00053 UJ	0.00051 UJ	0.00052 UJ	0.00066 UJ	<0.00051	<0.00061	<0.0020	0.00056 UJ	<0.00061	<0.00054
	Chlorobenzene	EPA 8260	0.07	BCL	mg/kg	<0.00050	<0.00055	<0.00056	<0.00053	<0.00051	<0.00052	<0.00066	<0.00051	<0.00061	<0.0020	<0.00056	<0.00061	<0.00054
	Chloroethane	EPA 8260	5.92	RSL	mg/kg	<0.0010	<0.0011	<0.0011	<0.0011	<0.0010	<0.0010	<0.0013	<0.0010	<0.0012	<0.0040	<0.0011	<0.0012	<0.0011
	Chloroform	EPA 8260	0.03	BCL	mg/kg	<0.00050	<b>0.0030</b>	<b>0.0024</b>	<b>0.0027</b>	<b>0.0052</b>	<b>0.0032</b>	<b>0.015</b>	<0.00051	<0.00061	<b>0.0026 J</b>	<b>0.0017</b>	<b>0.0028</b>	<b>0.0040</b>
	Chloromethane	EPA 8260	0.0486	RSL	mg/kg	<0.0010	<0.0011	<0.0011	<0.0011	<0.0010	<0.0010	<0.0013	<0.0010	<0.0012	<0.0040	<0.0011	<0.0012	<0.0011
	2-Chlorotoluene	EPA 8260	0.231	RSL	mg/kg	0.0010 UJ	0.0011 UJ	0.0011 UJ	0.0011 UJ	0.0010 UJ	0.0010 UJ	0.0013 UJ	<0.0010	<0.0012	<0.0040	<0.0011	<0.0012	<0.0011
	4-Chlorotoluene	EPA 8260	0.241	RSL	mg/kg	0.0010 UJ	0.0011 UJ	0.0011 UJ	0.0011 UJ	0.0010 UJ	0.0010 UJ	0.0013 UJ	<0.0010	<0.0012	<0.0040	<0.0011	<0.0012	<0.0011
	Cumene	EPA 8260	0.738	RSL	mg/kg	<0.00050	<0.00055	<0.00056	<0.00053	<b>0.00051 J</b>	<0.00052	<0.00066	<0.00051	<0.00061	<0.0020	<0.00056	<0.00061	<0.00054
	p-Cymene	EPA 8260	3.91	CAL	mg/kg	<0.00050	<0.00055	<0.00056	<0.00053	<0.00051	<0.00052	<0.00066	<0.00051	<0.00061	<0.0020	<0.00056	<0.00061	<0.00054
	Dibromochloromethane	EPA 8260	0.02	BCL	mg/kg	0.00050 UJ	0.00055 UJ	0.00056 UJ	0.00053 UJ	0.00051 UJ	0.00052 UJ	0.00066 UJ	<0.00051	<0.00061	<0.0020	<0.00056	<0.00061	<0.00054
	1,2-Dibromoethane	EPA 8260	0.0000141	RSL	mg/kg	0.00050 UJ	0.00055 UJ	0.00056 UJ	0.00053 UJ	0.00051 UJ	0.00052 UJ	0.00066 UJ	<0.00051	<0.00061	<0.0020	<0.00056	<0.00061	<0.00054
	Dibromomethane	EPA 8260	0.00197	RSL	mg/kg	<0.00050	<0.00055	<0.00056	<0.00053	<0.00051	<0.00052	<0.00066	<0.00051	<0.00061	<0.0020	<0.00056	<0.00061	<0.00054
	1,2-Dichlorobenzene	EPA 8260	0.9	BCL	mg/kg	0.00050 UJ	0.00055 UJ	0.00056 UJ	0.00053 UJ	0.00051 UJ	0.00052 UJ	0.00066 UJ	<0.00051	<0.00061	<0.0020	<0.00056	<0.00061	<0.00054
	1,3-Dichlorobenzene	EPA 8260	0.0473	CAL	mg/kg	<0.00050	<0.00055	<0.00056	<0.00053	<0.00051	<0.00052	<0.00066	<0.00051	<0.00061	<0.0020	<0.00056	<0.00061	<0.00054
	1,4-Dichlorobenzene	EPA 8260	0.1	BCL	mg/kg	<0.00050	<0.00055	<0.00056	<0.00053	<0.00051	<0.00052	<0.00066	<0.00051	<0.00061	<0.0020	<0.00056	<0.00061	<0.00054
	Dichlorodifluoromethane	EPA 8260	0.304	RSL	mg/kg	0.0010 UJ	0.0011 UJ	0.0011 UJ	<0.0011	<0.0010	<0.0010	<0.0013	0.0010 UJ	0.0012 UJ	0.0040 UJ	0.0011 UJ	0.0012 UJ	0.0011 UJ
	1,1-Dichloroethane	EPA 8260	1	BCL	mg/kg	0.00050 UJ	0.00055 UJ	0.00056 UJ	0.00053 UJ	0.00051 UJ	0.00052 UJ	0.00066 UJ	<0.00051	<0.00061	<0.0020	<0.00056	<0.00061	<0.00054
	1,2-Dichloroethane	EPA 8260	0.001	BCL	mg/kg	0.00050 UJ	0.00055 UJ	0.00056 UJ	<0.00053	<0.00051	<0.00052	<0.00066	<0.00051	<0.00061	<0.0020	<0.00056	<0.00061	<0.00054
	1,1-Dichloroethene	EPA 8260	0.003	BCL	mg/kg	<0.00050	<0.00055	<0.00056	<0.00053	<0.00051	<0.00052	<0.00066	<0.00051	<0.00061	<0.0020	<0.00056	<0.00061	<0.00054
	cis-1,2-Dichloroethene	EPA 8260	0.02	BCL	mg/kg	0.00050 UJ	0.00055 UJ	0.00056 UJ	0.00053 UJ	0.00051 UJ	0.00052 UJ	0.00066 UJ	<0.00051	<0.00061	<0.0020	<0.00056	<0.00061	<0.00054
	trans-1,2-Dichloroethene	EPA 8260	0.03	BCL	mg/kg	0.00050 UJ	0.00055 UJ	0.00056 UJ	0.00053 UJ	0.00051 UJ	0.00052 UJ	0.00066 UJ	<0.00051	<0.00061	<0.0020	<0.00056	<0.00061	<0.00054
	1,2-Dichloropropane	EPA 8260	0.001	BCL	mg/kg	0.00050 UJ	0.00055 UJ	0.00056 UJ	0.00053 UJ	0.00051 UJ	0.00052 UJ	0.00066 UJ	<0.00051	<0.00061	<0.0020	<0.00056	<0.00061	<0.00054
	1,3-Dichloropropane	EPA 8260	0.001	BCL	mg/kg	<0.00050	<0.00055	<0.00056	<0.00053	<0.00051	<0.00052	<0.00066	<0.00051	<0.00061	<0.0020	<0.00056	<0.00061	<0.00054
	2,2-Dichloropropane	EPA 8260			mg/kg	0.0010 UJ	0.0011 UJ	0.0011 UJ	0.0011 UJ	0.0010 UJ	0.0010 UJ	0.0013 UJ	<0.0010	<0.0012	<0.0040	0.0011 UJ	<0.0012	<0.0011
	1,1-Dichloropropene	EPA 8260			mg/kg	0.00050 UJ	0.00055 UJ	0.00056 UJ	0.00053 UJ	0.00051 UJ	0.00052 UJ	0.00066 UJ	<0.00051	<0.00061	<0.0020	<0.00056	<0.00061	<0.00054
cis-1,3-Dichloropropene	EPA 8260			mg/kg	0.00050 UJ	0.00055 UJ	0.00056 UJ	0.00053 UJ	0.00051 UJ	0.00052 UJ	0.00066 UJ	<0.00051	<0.00061	<0.0020	<0.00056	<0.00061	<0.00054	
trans-1,3-Dichloropropene	EPA 8260			mg/kg	0.00050 UJ	0.00055 UJ	0.00056 UJ	0.00053 UJ	0.00051 UJ	0.00052 UJ	0.00066 UJ	<0.00051	<0.00061	<0.0020	<0.00056	<0.00061	<0.00054	
Diisopropyl ether	EPA 8260			mg/kg	0.0010 UJ	0.0011 UJ	0.0011 UJ	0.0011 UJ	0.0010 UJ	0.0010 UJ	0.0013 UJ	0.0010 UJ	0.0012 UJ	0.0040 UJ	<0.0011	0.0012 UJ	0.0011 UJ	
Ethyl benzene	EPA 8260	0.7	BCL	mg/kg	<0.00050	<0.00055	<0.00056	<0.00053	<0.00051	<0.00052	<0.00066	<0.00051	<0.00061	<0.0020	<0.00056	<0.00061	<0.00054	
Ethyl tert-butyl ether	EPA 8260			mg/kg	0.0010 UJ	0.0011 UJ	0.0011 UJ	0.0011 UJ	0.0010 UJ	0.0010 UJ	0.0013 UJ	<0.0010	<0.0012	<0.0040	<0.0011	<0.0012	<0.0011	
Hexachlorobutadiene	EPA 8260	0.1	BCL	mg/kg	<0.0010	<0.0011	<0.0011	<0.0011	<0.0010	<0.0010	<0.0013	<0.0010	<0.0012	<0.0040	<0.0011	<0.0012	<0.0011	
2-Hexanone	EPA 8260			mg/kg	0.0050 UJ	0.0055 UJ	0.0056 UJ	0.0053 UJ	0.0051 UJ	0.0052 UJ	0.0066 UJ	0.0051 UJ	0.0061 UJ	0.020 UJ	<0.0056	0.0061 UJ	0.0054 UJ	
Methyl tert-butyl ether	EPA 8260			mg/kg	0.0010 UJ	0.0011 UJ	0.0011 UJ	<0.0011	<0.0010	<0.0010	<0.0013	<0.0010	<0.0012	<0.0040	<0.0011	<0.0012	<0.0011	
Methylene chloride	EPA 8260	0.001	BCL	mg/kg	<0.0050	<0.0055	<0.0056	<0.0053	<0.0051	<0.0052	<0.0066	<0.0051	<0.0061	<0.020	<0.0056	<0.0061	<0.0054	
Naphthalene	EPA 8260	4	BCL	mg/kg	0.0010 UJ	0.0011 UJ	0.0011 UJ	0.0011 UJ	0.0010 UJ	0.0010 UJ	0.0013 UJ	<0.0010	<0.0012	<0.0040	<0.0011	<0.0012	<0.0011	
n-Propylbenzene	EPA 8260	1.22	RSL	mg/kg	0.00050 UJ	0.00055 UJ	0.00056 UJ	0.00053 UJ	<b>0.00054 J</b>	0.00052 UJ	0.00066 UJ	<0.00051	<0.00061	<0.0020	<0.00056	<0.00061	<0.00054	
Styrene	EPA 8260	0.2	BCL	mg/kg	0.00050 UJ	0.00055 UJ	0.00056 UJ	0.00053 UJ	0.00051 U									

**TABLE A-7a. SOIL ANALYTICAL RESULTS IN BORINGS - AREAS 7 AND 8**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-53						RISB-54						
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	24-24.5 ft bgs	0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs
						RISB-53-0.5-20141106	RISB-53-5.0-20141106	RISB-53-5.0-20141106-FD	RISB-53-10.0-20141107	RISB-53-15.0-20141107	RISB-53-20.0-20141107	RISB-53-24.0-20141107	RISB-54-0.5-20141117	RISB-54-5.0-20141117	RISB-54-10.0-20141117	RISB-54-15.0-20141117	RISB-54-20.0-20141117	RISB-54-25.0-20141117
VOCs	1,1,2,2-Tetrachloroethane	EPA 8260	0.0002	BCL	mg/kg	<0.0010	<0.0011	<0.0011	0.0011 UJ	0.0010 UJ	0.0010 UJ	0.0013 UJ	<0.0010	<0.0012	<0.0040	<0.0011	<0.0012	<0.0011
	Tetrachloroethene	EPA 8260	0.003	BCL	mg/kg	0.00050 UJ	0.00055 UJ	0.00056 UJ	<0.00053	<0.00051	<0.00052	<0.00066	<0.00051	<0.00061	<0.0020	<0.00056	<0.00061	<0.00054
	Toluene	EPA 8260	0.6	BCL	mg/kg	<0.00050	<0.00055	<0.00056	<0.00053	<0.00051	<0.00052	<0.00066	<0.00051	<0.00061	<0.0020	<0.00056	<0.00061	<0.00054
	1,2,3-Trichlorobenzene	EPA 8260	0.0209	RSL	mg/kg	0.0010 UJ	0.0011 UJ	0.0011 UJ	0.0011 UJ	0.0010 UJ	0.0010 UJ	0.0013 UJ	<0.0010	<0.0012	<0.0040	<0.0011	<0.0012	<0.0011
	1,2,4-Trichlorobenzene	EPA 8260	0.3	BCL	mg/kg	0.0010 UJ	0.0011 UJ	0.0011 UJ	0.0011 UJ	0.0010 UJ	0.0010 UJ	0.0013 UJ	<0.0010	<0.0012	<0.0040	<0.0011	<0.0012	<0.0011
	1,1,1-Trichloroethane	EPA 8260	0.1	BCL	mg/kg	0.00050 UJ	0.00055 UJ	0.00056 UJ	<0.00053	<0.00051	<0.00052	<0.00066	<0.00051	<0.00061	<0.0020	<0.00056	<0.00061	<0.00054
	1,1,2-Trichloroethane	EPA 8260	0.0009	BCL	mg/kg	0.00050 UJ	0.00055 UJ	0.00056 UJ	0.00053 UJ	0.00051 UJ	0.00052 UJ	0.00066 UJ	<0.00051	<0.00061	<0.0020	<0.00056	<0.00061	<0.00054
	Trichloroethene	EPA 8260	0.003	BCL	mg/kg	<0.00050	<0.00055	<0.00056	<0.00053	<0.00051	<0.00052	<0.00066	<0.00051	<0.00061	<0.0020	<0.00056	<0.00061	<0.00054
	Trichlorofluoromethane	EPA 8260	0.731	RSL	mg/kg	<0.0010	<0.0011	<0.0011	<0.0011	<0.0010	<0.0010	<0.0013	<0.0010	<0.0012	<0.0040	<0.0011	<0.0012	<0.0011
	1,2,3-Trichloropropane	EPA 8260	0.00000323	RSL	mg/kg	0.0010 UJ	0.0011 UJ	0.0011 UJ	0.0011 UJ	0.0010 UJ	0.0010 UJ	0.0013 UJ	<0.0010	<0.0012	<0.0040	<0.0011	<0.0012	<0.0011
	1,2,4-Trimethylbenzene	EPA 8260	0.0212	RSL	mg/kg	0.0010 UJ	0.0011 UJ	0.0011 UJ	0.0011 UJ	0.0010 UJ	0.0010 UJ	0.0013 UJ	<0.0010	<0.0012	<0.0040	<0.0011	<0.0012	<0.0011
	1,3,5-Trimethylbenzene	EPA 8260	0.167	RSL	mg/kg	0.0010 UJ	0.0011 UJ	0.0011 UJ	0.0011 UJ	0.0010 UJ	0.0010 UJ	0.0013 UJ	<0.0010	<0.0012	<0.0040	<0.0011	<0.0012	<0.0011
	Vinyl chloride	EPA 8260	0.0007	BCL	mg/kg	<0.0010	<0.0011	<0.0011	<0.0011	<0.0010	<0.0010	<0.0013	<0.0010	<0.0012	<0.0040	<0.0011	<0.0012	<0.0011
	m,p-Xylene	EPA 8260			mg/kg	<0.0010	<0.0011	<0.0011	<0.0011	<0.0010	<0.0010	<0.0013	<b>0.0023</b>	<0.0012	<0.0040	<0.0011	<0.0012	<0.0011
	o-Xylene	EPA 8260	9	BCL	mg/kg	0.00050 UJ	0.00055 UJ	0.00056 UJ	0.00053 UJ	0.00051 UJ	0.00052 UJ	0.00066 UJ	<b>0.00074 J</b>	<0.00061	<0.0020	<0.00056	<0.00061	<0.00054
	1,2-Dibromo-3-chloropropane	EPA 8260	0.0000864	RSL	mg/kg	<0.0020	<0.0022	<0.0022	0.0021 UJ	0.0020 UJ	0.0021 UJ	0.0026 UJ	<0.0020	<0.0024	<0.0080	<0.0022	<0.0024	<0.0022
	4-Methyl-2-pentanone	EPA 8260			mg/kg	0.0025 UJ	0.0027 UJ	0.0028 UJ	0.0027 UJ	0.0026 UJ	0.0026 UJ	0.0033 UJ	0.0026 UJ	0.0031 UJ	0.010 UJ	<0.0028	0.0030 UJ	0.0027 UJ
	tert Butyl alcohol	EPA 8260			mg/kg	<0.010	<0.011	<0.011	<0.011	<0.010	<0.010	<0.013	<0.010	<0.012	<0.040	<0.011	<0.012	<0.011
	tert-Butylbenzene	EPA 8260	1.55	RSL	mg/kg	0.0010 UJ	0.0011 UJ	0.0011 UJ	0.0011 UJ	0.0010 UJ	0.0010 UJ	0.0013 UJ	<0.0010	<0.0012	<0.0040	<0.0011	<0.0012	<0.0011
	1,1,2-Trichloro-1,2,2-trifluoroethane	EPA 8260			mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--

**Notes:**

ft bgs: feet below ground surface

FD: Field Duplicate

Above Screening Level

**bold value:** detection

Soil screening levels were selected according to the following hierarchy of criteria:

1. Basic Comparison Level (BCL): Leaching-based basic comparison levels (LBCL) with dilution attenuation factor (DAF) of 1 in the most recent version of Nevada Division of Environmental Protection (NDEP) documents (February 2015).
2. Regional Screening Level (RSL): United States Environmental Protection Agency (USEPA) Regional Screening Levels (RSL) for groundwater protection (June 2015), with the maximum contaminant level (MCL) based screening levels selected over the risk-based screening levels, if available (USEPA 2015)
3. Calculated Criteria (CAL): Generic leaching-based BCLs (LBCLs) calculated using the approach presented in NDEP guidance (NDEP 2015).

**Sources:**

NDEP, 2015. User's Guide and Background Technical Document for NDEP Basic

Comparison Levels (BCLs) for Human Health for the BMI Complex and

Common Areas. Revision 13, February.

USEPA, 2015. Regional Screening Levels (RSL) for Chemical Contaminants at Superfund Sites. June.

**TABLE A-7a. SOIL ANALYTICAL RESULTS IN BORINGS - AREAS 7 AND 8**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-55									
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs	
						RISB-55-0.5-20141114	RISB-55-5.0-20141114	RISB-55-5.0-20141114-FD	RISB-55-10.0-20141114	RISB-55-10.0-20141114-FD	RISB-55-15.0-20141114	RISB-55-20.0-20141114	RISB-55-25.0-20141114	RISB-55-30.0-20141114	
VOCs	Acetone	EPA 8260	0.8	BCL	mg/kg	<0.0080	0.0093 UJ	<0.0088	<0.0090	0.0098 UJ	<0.0085	<0.0098	<0.0082	<0.0091	
	t-Amyl methyl ether	EPA 8260			mg/kg	0.0010 UJ	0.0012 UJ	<0.0011	0.0011 UJ	<0.0012	<0.0011	0.0012 UJ	0.0010 UJ	0.0011 UJ	
	Benzene	EPA 8260	0.002	BCL	mg/kg	<0.00050	<0.00058	<0.00055	<0.00056	<0.00061	<0.00053	<0.00061	<0.00051	<0.00057	
	Bromobenzene	EPA 8260	0.0421	RSL	mg/kg	<0.0010	<0.0012	<0.0011	<0.0011	<0.0012	<0.0011	<0.0012	<0.0010	<0.0011	
	Bromochloromethane	EPA 8260			mg/kg	<0.0010	<0.0012	<0.0011	<0.0011	<0.0012	<0.0011	<0.0012	<0.0010	<0.0011	
	Bromodichloromethane	EPA 8260	0.03	BCL	mg/kg	<0.00050	<0.00058	<0.00055	<0.00056	<0.00061	<0.00053	<0.00061	<0.00051	<0.00057	
	Bromoform	EPA 8260	0.04	BCL	mg/kg	0.0010 UJ	<0.0012	<0.0011	0.0011 UJ	0.0012 UJ	<0.0011	0.0012 UJ	<b>0.0019 J</b>	0.0011 UJ	
	Bromomethane	EPA 8260	0.01	BCL	mg/kg	<0.0010	<0.0012	<0.0011	<0.0011	<0.0012	<0.0011	<0.0012	<0.0010	<0.0011	
	2-Butanone	EPA 8260	1.16	RSL	mg/kg	<0.0050	<0.0058	<0.0055	<0.0056	<0.0061	<0.0053	<0.0061	<0.0051	<0.0057	
	n-Butylbenzene	EPA 8260	3.23	RSL	mg/kg	<0.0010	<0.0012	<0.0011	<0.0011	<0.0012	<0.0011	<0.0012	<0.0010	<0.0011	
	sec-Butylbenzene	EPA 8260	5.87	RSL	mg/kg	<0.0010	<0.0012	<0.0011	<0.0011	<0.0012	<0.0011	<0.0012	<0.0010	<0.0011	
	Carbon tetrachloride	EPA 8260	0.003	BCL	mg/kg	<0.00050	<0.00058	0.00055 UJ	<0.00056	0.00061 UJ	0.00053 UJ	<0.00061	<0.00051	<0.00057	
	Chlorobenzene	EPA 8260	0.07	BCL	mg/kg	<0.00050	<0.00058	<0.00055	<0.00056	<0.00061	<0.00053	<0.00061	<0.00051	<0.00057	
	Chloroethane	EPA 8260	5.92	RSL	mg/kg	<0.0010	<0.0012	<0.0011	<0.0011	<0.0012	<0.0011	<0.0012	<0.0010	<0.0011	
	Chloroform	EPA 8260	0.03	BCL	mg/kg	<0.00050	<0.00058	<0.00055	<b>0.0010 J</b>	<b>0.00088 J</b>	<b>0.0012</b>	<b>0.00097 J</b>	<b>0.0037</b>	<b>0.0024</b>	
	Chloromethane	EPA 8260	0.0486	RSL	mg/kg	<0.0010	<0.0012	<0.0011	<0.0011	<0.0012	<0.0011	<0.0012	<0.0010	<0.0011	
	2-Chlorotoluene	EPA 8260	0.231	RSL	mg/kg	<0.0010	<0.0012	<0.0011	<0.0011	<0.0012	<0.0011	<0.0012	<0.0010	<0.0011	
	4-Chlorotoluene	EPA 8260	0.241	RSL	mg/kg	<0.0010	<0.0012	<0.0011	<0.0011	<0.0012	<0.0011	<0.0012	<0.0010	<0.0011	
	Cumene	EPA 8260	0.738	RSL	mg/kg	<0.00050	<0.00058	<0.00055	<0.00056	<0.00061	<0.00053	<0.00061	<0.00051	<0.00057	
	p-Cymene	EPA 8260	3.91	CAL	mg/kg	<0.00050	<0.00058	<0.00055	<0.00056	<0.00061	<0.00053	<0.00061	<0.00051	<0.00057	
	Dibromochloromethane	EPA 8260	0.02	BCL	mg/kg	<0.00050	<0.00058	<0.00055	<0.00056	<0.00061	<0.00053	<0.00061	<0.00051	<0.00057	
	1,2-Dibromoethane	EPA 8260	0.0000141	RSL	mg/kg	<0.00050	<0.00058	<0.00055	<0.00056	<0.00061	<0.00053	<0.00061	<0.00051	<0.00057	
	Dibromomethane	EPA 8260	0.00197	RSL	mg/kg	<0.00050	<0.00058	<0.00055	<0.00056	<0.00061	<0.00053	<0.00061	<0.00051	<0.00057	
	1,2-Dichlorobenzene	EPA 8260	0.9	BCL	mg/kg	<0.00050	<0.00058	<0.00055	<0.00056	<0.00061	<0.00053	<0.00061	<0.00051	<0.00057	
	1,3-Dichlorobenzene	EPA 8260	0.0473	CAL	mg/kg	<0.00050	<0.00058	<0.00055	<0.00056	<0.00061	<0.00053	<0.00061	<0.00051	<0.00057	
	1,4-Dichlorobenzene	EPA 8260	0.1	BCL	mg/kg	<0.00050	<0.00058	<0.00055	<0.00056	<0.00061	<0.00053	<0.00061	<0.00051	<0.00057	
	Dichlorodifluoromethane	EPA 8260	0.304	RSL	mg/kg	0.0010 UJ	0.0012 UJ	0.0011 UJ	0.0011 UJ	0.0012 UJ	0.0011 UJ	0.0012 UJ	0.0010 UJ	0.0011 UJ	
	1,1-Dichloroethane	EPA 8260	1	BCL	mg/kg	<0.00050	<0.00058	<0.00055	<0.00056	<0.00061	<0.00053	<0.00061	<0.00051	<0.00057	
	1,2-Dichloroethane	EPA 8260	0.001	BCL	mg/kg	<0.00050	<0.00058	<0.00055	<0.00056	<0.00061	<0.00053	<0.00061	<0.00051	<0.00057	
	1,1-Dichloroethene	EPA 8260	0.003	BCL	mg/kg	<0.00050	<0.00058	<0.00055	<0.00056	<0.00061	<0.00053	<0.00061	<0.00051	<0.00057	
	cis-1,2-Dichloroethene	EPA 8260	0.02	BCL	mg/kg	<0.00050	<0.00058	<0.00055	<0.00056	<0.00061	<0.00053	<0.00061	<0.00051	<0.00057	
	trans-1,2-Dichloroethene	EPA 8260	0.03	BCL	mg/kg	<0.00050	<0.00058	<0.00055	<0.00056	<0.00061	<0.00053	<0.00061	<0.00051	<0.00057	
	1,2-Dichloropropane	EPA 8260	0.001	BCL	mg/kg	<0.00050	<0.00058	<0.00055	<0.00056	<0.00061	<0.00053	<0.00061	<0.00051	<0.00057	
	1,3-Dichloropropane	EPA 8260	0.001	BCL	mg/kg	<0.00050	<0.00058	<0.00055	<0.00056	<0.00061	<0.00053	<0.00061	<0.00051	<0.00057	
	2,2-Dichloropropane	EPA 8260			mg/kg	0.0010 UJ	<0.0012	0.0011 UJ	0.0011 UJ	<0.0012	0.0011 UJ	0.0012 UJ	0.0010 UJ	0.0011 UJ	
	1,1-Dichloropropene	EPA 8260			mg/kg	<0.00050	<0.00058	<0.00055	<0.00056	<0.00061	<0.00053	<0.00061	<0.00051	<0.00057	
	cis-1,3-Dichloropropene	EPA 8260			mg/kg	<0.00050	<0.00058	<0.00055	<0.00056	<0.00061	<0.00053	<0.00061	<0.00051	<0.00057	
	trans-1,3-Dichloropropene	EPA 8260			mg/kg	<0.00050	<0.00058	<0.00055	<0.00056	<0.00061	<0.00053	<0.00061	<0.00051	<0.00057	
	Diisopropyl ether	EPA 8260			mg/kg	<0.0010	0.0012 UJ	<0.0011	<0.0011	<0.0012	<0.0011	<0.0012	<0.0010	<0.0011	
	Ethyl benzene	EPA 8260	0.7	BCL	mg/kg	<0.00050	<0.00058	<0.00055	<0.00056	<0.00061	<0.00053	<0.00061	<0.00051	<0.00057	
Ethyl tert-butyl ether	EPA 8260			mg/kg	0.0010 UJ	<0.0012	<0.0011	0.0011 UJ	<0.0012	<0.0011	0.0012 UJ	0.0010 UJ	0.0011 UJ		
Hexachlorobutadiene	EPA 8260	0.1	BCL	mg/kg	<0.0010	<0.0012	<0.0011	<0.0011	0.0012 UJ	<0.0011	<0.0012	<0.0010	<0.0011		
2-Hexanone	EPA 8260			mg/kg	<0.0050	0.0058 UJ	<0.0055	<0.0056	<0.0061	<0.0053	<0.0061	<0.0051	<0.0057		
Methyl tert-butyl ether	EPA 8260			mg/kg	0.0010 UJ	<0.0012	<0.0011	0.0011 UJ	<0.0012	<0.0011	0.0012 UJ	0.0010 UJ	0.0011 UJ		
Methylene chloride	EPA 8260	0.001	BCL	mg/kg	<0.0050	<0.0058	<0.0055	<0.0056	<0.0061	<0.0053	<0.0061	<0.0051	<0.0057		
Naphthalene	EPA 8260	4	BCL	mg/kg	<0.0010	<0.0012	<0.0011	<0.0011	<0.0012	<0.0011	<0.0012	<0.0010	<0.0011		
n-Propylbenzene	EPA 8260	1.22	RSL	mg/kg	<0.00050	<0.00058	<0.00055	<0.00056	<0.00061	<0.00053	<0.00061	<0.00051	<0.00057		
Styrene	EPA 8260	0.2	BCL	mg/kg	<0.00050	<0.00058	<0.00055	<0.00056	<0.00061	<0.00053	<0.00061	<0.00051	<0.00057		
1,1,1,2-Tetrachloroethane	EPA 8260	0.000218	RSL	mg/kg	<0.0010	<0.0012	<0.0011	<0.0011	<0.0012	<0.0011	<0.0012	<0.0010	<0.0011		

**TABLE A-7a. SOIL ANALYTICAL RESULTS IN BORINGS - AREAS 7 AND 8**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-55								
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs
						RISB-55-0.5-20141114	RISB-55-5.0-20141114	RISB-55-5.0-20141114-FD	RISB-55-10.0-20141114	RISB-55-10.0-20141114-FD	RISB-55-15.0-20141114	RISB-55-20.0-20141114	RISB-55-25.0-20141114	RISB-55-30.0-20141114
VOCs	1,1,2,2-Tetrachloroethane	EPA 8260	0.0002	BCL	mg/kg	<0.0010	<0.0012	<0.0011	<0.0011	<0.0012	<0.0011	<0.0012	<0.0010	<0.0011
	Tetrachloroethene	EPA 8260	0.003	BCL	mg/kg	<0.00050	<0.00058	<0.00055	<0.00056	<0.00061	<0.00053	<0.00061	<0.00051	<0.00057
	Toluene	EPA 8260	0.6	BCL	mg/kg	<0.00050	<0.00058	<0.00055	<0.00056	<0.00061	<0.00053	<0.00061	<0.00051	<0.00057
	1,2,3-Trichlorobenzene	EPA 8260	0.0209	RSL	mg/kg	<0.0010	<0.0012	<0.0011	<0.0011	<0.0012	<0.0011	<0.0012	<0.0010	<0.0011
	1,2,4-Trichlorobenzene	EPA 8260	0.3	BCL	mg/kg	<0.0010	<0.0012	<0.0011	<0.0011	<0.0012	<0.0011	<0.0012	<0.0010	<0.0011
	1,1,1-Trichloroethane	EPA 8260	0.1	BCL	mg/kg	<0.00050	<0.00058	<0.00055	<0.00056	<0.00061	<0.00053	<0.00061	<0.00051	<0.00057
	1,1,2-Trichloroethane	EPA 8260	0.0009	BCL	mg/kg	<0.00050	<0.00058	<0.00055	<0.00056	<0.00061	<0.00053	<0.00061	<0.00051	<0.00057
	Trichloroethene	EPA 8260	0.003	BCL	mg/kg	<0.00050	<0.00058	<0.00055	<0.00056	<0.00061	<0.00053	<0.00061	<0.00051	<0.00057
	Trichlorofluoromethane	EPA 8260	0.731	RSL	mg/kg	<0.0010	<0.0012	<0.0011	<0.0011	0.0012 UJ	<0.0011	<0.0012	<0.0010	<0.0011
	1,2,3-Trichloropropane	EPA 8260	0.00000323	RSL	mg/kg	<0.0010	<0.0012	<0.0011	<0.0011	<0.0012	<0.0011	<0.0012	<0.0010	<0.0011
	1,2,4-Trimethylbenzene	EPA 8260	0.0212	RSL	mg/kg	<0.0010	<0.0012	<0.0011	<0.0011	<0.0012	<0.0011	<0.0012	<0.0010	<0.0011
	1,3,5-Trimethylbenzene	EPA 8260	0.167	RSL	mg/kg	<0.0010	<0.0012	<0.0011	<0.0011	<0.0012	<0.0011	<0.0012	<0.0010	<0.0011
	Vinyl chloride	EPA 8260	0.0007	BCL	mg/kg	<0.0010	<0.0012	<0.0011	<0.0011	<0.0012	<0.0011	<0.0012	<0.0010	<0.0011
	m,p-Xylene	EPA 8260			mg/kg	<0.0010	<0.0012	<0.0011	<0.0011	<0.0012	<0.0011	<0.0012	<0.0010	<0.0011
	o-Xylene	EPA 8260	9	BCL	mg/kg	<0.00050	<0.00058	<0.00055	<0.00056	<0.00061	<0.00053	<0.00061	<0.00051	<0.00057
	1,2-Dibromo-3-chloropropane	EPA 8260	0.0000864	RSL	mg/kg	0.0020 UJ	<0.0023	<0.0022	0.0022 UJ	<0.0025	<0.0021	0.0025 UJ	0.0021 UJ	0.0023 UJ
	4-Methyl-2-pentanone	EPA 8260			mg/kg	<0.0025	0.0029 UJ	<0.0028	<0.0028	<0.0031	<0.0027	<0.0031	<0.0026	<0.0029
	tert Butyl alcohol	EPA 8260			mg/kg	<0.010	<0.012	<0.011	<0.011	<0.012	<0.011	<0.012	<0.010	<0.011
	tert-Butylbenzene	EPA 8260	1.55	RSL	mg/kg	<0.0010	<0.0012	<0.0011	<0.0011	<0.0012	<0.0011	<0.0012	<0.0010	<0.0011
	1,1,2-Trichloro-1,2,2-trifluoroethane	EPA 8260			mg/kg	--	--	--	--	--	--	--	--	--

**Notes:**

ft bgs: feet below ground surface

FD: Field Duplicate

Above Screening Level

bold value: detection

Soil screening levels were selected according to the following hierarchy of criteria:

1. Basic Comparison Level (BCL): Leaching-based basic comparison levels (LBCL) with dilution attenuation factor (DAF) of 1 in the most recent version of Nevada Division of Environmental Protection (NDEP) documents (February 2015).
2. Regional Screening Level (RSL): United States Environmental Protection Agency (USEPA) Regional Screening Levels (RSL) for groundwater protection (June 2015), with the maximum contaminant level (MCL) based screening levels selected over the risk-based screening levels, if available (USEPA 2015)
3. Calculated Criteria (CAL): Generic leaching-based BCLs (LBCLs) calculated using the approach presented in NDEP guidance (NDEP 2015).

**Sources:**

NDEP, 2015. User's Guide and Background Technical Document for NDEP Basic

Comparison Levels (BCLs) for Human Health for the BMI Complex and

Common Areas. Revision 13, February.

USEPA, 2015. Regional Screening Levels (RSL) for Chemical Contaminants at Superfund Sites. June.

**TABLE A-7a. SOIL ANALYTICAL RESULTS IN BORINGS - AREAS 7 AND 8**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-56									
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	15-15.5 ft bgs	18-18.5 ft bgs	25-25.5 ft bgs	29-29.5 ft bgs	35-35.5 ft bgs	
						RISB-56-0.5-20141104	RISB-56-5.0-20141104	RISB-56-10.0-20141104	RISB-56-15.0-20141104	RISB-56-15.0-20141104-FD	RISB-56-18.0-20141104	RISB-56-25.0-20141104	RISB-56-29.0-20141104	RISB-56-35.0-20141104	
VOCs	Acetone	EPA 8260	0.8	BCL	mg/kg	0.0078 UJ	0.0088 UJ	0.0084 UJ	0.0085 UJ	0.0086 UJ	<b>0.013 J</b>	0.0080 UJ	0.0084 UJ	<0.011	
	t-Amyl methyl ether	EPA 8260			mg/kg	<0.00098	<0.0011	0.0011 UJ	<0.0011	<0.0011	0.00098 UJ	<0.00099	<0.0010	<0.0014	
	Benzene	EPA 8260	0.002	BCL	mg/kg	<0.00049	<0.00055	<0.00053	<0.00053	<0.00054	<0.00049	<0.00050	<0.00052	0.00071 UJ	
	Bromobenzene	EPA 8260	0.0421	RSL	mg/kg	<0.00098	<0.0011	<0.0011	<0.0011	<0.0011	<0.00098	<0.00099	<0.0010	0.0014 UJ	
	Bromochloromethane	EPA 8260			mg/kg	<0.00098	<0.0011	0.0011 UJ	<0.0011	<0.0011	0.00098 UJ	<0.00099	<0.0010	0.0014 UJ	
	Bromodichloromethane	EPA 8260	0.03	BCL	mg/kg	<0.00049	<0.00055	<0.00053	<0.00053	<0.00054	<0.00049	<0.00050	<0.00052	0.00071 UJ	
	Bromoform	EPA 8260	0.04	BCL	mg/kg	<0.00098	<0.0011	0.0011 UJ	<0.0011	<0.0011	0.00098 UJ	<0.00099	<0.0010	<0.0014	
	Bromomethane	EPA 8260	0.01	BCL	mg/kg	<0.00098	<0.0011	0.0011 UJ	<0.0011	<0.0011	0.00098 UJ	<0.00099	<0.0010	<0.0014	
	2-Butanone	EPA 8260	1.16	RSL	mg/kg	<0.0049	<0.0055	<0.0053	<0.0053	<0.0054	<0.0049	<0.0050	<0.0052	<0.0071	
	n-Butylbenzene	EPA 8260	3.23	RSL	mg/kg	<0.00098	<0.0011	<0.0011	<0.0011	<0.0011	<0.00098	<0.00099	<0.0010	0.0014 UJ	
	sec-Butylbenzene	EPA 8260	5.87	RSL	mg/kg	<0.00098	<0.0011	<0.0011	<0.0011	<0.0011	<0.00098	<0.00099	<0.0010	0.0014 UJ	
	Carbon tetrachloride	EPA 8260	0.003	BCL	mg/kg	<0.00049	<0.00055	0.00053 UJ	<0.00053	<0.00054	0.00049 UJ	<0.00050	<0.00052	0.00071 UJ	
	Chlorobenzene	EPA 8260	0.07	BCL	mg/kg	<0.00049	<0.00055	<0.00053	<0.00053	<0.00054	<0.00049	<0.00050	<0.00052	<0.00071	
	Chloroethane	EPA 8260	5.92	RSL	mg/kg	<0.00098	<0.0011	<0.0011	<0.0011	<0.0011	<0.00098	<0.00099	<0.0010	<0.0014	
	Chloroform	EPA 8260	0.03	BCL	mg/kg	<0.00049	<0.00055	<0.00053	<0.00053	<0.00054	<0.00049	<b>0.00080 J</b>	<b>0.0015</b>	<b>0.031</b>	
	Chloromethane	EPA 8260	0.0486	RSL	mg/kg	<0.00098	<0.0011	<0.0011	<0.0011	<0.0011	<0.00098	<0.00099	<0.0010	<0.0014	
	2-Chlorotoluene	EPA 8260	0.231	RSL	mg/kg	<0.00098	<0.0011	<0.0011	<0.0011	<0.0011	<0.00098	<0.00099	<0.0010	0.0014 UJ	
	4-Chlorotoluene	EPA 8260	0.241	RSL	mg/kg	<0.00098	<0.0011	<0.0011	<0.0011	<0.0011	<0.00098	<0.00099	<0.0010	0.0014 UJ	
	Cumene	EPA 8260	0.738	RSL	mg/kg	<0.00049	<0.00055	<0.00053	<0.00053	<0.00054	<0.00049	<0.00050	<0.00052	<0.00071	
	p-Cymene	EPA 8260	3.91	CAL	mg/kg	<0.00049	<0.00055	<0.00053	<0.00053	<0.00054	<0.00049	<0.00050	<0.00052	<0.00071	
	Dibromochloromethane	EPA 8260	0.02	BCL	mg/kg	<0.00049	<0.00055	0.00053 UJ	<0.00053	<0.00054	0.00049 UJ	<0.00050	<0.00052	0.00071 UJ	
	1,2-Dibromoethane	EPA 8260	0.0000141	RSL	mg/kg	<0.00049	<0.00055	<0.00053	<0.00053	<0.00054	<0.00049	<0.00050	<0.00052	0.00071 UJ	
	Dibromomethane	EPA 8260	0.00197	RSL	mg/kg	<0.00049	<0.00055	<0.00053	<0.00053	<0.00054	<0.00049	<0.00050	<0.00052	<0.00071	
	1,2-Dichlorobenzene	EPA 8260	0.9	BCL	mg/kg	<0.00049	<0.00055	<0.00053	<0.00053	<0.00054	<0.00049	<0.00050	<0.00052	0.00071 UJ	
	1,3-Dichlorobenzene	EPA 8260	0.0473	CAL	mg/kg	<0.00049	<0.00055	<0.00053	<0.00053	<0.00054	<0.00049	<0.00050	<0.00052	<0.00071	
	1,4-Dichlorobenzene	EPA 8260	0.1	BCL	mg/kg	<0.00049	<0.00055	<0.00053	<0.00053	<0.00054	<0.00049	<0.00050	<0.00052	<0.00071	
	Dichlorodifluoromethane	EPA 8260	0.304	RSL	mg/kg	0.00098 UJ	0.0011 UJ	0.0011 UJ	0.0011 UJ	0.0011 UJ	0.00098 UJ	0.00099 UJ	0.0010 UJ	<0.0014	
	1,1-Dichloroethane	EPA 8260	1	BCL	mg/kg	<0.00049	<0.00055	<0.00053	<0.00053	<0.00054	<0.00049	<0.00050	<0.00052	0.00071 UJ	
	1,2-Dichloroethane	EPA 8260	0.001	BCL	mg/kg	<0.00049	<0.00055	0.00053 UJ	<0.00053	<0.00054	0.00049 UJ	<0.00050	<0.00052	<0.00071	
	1,1-Dichloroethene	EPA 8260	0.003	BCL	mg/kg	<0.00049	<0.00055	<0.00053	<0.00053	<0.00054	<0.00049	<0.00050	<0.00052	<0.00071	
	cis-1,2-Dichloroethene	EPA 8260	0.02	BCL	mg/kg	<0.00049	<0.00055	<b>0.0032</b>	<0.00053	<0.00054	<b>0.0028</b>	<0.00050	<0.00052	0.00071 UJ	
	trans-1,2-Dichloroethene	EPA 8260	0.03	BCL	mg/kg	<0.00049	<0.00055	<0.00053	<0.00053	<0.00054	<0.00049	<0.00050	<0.00052	0.00071 UJ	
	1,2-Dichloropropane	EPA 8260	0.001	BCL	mg/kg	<0.00049	<0.00055	<0.00053	<0.00053	<0.00054	<0.00049	<0.00050	<0.00052	0.00071 UJ	
	1,3-Dichloropropane	EPA 8260	0.001	BCL	mg/kg	<0.00049	<0.00055	<0.00053	<0.00053	<0.00054	<0.00049	<0.00050	<0.00052	<0.00071	
	2,2-Dichloropropane	EPA 8260			mg/kg	<0.00098	<0.0011	0.0011 UJ	<0.0011	<0.0011	0.00098 UJ	<0.00099	<0.0010	<0.0014	
	1,1-Dichloropropene	EPA 8260			mg/kg	<0.00049	<0.00055	<0.00053	<0.00053	<0.00054	<0.00049	<0.00050	<0.00052	0.00071 UJ	
	cis-1,3-Dichloropropene	EPA 8260			mg/kg	<0.00049	<0.00055	0.00053 UJ	<0.00053	<0.00054	0.00049 UJ	<0.00050	<0.00052	0.00071 UJ	
	trans-1,3-Dichloropropene	EPA 8260			mg/kg	<0.00049	<0.00055	0.00053 UJ	<0.00053	<0.00054	0.00049 UJ	<0.00050	<0.00052	0.00071 UJ	
	Diisopropyl ether	EPA 8260			mg/kg	0.00098 UJ	0.0011 UJ	<0.0011	0.0011 UJ	0.0011 UJ	<0.00098	0.00099 UJ	0.0010 UJ	0.0014 UJ	
	Ethyl benzene	EPA 8260	0.7	BCL	mg/kg	<0.00049	<0.00055	<0.00053	<0.00053	<0.00054	<0.00049	<0.00050	<0.00052	<0.00071	
Ethyl tert-butyl ether	EPA 8260			mg/kg	<0.00098	<0.0011	0.0011 UJ	<0.0011	<0.0011	0.00098 UJ	<0.00099	<0.0010	0.0014 UJ		
Hexachlorobutadiene	EPA 8260	0.1	BCL	mg/kg	<0.00098	<0.0011	<0.0011	<0.0011	<0.0011	<0.00098	<0.00099	<0.0010	<0.0014		
2-Hexanone	EPA 8260			mg/kg	0.0049 UJ	0.0055 UJ	<0.0053	0.0053 UJ	0.0054 UJ	<0.0049	0.0050 UJ	0.0052 UJ	0.0071 UJ		
Methyl tert-butyl ether	EPA 8260			mg/kg	<0.00098	<0.0011	<0.0011	<0.0011	<0.0011	<0.00098	<0.00099	<0.0010	<0.0014		
Methylene chloride	EPA 8260	0.001	BCL	mg/kg	<0.0049	<0.0055	<0.0053	<0.0053	<0.0054	<0.0049	<0.0050	<0.0052	<0.0071		
Naphthalene	EPA 8260	4	BCL	mg/kg	<0.00098	<0.0011	<0.0011	<0.0011	<0.0011	<0.00098	<0.00099	<0.0010	0.0014 UJ		
n-Propylbenzene	EPA 8260	1.22	RSL	mg/kg	<0.00049	<0.00055	<0.00053	<0.00053	<0.00054	<0.00049	<0.00050	<0.00052	0.00071 UJ		
Styrene	EPA 8260	0.2	BCL	mg/kg	<0.00049	<0.00055	<0.00053	<0.00053	<0.00054	<0.00049	<0.00050	<0.00052	0.00071 UJ		
1,1,1,2-Tetrachloroethane	EPA 8260	0.000218	RSL	mg/kg	<0.00098	<0.0011	0.0011 UJ	<0.0011	<0.0011	0.00098 UJ	<0.00099	<0.0010	0.0014 UJ		

**TABLE A-7a. SOIL ANALYTICAL RESULTS IN BORINGS - AREAS 7 AND 8**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-56								
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	15-15.5 ft bgs	18-18.5 ft bgs	25-25.5 ft bgs	29-29.5 ft bgs	35-35.5 ft bgs
						RISB-56-0.5-20141104	RISB-56-5.0-20141104	RISB-56-10.0-20141104	RISB-56-15.0-20141104	RISB-56-15.0-20141104-FD	RISB-56-18.0-20141104	RISB-56-25.0-20141104	RISB-56-29.0-20141104	RISB-56-35.0-20141104
VOCs	1,1,2,2-Tetrachloroethane	EPA 8260	0.0002	BCL	mg/kg	<0.00098	<0.0011	<0.0011	<0.0011	<0.0011	<0.00098	<0.00099	<0.0010	<0.0014
	Tetrachloroethene	EPA 8260	0.003	BCL	mg/kg	<0.00049	<0.00055	<0.00053	<0.00053	<0.00054	<0.00049	<0.00050	<0.00052	<0.00071
	Toluene	EPA 8260	0.6	BCL	mg/kg	<0.00049	<0.00055	<0.00053	<0.00053	<0.00054	<0.00049	<0.00050	<0.00052	<0.00071
	1,2,3-Trichlorobenzene	EPA 8260	0.0209	RSL	mg/kg	<0.00098	<0.0011	<0.0011	<0.0011	<0.0011	<0.00098	<0.00099	<0.0010	0.0014 UJ
	1,2,4-Trichlorobenzene	EPA 8260	0.3	BCL	mg/kg	<0.00098	<0.0011	<0.0011	<0.0011	<0.0011	<0.00098	<0.00099	<0.0010	0.0014 UJ
	1,1,1-Trichloroethane	EPA 8260	0.1	BCL	mg/kg	<0.00049	<0.00055	0.00053 UJ	<0.00053	<0.00054	0.00049 UJ	<0.00050	<0.00052	<0.00071
	1,1,2-Trichloroethane	EPA 8260	0.0009	BCL	mg/kg	<0.00049	<0.00055	<0.00053	<0.00053	<0.00054	<0.00049	<0.00050	<0.00052	0.00071 UJ
	Trichloroethene	EPA 8260	0.003	BCL	mg/kg	<0.00049	<0.00055	<b>0.0024</b>	<0.00053	<0.00054	<b>0.0020</b>	<0.00050	<0.00052	<0.00071
	Trichlorofluoromethane	EPA 8260	0.731	RSL	mg/kg	0.00098 UJ	0.0011 UJ	0.0011 UJ	0.0011 UJ	0.0011 UJ	0.00098 UJ	0.00099 UJ	0.0010 UJ	<0.0014
	1,2,3-Trichloropropane	EPA 8260	0.00000323	RSL	mg/kg	<0.00098	<0.0011	<0.0011	<0.0011	<0.0011	<0.00098	<0.00099	<0.0010	0.0014 UJ
	1,2,4-Trimethylbenzene	EPA 8260	0.0212	RSL	mg/kg	<0.00098	<0.0011	<0.0011	<0.0011	<0.0011	<0.00098	<0.00099	<0.0010	0.0014 UJ
	1,3,5-Trimethylbenzene	EPA 8260	0.167	RSL	mg/kg	<0.00098	<0.0011	<0.0011	<0.0011	<0.0011	<0.00098	<0.00099	<0.0010	0.0014 UJ
	Vinyl chloride	EPA 8260	0.0007	BCL	mg/kg	<0.00098	<0.0011	<0.0011	<0.0011	<0.0011	<0.00098	<0.00099	<0.0010	<0.0014
	m,p-Xylene	EPA 8260			mg/kg	<0.00098	<0.0011	<0.0011	<0.0011	<0.0011	<0.00098	<0.00099	<0.0010	<0.0014
	o-Xylene	EPA 8260	9	BCL	mg/kg	<0.00049	<0.00055	<0.00053	<0.00053	<0.00054	<0.00049	<0.00050	<0.00052	0.00071 UJ
	1,2-Dibromo-3-chloropropane	EPA 8260	0.0000864	RSL	mg/kg	<0.0020	<0.0022	<0.0021	<0.0021	<0.0021	<0.0020	<0.0020	<0.0021	<0.0029
	4-Methyl-2-pentanone	EPA 8260			mg/kg	0.0024 UJ	0.0027 UJ	<0.0026	0.0027 UJ	0.0027 UJ	<0.0024	0.0025 UJ	0.0026 UJ	0.0036 UJ
	tert Butyl alcohol	EPA 8260			mg/kg	<0.0098	<0.011	<0.011	<0.011	<0.011	<0.0098	<0.0099	<0.010	<0.014
tert-Butylbenzene	EPA 8260	1.55	RSL	mg/kg	<0.00098	<0.0011	<0.0011	<0.0011	<0.0011	<0.00098	<0.00099	<0.0010	0.0014 UJ	
1,1,2-Trichloro-1,2,2-trifluoroethane	EPA 8260			mg/kg	<0.0049	<0.0055	<0.0053	<0.0053	<0.0054	<0.0049	<0.0050	<0.0052	<0.0071	

**Notes:**

ft bgs: feet below ground surface

FD: Field Duplicate

Above Screening Level

**bold value:** detection

Soil screening levels were selected according to the following hierarchy of criteria:

1. Basic Comparison Level (BCL): Leaching-based basic comparison levels (LBCL) with dilution attenuation factor (DAF) of 1 in the most recent version of Nevada Division of Environmental Protection (NDEP) documents (February 2015).
2. Regional Screening Level (RSL): United States Environmental Protection Agency (USEPA) Regional Screening Levels (RSL) for groundwater protection (June 2015), with the maximum contaminant level (MCL) based screening levels selected over the risk-based screening levels, if available (USEPA 2015)
3. Calculated Criteria (CAL): Generic leaching-based BCLs (LBCLs) calculated using the approach presented in NDEP guidance (NDEP 2015).

**Sources:**

NDEP, 2015. User's Guide and Background Technical Document for NDEP Basic

Comparison Levels (BCLs) for Human Health for the BMI Complex and

Common Areas. Revision 13, February.

USEPA, 2015. Regional Screening Levels (RSL) for Chemical Contaminants at Superfund Sites. June.

**TABLE A-7a. SOIL ANALYTICAL RESULTS IN BORINGS - AREAS 7 AND 8**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-57								
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs	35-35.5 ft bgs
						RISB-57-0.5-20141103	RISB-57-5.0-20141103	RISB-57-10-20141103	RISB-57-15-20141103	RISB-57-20.0-20141103	RISB-57-20.0-20141103-FD	RISB-57-25.0-20141103	RISB-57-30-20141103	RISB-57-35.0-20141103
VOCs	Acetone	EPA 8260	0.8	BCL	mg/kg	0.0070 UJ	0.0069 UJ	0.0073 UJ	0.0072 UJ	0.0073 UJ	0.0072 UJ	<b>0.058 J</b>	<b>0.018 J</b>	0.0082 UJ
	t-Amyl methyl ether	EPA 8260			mg/kg	0.00088 UJ	0.00087 UJ	0.00092 UJ	0.00090 UJ	0.00091 UJ	<0.00090	0.0010 UJ	0.00093 UJ	0.0010 UJ
	Benzene	EPA 8260	0.002	BCL	mg/kg	<0.00044	<0.00043	<0.00046	<0.00045	<0.00046	<0.00045	<0.00050	<0.00046	<0.00051
	Bromobenzene	EPA 8260	0.0421	RSL	mg/kg	<0.00088	<0.00087	<0.00092	<0.00090	<0.00091	<0.00090	<0.0010	<0.00093	<0.0010
	Bromochloromethane	EPA 8260			mg/kg	0.00088 UJ	0.00087 UJ	0.00092 UJ	0.00090 UJ	0.00091 UJ	<0.00090	0.0010 UJ	0.00093 UJ	0.0010 UJ
	Bromodichloromethane	EPA 8260	0.03	BCL	mg/kg	<0.00044	<0.00043	<0.00046	<0.00045	<0.00046	<0.00045	<0.00050	<0.00046	<0.00051
	Bromoform	EPA 8260	0.04	BCL	mg/kg	0.00088 UJ	0.00087 UJ	0.00092 UJ	0.00090 UJ	0.00091 UJ	<0.00090	0.0010 UJ	0.00093 UJ	0.0010 UJ
	Bromomethane	EPA 8260	0.01	BCL	mg/kg	0.00088 UJ	0.00087 UJ	0.00092 UJ	0.00090 UJ	0.00091 UJ	<0.00090	0.0010 UJ	0.00093 UJ	0.0010 UJ
	2-Butanone	EPA 8260	1.16	RSL	mg/kg	<0.0044	<0.0043	<0.0046	<0.0045	<0.0046	<0.0045	<0.0050	<0.0046	<0.0051
	n-Butylbenzene	EPA 8260	3.23	RSL	mg/kg	<0.00088	<0.00087	<0.00092	<0.00090	<0.00091	<0.00090	<0.0010	<0.00093	<0.0010
	sec-Butylbenzene	EPA 8260	5.87	RSL	mg/kg	<0.00088	<0.00087	<0.00092	<0.00090	<0.00091	<0.00090	<0.0010	<0.00093	<0.0010
	Carbon tetrachloride	EPA 8260	0.003	BCL	mg/kg	0.00044 UJ	0.00043 UJ	0.00046 UJ	0.00045 UJ	0.00046 UJ	<0.00045	0.00050 UJ	0.00046 UJ	0.00051 UJ
	Chlorobenzene	EPA 8260	0.07	BCL	mg/kg	<0.00044	<0.00043	<0.00046	<0.00045	<0.00046	<0.00045	<0.00050	<0.00046	<0.00051
	Chloroethane	EPA 8260	5.92	RSL	mg/kg	<0.00088	<0.00087	<0.00092	<0.00090	<0.00091	<0.00090	<0.0010	<0.00093	<0.0010
	Chloroform	EPA 8260	0.03	BCL	mg/kg	<0.00044	<0.00043	<b>0.0016</b>	<b>0.00049 J</b>	<b>0.00087 J</b>	<b>0.0012 J</b>	<b>0.0011</b>	<b>0.0013</b>	<b>0.034</b>
	Chloromethane	EPA 8260	0.0486	RSL	mg/kg	<0.00088	<0.00087	<0.00092	<0.00090	<0.00091	<0.00090	<0.0010	<0.00093	<0.0010
	2-Chlorotoluene	EPA 8260	0.231	RSL	mg/kg	<0.00088	<0.00087	<0.00092	<0.00090	<0.00091	<0.00090	<0.0010	<0.00093	<0.0010
	4-Chlorotoluene	EPA 8260	0.241	RSL	mg/kg	<0.00088	<0.00087	<0.00092	<0.00090	<0.00091	<0.00090	<0.0010	<0.00093	<0.0010
	Cumene	EPA 8260	0.738	RSL	mg/kg	<0.00044	<0.00043	<0.00046	<0.00045	<0.00046	<0.00045	<0.00050	<0.00046	<0.00051
	p-Cymene	EPA 8260	3.91	CAL	mg/kg	<0.00044	<0.00043	<0.00046	<0.00045	<0.00046	<0.00045	<0.00050	<0.00046	<0.00051
	Dibromochloromethane	EPA 8260	0.02	BCL	mg/kg	0.00044 UJ	0.00043 UJ	0.00046 UJ	0.00045 UJ	0.00046 UJ	<0.00045	0.00050 UJ	0.00046 UJ	0.00051 UJ
	1,2-Dibromoethane	EPA 8260	0.000141	RSL	mg/kg	<0.00044	<0.00043	<0.00046	<0.00045	<0.00046	<0.00045	<0.00050	<0.00046	<0.00051
	Dibromomethane	EPA 8260	0.00197	RSL	mg/kg	<0.00044	<0.00043	<0.00046	<0.00045	<0.00046	<0.00045	<0.00050	<0.00046	<0.00051
	1,2-Dichlorobenzene	EPA 8260	0.9	BCL	mg/kg	<0.00044	<0.00043	<0.00046	<0.00045	<0.00046	<0.00045	<0.00050	<0.00046	<0.00051
	1,3-Dichlorobenzene	EPA 8260	0.0473	CAL	mg/kg	<0.00044	<0.00043	<0.00046	<0.00045	<0.00046	<0.00045	<0.00050	<0.00046	<0.00051
	1,4-Dichlorobenzene	EPA 8260	0.1	BCL	mg/kg	<0.00044	<0.00043	<0.00046	<0.00045	<0.00046	<0.00045	<0.00050	<0.00046	<0.00051
	Dichlorodifluoromethane	EPA 8260	0.304	RSL	mg/kg	0.00088 UJ	0.00087 UJ	0.00092 UJ	0.00090 UJ	0.00091 UJ	0.00090 UJ	0.0010 UJ	0.00093 UJ	0.0010 UJ
	1,1-Dichloroethane	EPA 8260	1	BCL	mg/kg	<0.00044	<0.00043	<0.00046	<0.00045	<0.00046	<0.00045	<0.00050	<0.00046	<0.00051
	1,2-Dichloroethane	EPA 8260	0.001	BCL	mg/kg	0.00044 UJ	0.00043 UJ	0.00046 UJ	0.00045 UJ	0.00046 UJ	<0.00045	0.00050 UJ	0.00046 UJ	0.00051 UJ
	1,1-Dichloroethene	EPA 8260	0.003	BCL	mg/kg	<0.00044	<0.00043	<0.00046	<0.00045	<0.00046	<0.00045	<0.00050	<0.00046	<0.00051
	cis-1,2-Dichloroethene	EPA 8260	0.02	BCL	mg/kg	<b>0.0041</b>	<0.00043	<b>0.0032</b>	<0.00045	<b>0.0033 J</b>	0.00045 UJ	<b>0.0034</b>	<0.00046	<0.00051
	trans-1,2-Dichloroethene	EPA 8260	0.03	BCL	mg/kg	<0.00044	<0.00043	<0.00046	<0.00045	<0.00046	<0.00045	<0.00050	<0.00046	<0.00051
	1,2-Dichloropropane	EPA 8260	0.001	BCL	mg/kg	<0.00044	<0.00043	<0.00046	<0.00045	<0.00046	<0.00045	<0.00050	<0.00046	<0.00051
	1,3-Dichloropropane	EPA 8260	0.001	BCL	mg/kg	<0.00044	<0.00043	<0.00046	<0.00045	<0.00046	<0.00045	<0.00050	<0.00046	<0.00051
	2,2-Dichloropropane	EPA 8260			mg/kg	0.00088 UJ	0.00087 UJ	0.00092 UJ	0.00090 UJ	0.00091 UJ	<0.00090	0.0010 UJ	0.00093 UJ	0.0010 UJ
	1,1-Dichloropropene	EPA 8260			mg/kg	<0.00044	<0.00043	<0.00046	<0.00045	<0.00046	<0.00045	<0.00050	<0.00046	<0.00051
	cis-1,3-Dichloropropene	EPA 8260			mg/kg	0.00044 UJ	0.00043 UJ	0.00046 UJ	0.00045 UJ	0.00046 UJ	<0.00045	0.00050 UJ	0.00046 UJ	0.00051 UJ
	trans-1,3-Dichloropropene	EPA 8260			mg/kg	0.00044 UJ	0.00043 UJ	0.00046 UJ	0.00045 UJ	0.00046 UJ	<0.00045	0.00050 UJ	0.00046 UJ	0.00051 UJ
	Diisopropyl ether	EPA 8260			mg/kg	<0.00088	<0.00087	<b>0.0011 J</b>	<0.00090	<0.00091	0.00090 UJ	<0.0010	<0.00093	<0.0010
	Ethyl benzene	EPA 8260	0.7	BCL	mg/kg	<0.00044	<0.00043	<0.00046	<0.00045	<0.00046	<0.00045	<0.00050	<0.00046	<0.00051
Ethyl tert-butyl ether	EPA 8260			mg/kg	0.00088 UJ	0.00087 UJ	0.00092 UJ	0.00090 UJ	0.00091 UJ	<0.00090	0.0010 UJ	0.00093 UJ	0.0010 UJ	
Hexachlorobutadiene	EPA 8260	0.1	BCL	mg/kg	<0.00088	<0.00087	<0.00092	<0.00090	<0.00091	<0.00090	<0.0010	<0.00093	<0.0010	
2-Hexanone	EPA 8260			mg/kg	<0.0044	<0.0043	<0.0046	<0.0045	<0.0046	0.0045 UJ	<0.0050	<0.0046	<0.0051	
Methyl tert-butyl ether	EPA 8260			mg/kg	<0.00088	<0.00087	<0.00092	<0.00090	<0.00091	<0.00090	<0.0010	<0.00093	<0.0010	
Methylene chloride	EPA 8260	0.001	BCL	mg/kg	<0.0044	<0.0043	<0.0046	<0.0045	<0.0046	<0.0045	<0.0050	<0.0046	<0.0051	
Naphthalene	EPA 8260	4	BCL	mg/kg	<0.00088	<0.00087	<0.00092	<0.00090	<0.00091	<0.00090	<0.0010	<0.00093	<0.0010	
n-Propylbenzene	EPA 8260	1.22	RSL	mg/kg	<0.00044	<0.00043	<0.00046	<0.00045	<0.00046	<0.00045	<0.00050	<0.00046	<0.00051	
Styrene	EPA 8260	0.2	BCL	mg/kg	<0.00044	<0.00043	<0.00046	<0.00045	<0.00046	<0.00045	<0.00050	<0.00046	<0.00051	
1,1,1,2-Tetrachloroethane	EPA 8260	0.000218	RSL	mg/kg	0.00088 UJ	0.00087 UJ	0.00092 UJ	0.00090 UJ	0.00091 UJ	<0.00090	0.0010 UJ	0.00093 UJ	0.0010 UJ	



**TABLE A-7a. SOIL ANALYTICAL RESULTS IN BORINGS - AREAS 7 AND 8**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	RISB-57								
			Level	Source		0.5-1 ft bgs	5-5.5 ft bgs	10-10.5 ft bgs	15-15.5 ft bgs	20-20.5 ft bgs	20-20.5 ft bgs	25-25.5 ft bgs	30-30.5 ft bgs	35-35.5 ft bgs
						RISB-57-0.5-20141103	RISB-57-5.0-20141103	RISB-57-10-20141103	RISB-57-15-20141103	RISB-57-20.0-20141103	RISB-57-20.0-20141103-FD	RISB-57-25.0-20141103	RISB-57-30-20141103	RISB-57-35.0-20141103
VOCs	1,1,2,2-Tetrachloroethane	EPA 8260	0.0002	BCL	mg/kg	<0.00088	<0.00087	<0.00092	<0.00090	<0.00091	<0.00090	<0.0010	<0.00093	<0.0010
	Tetrachloroethene	EPA 8260	0.003	BCL	mg/kg	<0.00044	<0.00043	<0.00046	<0.00045	<0.00046	<0.00045	<0.00050	<0.00046	<b>0.00085 J</b>
	Toluene	EPA 8260	0.6	BCL	mg/kg	<0.00044	<0.00043	<0.00046	<0.00045	<0.00046	<0.00045	<0.00050	<0.00046	<0.00051
	1,2,3-Trichlorobenzene	EPA 8260	0.0209	RSL	mg/kg	<0.00088	<0.00087	<0.00092	<0.00090	<0.00091	<0.00090	<0.0010	<0.00093	<0.0010
	1,2,4-Trichlorobenzene	EPA 8260	0.3	BCL	mg/kg	<0.00088	<0.00087	<0.00092	<0.00090	<0.00091	<0.00090	<0.0010	<0.00093	<0.0010
	1,1,1-Trichloroethane	EPA 8260	0.1	BCL	mg/kg	0.00044 UJ	0.00043 UJ	0.00046 UJ	0.00045 UJ	0.00046 UJ	<0.00045	0.00050 UJ	0.00046 UJ	0.00051 UJ
	1,1,2-Trichloroethane	EPA 8260	0.0009	BCL	mg/kg	<0.00044	<0.00043	<0.00046	<0.00045	<0.00046	<0.00045	<0.00050	<0.00046	<0.00051
	Trichloroethene	EPA 8260	0.003	BCL	mg/kg	<b>0.0021</b>	<0.00043	<b>0.0019</b>	<0.00045	<b>0.0017 J</b>	0.00045 UJ	<b>0.0023</b>	<0.00046	<0.00051
	Trichlorofluoromethane	EPA 8260	0.731	RSL	mg/kg	0.00088 UJ	0.00087 UJ	0.00092 UJ	0.00090 UJ	0.00091 UJ	0.00090 UJ	0.0010 UJ	0.00093 UJ	0.0010 UJ
	1,2,3-Trichloropropane	EPA 8260	0.00000323	RSL	mg/kg	<0.00088	<0.00087	<0.00092	<0.00090	<0.00091	<0.00090	<0.0010	<0.00093	<0.0010
	1,2,4-Trimethylbenzene	EPA 8260	0.0212	RSL	mg/kg	<0.00088	<0.00087	<0.00092	<0.00090	<0.00091	<0.00090	<0.0010	<0.00093	<0.0010
	1,3,5-Trimethylbenzene	EPA 8260	0.167	RSL	mg/kg	<0.00088	<0.00087	<0.00092	<0.00090	<0.00091	<0.00090	<0.0010	<0.00093	<0.0010
	Vinyl chloride	EPA 8260	0.0007	BCL	mg/kg	<0.00088	<0.00087	<0.00092	<0.00090	<0.00091	<0.00090	<0.0010	<0.00093	<0.0010
	m,p-Xylene	EPA 8260			mg/kg	<0.00088	<0.00087	<0.00092	<0.00090	<0.00091	<0.00090	<0.0010	<0.00093	<0.0010
	o-Xylene	EPA 8260	9	BCL	mg/kg	<0.00044	<0.00043	<0.00046	<0.00045	<0.00046	<0.00045	<0.00050	<0.00046	<0.00051
	1,2-Dibromo-3-chloropropane	EPA 8260	0.0000864	RSL	mg/kg	<0.0018	<0.0017	<0.0018	<0.0018	<0.0018	<0.0018	<0.0020	<0.0019	<0.0021
	4-Methyl-2-pentanone	EPA 8260			mg/kg	<0.0022	<0.0022	<0.0023	<0.0022	<0.0023	0.0022 UJ	<0.0025	<0.0023	<0.0026
	tert Butyl alcohol	EPA 8260			mg/kg	<0.0088	<0.0087	<0.0092	<0.0090	<0.0091	<0.0090	<0.010	<0.0093	<0.010
	tert-Butylbenzene	EPA 8260	1.55	RSL	mg/kg	<0.00088	<0.00087	<0.00092	<0.00090	<0.00091	<0.00090	<0.0010	<0.00093	<0.0010
	1,1,2-Trichloro-1,2,2-trifluoroethane	EPA 8260			mg/kg	<0.0044	<0.0043	<0.0046	<0.0045	<0.0046	<0.0045	<0.0050	<0.0046	<0.0051

**Notes:**

ft bgs: feet below ground surface

FD: Field Duplicate

Above Screening Level

bold value: detection

Soil screening levels were selected according to the following hierarchy of criteria:

1. Basic Comparison Level (BCL): Leaching-based basic comparison levels (LBCL) with dilution attenuation factor (DAF) of 1 in the most recent version of Nevada Division of Environmental Protection (NDEP) documents (February 2015).
2. Regional Screening Level (RSL): United States Environmental Protection Agency (USEPA) Regional Screening Levels (RSL) for groundwater protection (June 2015), with the maximum contaminant level (MCL) based screening levels selected over the risk-based screening levels, if available (USEPA 2015)
3. Calculated Criteria (CAL): Generic leaching-based BCLs (LBCLs) calculated using the approach presented in NDEP guidance (NDEP 2015).

**Sources:**

NDEP, 2015. User's Guide and Background Technical Document for NDEP Basic

Comparison Levels (BCLs) for Human Health for the BMI Complex and

Common Areas. Revision 13, February.

USEPA, 2015. Regional Screening Levels (RSL) for Chemical Contaminants at Superfund Sites. June.



**TABLE A-7b. GRAB GROUNDWATER ANALYICAL RESULTS IN BORINGS - AREAS 7 AND 8**  
**RI Data Compilation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Residential Screening Levels		Unit	RISB-53		RISB-54	RISB-55	RISB-56		RISB-57
			Level	Source		27.5-30 ft bgs	27.5-30 ft bgs	38.8-39.8 ft bgs	41.6-43 ft bgs	42.8-45 ft bgs	42.8-45 ft bgs	41.2-45 ft bgs
						RISB-53-GW-20141107	RISB-53-GW-20141107-FD	RISB-54-GW-20141117	RISB-55-GW-20141114	RISB-56-GW-20141104	RISB-56-GW-20141104-FD	RISB-57-GW-20141103
VOCs	Benzene	EPA 8260	5	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	Bromobenzene	EPA 8260	85.2	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	0.25 UJ
	Bromochloromethane	EPA 8260	83	RSL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	Bromodichloromethane	EPA 8260	80	MCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	Bromoform	EPA 8260	80	MCL	µg/l	<0.25	<0.25	<0.40	<b>4.1 J</b>	<0.25	<0.25	0.25 UJ
	Bromomethane	EPA 8260	8.53	BCL	µg/l	<0.25	<0.25	<0.25	0.25 UJ	<0.25	<0.25	<0.25
	2-Butanone	EPA 8260	6,860	BCL	µg/l	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5 UJ
	n-Butylbenzene	EPA 8260	238	BCL	µg/l	<0.40	<0.40	0.40 UJ	<0.40	<0.40	<0.40	<0.40
	sec-Butylbenzene	EPA 8260	238	BCL	µg/l	<0.25	<0.25	0.25 UJ	<0.25	<0.25	<0.25	<0.25
	Carbon tetrachloride	EPA 8260	5	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	0.25 UJ
	Chlorobenzene	EPA 8260	100	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	Chloroethane	EPA 8260	26.9	BCL	µg/l	<0.25	<0.25	<0.40	0.40 UJ	<0.25	<0.25	<0.25
	Chloroform	EPA 8260	80	MCL	µg/l	<b>80</b>	<b>64</b>	<b>28</b>	<b>79</b>	<b>440</b>	<b>430</b>	<b>89 J</b>
	Chloromethane	EPA 8260	3.12	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	2-Chlorotoluene	EPA 8260	90.2	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	4-Chlorotoluene	EPA 8260	250	RSL	µg/l	<0.25	<0.25	<0.25	<0.25	--	--	--
	Cumene	EPA 8260	667	BCL	µg/l	<0.25	<0.25	0.25 UJ	<0.25	<0.25	<0.25	<0.25
	p-Cymene	EPA 8260	834	BCL	µg/l	<0.25	<0.25	0.25 UJ	<0.25	<0.25	<0.25	<0.25
	Dibromochloromethane	EPA 8260	80	MCL	µg/l	<0.25	<0.25	<0.25	<b>0.40 J</b>	<0.25	<0.25	<0.25
	1,2-Dibromoethane	EPA 8260	0.05	MCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	Dibromomethane	EPA 8260	8.14	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	1,2-Dichlorobenzene	EPA 8260	600	MCL	µg/l	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
	1,3-Dichlorobenzene	EPA 8260	80.7	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	1,4-Dichlorobenzene	EPA 8260	75	MCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	Dichlorodifluoromethane	EPA 8260	393	BCL	µg/l	0.25 UJ	0.25 UJ	0.25 UJ	0.25 UJ	0.25 UJ	0.25 UJ	<0.25
	1,1-Dichloroethane	EPA 8260	2.79	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	1,2-Dichloroethane	EPA 8260	5	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	1,1-Dichloroethene	EPA 8260	7	MCL	µg/l	<b>2.9</b>	<b>2.6</b>	<b>0.43 J</b>	<b>0.43 J</b>	<0.25	<0.25	<0.25
	cis-1,2-Dichloroethene	EPA 8260	70	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	trans-1,2-Dichloroethene	EPA 8260	100	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	1,2-Dichloropropane	EPA 8260	5	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	1,3-Dichloropropane	EPA 8260	8.24	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	2,2-Dichloropropane	EPA 8260			µg/l	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	0.25 UJ
	1,1-Dichloropropene	EPA 8260			µg/l	<0.25	<0.25	0.25 UJ	<0.25	<0.25	<0.25	0.25 UJ
	cis-1,3-Dichloropropene	EPA 8260			µg/l	<0.25	<0.25	0.25 UJ	<0.25	<0.25	<0.25	0.25 UJ
	trans-1,3-Dichloropropene	EPA 8260			µg/l	<0.25	<0.25	0.25 UJ	<0.25	<0.25	<0.25	0.25 UJ
	Ethyl benzene	EPA 8260	700	MCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	Ethyl tert-butyl ether	EPA 8260			µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	0.25 UJ
	Hexachlorobutadiene	EPA 8260	0.999	BCL	µg/l	<0.25	<0.25	<0.25	0.25 UJ	<0.25	<0.25	<0.25
	Methylene chloride	EPA 8260	5	BCL	µg/l	<0.88	<0.88	<0.88	<0.88	<0.88	<0.88	<0.88
Naphthalene	EPA 8260	0.165	BCL	µg/l	<0.40	<0.40	0.40 UJ	<0.40	<0.40	<0.40	0.40 UJ	
n-Propylbenzene	EPA 8260	238	BCL	µg/l	<0.25	<0.25	0.25 UJ	<0.25	<0.25	<0.25	<0.25	
Styrene	EPA 8260	100	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	
1,1,1,2-Tetrachloroethane	EPA 8260	0.605	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	0.25 UJ	
1,1,1,2,2-Tetrachloroethane	EPA 8260	0.0775	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	
Tetrachloroethene	EPA 8260	5	BCL	µg/l	<b>0.32 J</b>	<b>0.27 J</b>	<0.25	0.25 UJ	<b>0.62</b>	<b>0.61</b>	<b>0.47 J</b>	
Toluene	EPA 8260	1,000	MCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	
1,2,3-Trichlorobenzene	EPA 8260	7	RSL	µg/l	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	
1,2,4-Trichlorobenzene	EPA 8260	70	MCL	µg/l	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	

**TABLE A-7b. GRAB GROUNDWATER ANALYTICAL RESULTS IN BORINGS - AREAS 7 AND 8**  
**RI Data Compilation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Residential Screening Levels		Unit	RISB-53		RISB-54	RISB-55	RISB-56		RISB-57
			Level	Source		27.5-30 ft bgs	27.5-30 ft bgs	38.8-39.8 ft bgs	41.6-43 ft bgs	42.8-45 ft bgs	42.8-45 ft bgs	41.2-45 ft bgs
						RISB-53-GW-20141107	RISB-53-GW-20141107-FD	RISB-54-GW-20141117	RISB-55-GW-20141114	RISB-56-GW-20141104	RISB-56-GW-20141104-FD	RISB-57-GW-20141103
VOCs	1,1,1-Trichloroethane	EPA 8260	200	MCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	1,1,2-Trichloroethane	EPA 8260	5	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	Trichloroethene	EPA 8260	5	BCL	µg/l	<b>0.62</b>	<b>0.71</b>	<b>0.53</b>	<b>2.6</b>	<0.25	<0.25	<0.25
	Trichlorofluoromethane	EPA 8260	1,270	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	1,2,3-Trichloropropane	EPA 8260	0.0026	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	0.25 UJ
	1,2,4-Trimethylbenzene	EPA 8260	14.6	BCL	µg/l	<0.25	<0.25	0.25 UJ	<0.25	<0.25	<0.25	<0.25
	1,3,5-Trimethylbenzene	EPA 8260	14.5	BCL	µg/l	<0.25	<0.25	0.25 UJ	<0.25	<0.25	<0.25	0.25 UJ
	Vinyl chloride	EPA 8260	2	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	m,p-Xylene	EPA 8260			µg/l	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
	o-Xylene	EPA 8260	1,200	BCL	µg/l	<0.25	<0.25	0.25 UJ	<0.25	<0.25	<0.25	<0.25
	Xylenes (total)	EPA 8260	10,000	BCL	µg/l	--	--	--	--	<0.50	<0.50	--
	1,2-Dibromo-3-chloropropane	EPA 8260	0.2	MCL	µg/l	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.50 UJ
	tert Butyl alcohol	EPA 8260	62,600	BCL	µg/l	--	--	--	--	<5.0	<5.0	<5.0
	tert-Butylbenzene	EPA 8260	238	BCL	µg/l	<0.25	<0.25	0.25 UJ	<0.25	<0.25	<0.25	0.25 UJ
1,1,2-Trichloro-1,2,2-trifluoroethane	EPA 8260	58,900	BCL	µg/l	--	--	--	--	<0.50	<0.50	<0.50	

**Notes:**

ft bgs: feet below ground surface  
 FD: Field Duplicate  
 GW: Groundwater  
 Above Screening Level  
 bold value: detection

Groundwater screening levels were selected according to the following hierarchy of criteria:

1. Maximum Contaminant Level (MCL): Primary United States Environmental Protections Agency (USEPA) maximum contaminant level (40 CFR Part 141).
2. Basic Contaminant Level (BCL): Residential water basic comparison levels in NDEP February 2015 BCL Spreadsheet or Target Water Activities for radionuclides (NDEP 2015).
3. Regional Screening Level (RSL): Tap water regional screening levels in USEPA Pacific Southwest, Region 9, Regional Screening Levels Chemical Specific Parameters table, June 2015. The screening levels were selected as the minimal values of carcinogenic screening level and noncarcinogenic screening level (USEPA 2015).
4. 2<sup>nd</sup> Maximum Contaminant Level (2<sup>nd</sup> MCL): National Secondary Drinking Water Regulations (40 CFR Part 143).

**Sources:**

- NDEP, 2015. User's Guide and Background Technical Document for NDEP Basic Comparison Levels (BCLs) for Human Health for the BMI Complex and Common Areas. Revision 13, February.
- USEPA, 2015. Regional Screening Levels (RSL) for Chemical Contaminants at Superfund Sites. June.
- USEPA. National Primary Drinking Water Regulations. Code of Federal Regulations, 40 CFR Part 141.
- USEPA. National Secondary Drinking Water Regulations. Code of Federal Regulations, 40 CFR Part 143.

**TABLE A-8. SOIL ANALYTICAL RESULTS IN BORINGS - NEW OFF-SITE WELLS**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	PC-152
			Level	Source		30-30.5 ft bgs PC-152-30.0-20141216
Chlorates	Perchlorate	EPA 314.0	0.0185	BCL	mg/kg	<0.16
VOCs	Acetone	EPA 8260	0.8	BCL	mg/kg	0.013 UJ
	t-Amyl methyl ether	EPA 8260			mg/kg	<0.0017
	Benzene	EPA 8260	0.002	BCL	mg/kg	<b>0.019</b>
	Bromobenzene	EPA 8260	0.0421	RSL	mg/kg	<0.0017
	Bromochloromethane	EPA 8260			mg/kg	<0.0017
	Bromodichloromethane	EPA 8260	0.03	BCL	mg/kg	<0.00083
	Bromoform	EPA 8260	0.04	BCL	mg/kg	<0.0017
	Bromomethane	EPA 8260	0.01	BCL	mg/kg	<0.0017
	2-Butanone	EPA 8260	1.16	RSL	mg/kg	<0.0083
	n-Butylbenzene	EPA 8260	3.23	RSL	mg/kg	<0.0017
	sec-Butylbenzene	EPA 8260	5.87	RSL	mg/kg	<0.0017
	Carbon tetrachloride	EPA 8260	0.003	BCL	mg/kg	<0.00083
	Chlorobenzene	EPA 8260	0.07	BCL	mg/kg	<b>1.6</b>
	Chloroethane	EPA 8260	5.92	RSL	mg/kg	<0.0017
	Chloroform	EPA 8260	0.03	BCL	mg/kg	<b>0.021</b>
	Chloromethane	EPA 8260	0.0486	RSL	mg/kg	<0.0017
	2-Chlorotoluene	EPA 8260	0.231	RSL	mg/kg	<0.0017
	4-Chlorotoluene	EPA 8260	0.241	RSL	mg/kg	<0.0017
	Cumene	EPA 8260	0.738	RSL	mg/kg	<0.00083
	p-Cymene	EPA 8260	3.91	CAL	mg/kg	<0.00083
	Dibromochloromethane	EPA 8260	0.02	BCL	mg/kg	<0.00083
	1,2-Dibromoethane	EPA 8260	0.0000141	RSL	mg/kg	<0.00083
	Dibromomethane	EPA 8260	0.00197	RSL	mg/kg	<0.00083
	1,2-Dichlorobenzene	EPA 8260	0.9	BCL	mg/kg	<b>0.11</b>
	1,3-Dichlorobenzene	EPA 8260	0.0473	CAL	mg/kg	<b>0.0055</b>
	1,4-Dichlorobenzene	EPA 8260	0.1	BCL	mg/kg	<b>0.16</b>
	Dichlorodifluoromethane	EPA 8260	0.304	RSL	mg/kg	0.0017 UJ
	1,1-Dichloroethane	EPA 8260	1	BCL	mg/kg	<b>0.020</b>
	1,2-Dichloroethane	EPA 8260	0.001	BCL	mg/kg	<b>0.0082</b>
	1,1-Dichloroethene	EPA 8260	0.003	BCL	mg/kg	<0.00083
	cis-1,2-Dichloroethene	EPA 8260	0.02	BCL	mg/kg	<0.00083
	trans-1,2-Dichloroethene	EPA 8260	0.03	BCL	mg/kg	<0.00083
	1,2-Dichloropropane	EPA 8260	0.001	BCL	mg/kg	<0.00083
	1,3-Dichloropropane	EPA 8260	0.001	BCL	mg/kg	<0.00083
2,2-Dichloropropane	EPA 8260			mg/kg	<0.0017	
1,1-Dichloropropene	EPA 8260			mg/kg	<0.00083	
cis-1,3-Dichloropropene	EPA 8260			mg/kg	<0.00083	
trans-1,3-Dichloropropene	EPA 8260			mg/kg	<0.00083	
Diisopropyl ether	EPA 8260			mg/kg	<0.0017	
Ethyl benzene	EPA 8260	0.7	BCL	mg/kg	<b>0.0024</b>	
Ethyl tert-butyl ether	EPA 8260			mg/kg	<0.0017	
Hexachlorobutadiene	EPA 8260	0.1	BCL	mg/kg	<0.0017	
2-Hexanone	EPA 8260			mg/kg	0.0083 UJ	
Methyl tert-butyl ether	EPA 8260			mg/kg	<0.0017	
Methylene chloride	EPA 8260	0.001	BCL	mg/kg	<0.0083	
Naphthalene	EPA 8260	4	BCL	mg/kg	<0.0017	
n-Propylbenzene	EPA 8260	1.22	RSL	mg/kg	<0.00083	
Styrene	EPA 8260	0.2	BCL	mg/kg	<0.00083	

**TABLE A-8. SOIL ANALYTICAL RESULTS IN BORINGS - NEW OFF-SITE WELLS**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Leaching-based Screening Levels		Unit	PC-152
			Level	Source		30-30.5 ft bgs PC-152-30.0-20141216
VOCs	1,1,1,2-Tetrachloroethane	EPA 8260	0.000218	RSL	mg/kg	<0.0017
	1,1,2,2-Tetrachloroethane	EPA 8260	0.0002	BCL	mg/kg	<0.0017
	Tetrachloroethene	EPA 8260	0.003	BCL	mg/kg	<b>0.0012 J</b>
	Toluene	EPA 8260	0.6	BCL	mg/kg	<0.00083
	1,2,3-Trichlorobenzene	EPA 8260	0.0209	RSL	mg/kg	<0.0017
	1,2,4-Trichlorobenzene	EPA 8260	0.3	BCL	mg/kg	<0.0017
	1,1,1-Trichloroethane	EPA 8260	0.1	BCL	mg/kg	<0.00083
	1,1,2-Trichloroethane	EPA 8260	0.0009	BCL	mg/kg	<0.00083
	Trichloroethene	EPA 8260	0.003	BCL	mg/kg	<0.00083
	Trichlorofluoromethane	EPA 8260	0.731	RSL	mg/kg	<0.0017
	1,2,3-Trichloropropane	EPA 8260	0.00000323	RSL	mg/kg	<0.0017
	1,2,4-Trimethylbenzene	EPA 8260	0.0212	RSL	mg/kg	<0.0017
	1,3,5-Trimethylbenzene	EPA 8260	0.167	RSL	mg/kg	<0.0017
	Vinyl chloride	EPA 8260	0.0007	BCL	mg/kg	<0.0017
	m,p-Xylene	EPA 8260			mg/kg	<0.0017
	o-Xylene	EPA 8260	9	BCL	mg/kg	<0.00083
	1,2-Dibromo-3-chloropropane	EPA 8260	0.0000864	RSL	mg/kg	0.0033 UJ
4-Methyl-2-pentanone	EPA 8260			mg/kg	<0.0041	
tert Butyl alcohol	EPA 8260			mg/kg	<0.017	
tert-Butylbenzene	EPA 8260	1.55	RSL	mg/kg	<0.0017	

**Notes:**

ft bgs: feet below ground surface

FD: Field Duplicate

Above Screening Level

bold value: detection

Soil screening levels were selected according to the following hierarchy of criteria:

1. Basic Comparison Level (BCL): Leaching-based basic comparison levels (LBCL) with dilution attenuation factor (DAF) of 1 in the most recent version of Nevada Division of Environmental Protection (NDEP) documents (February 2015).
2. Regional Screening Level (RSL): United States Environmental Protection Agency (USEPA) Regional Screening Levels (RSL) for groundwater protection (June 2015), with the maximum contaminant level (MCL) based screening levels selected over the risk-based screening levels, if available (USEPA 2015)
3. Calculated Criteria (CAL): Generic leaching-based BCLs (LBCLs) calculated using the approach presented in NDEP guidance (NDEP 2015).

**Sources:**

NDEP, 2015. User's Guide and Background Technical Document for NDEP Basic

Comparison Levels (BCLs) for Human Health for the BMI Complex and Common Areas. Revision 13, February.

USEPA, 2015. Regional Screening Levels (RSL) for Chemical Contaminants at Superfund Sites. June.

Technical Memorandum,  
Remedial Investigation Data Evaluation  
Nevada Environmental Response Trust Site  
Henderson, Nevada

## **APPENDIX B**

### **RI DATA GAP INVESTIGATION RESULTS: GROUNDWATER AND SOIL GAS ANALYTICAL DATA TABLES**

**TABLE B-1. GROUNDWATER ANALYICAL RESULTS IN ON-SITE WELLS**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Residential Screening Levels		Unit	H-28	M-10	M-11	M-115	M-117	M-118	M-120	M-121	M-123	M-124	M-125	M-126	
			Level	Source		03-12-2015	05-05-2015	01-30-2015	02-03-2015	01-16-2015	01-20-2015	01-20-2015	01-16-2015	01-27-2015	01-29-2015	01-27-2015	02-06-2015	02-06-2015
						H-28-20150312	M-10-20150505	M-11-20150130	M-115-20150203	M-117-20150116	M-118-20150120	M-120-20150120	M-121-20150116	M-123-20150127	M-124-20150129	M-125-20150127	M-126-20150206	M-126-20150206-FD
Chlorates	Chlorate	EPA 300.1	1,000	BCL	µg/l	<50	<b>23,000</b>	<b>190,000</b>	<b>14,000 J</b>	<10	<20	<b>50</b>	<b>24,000</b>	<100	<b>18,000</b>	<50	<100	<100
	Perchlorate	EPA 314.0	18	BCL	µg/l	<500	<b>4,100</b>	<b>16,000</b>	<b>20,000</b>	<0.95	<0.95	<b>51</b>	<b>3,300</b>	<b>300</b>	<b>1,700</b>	<b>290</b>	<95	<95
Common Metals	Aluminum	EPA 200.7	0.05	BCL	mg/l	<0.050	<b>0.044 J</b>	0.025 UJ	<0.025	<b>0.031 J</b>	<0.025	<0.025	0.025 UJ	<b>0.094</b>	<0.025	<0.13	<0.050	<0.050
	Antimony	EPA 200.8	0.006	MCL	mg/l	--	--	--	--	<0.0025	<0.00050	<0.00050	<0.01	--	--	--	--	--
	Arsenic	EPA 200.8	0.01	MCL	mg/l	<b>0.19</b>	<b>0.0034</b>	<b>0.15</b>	<b>0.1</b>	<b>0.014</b>	<b>0.053</b>	<b>0.17</b>	<b>0.1</b>	<b>0.054</b>	<b>0.068</b>	<b>0.06</b>	<b>0.033</b>	<b>0.034</b>
	Barium	EPA 200.7	2	MCL	mg/l	--	--	--	--	<b>0.021 J</b>	<b>0.022</b>	<b>0.039</b>	<b>0.022 J</b>	--	--	--	--	--
	Boron	EPA 200.7	6.67	BCL	mg/l	<b>2.4</b>	<b>2.7</b>	<b>6.1</b>	<b>2.1</b>	<b>0.83</b>	<b>0.77</b>	<b>0.80</b>	<b>3.7</b>	<b>3.4</b>	<b>2.0 J</b>	<b>2.2</b>	<b>1.9</b>	<b>1.9</b>
	Cadmium	EPA 200.7	0.005	MCL	mg/l	--	--	--	--	<0.0020	<0.0020	<0.0020	<0.0020	--	--	--	--	--
	Chromium (total)	EPA 200.7	0.1	MCL	mg/l	<b>0.0071 J</b>	<b>0.0064</b>	<b>1.2</b>	<b>0.029</b>	<b>0.017</b>	<b>0.015</b>	<b>0.0044 J</b>	<b>0.14</b>	<b>0.0028 J</b>	<b>0.024</b>	<b>0.097</b>	<b>0.0058 J</b>	<b>0.0063 J</b>
	Cobalt	EPA 200.7	0.01	BCL	mg/l	<b>0.0069 J</b>	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.013	<0.0050	<0.0050
	Copper	EPA 200.7	1.3	MCL	mg/l	--	--	--	--	<0.0050	<0.0050	<0.0050	<0.0050	--	--	--	--	--
	Iron	EPA 200.7	0.3	BCL	mg/l	<b>0.52</b>	<b>43</b>	<b>0.31</b>	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.050	<0.020	<0.020
	Lead	EPA 200.7	0.015	MCL	mg/l	<0.0050	<b>0.0030 J</b>	<0.0025	<0.0025	<0.0025	<0.0025	<b>0.0067</b>	<0.0025	<0.0025	<0.0025	<0.013	<b>0.015</b>	<b>0.012</b>
	Magnesium	EPA 200.7	189	BCL	mg/l	<b>740</b>	<b>79</b>	<b>38</b>	<b>96</b>	<b>19</b>	<b>21</b>	<b>110</b>	<b>93</b>	<b>300</b>	<b>140</b>	<b>460</b>	<b>830</b>	<b>810</b>
	Manganese	EPA 200.7	0.02	BCL	mg/l	<b>2.0</b>	<b>2.1</b>	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<b>0.036</b>	<0.010	<0.050	<b>1.3</b>	<b>1.3</b>
	Mercury	EPA 7470	0.002	BCL	mg/l	--	--	--	--	<0.00010	<0.00010	<0.00010	<b>0.00014 J</b>	--	--	--	--	--
Nickel	EPA 200.7	0.667	BCL	mg/l	--	--	--	--	<0.0050	<0.0050	<0.0050	<0.0050	--	--	--	--	--	
Zinc	EPA 200.7	10	BCL	mg/l	--	--	--	--	<b>0.015 J</b>	<0.010	<0.010	<0.010	--	--	--	--	--	
Hexavalent Chromium	Chromium VI	EPA 218.6	100	BCL	µg/l	<0.25	<0.25	<b>1,200 J</b>	<b>28</b>	<b>16 J</b>	<b>14</b>	<b>3.8</b>	<b>140 J</b>	<0.25	<b>23</b>	<0.25	0.25 UJ	0.25 UJ
Rare Metals	Strontium	EPA 200.7	20	BCL	mg/l	<b>26</b>	<b>3.9</b>	<b>1.2</b>	<b>4.5</b>	<b>1.0 J</b>	<b>1.2</b>	<b>4.4</b>	<b>4.9 J</b>	<b>14</b>	<b>7.9</b>	<b>24</b>	<b>35</b>	<b>36</b>
	Tungsten	EPA 200.7	0.25	BCL	mg/l	<1.0 R	<0.50 R	<0.50 R	<0.50 R	<0.50 R	<0.50	<0.50	<0.50 R	<0.50 R	<0.50 R	<2.5 R	<1.0	<1.0
	Vanadium	EPA 200.7	0.167	BCL	mg/l	--	--	--	--	<b>0.031</b>	<b>0.032</b>	<b>0.023</b>	<b>0.030</b>	--	--	--	--	--
VOCs	Benzene	EPA 8260	5	BCL	µg/l	<b>5.0</b>	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<b>7,600</b>	<0.25	<b>4,500</b>	<b>1,900</b>	<b>1,900</b>
	Bromobenzene	EPA 8260	85.2	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<25	<0.25	<10	<13	<13
	Bromochloromethane	EPA 8260	83	RSL	µg/l	<0.25	<0.25	<0.25	<0.25	0.25 UJ	<0.25	<0.25	0.25 UJ	<25	<0.25	<10	<13	<13
	Bromodichloromethane	EPA 8260	80	MCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<b>0.32 J</b>	<0.25	<25	<0.25	<10	<13	<13
	Bromoform	EPA 8260	80	MCL	µg/l	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<40	0.40 UJ	<16	<20	<20
	Bromomethane	EPA 8260	8.53	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<25	<0.25	<10	<13	<13
	2-Butanone	EPA 8260	6,860	BCL	µg/l	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	250 UJ	2.5 UJ	100 UJ	<130	<130
	n-Butylbenzene	EPA 8260	238	BCL	µg/l	0.40 UJ	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<40	<0.40	<16	<20	<20
	sec-Butylbenzene	EPA 8260	238	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<25	<0.25	<10	<13	<13
	Carbon tetrachloride	EPA 8260	5	BCL	µg/l	<0.25	<0.25	<0.25	<b>0.66</b>	<0.25	<0.25	<0.25	<0.25	<b>350</b>	<b>6.3</b>	<b>52</b>	<13	<13
	Chlorobenzene	EPA 8260	100	BCL	µg/l	<b>1,100</b>	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<b>22,000</b>	<0.25	<b>17,000</b>	<b>2,400</b>	<b>2,200</b>
	Chloroethane	EPA 8260	26.9	BCL	µg/l	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<40	<0.40	<16	<20	<20
	Chloroform	EPA 8260	80	MCL	µg/l	<b>0.61</b>	<b>16</b>	<b>55</b>	<b>42</b>	<0.25	<0.25	<b>3.8</b>	<b>3.1</b>	<b>11,000</b>	<b>350</b>	<b>17,000</b>	<b>16,000</b>	<b>16,000</b>
	Chloromethane	EPA 8260	3.12	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<25	<0.25	<10	13 UJ	13 UJ
	2-Chlorotoluene	EPA 8260	90.2	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<25	<0.25	<10	<13	<13
	4-Chlorotoluene	EPA 8260	250	RSL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<25	<0.25	<10	<13	<13
	Cumene	EPA 8260	667	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<25	<0.25	<10	<13	<13
	p-Cymene	EPA 8260	834	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<25	<0.25	<10	<13	<13
	Dibromochloromethane	EPA 8260	80	MCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<25	<0.25	<10	<13	<13
	1,2-Dibromoethane	EPA 8260	0.05	MCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<25	<0.25	<10	<13	<13
	Dibromomethane	EPA 8260	8.14	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<25	<0.25	<10	<13	<13
	1,2-Dichlorobenzene	EPA 8260	600	MCL	µg/l	<b>12</b>	<0.25	<0.25	<0.25	<0.50	<0.50	<0.50	<0.50	<b>820</b>	<0.25	<b>25</b>	<b>510</b>	<b>470</b>
	1,2-Dichlorobenzene	EPA 8270	600	MCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene	EPA 8260	80.7	BCL	µg/l	<b>0.43 J</b>	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<b>44 J</b>	<0.25	<10	<b>36</b>	<b>29</b>	
1,4-Dichlorobenzene	EPA 8260	75	MCL	µg/l	<b>16</b>	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<b>1,500</b>	<0.25	<b>41</b>	<b>720</b>	<b>650</b>	
1,4-Dichlorobenzene	EPA 8270	75	MCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	

**TABLE B-1. GROUNDWATER ANALYICAL RESULTS IN ON-SITE WELLS**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Residential Screening Levels		Unit	H-28	M-10	M-11	M-115	M-117	M-118	M-120	M-121	M-123	M-124	M-125	M-126		
			03-12-2015	05-05-2015		01-30-2015	02-03-2015	01-16-2015	01-20-2015	01-20-2015	01-16-2015	01-27-2015	01-29-2015	01-27-2015	02-06-2015	02-06-2015			
			H-28-20150312	M-10-20150505		M-11-20150130	M-115-20150203	M-117-20150116	M-118-20150120	M-120-20150120	M-121-20150116	M-123-20150127	M-124-20150129	M-125-20150127	M-126-20150206	M-126-20150206-FD			
		Level	Source																
VOCs	Dichlorodifluoromethane	EPA 8260	393	BCL	µg/l	0.25 UJ	<0.25	0.25 UJ	0.25 UJ	<0.25	0.25 UJ	0.25 UJ	<0.25	25 UJ	0.25 UJ	10 UJ	13 UJ	13 UJ	
	1,1-Dichloroethane	EPA 8260	2.79	BCL	µg/l	17	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<25	<0.25	<10	<13	<13	
	1,2-Dichloroethane	EPA 8260	5	BCL	µg/l	10	<0.25	<0.25	0.25 UJ	0.25 UJ	<0.25	<0.25	0.25 UJ	<25	<0.25	<10	<13	<13	
	1,1-Dichloroethene	EPA 8260	7	MCL	µg/l	<0.25	<0.25	<0.25	3.1	<0.25	<0.25	<0.25	<0.25	<25	0.25 J	<10	<13	<13	
	cis-1,2-Dichloroethene	EPA 8260	70	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<25	<0.25	<10	<13	<13	
	trans-1,2-Dichloroethene	EPA 8260	100	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<25	<0.25	<10	<13	<13	
	1,2-Dichloropropane	EPA 8260	5	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<25	<0.25	<10	<13	<13	
	1,3-Dichloropropane	EPA 8260	8.24	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<25	<0.25	<10	<13	<13	
	2,2-Dichloropropane	EPA 8260			µg/l	0.40 UJ	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<40	0.40 UJ	<16	<20	<20	
	1,1-Dichloropropene	EPA 8260			µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<25	<0.25	<10	<13	<13	
	cis-1,3-Dichloropropene	EPA 8260			µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<25	<0.25	<10	<13	<13	
	trans-1,3-Dichloropropene	EPA 8260			µg/l	<0.25	<0.25	0.25 UJ	<0.25	<0.25	<0.25	<0.25	<0.25	<25	<0.25	<10	13 UJ	13 UJ	
	1,4-Dioxane	EPA 8260BSIM	0.779	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	1,4-Dioxane	EPA 8260SIM	0.779	BCL	µg/l	0.89 J	<0.50	<0.50	1.4 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
	Ethyl benzene	EPA 8260	700	MCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<25	<0.25	<10	<13	<13	
	Ethyl tert-butyl ether	EPA 8260			µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<25	<0.25	<10	<13	<13	
	Hexachlorobutadiene	EPA 8260	0.999	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<25	0.25 UJ	<10	13 UJ	13 UJ	
	Methylene chloride	EPA 8260	5	BCL	µg/l	<0.88	<0.88	<0.88	<0.88	<0.88	0.88 UJ	0.88 UJ	<0.88	<88	<0.88	<35	<44	<44	
	Naphthalene	EPA 8260	0.165	BCL	µg/l	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<40	0.40 UJ	<16	20 UJ	20 UJ	
	n-Propylbenzene	EPA 8260	238	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<25	<0.25	<10	<13	<13	
	Styrene	EPA 8260	100	BCL	µg/l	<0.25	0.25 UJ	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<25	<0.25	<10	<13	<13	
	1,1,1,2-Tetrachloroethane	EPA 8260	0.605	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<25	<0.25	<10	<13	<13	
	1,1,1,2,2-Tetrachloroethane	EPA 8260	0.0775	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	25 UJ	0.25 UJ	10 UJ	<13	<13	
	Tetrachloroethene	EPA 8260	5	BCL	µg/l	2.1	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<25	83	0.26 J	<10	<13	<13
	Toluene	EPA 8260	1,000	MCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<25	<0.25	<10	<13	<13	
	1,2,3-Trichlorobenzene	EPA 8260	7	RSL	µg/l	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<40	0.40 UJ	<16	<20	<20	
	1,2,4-Trichlorobenzene	EPA 8260	70	MCL	µg/l	<0.40	<0.40	0.40 UJ	<0.40	<0.40	<0.40	<0.40	<0.40	<40	<0.40	<16	<20	<20	
	1,1,1-Trichloroethane	EPA 8260	200	MCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<25	<0.25	<10	<13	<13	
	1,1,2-Trichloroethane	EPA 8260	5	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<25	<0.25	<10	<13	<13	
	Trichloroethene	EPA 8260	5	BCL	µg/l	11	<0.25	<0.25	2.6	<0.25	<0.25	<0.25	<0.25	<25	4.1	<10	<13	<13	
	Trichlorofluoromethane	EPA 8260	1,270	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	100	<0.25	58	<13	<13	
	1,2,3-Trichloropropane	EPA 8260	0.0026	BCL	µg/l	<0.25	<0.25	0.25 UJ	0.31 J	<0.25	<0.25	<0.25	<0.25	25 UJ	0.25 UJ	10 UJ	<13	<13	
	1,2,3-Trichloropropane	EPA 8260BSIM	0.0026	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	
1,2,3-Trichloropropane	EPA 8260SIM	0.0026	BCL	µg/l	0.025 J	0.038	0.014	0.42	<0.0025	<0.0025	<0.0025	<0.0025	0.015	0.0097	0.020	0.011 J	0.011 J		
1,2,4-Trimethylbenzene	EPA 8260	14.6	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<25	<0.25	<10	<13	<13		
1,3,5-Trimethylbenzene	EPA 8260	14.5	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<25	<0.25	<10	<13	<13		
Vinyl chloride	EPA 8260	2	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<25	<0.25	<10	<13	<13		
m,p-Xylene	EPA 8260			µg/l	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<20	<25	<25		
o-Xylene	EPA 8260	1,200	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<25	<0.25	<10	<13	<13		
1,2-Dibromo-3-chloropropane	EPA 8260	0.2	MCL	µg/l	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	50 UJ	0.50 UJ	20 UJ	<25	<25		
tert-Butylbenzene	EPA 8260	238	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<25	<0.25	<10	13 UJ	13 UJ		
SVOCs	Acenaphthene	EPA 8270	6.24	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	
	Aniline	EPA 8270	13.7	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	
	Anthracene	EPA 8270	6.25	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	
	Benzidine	EPA 8270	0.000339	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	
	Benzo(k)fluoranthene	EPA 8270	1.07	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	
	Benzoic acid	EPA 8270	133,000	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	
	Benzyl alcohol	EPA 8270	16,700	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	

**TABLE B-1. GROUNDWATER ANALYICAL RESULTS IN ON-SITE WELLS**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Residential Screening Levels		Unit	H-28	M-10	M-11	M-115	M-117	M-118	M-120	M-121	M-123	M-124	M-125	M-126	
						03-12-2015	05-05-2015	01-30-2015	02-03-2015	01-16-2015	01-20-2015	01-20-2015	01-16-2015	01-27-2015	01-29-2015	01-27-2015	02-06-2015	02-06-2015
			Level	Source		H-28-20150312	M-10-20150505	M-11-20150130	M-115-20150203	M-117-20150116	M-118-20150120	M-120-20150120	M-121-20150116	M-123-20150127	M-124-20150129	M-125-20150127	M-126-20150206	M-126-20150206-FD
SVOCs	4-Bromophenyl-phenyl ether	EPA 8270			µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Butylbenzylphthalate	EPA 8270	41	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	4-Chloroaniline	EPA 8270	0.39	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	2-Chloronaphthalene	EPA 8270	2.08	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	2-Chlorophenol	EPA 8270	64.2	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	4-Chlorophenyl-phenyl ether	EPA 8270			µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Chrysene	EPA 8270	10.7	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Di-n-butylphthalate	EPA 8270	3,340	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Di-n-octylphthalate	EPA 8270	400	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Dibenz(a,h)anthracene	EPA 8270	0.0107	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Dibenzofuran	EPA 8270	66.7	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	1,3-Dichlorobenzene	EPA 8270	80.7	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	3,3'-Dichlorobenzidine	EPA 8270	0.173	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	2,4-Dichlorophenol	EPA 8270	100	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Diethylphthalate	EPA 8270	26,700	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	2,4-Dimethylphenol	EPA 8270	667	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Dimethylphthalate	EPA 8270	334,000	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	2,4-Dinitrophenol	EPA 8270	66.7	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	2,4-Dinitrotoluene	EPA 8270	0.251	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	2,6-Dinitrotoluene	EPA 8270	33.4	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	1,2-Diphenylhydrazine	EPA 8270	0.0974	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Fluoranthene	EPA 8270	1,330	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Fluorene	EPA 8270	6.23	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Hexachlorobenzene	EPA 8270	1	MCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Hexachlorobutadiene	EPA 8270	0.999	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Hexachlorocyclopentadiene	EPA 8270	50	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Hexachloroethane	EPA 8270	5.56	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Isophorone	EPA 8270	82	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	1-Methylnaphthalene	EPA 8270	1.1	RSL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	2-Methylnaphthalene	EPA 8270	36	RSL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	2-Methylphenol	EPA 8270	1,670	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	3&4-Methylphenol	EPA 8270			µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	4-Methylphenol	EPA 8270	167	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Naphthalene	EPA 8270	0.165	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	2-Nitroaniline	EPA 8270	100	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	3-Nitroaniline	EPA 8270			µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	4-Nitroaniline	EPA 8270	3.8	RSL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Nitrobenzene	EPA 8270	0.14	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	2-Nitrophenol	EPA 8270			µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	4-Nitrophenol	EPA 8270	267	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	n-Nitrosodiphenylamine	EPA 8270	15.9	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Octachlorostyrene	EPA 8270			µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Pentachlorophenol	EPA 8270	1	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Phenol	EPA 8270	10,000	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Pyrene	EPA 8270	6.22	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	EPA 8270	70	MCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	
2,4,5-Trichlorophenol	EPA 8270	3,340	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	
2,4,6-Trichlorophenol	EPA 8270	7.08	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	



**TABLE B-1. GROUNDWATER ANALYICAL RESULTS IN ON-SITE WELLS**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Residential Screening Levels		Unit	H-28	M-10	M-11	M-115	M-117	M-118	M-120	M-121	M-123	M-124	M-125	M-126	
			Level	Source		03-12-2015	05-05-2015	01-30-2015	02-03-2015	01-16-2015	01-20-2015	01-20-2015	01-16-2015	01-27-2015	01-29-2015	01-27-2015	02-06-2015	02-06-2015
						H-28-20150312	M-10-20150505	M-11-20150130	M-115-20150203	M-117-20150116	M-118-20150120	M-120-20150120	M-121-20150116	M-123-20150127	M-124-20150129	M-125-20150127	M-126-20150206	M-126-20150206-FD
SVOCs	bis(2-Chloro-1-methylethyl) ether	EPA 8270	0.373	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	bis(2-Chloroethoxy)methane	EPA 8270	59	RSL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	bis(2-Chloroethyl) ether	EPA 8270	0.0137	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	bis(2-Ethylhexyl)phthalate	EPA 8270	6	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	4,6-Dinitro-2-methylphenol	EPA 8270			µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	4-Chloro-3-methylphenol	EPA 8270	1,400	RSL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	n-Nitroso-di-n-propylamine	EPA 8270	0.0111	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
Organo-chlorine Pesticides	Aldrin	EPA 8081	0.00458	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	0.0016 UJ	0.0016 UJ
	alpha-BHC	EPA 8081	10	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	0.0059 J	0.0026 UJ
	beta-BHC	EPA 8081	2	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	<0.0042	<0.0042
	delta-BHC	EPA 8081	10	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	0.048 J	0.057 J
	gamma-BHC	EPA 8081	0.2	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	0.11 J	0.13 J
	gamma-Chlordane	EPA 8081			µg/l	--	--	--	--	--	--	--	--	--	--	--	0.031 UJ	0.032 UJ
	4,4'-DDD	EPA 8081	0.325	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	<0.0042	<0.0042
	2,4'-DDE	EPA 8081			µg/l	--	--	--	--	--	--	--	--	--	--	--	<0.021	<0.021
	4,4'-DDE	EPA 8081	0.229	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	<0.0031	<0.0032
	4,4'-DDT	EPA 8081	0.229	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	<0.0042	<0.0042
	Dieldrin	EPA 8081	0.00487	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	<0.0021	<0.0021
	Endosulfan I	EPA 8081			µg/l	--	--	--	--	--	--	--	--	--	--	--	<0.0031	<0.0032
	Endosulfan II	EPA 8081			µg/l	--	--	--	--	--	--	--	--	--	--	--	<0.0021	<0.0021
	Endosulfan sulfate	EPA 8081			µg/l	--	--	--	--	--	--	--	--	--	--	--	<0.0031	<0.0032
	Endrin	EPA 8081	2	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	<0.0021	<0.0021
	Endrin aldehyde	EPA 8081			µg/l	--	--	--	--	--	--	--	--	--	--	--	<0.0021	<0.0021
	Endrin ketone	EPA 8081			µg/l	--	--	--	--	--	--	--	--	--	--	--	<0.0073	<0.0074
	Heptachlor	EPA 8081	0.4	MCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	0.0031 UJ	0.0032 UJ
Heptachlor epoxide	EPA 8081	0.2	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	0.0026 UJ	0.0026 UJ	
Methoxychlor	EPA 8081	40	MCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	<0.0037	<0.0037	
Toxaphene	EPA 8081	3	MCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	<0.26	<0.26	
PAHs	Acenaphthylene	EPA 8270	6.22	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Benzo(a)anthracene	EPA 8270	0.107	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Benzo(a)pyrene	EPA 8270	0.2	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Benzo(b)fluoranthene	EPA 8270	0.107	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Benzo(g,h,i)perylene	EPA 8270	1,000	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Indeno(1,2,3-cd)pyrene	EPA 8270	0.107	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Phenanthrene	EPA 8270	6.22	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
Radionuclides	Radium-226	EPA 903.0	5	BCL	pCi/l	<0.225	0.149	<0.177	0.254	<0.0881	0.106 J	0.174 J	<0.0835	0.621	0.406 J	0.428	2.82 J	2.75 J
	Radium-228	EPA 904.0	5	BCL	pCi/l	0.697	<0.394	0.389 J	<0.403	<0.318	<0.397	<0.411	<0.341	0.849	0.392 J	<0.246	2.44 J	2.59 J
	Thorium-228	DOE A-01-R	0.14	BCL	pCi/l	<0.712	<0.672	<0.505	0.936	<0.185	<0.183	<0.150	<0.200	<0.451	<0.631	<0.934	0.554 UJ	0.591 J
	Thorium-230	DOE A-01-R	0.05	BCL	pCi/l	0.739 J	0.711 J	0.911 J	1.40	0.151 J	<0.272	0.230	0.202 J	0.475	0.830 J	1.06	0.944 J	0.849 J
	Thorium-232	DOE A-01-R	0.17	BCL	pCi/l	<0.407	<0.269	<0.215	<0.531	<0.156	<0.228	<0.134	<0.0713	<0.243	<0.265	<0.699	<0.382	<0.235
	Uranium-233/234	DOE A-01-R			pCi/l	32.8	1.48	6.26	4.65	1.24	1.33	14.2	3.42	34.7	2.34	11.3	21.3	18.1
	Uranium-235/236	DOE A-01-R			pCi/l	0.808	<0.332	<0.647	<0.736	<0.0858	<0.138	0.367	<0.142	1.27	<0.435	0.412	0.391 J	0.515 UJ
	Uranium-238	DOE A-01-R			pCi/l	21.5	1.06	4.56	3.79	0.666	0.728	8.40	2.50	22.9	1.86	8.20	13.2	14.7
	Uranium-238	EPA 6020	30	BCL	µg/l	69	2.5 J	10	11 J	2.3	2.0 J	28	6.8	75	5.5	27	51	52
General Chemistry	Alkalinity (as CaCO3)	SM 2320			µg/l	--	--	--	--	80,000	70,000	120,000	83,000	--	--	--	--	--
	Ammonia (as N)	SM 4500-NH3			µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Ammonia (as N)	SM 4500			µg/l	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100
	Bicarbonate as HCO3	SM 2320			mg/l	--	--	--	--	97	86	140	100	--	--	--	--	--

**TABLE B-1. GROUNDWATER ANALYICAL RESULTS IN ON-SITE WELLS**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Residential Screening Levels		Unit	H-28	M-10	M-11	M-115	M-117	M-118	M-120	M-121	M-123	M-124	M-125	M-126		
			03-12-2015	05-05-2015		01-30-2015	02-03-2015	01-16-2015	01-20-2015	01-20-2015	01-16-2015	01-27-2015	01-29-2015	01-27-2015	02-06-2015	02-06-2015			
			H-28-20150312	M-10-20150505		M-11-20150130	M-115-20150203	M-117-20150116	M-118-20150120	M-120-20150120	M-121-20150116	M-123-20150127	M-124-20150129	M-125-20150127	M-126-20150206	M-126-20150206-FD			
			Level	Source															
General Chemistry	Bromide	EPA 300			mg/l	<1.3	3.1	<1.3	5.2	1.3	0.39 J	<0.5	1.6 J	<13	2.3	29	<5	<5	
	Calcium	EPA 200.7			mg/l	--	--	--	--	43	52	190	230	--	--	--	--	--	
	Carbon	EPA 5310			µg/l	--	--	--	--	<650	<650	720 J	780 J	--	--	--	--	--	
	Carbonate (CO3)	SM 2320			mg/l	--	--	--	--	<2.4	<2.4	<2.4	<2.4	--	--	--	--	--	
	Chloride	EPA 300	250	2 <sup>nd</sup> MCL	mg/l	4,800 J	280	180	320 J	130	140 J	160 J	170	5,200	410	4,500	5,600	5,800	
	Cyanide (total)	SM 4500-CN-E	0.2	BCL	mg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Dissolved Solids (total)	SM 2540C	500	2 <sup>nd</sup> MCL	mg/l	11,000	2,600	2,400	2,500	730	770	2,100	3,000	13,000	3,300	12,000	14,000	13,000	
	Hydroxide	SM 2320			mg/l	--	--	--	--	<1.4	<1.4	<1.4	<1.4	--	--	--	--	--	
	Nitrate (as NO3)	EPA 300			mg/l	<1.3	1.9	8.6	46 J	7.8	6.8	6.8	38	33	36 J	23	15 J	20 J	
	Nitrate/Nitrite	EPA 300			µg/l	<350	430	1,900	10,000 J	1,800	1,500	1,500	8,500	7,500	8,100 J	5,300	3,300 J	4,600 J	
	Nitrite	EPA 300	1	BCL	mg/l	<0.35	<0.14	<0.35	<0.14	<0.07	<0.07	<0.14	<0.35	<3.5	<0.14	<1.4	<1.4	<1.4	
	ortho-Phosphate (total) (as P)	EPA 300			mg/l	--	--	--	--	<0.08	<0.08	<0.16	<0.4	--	--	--	--	--	
	Phosphorus (total)	EPA 365.3	0.667	BCL	µg/l	60	<25	<25	<25	<25	<25	<25	<25	58 J	81	62 J	25 UJ	25 UJ	
	Potassium	EPA 200.7			mg/l	--	--	--	--	9.0	9.7	13	16	--	--	--	--	--	
	Sodium	EPA 200.7			mg/l	--	--	--	--	170	170	220	560	--	--	--	--	--	
Sulfate	EPA 300			mg/l	1,300 J	1,300	940	920	240	260	990	1,600	2,000 J	1,600	1,600	1,500	1,600		
Sulfide (total)	EPA 9034			mg/l	--	--	--	--	1.0 UJ	<1.0	<1.0	1.0 UJ	--	--	--	--	--		
OTHER	4-Chlorobenzenesulfonic acid	SW8321A	33,400	BCL	µg/l	--	--	--	--	--	--	--	--	--	130	2,400 J	2,300 J		

**Notes:**

ft bgs: feet below ground surface

FD: Field Duplicate

GW: Groundwater

Above Screening Level

bold value: detection

Groundwater screening levels were selected according to the following hierarchy of criteria:

1. Maximum Contaminant Level (MCL): Primary United States Environmental Protections Agency (USEPA) maximum contaminant level (40 CFR Part 141).
2. Basic Contaminant Level (BCL): Residential water basic comparison levels in NDEP February 2015 BCL Spreadsheet or Target Water Activities for radionuclides (NDEP 2015).
3. Regional Screening Level (RSL): Tap water regional screening levels in USEPA Pacific Southwest, Region 9, Regional Screening Levels Chemical Specific Parameters table, June 2015. The screening levels were selected as the minimal values of carcinogenic screening level and noncarcinogenic screening level (USEPA 2015).
4. 2<sup>nd</sup> Maximum Contaminant Level (2<sup>nd</sup> MCL): National Secondary Drinking Water Regulations (40 CFR Part 143).

**Sources:**

NDEP, 2015. User's Guide and Background Technical Document for NDEP Basic

Comparison Levels (BCLs) for Human Health for the BMI Complex and Common Areas. Revision 13, February.

USEPA, 2015. Regional Screening Levels (RSL) for Chemical Contaminants at Superfund Sites. June.

USEPA. National Primary Drinking Water Regulations. Code of Federal Regulations, 40 CFR Part 141.

USEPA. National Secondary Drinking Water Regulations. Code of Federal Regulations, 40 CFR Part 143.

**TABLE B-1. GROUNDWATER ANALYICAL RESULTS IN ON-SITE WELLS**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Residential Screening Levels		Unit	M-128	M-12A	M-13	M-132	M-133	M-134	M-135	M-136	M-137	M-138		M-139	M-140
			01-30-2015	01-20-2015		02-02-2015	02-04-2015	01-29-2015	02-05-2015	02-05-2015	02-05-2015	02-03-2015	02-03-2015	02-03-2015	02-04-2015	02-06-2015		
			Level	Source		M-128-20150130	M-12A-20150120	M-13-20150202	M-132-20150204	M-133-20150129	M-134-20150205	M-135-20150205	M-136-20150205	M-137-20150203	M-138-20150203	M-138-20150203-FD	M-139-20150204	M-140-20150206
Chlorates	Chlorate	EPA 300.1	1,000	BCL	µg/l	15,000	2,000,000	100,000 J	160,000	350,000	34,000	21,000	16,000	8,300 J	12,000 J	11,000 J	4,300	330,000
	Perchlorate	EPA 314.0	18	BCL	µg/l	6,600	240,000	14,000	18,000	42,000	85,000	44,000	80,000	920	1,400	1,500	790	1,200,000
Common Metals	Aluminum	EPA 200.7	0.05	BCL	mg/l	0.025 UJ	<0.025	<0.025	<0.025	0.026 J	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
	Antimony	EPA 200.8	0.006	MCL	mg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Arsenic	EPA 200.8	0.01	MCL	mg/l	0.074	0.46	0.024	0.02	0.024	0.035	0.12	0.033	0.16	0.24	0.25	0.19	0.11
	Barium	EPA 200.7	2	MCL	mg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Boron	EPA 200.7	6.67	BCL	mg/l	1.8	3.0	3.1	2.9	2.1 J	1.8	2.8	1.1	3.0	2.8	2.8	1.6	4.8
	Cadmium	EPA 200.7	0.005	MCL	mg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Chromium (total)	EPA 200.7	0.1	MCL	mg/l	0.036	11	0.017	0.40	0.88	0.15	0.061	0.073	0.057	0.064	0.065	0.018	1.0
	Cobalt	EPA 200.7	0.01	BCL	mg/l	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
	Copper	EPA 200.7	1.3	MCL	mg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Iron	EPA 200.7	0.3	BCL	mg/l	<0.010	0.059	2.3	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	0.010 J
	Lead	EPA 200.7	0.015	MCL	mg/l	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	0.0025 UJ	0.0025 UJ	0.0049 J	<0.0025	<0.0025	<0.0025	<0.0025	0.0076
	Magnesium	EPA 200.7	189	BCL	mg/l	120	11	110	81	260	140	120	52	76	76	75	100	220
	Manganese	EPA 200.7	0.02	BCL	mg/l	<0.010	<0.010	0.43	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	0.017 J
	Mercury	EPA 7470	0.002	BCL	mg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
Nickel	EPA 200.7	0.667	BCL	mg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	
Zinc	EPA 200.7	10	BCL	mg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	
Hexavalent Chromium	Chromium VI	EPA 218.6	100	BCL	µg/l	35 J	11,000	0.25 UJ	280 J	980 J	160 J	60	71 J	54	62	62	16 J	1,000 J
Rare Metals	Strontium	EPA 200.7	20	BCL	mg/l	5.3	1.3	5.5	4.3	13	6.5	5.9	2.6	2.9	2.2	2.2	4.7	11
	Tungsten	EPA 200.7	0.25	BCL	mg/l	<0.50 R	<0.50	<0.50 R	<0.50	<0.50 R	<0.50	<0.50	<0.50 R	<0.50 R	<0.50 R	<0.50 R	<0.50 R	<0.50 R
	Vanadium	EPA 200.7	0.167	BCL	mg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
VOCs	Benzene	EPA 8260	5	BCL	µg/l	<0.25	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	Bromobenzene	EPA 8260	85.2	BCL	µg/l	<0.25	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	Bromochloromethane	EPA 8260	83	RSL	µg/l	<0.25	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	Bromodichloromethane	EPA 8260	80	MCL	µg/l	<0.25	<0.50	<0.25	<0.25	<0.25	0.25 UJ	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	0.27 J
	Bromoform	EPA 8260	80	MCL	µg/l	<0.40	<0.80	<0.40	<0.40	0.40 UJ	0.40 UJ	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	1.2
	Bromomethane	EPA 8260	8.53	BCL	µg/l	<0.25	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	2-Butanone	EPA 8260	6,860	BCL	µg/l	<2.5	<5.0	<2.5	<2.5	2.5 UJ	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
	n-Butylbenzene	EPA 8260	238	BCL	µg/l	<0.40	<0.80	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
	sec-Butylbenzene	EPA 8260	238	BCL	µg/l	<0.25	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	Carbon tetrachloride	EPA 8260	5	BCL	µg/l	0.89	<0.50	<0.25	<0.25	0.51	0.58	0.78	<0.25	<0.25	<0.25	<0.25	<0.25	0.40 J
	Chlorobenzene	EPA 8260	100	BCL	µg/l	<0.25	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	Chloroethane	EPA 8260	26.9	BCL	µg/l	<0.40	<0.80	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
	Chloroform	EPA 8260	80	MCL	µg/l	56	560	17	57	290	140	120	12	1.3	3.0	3.0	0.48 J	100
	Chloromethane	EPA 8260	3.12	BCL	µg/l	<0.25	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	0.25 UJ	<0.25	<0.25	<0.25	<0.25	0.25 UJ
	2-Chlorotoluene	EPA 8260	90.2	BCL	µg/l	<0.25	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	4-Chlorotoluene	EPA 8260	250	RSL	µg/l	<0.25	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	Cumene	EPA 8260	667	BCL	µg/l	<0.25	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	p-Cymene	EPA 8260	834	BCL	µg/l	<0.25	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	Dibromochloromethane	EPA 8260	80	MCL	µg/l	<0.25	<0.50	<0.25	<0.25	<0.25	0.25 UJ	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	1,2-Dibromoethane	EPA 8260	0.05	MCL	µg/l	<0.25	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	Dibromomethane	EPA 8260	8.14	BCL	µg/l	<0.25	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	1,2-Dichlorobenzene	EPA 8260	600	MCL	µg/l	<0.25	<1.0	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	1.2
	1,2-Dichlorobenzene	EPA 8270	600	MCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene	EPA 8260	80.7	BCL	µg/l	<0.25	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	
1,4-Dichlorobenzene	EPA 8260	75	MCL	µg/l	<0.25	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	0.72	
1,4-Dichlorobenzene	EPA 8270	75	MCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	

**TABLE B-1. GROUNDWATER ANALYICAL RESULTS IN ON-SITE WELLS**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Residential Screening Levels		Unit	M-128	M-12A	M-13	M-132	M-133	M-134	M-135	M-136	M-137	M-138		M-139	M-140	
			01-30-2015	01-20-2015		02-02-2015	02-04-2015	01-29-2015	02-05-2015	02-05-2015	02-05-2015	02-03-2015	02-03-2015	02-04-2015	02-06-2015				
			Level	Source		M-128-20150130	M-12A-20150120	M-13-20150202	M-132-20150204	M-133-20150129	M-134-20150205	M-135-20150205	M-136-20150205	M-137-20150203	M-138-20150203	M-138-20150203-FD	M-139-20150204	M-140-20150206	
VOCs	Dichlorodifluoromethane	EPA 8260	393	BCL	µg/l	0.25 UJ	0.50 UJ	0.25 UJ	<0.25	0.25 UJ	0.25 UJ	<0.25	0.25 UJ	0.25 UJ	0.25 UJ	0.25 UJ	<0.25	0.25 UJ	
	1,1-Dichloroethane	EPA 8260	2.79	BCL	µg/l	<0.25	<0.50	<b>1.3</b>	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<b>0.31 J</b>	0.25 UJ	<0.25	<0.25	
	1,2-Dichloroethane	EPA 8260	5	BCL	µg/l	<0.25	<0.50	0.25 UJ	<0.25	<0.25	0.25 UJ	<0.25	<0.25	0.25 UJ	0.25 UJ	<0.25	<0.25	<0.25	
	1,1-Dichloroethene	EPA 8260	7	MCL	µg/l	<b>1.3</b>	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	
	cis-1,2-Dichloroethene	EPA 8260	70	BCL	µg/l	<0.25	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	trans-1,2-Dichloroethene	EPA 8260	100	BCL	µg/l	<0.25	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	1,2-Dichloropropane	EPA 8260	5	BCL	µg/l	<0.25	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	1,3-Dichloropropane	EPA 8260	8.24	BCL	µg/l	<0.25	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	2,2-Dichloropropane	EPA 8260			µg/l	<0.40	<0.80	<0.40	<0.40	0.40 UJ	0.40 UJ	<0.40	<0.40	<0.40	<0.40	<0.40	0.40 UJ	<0.40	<0.40
	1,1-Dichloropropene	EPA 8260			µg/l	<0.25	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	cis-1,3-Dichloropropene	EPA 8260			µg/l	<0.25	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	trans-1,3-Dichloropropene	EPA 8260			µg/l	0.25 UJ	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	0.25 UJ	<0.25	0.25 UJ
	1,4-Dioxane	EPA 8260BSIM	0.779	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	1,4-Dioxane	EPA 8260SIM	0.779	BCL	µg/l	<b>0.51 J</b>	<0.50	<b>19</b>	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
	Ethyl benzene	EPA 8260	700	MCL	µg/l	<0.25	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	Ethyl tert-butyl ether	EPA 8260			µg/l	<0.25	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	Hexachlorobutadiene	EPA 8260	0.999	BCL	µg/l	<0.25	<0.50	<0.25	<0.25	0.25 UJ	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	0.25 UJ	<0.25	0.25 UJ
	Methylene chloride	EPA 8260	5	BCL	µg/l	<0.88	1.8 UJ	<0.88	<0.88	<0.88	<0.88	<b>1.1 J</b>	<0.88	<0.88	<0.88	<0.88	<0.88	<0.88	<0.88
	Naphthalene	EPA 8260	0.165	BCL	µg/l	<0.40	<0.80	<0.40	<0.40	0.40 UJ	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	0.40 UJ	<0.40	0.40 UJ
	n-Propylbenzene	EPA 8260	238	BCL	µg/l	<0.25	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	Styrene	EPA 8260	100	BCL	µg/l	<0.25	<0.50	0.25 UJ	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	1,1,1,2-Tetrachloroethane	EPA 8260	0.605	BCL	µg/l	<0.25	<0.50	<0.25	<0.25	<0.25	0.25 UJ	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	1,1,1,2,2-Tetrachloroethane	EPA 8260	0.0775	BCL	µg/l	<0.25	<0.50	<0.25	<0.25	0.25 UJ	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	Tetrachloroethene	EPA 8260	5	BCL	µg/l	<0.25	<0.50	<0.25	<0.25	<0.25	<0.25	<b>0.59</b>	<0.25	<b>0.28 J</b>	<b>0.69</b>	<b>0.67</b>	<0.25	<0.25	<b>0.36 J</b>
	Toluene	EPA 8260	1,000	MCL	µg/l	<0.25	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	1,2,3-Trichlorobenzene	EPA 8260	7	RSL	µg/l	<0.40	<0.80	<0.40	<0.40	0.40 UJ	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
	1,2,4-Trichlorobenzene	EPA 8260	70	MCL	µg/l	0.40 UJ	<0.80	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
	1,1,1-Trichloroethane	EPA 8260	200	MCL	µg/l	<0.25	<0.50	<0.25	<0.25	<0.25	0.25 UJ	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	1,1,2-Trichloroethane	EPA 8260	5	BCL	µg/l	<0.25	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	Trichloroethene	EPA 8260	5	BCL	µg/l	<b>2.7</b>	<0.50	<b>12</b>	<0.25	<0.25	<0.25	<b>0.63</b>	<0.25	<b>8.9</b>	<b>0.50</b>	<b>0.50</b>	<0.25	<0.25	<b>0.26 J</b>
	Trichlorofluoromethane	EPA 8260	1,270	BCL	µg/l	<0.25	<0.50	<0.25	<0.25	<0.25	0.25 UJ	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	1,2,3-Trichloropropane	EPA 8260	0.0026	BCL	µg/l	0.25 UJ	<0.50	<0.25	<0.25	0.25 UJ	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
1,2,3-Trichloropropane	EPA 8260BSIM	0.0026	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
1,2,3-Trichloropropane	EPA 8260SIM	0.0026	BCL	µg/l	<b>0.28</b>	<b>0.028</b>	<b>0.021</b>	<b>0.013</b>	<b>0.075</b>	<b>0.025</b>	<b>0.57</b>	<b>0.0045 J</b>	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<b>0.26</b>	
1,2,4-Trimethylbenzene	EPA 8260	14.6	BCL	µg/l	<0.25	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	
1,3,5-Trimethylbenzene	EPA 8260	14.5	BCL	µg/l	<0.25	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	
Vinyl chloride	EPA 8260	2	BCL	µg/l	<0.25	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	
m,p-Xylene	EPA 8260			µg/l	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
o-Xylene	EPA 8260	1,200	BCL	µg/l	<0.25	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	
1,2-Dibromo-3-chloropropane	EPA 8260	0.2	MCL	µg/l	<0.50	<1.0	<0.50	<0.50	0.50 UJ	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
tert-Butylbenzene	EPA 8260	238	BCL	µg/l	<0.25	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	0.25 UJ	<0.25	0.25 UJ	
SVOCs	Acenaphthene	EPA 8270	6.24	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	
	Aniline	EPA 8270	13.7	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Anthracene	EPA 8270	6.25	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Benzidine	EPA 8270	0.000339	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Benzo(k)fluoranthene	EPA 8270	1.07	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Benzoic acid	EPA 8270	133,000	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Benzyl alcohol	EPA 8270	16,700	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	--

**TABLE B-1. GROUNDWATER ANALYICAL RESULTS IN ON-SITE WELLS**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Residential Screening Levels		Unit	M-128	M-12A	M-13	M-132	M-133	M-134	M-135	M-136	M-137	M-138		M-139	M-140
			Level	Source		01-30-2015	01-20-2015	02-02-2015	02-04-2015	01-29-2015	02-05-2015	02-05-2015	02-05-2015	02-03-2015	02-03-2015	02-03-2015	02-04-2015	02-06-2015
						M-128-20150130	M-12A-20150120	M-13-20150202	M-132-20150204	M-133-20150129	M-134-20150205	M-135-20150205	M-136-20150205	M-137-20150203	M-138-20150203	M-138-20150203-FD	M-139-20150204	M-140-20150206
SVOCs	4-Bromophenyl-phenyl ether	EPA 8270			µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Butylbenzylphthalate	EPA 8270	41	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	4-Chloroaniline	EPA 8270	0.39	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	2-Chloronaphthalene	EPA 8270	2.08	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	2-Chlorophenol	EPA 8270	64.2	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	4-Chlorophenyl-phenyl ether	EPA 8270			µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Chrysene	EPA 8270	10.7	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Di-n-butylphthalate	EPA 8270	3,340	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Di-n-octylphthalate	EPA 8270	400	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Dibenz(a,h)anthracene	EPA 8270	0.0107	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Dibenzofuran	EPA 8270	66.7	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	1,3-Dichlorobenzene	EPA 8270	80.7	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	3,3'-Dichlorobenzidine	EPA 8270	0.173	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	2,4-Dichlorophenol	EPA 8270	100	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Diethylphthalate	EPA 8270	26,700	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	2,4-Dimethylphenol	EPA 8270	667	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Dimethylphthalate	EPA 8270	334,000	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	2,4-Dinitrophenol	EPA 8270	66.7	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	2,4-Dinitrotoluene	EPA 8270	0.251	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	2,6-Dinitrotoluene	EPA 8270	33.4	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	1,2-Diphenylhydrazine	EPA 8270	0.0974	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Fluoranthene	EPA 8270	1,330	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Fluorene	EPA 8270	6.23	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Hexachlorobenzene	EPA 8270	1	MCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Hexachlorobutadiene	EPA 8270	0.999	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Hexachlorocyclopentadiene	EPA 8270	50	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Hexachloroethane	EPA 8270	5.56	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Isophorone	EPA 8270	82	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	1-Methylnaphthalene	EPA 8270	1.1	RSL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	2-Methylnaphthalene	EPA 8270	36	RSL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	2-Methylphenol	EPA 8270	1,670	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	3&4-Methylphenol	EPA 8270			µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	4-Methylphenol	EPA 8270	167	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Naphthalene	EPA 8270	0.165	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	2-Nitroaniline	EPA 8270	100	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	3-Nitroaniline	EPA 8270			µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	4-Nitroaniline	EPA 8270	3.8	RSL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Nitrobenzene	EPA 8270	0.14	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	2-Nitrophenol	EPA 8270			µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	4-Nitrophenol	EPA 8270	267	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
n-Nitrosodiphenylamine	EPA 8270	15.9	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	
Octachlorostyrene	EPA 8270			µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	
Pentachlorophenol	EPA 8270	1	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	
Phenol	EPA 8270	10,000	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	
Pyrene	EPA 8270	6.22	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	
1,2,4-Trichlorobenzene	EPA 8270	70	MCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	
2,4,5-Trichlorophenol	EPA 8270	3,340	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	
2,4,6-Trichlorophenol	EPA 8270	7.08	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	

**TABLE B-1. GROUNDWATER ANALYICAL RESULTS IN ON-SITE WELLS**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Residential Screening Levels		Unit	M-128	M-12A	M-13	M-132	M-133	M-134	M-135	M-136	M-137	M-138		M-139	M-140
			Level	Source		01-30-2015	01-20-2015	02-02-2015	02-04-2015	01-29-2015	02-05-2015	02-05-2015	02-05-2015	02-03-2015	02-03-2015	02-03-2015	02-04-2015	02-06-2015
						M-128-20150130	M-12A-20150120	M-13-20150202	M-132-20150204	M-133-20150129	M-134-20150205	M-135-20150205	M-136-20150205	M-137-20150203	M-138-20150203	M-138-20150203-FD	M-139-20150204	M-140-20150206
SVOCs	bis(2-Chloro-1-methylethyl) ether	EPA 8270	0.373	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	bis(2-Chloroethoxy)methane	EPA 8270	59	RSL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	bis(2-Chloroethyl) ether	EPA 8270	0.0137	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	bis(2-Ethylhexyl)phthalate	EPA 8270	6	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	4,6-Dinitro-2-methylphenol	EPA 8270			µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	4-Chloro-3-methylphenol	EPA 8270	1,400	RSL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	n-Nitroso-di-n-propylamine	EPA 8270	0.0111	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
Organo-chlorine Pesticides	Aldrin	EPA 8081	0.00458	BCL	µg/l	0.0016 UJ	--	--	--	--	--	--	--	--	--	--	--	--
	alpha-BHC	EPA 8081	10	BCL	µg/l	<0.0026	--	--	--	--	--	--	--	--	--	--	--	--
	beta-BHC	EPA 8081	2	BCL	µg/l	<0.0041	--	--	--	--	--	--	--	--	--	--	--	--
	delta-BHC	EPA 8081	10	BCL	µg/l	<0.0036	--	--	--	--	--	--	--	--	--	--	--	--
	gamma-BHC	EPA 8081	0.2	BCL	µg/l	<0.0031	--	--	--	--	--	--	--	--	--	--	--	--
	gamma-Chlordane	EPA 8081			µg/l	<0.031	--	--	--	--	--	--	--	--	--	--	--	--
	4,4'-DDD	EPA 8081	0.325	BCL	µg/l	<0.0041	--	--	--	--	--	--	--	--	--	--	--	--
	2,4'-DDE	EPA 8081			µg/l	<0.021	--	--	--	--	--	--	--	--	--	--	--	--
	4,4'-DDE	EPA 8081	0.229	BCL	µg/l	<0.0031	--	--	--	--	--	--	--	--	--	--	--	--
	4,4'-DDT	EPA 8081	0.229	BCL	µg/l	<0.0041	--	--	--	--	--	--	--	--	--	--	--	--
	Dieldrin	EPA 8081	0.00487	BCL	µg/l	<0.0021	--	--	--	--	--	--	--	--	--	--	--	--
	Endosulfan I	EPA 8081			µg/l	<0.0031	--	--	--	--	--	--	--	--	--	--	--	--
	Endosulfan II	EPA 8081			µg/l	<0.0021	--	--	--	--	--	--	--	--	--	--	--	--
	Endosulfan sulfate	EPA 8081			µg/l	<0.0031	--	--	--	--	--	--	--	--	--	--	--	--
	Endrin	EPA 8081	2	BCL	µg/l	<0.0021	--	--	--	--	--	--	--	--	--	--	--	--
	Endrin aldehyde	EPA 8081			µg/l	<0.0021	--	--	--	--	--	--	--	--	--	--	--	--
	Endrin ketone	EPA 8081			µg/l	<0.0073	--	--	--	--	--	--	--	--	--	--	--	--
	Heptachlor	EPA 8081	0.4	MCL	µg/l	<0.0031	--	--	--	--	--	--	--	--	--	--	--	--
Heptachlor epoxide	EPA 8081	0.2	BCL	µg/l	<0.0026	--	--	--	--	--	--	--	--	--	--	--	--	
Methoxychlor	EPA 8081	40	MCL	µg/l	<0.0036	--	--	--	--	--	--	--	--	--	--	--	--	
Toxaphene	EPA 8081	3	MCL	µg/l	<0.26	--	--	--	--	--	--	--	--	--	--	--	--	
PAHs	Acenaphthylene	EPA 8270	6.22	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Benzo(a)anthracene	EPA 8270	0.107	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Benzo(a)pyrene	EPA 8270	0.2	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Benzo(b)fluoranthene	EPA 8270	0.107	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Benzo(g,h,i)perylene	EPA 8270	1,000	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Indeno(1,2,3-cd)pyrene	EPA 8270	0.107	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
Radionuclides	Radium-226	EPA 903.0	5	BCL	pCi/l	<b>0.320</b>	<b>0.567 J</b>	<0.0936	<b>0.402</b>	<b>0.247</b>	<b>0.456</b>	<b>0.209</b>	<0.211	<0.0888	<b>0.105 J</b>	<b>0.149 J</b>	<b>0.188</b>	<b>0.686</b>
	Radium-228	EPA 904.0	5	BCL	pCi/l	<b>0.625 J</b>	<b>1.02</b>	<0.346	<0.352	<0.335	<0.323	<0.367	<0.305	<0.383	0.350 UJ	<0.388	<0.323	<b>0.728</b>
	Thorium-228	DOE A-01-R	0.14	BCL	pCi/l	<0.550	<0.826	<b>0.970</b>	<b>1.01</b>	<0.535	<b>0.580 J</b>	<0.578	<b>0.531</b>	<b>1.31</b>	<0.596	<0.830	<b>0.988 J</b>	<0.646
	Thorium-230	DOE A-01-R	0.05	BCL	pCi/l	<b>1.04</b>	<b>0.647</b>	<b>0.685</b>	<b>0.527 J</b>	<b>0.434 J</b>	<b>0.595 J</b>	<b>0.739 J</b>	<b>0.534 J</b>	<0.567	<b>1.24 J</b>	0.316 UJ	<b>0.837 J</b>	<b>0.686 J</b>
	Thorium-232	DOE A-01-R	0.17	BCL	pCi/l	<0.144	<0.680	<0.339	<0.356	<0.236	<0.159	<0.410	<0.331	<0.494	<0.320	<0.314	<0.145	<0.502
	Uranium-233/234	DOE A-01-R			pCi/l	<b>5.19</b>	<b>8.78</b>	<b>8.62</b>	<b>5.73</b>	<b>2.96</b>	<b>3.53 J</b>	<b>5.61 J</b>	<b>1.98</b>	<b>17.3</b>	<b>15.3</b>	<b>13.8</b>	<b>3.35</b>	<b>13.4</b>
	Uranium-235/236	DOE A-01-R			pCi/l	<0.758	<b>0.873</b>	<b>0.534</b>	<0.593	<0.403	<0.451	<0.349	<b>0.191</b>	<0.632	<0.679	<0.409	<0.214	<b>0.591</b>
	Uranium-238	DOE A-01-R			pCi/l	<b>3.72</b>	<b>5.02</b>	<b>5.49</b>	<b>4.05</b>	<b>2.03</b>	<b>3.50</b>	<b>4.44</b>	<b>1.53</b>	<b>8.31</b>	<b>11.0 J</b>	<b>7.66 J</b>	<b>1.75</b>	<b>9.58</b>
	Uranium-238	EPA 6020	30	BCL	µg/l	<b>15</b>	<b>18</b>	<b>23 J</b>	<b>10</b>	<b>7.1</b>	<b>10</b>	<b>14</b>	<b>5.7</b>	<b>36 J</b>	<b>31 J</b>	<b>29 J</b>	<b>9.6</b>	<b>33</b>
General Chemistry	Alkalinity (as CaCO3)	SM 2320			µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Ammonia (as N)	SM 4500-NH3			µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Ammonia (as N)	SM 4500			µg/l	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<b>57,000</b>
	Bicarbonate as HCO3	SM 2320			mg/l	--	--	--	--	--	--	--	--	--	--	--	--	--

**TABLE B-1. GROUNDWATER ANALYICAL RESULTS IN ON-SITE WELLS**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Residential Screening Levels		Unit	M-128	M-12A	M-13	M-132	M-133	M-134	M-135	M-136	M-137	M-138		M-139	M-140	
			01-30-2015	01-20-2015		02-02-2015	02-04-2015	01-29-2015	02-05-2015	02-05-2015	02-05-2015	02-03-2015	02-03-2015	02-04-2015	02-06-2015				
			Level	Source		M-128-20150130	M-12A-20150120	M-13-20150202	M-132-20150204	M-133-20150129	M-134-20150205	M-135-20150205	M-136-20150205	M-137-20150203	M-138-20150203	M-138-20150203-FD	M-139-20150204	M-140-20150206	
General Chemistry	Bromide	EPA 300			mg/l	3.5	<5	2.5	3.8	<2.5	1.2	2.7	3.3	0.86 J	0.53 J	0.82 J	0.85 J	3.3 J	
	Calcium	EPA 200.7			mg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	
	Carbon	EPA 5310			µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	
	Carbonate (CO3)	SM 2320			mg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	
	Chloride	EPA 300	250	2 <sup>nd</sup> MCL	mg/l	410	820 J	300 J	730	1,900	720	840	330	140 J	130 J	130 J	170	1,400	
	Cyanide (total)	SM 4500-CN-E	0.2	BCL	mg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Dissolved Solids (total)	SM 2540C	500	2 <sup>nd</sup> MCL	mg/l	2,500	7,300	3,100	2,600	5,500	2,600 J	3,400 J	1,300	2,100	2,300	2,300	2,700	7,200	
	Hydroxide	SM 2320			mg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Nitrate (as NO3)	EPA 300			mg/l	39	46	13	25	38 J	19 J	36 J	14	23	9.7	9.6	5.9 J	650 J	
	Nitrate/Nitrite	EPA 300			µg/l	8,700	10,000	3,000	5,600	8,600 J	4,300 J	8,100 J	3,100	5,300	2,200	2,200	1,300 J	170,000 J	
	Nitrite	EPA 300	1	BCL	mg/l	<0.35	<1.4	<0.14	<0.14	<0.7	<0.14	<0.35	<0.07	<0.14	<0.14	<0.14	<0.14	<0.14	16 J
	ortho-Phosphate (total) (as P)	EPA 300			mg/l	--	<1.6	--	--	--	--	--	--	--	--	--	--	--	--
	Phosphorus (total)	EPA 365.3	0.667	BCL	µg/l	25 J	47 J	<25	61	<25	25 J	55	37 J	<25	30 J	35 J	<25	<25	69 J
	Potassium	EPA 200.7			mg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Sodium	EPA 200.7			mg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Sulfate	EPA 300			mg/l	950	1,300	1,40012	540	760	820	1,200	260	890	1,100	1,100	1,500	1,300 J		
Sulfide (total)	EPA 9034			mg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
OTHER	4-Chlorobenzenesulfonic acid	SW8321A	33,400	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	

**Notes:**

ft bgs: feet below ground surface

FD: Field Duplicate

GW: Groundwater

Above Screening Level

bold value: detection

Groundwater screening levels were selected according to the following hierarchy of criteria:

1. Maximum Contaminant Level (MCL): Primary United States Environmental Protections Agency (USEPA) maximum contaminant level (40 CFR Part 141).
2. Basic Contaminant Level (BCL): Residential water basic comparison levels in NDEP February 2015 BCL Spreadsheet or Target Water Activities for radionuclides (NDEP 2015).
3. Regional Screening Level (RSL): Tap water regional screening levels in USEPA Pacific Southwest, Region 9, Regional Screening Levels Chemical Specific Parameters table, June 2015. The screening levels were selected as the minimal values of carcinogenic screening level and noncarcinogenic screening level (USEPA 2015).
4. 2<sup>nd</sup> Maximum Contaminant Level (2<sup>nd</sup> MCL): National Secondary Drinking Water Regulations (40 CFR Part 143).

**Sources:**

NDEP, 2015. User's Guide and Background Technical Document for NDEP Basic

Comparison Levels (BCLs) for Human Health for the BMI Complex and Common Areas. Revision 13, February.

USEPA, 2015. Regional Screening Levels (RSL) for Chemical Contaminants at Superfund Sites. June.

USEPA. National Primary Drinking Water Regulations. Code of Federal Regulations, 40 CFR Part 141.

USEPA. National Secondary Drinking Water Regulations. Code of Federal Regulations, 40 CFR Part 143.



**TABLE B-1. GROUNDWATER ANALYICAL RESULTS IN ON-SITE WELLS**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Residential Screening Levels		Unit	M-141		M-142	M-144	M-146	M-147	M-148A	M-149	M-14A	M-150	M-151	M-153	M-154
			Level	Source		01-28-2015	01-28-2015	02-03-2015	02-02-2015	01-30-2015	02-04-2015	01-28-2015	01-26-2015	01-29-2015	01-12-2015	01-21-2015	01-26-2015	01-12-2015
						M-141-20150128	M-141-20150128-FD	M-142-20150203	M-144-20150202	M-146-20150130	M-147-20150204	M-148A-20150128	M-149-20150126	M-14A-20150129	M-150-20150112	M-151-20150121	M-153-20150126	M-154-20150112
Chlorates	Chlorate	EPA 300.1	1,000	BCL	µg/l	120,000	120,000	15,000 J	540,000	23,000	54,000	41,000	24,000	15,000	100	<20	<20	<10
	Perchlorate	EPA 314.0	18	BCL	µg/l	380,000	380,000	9,700	4,700	3,100	13,000	3,600	100,000	31,000	43	1.1 J	61	<0.95
Common Metals	Aluminum	EPA 200.7	0.05	BCL	mg/l	<0.025	<0.025	<0.025	<0.025	0.025 UJ	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
	Antimony	EPA 200.8	0.006	MCL	mg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Arsenic	EPA 200.8	0.01	MCL	mg/l	0.14	0.14	0.053	0.14	0.21	0.15	0.12	0.029	0.11	0.018	0.025	0.012	0.015
	Barium	EPA 200.7	2	MCL	mg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Boron	EPA 200.7	6.67	BCL	mg/l	10	9.8	2.0	3.0	5.9	3.1	3.2	0.81 J	2.6 J	0.68	0.73	0.79 J	0.78
	Cadmium	EPA 200.7	0.005	MCL	mg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Chromium (total)	EPA 200.7	0.1	MCL	mg/l	5.3	5.4	0.038	0.058	0.11	0.19	0.12	0.65	0.038	0.019	0.023	0.0075	0.0077
	Cobalt	EPA 200.7	0.01	BCL	mg/l	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	0.0043 J	<0.0025	<0.0025	0.0039 J
	Copper	EPA 200.7	1.3	MCL	mg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Iron	EPA 200.7	0.3	BCL	mg/l	0.022 J	0.010 J	<0.010	<0.010	<0.010	<0.010	<0.010	0.034 J	<0.010	0.19	0.015 J	0.019 J	0.038 J
	Lead	EPA 200.7	0.015	MCL	mg/l	<0.0050	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	0.0033 J	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
	Magnesium	EPA 200.7	189	BCL	mg/l	88	81	120	150	160	200	360	35	130	13	13	17	15
	Manganese	EPA 200.7	0.02	BCL	mg/l	0.45 J	0.42 J	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	0.033	<0.010	<0.010	0.022
	Mercury	EPA 7470	0.002	BCL	mg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
Nickel	EPA 200.7	0.667	BCL	mg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	
Zinc	EPA 200.7	10	BCL	mg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	
Hexavalent Chromium	Chromium VI	EPA 218.6	100	BCL	µg/l	5,800 J	5,800 J	37 J	57	93 J	190 J	110 J	610	37	25	19	1.8	8.4
Rare Metals	Strontium	EPA 200.7	20	BCL	mg/l	5.4	5.4	5.4	8.3	7.1	11	14	2.1	7.1	0.92	0.70	1.2	1.1
	Tungsten	EPA 200.7	0.25	BCL	mg/l	<0.50	<0.50	<0.50 R	<0.50 R	<0.50 R	<0.50	<0.50	<0.50 R	<0.50 R	<0.50 R	<0.50 R	<0.50 R	<0.50 R
	Vanadium	EPA 200.7	0.167	BCL	mg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
VOCs	Benzene	EPA 8260	5	BCL	µg/l	<0.50	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	Bromobenzene	EPA 8260	85.2	BCL	µg/l	<0.50	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	Bromochloromethane	EPA 8260	83	RSL	µg/l	<0.50	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	Bromodichloromethane	EPA 8260	80	MCL	µg/l	<0.50	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	Bromoform	EPA 8260	80	MCL	µg/l	<0.80	<0.80	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	0.40 UJ	<0.40	<0.40	<0.40	<0.40
	Bromomethane	EPA 8260	8.53	BCL	µg/l	<0.50	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	2-Butanone	EPA 8260	6,860	BCL	µg/l	<5.0	<5.0	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5 UJ	<2.5	<2.5	<2.5	<2.5
	n-Butylbenzene	EPA 8260	238	BCL	µg/l	<0.80	<0.80	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
	sec-Butylbenzene	EPA 8260	238	BCL	µg/l	<0.50	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	Carbon tetrachloride	EPA 8260	5	BCL	µg/l	<0.50	<0.50	0.81	0.25 UJ	<0.25	0.32 J	<0.25	<0.25	1.1	<0.25	<0.25	<0.25	<0.25
	Chlorobenzene	EPA 8260	100	BCL	µg/l	<0.50	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	Chloroethane	EPA 8260	26.9	BCL	µg/l	<0.80	<0.80	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
	Chloroform	EPA 8260	80	MCL	µg/l	520	500	59	2.0	2.0	33	6.8	21	120	<0.25	<0.25	<0.25	<0.25
	Chloromethane	EPA 8260	3.12	BCL	µg/l	<0.50	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	2-Chlorotoluene	EPA 8260	90.2	BCL	µg/l	<0.50	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	4-Chlorotoluene	EPA 8260	250	RSL	µg/l	<0.50	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	Cumene	EPA 8260	667	BCL	µg/l	<0.50	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	p-Cymene	EPA 8260	834	BCL	µg/l	<0.50	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	Dibromochloromethane	EPA 8260	80	MCL	µg/l	<0.50	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	1,2-Dibromoethane	EPA 8260	0.05	MCL	µg/l	<0.50	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	Dibromomethane	EPA 8260	8.14	BCL	µg/l	<0.50	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	1,2-Dichlorobenzene	EPA 8260	600	MCL	µg/l	<0.50	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.50
	1,2-Dichlorobenzene	EPA 8270	600	MCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene	EPA 8260	80.7	BCL	µg/l	<0.50	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	
1,4-Dichlorobenzene	EPA 8260	75	MCL	µg/l	<0.50	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	
1,4-Dichlorobenzene	EPA 8270	75	MCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	



**TABLE B-1. GROUNDWATER ANALYICAL RESULTS IN ON-SITE WELLS**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Residential Screening Levels		Unit	M-141		M-142	M-144	M-146	M-147	M-148A	M-149	M-14A	M-150	M-151	M-153	M-154
			Level	Source		01-28-2015	01-28-2015	02-03-2015	02-02-2015	01-30-2015	02-04-2015	01-28-2015	01-26-2015	01-29-2015	01-12-2015	01-21-2015	01-26-2015	01-12-2015
						M-141-20150128	M-141-20150128-FD	M-142-20150203	M-144-20150202	M-146-20150130	M-147-20150204	M-148A-20150128	M-149-20150126	M-14A-20150129	M-150-20150112	M-151-20150121	M-153-20150126	M-154-20150112
VOCs	Dichlorodifluoromethane	EPA 8260	393	BCL	µg/l	0.50 UJ	0.50 UJ	<0.25	0.25 UJ	0.25 UJ	<0.25	0.25 UJ	0.25 UJ	0.25 UJ	0.25 UJ	0.25 UJ	0.25 UJ	0.25 UJ
	1,1-Dichloroethane	EPA 8260	2.79	BCL	µg/l	<0.50	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	1,2-Dichloroethane	EPA 8260	5	BCL	µg/l	<0.50	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	1,1-Dichloroethene	EPA 8260	7	MCL	µg/l	<0.50	<0.50	<b>1.3</b>	<b>10</b>	<b>0.53</b>	<0.25	<0.25	<0.25	<b>0.59</b>	<0.25	<0.25	<0.25	<0.25
	cis-1,2-Dichloroethene	EPA 8260	70	BCL	µg/l	<0.50	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	trans-1,2-Dichloroethene	EPA 8260	100	BCL	µg/l	<0.50	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	1,2-Dichloropropane	EPA 8260	5	BCL	µg/l	<0.50	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	1,3-Dichloropropane	EPA 8260	8.24	BCL	µg/l	<0.50	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	2,2-Dichloropropane	EPA 8260			µg/l	<0.80	<0.80	<0.40	0.40 UJ	<0.40	<0.40	<0.40	<0.40	0.40 UJ	<0.40	<0.40	<0.40	<0.40
	1,1-Dichloropropene	EPA 8260			µg/l	<0.50	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	cis-1,3-Dichloropropene	EPA 8260			µg/l	<0.50	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	trans-1,3-Dichloropropene	EPA 8260			µg/l	0.50 UJ	0.50 UJ	<0.25	<0.25	0.25 UJ	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	1,4-Dioxane	EPA 8260BSIM	0.779	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	1,4-Dioxane	EPA 8260SIM	0.779	BCL	µg/l	<b>0.74 J</b>	<b>0.85 J</b>	<0.50	<b>2.5</b>	<0.50	<b>0.51 J</b>	<b>0.68 J</b>	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
	Ethyl benzene	EPA 8260	700	MCL	µg/l	<0.50	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	Ethyl tert-butyl ether	EPA 8260			µg/l	<0.50	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	Hexachlorobutadiene	EPA 8260	0.999	BCL	µg/l	<0.50	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	0.25 UJ	<0.25	<0.25	<0.25
	Methylene chloride	EPA 8260	5	BCL	µg/l	<1.8	<1.8	<0.88	<0.88	<0.88	<0.88	<0.88	<0.88	<0.88	<0.88	<0.88	<0.88	<0.88
	Naphthalene	EPA 8260	0.165	BCL	µg/l	<0.80	<0.80	0.40 UJ	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	0.40 UJ	<0.40	<0.40	<0.40
	n-Propylbenzene	EPA 8260	238	BCL	µg/l	<0.50	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	Styrene	EPA 8260	100	BCL	µg/l	<0.50	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	1,1,1,2-Tetrachloroethane	EPA 8260	0.605	BCL	µg/l	<0.50	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	1,1,1,2,2-Tetrachloroethane	EPA 8260	0.0775	BCL	µg/l	<0.50	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	0.25 UJ	0.25 UJ	<0.25	<0.25	0.25 UJ
	Tetrachloroethene	EPA 8260	5	BCL	µg/l	<0.50	<0.50	<0.25	<0.25	<0.25	<b>0.53</b>	<b>0.27 J</b>	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	Toluene	EPA 8260	1,000	MCL	µg/l	<0.50	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	1,2,3-Trichlorobenzene	EPA 8260	7	RSL	µg/l	<0.80	<0.80	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	0.40 UJ	<0.40	<0.40	<0.40	<0.40
	1,2,4-Trichlorobenzene	EPA 8260	70	MCL	µg/l	<0.80	<0.80	<0.40	<0.40	0.40 UJ	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
	1,1,1-Trichloroethane	EPA 8260	200	MCL	µg/l	<0.50	<0.50	<0.25	0.25 UJ	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	1,1,2-Trichloroethane	EPA 8260	5	BCL	µg/l	<0.50	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	Trichloroethene	EPA 8260	5	BCL	µg/l	<0.50	<0.50	<b>2.8</b>	<b>2.1</b>	<b>1.7</b>	<0.25	<0.25	<0.25	<0.25	<b>1.3</b>	<0.25	<0.25	<0.25
	Trichlorofluoromethane	EPA 8260	1,270	BCL	µg/l	<0.50	<0.50	<0.25	<0.25	<b>0.32 J</b>	<0.25	0.25 UJ	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	1,2,3-Trichloropropane	EPA 8260	0.0026	BCL	µg/l	<0.50	<0.50	<0.25	<0.25	0.25 UJ	<0.25	<0.25	<0.25	0.25 UJ	<0.25	<0.25	<0.25	<0.25
	1,2,3-Trichloropropane	EPA 8260BSIM	0.0026	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	1,2,3-Trichloropropane	EPA 8260SIM	0.0026	BCL	µg/l	<b>0.036</b>	<b>0.034</b>	<b>0.24</b>	<0.0025	<0.0025	<b>0.027</b>	<b>0.0058</b>	<b>0.0027 J</b>	<b>0.16</b>	<0.0025	<0.0025	<0.0025	<0.0025
1,2,4-Trimethylbenzene	EPA 8260	14.6	BCL	µg/l	<0.50	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	
1,3,5-Trimethylbenzene	EPA 8260	14.5	BCL	µg/l	<0.50	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	
Vinyl chloride	EPA 8260	2	BCL	µg/l	<0.50	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	
m,p-Xylene	EPA 8260			µg/l	<1.0	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
o-Xylene	EPA 8260	1,200	BCL	µg/l	<0.50	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	
1,2-Dibromo-3-chloropropane	EPA 8260	0.2	MCL	µg/l	<1.0	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.50 UJ	<0.50	<0.50	<0.50	<0.50	
tert-Butylbenzene	EPA 8260	238	BCL	µg/l	<0.50	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	
SVOCs	Acenaphthene	EPA 8270	6.24	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	
	Aniline	EPA 8270	13.7	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	
	Anthracene	EPA 8270	6.25	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	
	Benzidine	EPA 8270	0.000339	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	
	Benzo(k)fluoranthene	EPA 8270	1.07	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	
	Benzoic acid	EPA 8270	133,000	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	
	Benzyl alcohol	EPA 8270	16,700	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	

**TABLE B-1. GROUNDWATER ANALYICAL RESULTS IN ON-SITE WELLS**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Residential Screening Levels		Unit	M-141		M-142	M-144	M-146	M-147	M-148A	M-149	M-14A	M-150	M-151	M-153	M-154	
			Level	Source		01-28-2015	01-28-2015	02-03-2015	02-02-2015	01-30-2015	02-04-2015	01-28-2015	01-26-2015	01-29-2015	01-12-2015	01-21-2015	01-26-2015	01-12-2015	
						M-141-20150128	M-141-20150128-FD	M-142-20150203	M-144-20150202	M-146-20150130	M-147-20150204	M-148A-20150128	M-149-20150126	M-14A-20150129	M-150-20150112	M-151-20150121	M-153-20150126	M-154-20150112	
SVOCs	4-Bromophenyl-phenyl ether	EPA 8270			µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Butylbenzylphthalate	EPA 8270	41	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	4-Chloroaniline	EPA 8270	0.39	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2-Chloronaphthalene	EPA 8270	2.08	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2-Chlorophenol	EPA 8270	64.2	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	4-Chlorophenyl-phenyl ether	EPA 8270			µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Chrysene	EPA 8270	10.7	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Di-n-butylphthalate	EPA 8270	3,340	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Di-n-octylphthalate	EPA 8270	400	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Dibenz(a,h)anthracene	EPA 8270	0.0107	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Dibenzofuran	EPA 8270	66.7	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	1,3-Dichlorobenzene	EPA 8270	80.7	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3,3'-Dichlorobenzidine	EPA 8270	0.173	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2,4-Dichlorophenol	EPA 8270	100	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Diethylphthalate	EPA 8270	26,700	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2,4-Dimethylphenol	EPA 8270	667	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Dimethylphthalate	EPA 8270	334,000	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2,4-Dinitrophenol	EPA 8270	66.7	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2,4-Dinitrotoluene	EPA 8270	0.251	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2,6-Dinitrotoluene	EPA 8270	33.4	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	1,2-Diphenylhydrazine	EPA 8270	0.0974	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Fluoranthene	EPA 8270	1,330	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Fluorene	EPA 8270	6.23	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Hexachlorobenzene	EPA 8270	1	MCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Hexachlorobutadiene	EPA 8270	0.999	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Hexachlorocyclopentadiene	EPA 8270	50	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Hexachloroethane	EPA 8270	5.56	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Isophorone	EPA 8270	82	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	1-Methylnaphthalene	EPA 8270	1.1	RSL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2-Methylnaphthalene	EPA 8270	36	RSL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2-Methylphenol	EPA 8270	1,670	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3&4-Methylphenol	EPA 8270			µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	4-Methylphenol	EPA 8270	167	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Naphthalene	EPA 8270	0.165	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2-Nitroaniline	EPA 8270	100	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3-Nitroaniline	EPA 8270			µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	4-Nitroaniline	EPA 8270	3.8	RSL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Nitrobenzene	EPA 8270	0.14	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2-Nitrophenol	EPA 8270			µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	4-Nitrophenol	EPA 8270	267	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	n-Nitrosodiphenylamine	EPA 8270	15.9	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Octachlorostyrene	EPA 8270			µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Pentachlorophenol	EPA 8270	1	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Phenol	EPA 8270	10,000	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Pyrene	EPA 8270	6.22	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	1,2,4-Trichlorobenzene	EPA 8270	70	MCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2,4,5-Trichlorophenol	EPA 8270	3,340	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2,4,6-Trichlorophenol	EPA 8270	7.08	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	--

**TABLE B-1. GROUNDWATER ANALYICAL RESULTS IN ON-SITE WELLS**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Residential Screening Levels		Unit	M-141		M-142	M-144	M-146	M-147	M-148A	M-149	M-14A	M-150	M-151	M-153	M-154	
			Level	Source		01-28-2015	01-28-2015	02-03-2015	02-02-2015	01-30-2015	02-04-2015	01-28-2015	01-26-2015	01-29-2015	01-12-2015	01-21-2015	01-26-2015	01-12-2015	
						M-141-20150128	M-141-20150128-FD	M-142-20150203	M-144-20150202	M-146-20150130	M-147-20150204	M-148A-20150128	M-149-20150126	M-14A-20150129	M-150-20150112	M-151-20150121	M-153-20150126	M-154-20150112	
SVOCs	bis(2-Chloro-1-methylethyl) ether	EPA 8270	0.373	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	bis(2-Chloroethoxy)methane	EPA 8270	59	RSL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	bis(2-Chloroethyl) ether	EPA 8270	0.0137	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	bis(2-Ethylhexyl)phthalate	EPA 8270	6	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	4,6-Dinitro-2-methylphenol	EPA 8270			µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	4-Chloro-3-methylphenol	EPA 8270	1,400	RSL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	n-Nitroso-di-n-propylamine	EPA 8270	0.0111	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Organo-chlorine Pesticides	Aldrin	EPA 8081	0.00458	BCL	µg/l	--	--	--	--	--	--	--	--	0.0016 UJ	--	--	--	--	--
	alpha-BHC	EPA 8081	10	BCL	µg/l	--	--	--	--	--	--	--	--	<0.0027	--	--	--	--	--
	beta-BHC	EPA 8081	2	BCL	µg/l	--	--	--	--	--	--	--	--	<0.0043	--	--	--	--	--
	delta-BHC	EPA 8081	10	BCL	µg/l	--	--	--	--	--	--	--	--	<0.0037	--	--	--	--	--
	gamma-BHC	EPA 8081	0.2	BCL	µg/l	--	--	--	--	--	--	--	--	<0.0032	--	--	--	--	--
	gamma-Chlordane	EPA 8081			µg/l	--	--	--	--	--	--	--	--	<0.032	--	--	--	--	--
	4,4'-DDD	EPA 8081	0.325	BCL	µg/l	--	--	--	--	--	--	--	--	<0.0043	--	--	--	--	--
	2,4'-DDE	EPA 8081			µg/l	--	--	--	--	--	--	--	--	<0.021	--	--	--	--	--
	4,4'-DDE	EPA 8081	0.229	BCL	µg/l	--	--	--	--	--	--	--	--	<0.0032	--	--	--	--	--
	4,4'-DDT	EPA 8081	0.229	BCL	µg/l	--	--	--	--	--	--	--	--	<0.0043	--	--	--	--	--
	Dieldrin	EPA 8081	0.00487	BCL	µg/l	--	--	--	--	--	--	--	--	<0.0021	--	--	--	--	--
	Endosulfan I	EPA 8081			µg/l	--	--	--	--	--	--	--	--	<0.0032	--	--	--	--	--
	Endosulfan II	EPA 8081			µg/l	--	--	--	--	--	--	--	--	<0.0021	--	--	--	--	--
	Endosulfan sulfate	EPA 8081			µg/l	--	--	--	--	--	--	--	--	<0.0032	--	--	--	--	--
	Endrin	EPA 8081	2	BCL	µg/l	--	--	--	--	--	--	--	--	<0.0021	--	--	--	--	--
	Endrin aldehyde	EPA 8081			µg/l	--	--	--	--	--	--	--	--	<0.0021	--	--	--	--	--
	Endrin ketone	EPA 8081			µg/l	--	--	--	--	--	--	--	--	<0.0075	--	--	--	--	--
Heptachlor	EPA 8081	0.4	MCL	µg/l	--	--	--	--	--	--	--	--	<0.0032	--	--	--	--	--	
Heptachlor epoxide	EPA 8081	0.2	BCL	µg/l	--	--	--	--	--	--	--	--	<0.0027	--	--	--	--	--	
Methoxychlor	EPA 8081	40	MCL	µg/l	--	--	--	--	--	--	--	--	<0.0037	--	--	--	--	--	
Toxaphene	EPA 8081	3	MCL	µg/l	--	--	--	--	--	--	--	--	<0.27	--	--	--	--	--	
PAHs	Acenaphthylene	EPA 8270	6.22	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Benzo(a)anthracene	EPA 8270	0.107	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Benzo(a)pyrene	EPA 8270	0.2	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Benzo(b)fluoranthene	EPA 8270	0.107	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Benzo(g,h,i)perylene	EPA 8270	1,000	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Indeno(1,2,3-cd)pyrene	EPA 8270	0.107	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Radionuclides	Radium-226	EPA 903.0	5	BCL	pCi/l	<b>0.229</b>	<b>0.179</b>	0.0860 UJ	<b>0.845</b>	<b>0.484</b>	<b>1.47</b>	<b>0.409</b>	<b>0.231</b>	<b>0.483</b>	<b>0.160</b>	<b>0.230</b>	<b>0.153</b>	<b>0.136</b>	
	Radium-228	EPA 904.0	5	BCL	pCi/l	<0.818	<0.834	0.380 UJ	<0.360	<b>0.494 J</b>	<b>0.555</b>	<0.351	<0.311	<0.360	<0.367	<0.313	<0.347	<0.309	
	Thorium-228	DOE A-01-R	0.14	BCL	pCi/l	<0.832	<0.985	<0.974	<b>0.995</b>	<b>0.735</b>	<b>1.14</b>	<0.358	<0.600	<0.535	<b>0.245</b>	<0.716	<0.560	<0.229	
	Thorium-230	DOE A-01-R	0.05	BCL	pCi/l	0.518 UJ	<b>1.30 J</b>	<b>0.732</b>	<0.775	<b>0.766 J</b>	<b>0.881 J</b>	<b>0.726</b>	<b>0.749 J</b>	<b>0.641 J</b>	<b>0.158 J</b>	<b>0.783 J</b>	<b>0.522 J</b>	<b>0.119 J</b>	
	Thorium-232	DOE A-01-R	0.17	BCL	pCi/l	<0.511	<0.667	<0.603	<0.564	<0.354	<0.282	<0.201	<0.158	<0.221	<0.109	<0.347	<0.443	<0.106	
	Uranium-233/234	DOE A-01-R			pCi/l	<b>23.6</b>	<b>22.4</b>	<b>3.40</b>	<b>8.75</b>	<b>11.3</b>	<b>26.5</b>	<b>60.6</b>	<b>1.99</b>	<b>16.4</b>	<b>2.37</b>	<b>1.94</b>	<b>1.78</b>	<b>1.56</b>	
	Uranium-235/236	DOE A-01-R			pCi/l	0.721 UJ	<b>1.10 J</b>	<0.593	<0.760	<0.674	<b>0.915</b>	<b>2.39</b>	<0.164	<0.788	<0.131	<b>0.217</b>	<0.143	<b>0.0779</b>	
	Uranium-238	DOE A-01-R			pCi/l	<b>15.6</b>	<b>12.9</b>	<b>2.30</b>	<b>7.75</b>	<b>7.98</b>	<b>17.0</b>	<b>41.6</b>	<b>1.56</b>	<b>10.9</b>	<b>1.56</b>	<b>1.58</b>	<b>1.28</b>	<b>0.957</b>	
	Uranium-238	EPA 6020	30	BCL	µg/l	<b>50</b>	<b>49</b>	<b>8.5 J</b>	<b>23 J</b>	<b>27</b>	<b>62</b>	<b>160</b>	<b>6.1 J</b>	<b>39</b>	<b>4.5</b>	<b>6.6</b>	<b>4.3 J</b>	<b>2.9</b>	
General Chemistry	Alkalinity (as CaCO3)	SM 2320			µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	
	Ammonia (as N)	SM 4500-NH3			µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	
	Ammonia (as N)	SM 4500			µg/l	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	
	Bicarbonate as HCO3	SM 2320			mg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	

**TABLE B-1. GROUNDWATER ANALYICAL RESULTS IN ON-SITE WELLS**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Residential Screening Levels		Unit	M-141	M-142	M-144	M-146	M-147	M-148A	M-149	M-14A	M-150	M-151	M-153	M-154	
			01-28-2015	01-28-2015		02-03-2015	02-02-2015	01-30-2015	02-04-2015	01-28-2015	01-26-2015	01-29-2015	01-12-2015	01-21-2015	01-26-2015	01-12-2015		
			M-141-20150128	M-141-20150128-FD		M-142-20150203	M-144-20150202	M-146-20150130	M-147-20150204	M-148A-20150128	M-149-20150126	M-14A-20150129	M-150-20150112	M-151-20150121	M-153-20150126	M-154-20150112		
			Level	Source														
General Chemistry	Bromide	EPA 300			mg/l	2.7 J	2.9 J	1.5	1.3 J	2.5 J	4.4	<2.5	1.3	6.2	0.76	0.27 J	1	1.1
	Calcium	EPA 200.7			mg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Carbon	EPA 5310			µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Carbonate (CO3)	SM 2320			mg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Chloride	EPA 300	250	2 <sup>nd</sup> MCL	mg/l	510	510	390 J	500	470	550	310 J	160	680	79	73 J	100	110
	Cyanide (total)	SM 4500-CN-E	0.2	BCL	mg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Dissolved Solids (total)	SM 2540C	500	2 <sup>nd</sup> MCL	mg/l	6,300	6,200	2,600	4,200	4,200	4,400	6,000	1,100	3,400	510	520	550	520
	Hydroxide	SM 2320			mg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Nitrate (as NO3)	EPA 300			mg/l	43	42	40 J	22	24	54	43	12	58	9.2	7.0	2.9	3.7
	Nitrate/Nitrite	EPA 300			µg/l	9,600	9,600	9,100 J	4,900	5,500	12,000	9,800	2,600	13,000	2,100	1,600	650	830
	Nitrite	EPA 300	1	BCL	mg/l	<0.7	<0.7	<0.14	<0.35	<0.7	<0.35	<0.7	<0.07	<0.14	<0.07	<0.07	<0.07	<0.07
	ortho-Phosphate (total) (as P)	EPA 300			mg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Phosphorus (total)	EPA 365.3	0.667	BCL	µg/l	29 J	25 UJ	<25	<25	73	26 J	33 J	<25	<25	<25	<25	<25	<25
	Potassium	EPA 200.7			mg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Sodium	EPA 200.7			mg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
Sulfate	EPA 300			mg/l	1,600	1,600	940	1,600	2,100	2,100	3,000	190	1,300	160	170 J	150	150	
Sulfide (total)	EPA 9034			mg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	
OTHER	4-Chlorobenzenesulfonic acid	SW8321A	33,400	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	

**Notes:**

ft bgs: feet below ground surface

FD: Field Duplicate

GW: Groundwater

Above Screening Level

bold value: detection

Groundwater screening levels were selected according to the following hierarchy of criteria:

1. Maximum Contaminant Level (MCL): Primary United States Environmental Protections Agency (USEPA) maximum contaminant level (40 CFR Part 141).
2. Basic Contaminant Level (BCL): Residential water basic comparison levels in NDEP February 2015 BCL Spreadsheet or Target Water Activities for radionuclides (NDEP 2015).
3. Regional Screening Level (RSL): Tap water regional screening levels in USEPA Pacific Southwest, Region 9, Regional Screening Levels Chemical Specific Parameters table, June 2015. The screening levels were selected as the minimal values of carcinogenic screening level and noncarcinogenic screening level (USEPA 2015).
4. 2<sup>nd</sup> Maximum Contaminant Level (2<sup>nd</sup> MCL): National Secondary Drinking Water Regulations (40 CFR Part 143).

**Sources:**

NDEP, 2015. User's Guide and Background Technical Document for NDEP Basic

Comparison Levels (BCLs) for Human Health for the BMI Complex and Common Areas. Revision 13, February.

USEPA, 2015. Regional Screening Levels (RSL) for Chemical Contaminants at Superfund Sites. June.

USEPA. National Primary Drinking Water Regulations. Code of Federal Regulations, 40 CFR Part 141.

USEPA. National Secondary Drinking Water Regulations. Code of Federal Regulations, 40 CFR Part 143.

**TABLE B-1. GROUNDWATER ANALYICAL RESULTS IN ON-SITE WELLS**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Residential Screening Levels		Unit	M-155	M-161	M-161D		M-162	M-162D		M-163	M-164	M-165	M-181	M-182
			01-21-2015	01-13-2015		01-19-2015	03-12-2015	01-13-2015	01-27-2015	03-12-2015	01-27-2015	01-28-2015	01-21-2015	01-21-2015	01-28-2015		
			Level	Source		M-155-20150121	M-161-20150113	M-161D-20150119	M-161D-20150312	M-162-20150113	M-162D-20150127	M-162D-20150312	M-163-20150127	M-164-20150128	M-165-20150121	M-181-20150121	M-182-20150128
Chlorates	Chlorate	EPA 300.1	1,000	BCL	µg/l	<20	<50	<20	<10	110,000	<10	<10	37	140,000	64	<20	420,000
	Perchlorate	EPA 314.0	18	BCL	µg/l	<0.95	7.0	190	110	86,000	3.9 J	6.1	36	740,000	28	<0.95	8,200
Common Metals	Aluminum	EPA 200.7	0.05	BCL	mg/l	<0.025	<0.025	<0.025	<0.025	<0.025	0.027 J	<0.025	0.027 J	<0.025	<0.025	<0.025	<0.13
	Antimony	EPA 200.8	0.006	MCL	mg/l	<0.00050	--	<0.00050	--	--	<0.00050	--	--	--	--	--	--
	Arsenic	EPA 200.8	0.01	MCL	mg/l	0.016	0.03	0.024	0.022	0.027	0.025	0.026	0.039	0.028	0.045	0.044	0.02
	Barium	EPA 200.7	2	MCL	mg/l	0.031	--	0.024	--	--	0.016	--	--	--	--	--	--
	Boron	EPA 200.7	6.67	BCL	mg/l	0.80	0.92	0.82	0.92	0.83	0.70	0.75	0.84	2.1	0.74	0.72	2.1
	Cadmium	EPA 200.7	0.005	MCL	mg/l	<0.0020	--	<0.0020	--	--	<0.0020	--	--	--	--	--	--
	Chromium (total)	EPA 200.7	0.1	MCL	mg/l	0.022	0.024	0.019	0.019	0.024	0.029	0.029	0.026	4.8	0.024	0.039	1.2
	Cobalt	EPA 200.7	0.01	BCL	mg/l	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.013
	Copper	EPA 200.7	1.3	MCL	mg/l	<0.0050	--	<0.0050	--	--	<0.0050	--	--	--	--	--	--
	Iron	EPA 200.7	0.3	BCL	mg/l	<0.010	<0.010	0.010 J	<0.010	<0.010	0.010 J	<0.010	<0.010	0.017 J	0.014 J	<0.010	<0.050
	Lead	EPA 200.7	0.015	MCL	mg/l	<0.0025	<0.0025	0.0034 J	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	0.0025 UJ	<0.013
	Magnesium	EPA 200.7	189	BCL	mg/l	14	18	18	18	15	13	14	13	200	13	13	510
	Manganese	EPA 200.7	0.02	BCL	mg/l	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.050
	Mercury	EPA 7470	0.002	BCL	mg/l	<0.00010	--	<0.00010	--	--	0.00010 UJ	--	--	--	--	--	--
Nickel	EPA 200.7	0.667	BCL	mg/l	<0.0050	--	<0.0050	--	--	<0.0050	--	--	--	--	--	--	
Zinc	EPA 200.7	10	BCL	mg/l	0.011 J	--	0.018 J	--	--	<0.010	--	--	--	--	--	--	
Hexavalent Chromium	Chromium VI	EPA 218.6	100	BCL	µg/l	20	21	18 J	17 J	23	29 J	26	26 J	5,000	23	37 J	1,200
Rare Metals	Strontium	EPA 200.7	20	BCL	mg/l	0.90	1.0	1.1	1.1	1.9	0.80	0.82	0.85	12	0.73	0.83	26
	Tungsten	EPA 200.7	0.25	BCL	mg/l	<0.50	<0.50	<0.50	<0.50 R	<0.50	<0.50 R	<0.50 R	<0.50 R	<0.50	<0.50	<0.50 R	<2.5
	Vanadium	EPA 200.7	0.167	BCL	mg/l	0.015	--	0.018	--	--	0.018	--	--	--	--	--	--
VOCs	Benzene	EPA 8260	5	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<1.0
	Bromobenzene	EPA 8260	85.2	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<1.0
	Bromochloromethane	EPA 8260	83	RSL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<1.0
	Bromodichloromethane	EPA 8260	80	MCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<1.0
	Bromoform	EPA 8260	80	MCL	µg/l	<0.40	<0.40	<0.40	<0.40	0.40 J	<0.40	<0.40	<0.40	0.40 J	0.54 J	<0.40	<1.6
	Bromomethane	EPA 8260	8.53	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<1.0
	2-Butanone	EPA 8260	6,860	BCL	µg/l	<2.5	<2.5	<2.5	<2.5	<2.5	2.5 UJ	<2.5	2.5 UJ	<2.5	<2.5	<2.5	<10
	n-Butylbenzene	EPA 8260	238	BCL	µg/l	<0.40	<0.40	<0.40	0.40 UJ	<0.40	<0.40	0.40 UJ	<0.40	<0.40	<0.40	<0.40	<1.6
	sec-Butylbenzene	EPA 8260	238	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<1.0
	Carbon tetrachloride	EPA 8260	5	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	0.56	<0.25	<0.25	4.6
	Chlorobenzene	EPA 8260	100	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<1.0
	Chloroethane	EPA 8260	26.9	BCL	µg/l	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<1.6
	Chloroform	EPA 8260	80	MCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	230	0.47 J	<0.25	1,200
	Chloromethane	EPA 8260	3.12	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<1.0
	2-Chlorotoluene	EPA 8260	90.2	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<1.0
	4-Chlorotoluene	EPA 8260	250	RSL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<1.0
	Cumene	EPA 8260	667	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<1.0
	p-Cymene	EPA 8260	834	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<1.0
	Dibromochloromethane	EPA 8260	80	MCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<1.0
	1,2-Dibromoethane	EPA 8260	0.05	MCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<1.0
	Dibromomethane	EPA 8260	8.14	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<1.0
	1,2-Dichlorobenzene	EPA 8260	600	MCL	µg/l	<0.25	<0.50	<0.50	<0.25	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<1.0
	1,2-Dichlorobenzene	EPA 8270	600	MCL	µg/l	--	--	<0.20	--	--	<0.22	--	--	--	--	--	--
1,3-Dichlorobenzene	EPA 8260	80.7	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<1.0	
1,4-Dichlorobenzene	EPA 8260	75	MCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<1.0	
1,4-Dichlorobenzene	EPA 8270	75	MCL	µg/l	--	--	<0.20	--	--	<0.22	--	--	--	--	--	--	

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**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Residential Screening Levels		Unit	M-155	M-161	M-161D		M-162	M-162D		M-163	M-164	M-165	M-181	M-182
			01-21-2015	01-13-2015		01-19-2015	03-12-2015	01-13-2015	01-27-2015	03-12-2015	01-27-2015	01-28-2015	01-21-2015	01-21-2015	01-28-2015		
			Level	Source		M-155-20150121	M-161-20150113	M-161D-20150119	M-161D-20150312	M-162-20150113	M-162D-20150127	M-162D-20150312	M-163-20150127	M-164-20150128	M-165-20150121	M-181-20150121	M-182-20150128
VOCs	Dichlorodifluoromethane	EPA 8260	393	BCL	µg/l	0.25 UJ	0.25 UJ	0.25 UJ	0.25 UJ	0.25 UJ	0.25 UJ	0.25 UJ	0.25 UJ	0.25 UJ	0.25 UJ	0.25 UJ	1.0 UJ
	1,1-Dichloroethane	EPA 8260	2.79	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<1.0
	1,2-Dichloroethane	EPA 8260	5	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<1.0
	1,1-Dichloroethene	EPA 8260	7	MCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<1.0
	cis-1,2-Dichloroethene	EPA 8260	70	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<1.0
	trans-1,2-Dichloroethene	EPA 8260	100	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<1.0
	1,2-Dichloropropane	EPA 8260	5	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<1.0
	1,3-Dichloropropane	EPA 8260	8.24	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<1.0
	2,2-Dichloropropane	EPA 8260			µg/l	<0.40	<0.40	<0.40	0.40 UJ	<0.40	<0.40	0.40 UJ	<0.40	<0.40	<0.40	<0.40	<1.6
	1,1-Dichloropropene	EPA 8260			µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<1.0
	cis-1,3-Dichloropropene	EPA 8260			µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<1.0
	trans-1,3-Dichloropropene	EPA 8260			µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<1.0
	1,4-Dioxane	EPA 8260BSIM	0.779	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--
	1,4-Dioxane	EPA 8260SIM	0.779	BCL	µg/l	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
	Ethyl benzene	EPA 8260	700	MCL	µg/l	<b>0.70</b>	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<1.0
	Ethyl tert-butyl ether	EPA 8260			µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<1.0
	Hexachlorobutadiene	EPA 8260	0.999	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<1.0
	Methylene chloride	EPA 8260	5	BCL	µg/l	<0.88	<0.88	0.88 UJ	<0.88	<0.88	<0.88	<0.88	<0.88	<0.88	<0.88	<0.88	<3.5
	Naphthalene	EPA 8260	0.165	BCL	µg/l	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<b>0.70 J</b>	<0.40	<0.40	<0.40	<1.6
	n-Propylbenzene	EPA 8260	238	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<1.0
	Styrene	EPA 8260	100	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<1.0
	1,1,1,2-Tetrachloroethane	EPA 8260	0.605	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<1.0
	1,1,1,2,2-Tetrachloroethane	EPA 8260	0.0775	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	0.25 UJ	<0.25	0.25 UJ	<0.25	<0.25	<0.25	<1.0
	Tetrachloroethene	EPA 8260	5	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<1.0
	Toluene	EPA 8260	1,000	MCL	µg/l	<b>0.38 J</b>	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<1.0
	1,2,3-Trichlorobenzene	EPA 8260	7	RSL	µg/l	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<b>0.90 J</b>	<0.40	<0.40	<0.40	<1.6
	1,2,4-Trichlorobenzene	EPA 8260	70	MCL	µg/l	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<b>0.44 J</b>	<0.40	<0.40	<0.40	<1.6
	1,1,1-Trichloroethane	EPA 8260	200	MCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<1.0
	1,1,2-Trichloroethane	EPA 8260	5	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<1.0
	Trichloroethene	EPA 8260	5	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<b>2.0</b>	<0.25	<0.25	<1.0
	Trichlorofluoromethane	EPA 8260	1,270	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	0.25 UJ	<0.25	<0.25	1.0 UJ
	1,2,3-Trichloropropane	EPA 8260	0.0026	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	0.25 UJ	<0.25	0.25 UJ	<0.25	<0.25	<0.25	<1.0
	1,2,3-Trichloropropane	EPA 8260BSIM	0.0026	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--
1,2,3-Trichloropropane	EPA 8260SIM	0.0026	BCL	µg/l	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<b>0.085</b>	<0.0025	<0.0025	<b>0.14</b>	
1,2,4-Trimethylbenzene	EPA 8260	14.6	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<1.0	
1,3,5-Trimethylbenzene	EPA 8260	14.5	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<1.0	
Vinyl chloride	EPA 8260	2	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<1.0	
m,p-Xylene	EPA 8260			µg/l	<b>3.1</b>	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	
o-Xylene	EPA 8260	1,200	BCL	µg/l	<b>2.0</b>	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<1.0	
1,2-Dibromo-3-chloropropane	EPA 8260	0.2	MCL	µg/l	<0.50	<0.50	<0.50	<0.50	<0.50	0.50 UJ	<0.50	0.50 UJ	<0.50	<0.50	<0.50	<2.0	
tert-Butylbenzene	EPA 8260	238	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<1.0	
SVOCs	Acenaphthene	EPA 8270	6.24	BCL	µg/l	--	--	<0.20	--	--	<0.22	--	--	--	--	--	
	Aniline	EPA 8270	13.7	BCL	µg/l	--	--	<2.0	--	--	<2.2	--	--	--	--	--	
	Anthracene	EPA 8270	6.25	BCL	µg/l	--	--	<0.20	--	--	<0.22	--	--	--	--	--	
	Benzidine	EPA 8270	0.000339	BCL	µg/l	--	--	4.9 UJ	--	--	<5.5 R	--	--	--	--	--	
	Benzo(k)fluoranthene	EPA 8270	1.07	BCL	µg/l	--	--	<0.24	--	--	<0.27	--	--	--	--	--	
	Benzoic acid	EPA 8270	133,000	BCL	µg/l	--	--	<2.0	--	--	<2.2	--	--	--	--	--	
	Benzyl alcohol	EPA 8270	16,700	BCL	µg/l	--	--	2.0 UJ	--	--	2.2 UJ	--	--	--	--	--	

**TABLE B-1. GROUNDWATER ANALYICAL RESULTS IN ON-SITE WELLS**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Residential Screening Levels		Unit	M-155	M-161	M-161D		M-162	M-162D		M-163	M-164	M-165	M-181	M-182
			01-21-2015	01-13-2015		01-19-2015	03-12-2015	01-13-2015	01-27-2015	03-12-2015	01-27-2015	01-28-2015	01-21-2015	01-21-2015	01-28-2015		
			Level	Source		M-155-20150121	M-161-20150113	M-161D-20150119	M-161D-20150312	M-162-20150113	M-162D-20150127	M-162D-20150312	M-163-20150127	M-164-20150128	M-165-20150121	M-181-20150121	M-182-20150128
SVOCs	4-Bromophenyl-phenyl ether	EPA 8270			µg/l	--	--	<0.49	--	--	<0.55	--	--	--	--	--	--
	Butylbenzylphthalate	EPA 8270	41	BCL	µg/l	--	--	<2.0	--	--	<2.2	--	--	--	--	--	--
	4-Chloroaniline	EPA 8270	0.39	BCL	µg/l	--	--	<0.98	--	--	1.1 UJ	--	--	--	--	--	--
	2-Chloronaphthalene	EPA 8270	2.08	BCL	µg/l	--	--	<0.20	--	--	<0.22	--	--	--	--	--	--
	2-Chlorophenol	EPA 8270	64.2	BCL	µg/l	--	--	<0.49	--	--	<0.55	--	--	--	--	--	--
	4-Chlorophenyl-phenyl ether	EPA 8270			µg/l	--	--	<0.20	--	--	<0.22	--	--	--	--	--	--
	Chrysene	EPA 8270	10.7	BCL	µg/l	--	--	<0.20	--	--	<0.22	--	--	--	--	--	--
	Di-n-butylphthalate	EPA 8270	3,340	BCL	µg/l	--	--	<0.98	--	--	<1.1	--	--	--	--	--	--
	Di-n-octylphthalate	EPA 8270	400	BCL	µg/l	--	--	<2.0	--	--	<2.2	--	--	--	--	--	--
	Dibenz(a,h)anthracene	EPA 8270	0.0107	BCL	µg/l	--	--	<0.24	--	--	0.27 UJ	--	--	--	--	--	--
	Dibenzofuran	EPA 8270	66.7	BCL	µg/l	--	--	<0.20	--	--	<0.22	--	--	--	--	--	--
	1,3-Dichlorobenzene	EPA 8270	80.7	BCL	µg/l	--	--	<0.20	--	--	<0.22	--	--	--	--	--	--
	3,3'-Dichlorobenzidine	EPA 8270	0.173	BCL	µg/l	--	--	2.0 UJ	--	--	<2.2 R	--	--	--	--	--	--
	2,4-Dichlorophenol	EPA 8270	100	BCL	µg/l	--	--	<0.98	--	--	<1.1	--	--	--	--	--	--
	Diethylphthalate	EPA 8270	26,700	BCL	µg/l	--	--	<b>1.0</b>	--	--	<0.55	--	--	--	--	--	--
	2,4-Dimethylphenol	EPA 8270	667	BCL	µg/l	--	--	<0.98	--	--	<1.1	--	--	--	--	--	--
	Dimethylphthalate	EPA 8270	334,000	BCL	µg/l	--	--	<0.24	--	--	<0.27	--	--	--	--	--	--
	2,4-Dinitrophenol	EPA 8270	66.7	BCL	µg/l	--	--	<2.0	--	--	<2.2	--	--	--	--	--	--
	2,4-Dinitrotoluene	EPA 8270	0.251	BCL	µg/l	--	--	<2.0	--	--	<2.2	--	--	--	--	--	--
	2,6-Dinitrotoluene	EPA 8270	33.4	BCL	µg/l	--	--	<2.0	--	--	<2.2	--	--	--	--	--	--
	1,2-Diphenylhydrazine	EPA 8270	0.0974	BCL	µg/l	--	--	<0.49	--	--	<0.55	--	--	--	--	--	--
	Fluoranthene	EPA 8270	1,330	BCL	µg/l	--	--	<0.20	--	--	<0.22	--	--	--	--	--	--
	Fluorene	EPA 8270	6.23	BCL	µg/l	--	--	<0.20	--	--	<0.22	--	--	--	--	--	--
	Hexachlorobenzene	EPA 8270	1	MCL	µg/l	--	--	<0.49	--	--	<0.55	--	--	--	--	--	--
	Hexachlorobutadiene	EPA 8270	0.999	BCL	µg/l	--	--	<0.49	--	--	<0.55	--	--	--	--	--	--
	Hexachlorocyclopentadiene	EPA 8270	50	BCL	µg/l	--	--	<2.0	--	--	<2.2	--	--	--	--	--	--
	Hexachloroethane	EPA 8270	5.56	BCL	µg/l	--	--	<0.49	--	--	<0.55	--	--	--	--	--	--
	Isophorone	EPA 8270	82	BCL	µg/l	--	--	<0.49	--	--	<0.55	--	--	--	--	--	--
	1-Methylnaphthalene	EPA 8270	1.1	RSL	µg/l	--	--	<3.4	--	--	<3.8	--	--	--	--	--	--
	2-Methylnaphthalene	EPA 8270	36	RSL	µg/l	--	--	<0.49	--	--	<0.55	--	--	--	--	--	--
	2-Methylphenol	EPA 8270	1,670	BCL	µg/l	--	--	<0.98	--	--	<1.1	--	--	--	--	--	--
	3&4-Methylphenol	EPA 8270			µg/l	--	--	<2.0	--	--	--	--	--	--	--	--	--
	4-Methylphenol	EPA 8270	167	BCL	µg/l	--	--	--	--	--	<2.2	--	--	--	--	--	--
	Naphthalene	EPA 8270	0.165	BCL	µg/l	--	--	<0.49	--	--	<0.55	--	--	--	--	--	--
	2-Nitroaniline	EPA 8270	100	BCL	µg/l	--	--	<2.0	--	--	<2.2	--	--	--	--	--	--
	3-Nitroaniline	EPA 8270			µg/l	--	--	<2.0	--	--	<2.2	--	--	--	--	--	--
	4-Nitroaniline	EPA 8270	3.8	RSL	µg/l	--	--	<2.0	--	--	<2.2	--	--	--	--	--	--
	Nitrobenzene	EPA 8270	0.14	BCL	µg/l	--	--	<0.49	--	--	<0.55	--	--	--	--	--	--
	2-Nitrophenol	EPA 8270			µg/l	--	--	<0.98	--	--	<1.1	--	--	--	--	--	--
	4-Nitrophenol	EPA 8270	267	BCL	µg/l	--	--	<2.0	--	--	<2.2	--	--	--	--	--	--
n-Nitrosodiphenylamine	EPA 8270	15.9	BCL	µg/l	--	--	<0.49	--	--	<0.55	--	--	--	--	--	--	
Octachlorostyrene	EPA 8270			µg/l	--	--	<6.3	--	--	<7.1	--	--	--	--	--	--	
Pentachlorophenol	EPA 8270	1	BCL	µg/l	--	--	<0.98	--	--	<1.1	--	--	--	--	--	--	
Phenol	EPA 8270	10,000	BCL	µg/l	--	--	<0.49	--	--	<0.55	--	--	--	--	--	--	
Pyrene	EPA 8270	6.22	BCL	µg/l	--	--	<0.20	--	--	<0.22	--	--	--	--	--	--	
1,2,4-Trichlorobenzene	EPA 8270	70	MCL	µg/l	--	--	<0.49	--	--	<0.55	--	--	--	--	--	--	
2,4,5-Trichlorophenol	EPA 8270	3,340	BCL	µg/l	--	--	<0.98	--	--	<1.1	--	--	--	--	--	--	
2,4,6-Trichlorophenol	EPA 8270	7.08	BCL	µg/l	--	--	<0.49	--	--	<0.55	--	--	--	--	--	--	



**TABLE B-1. GROUNDWATER ANALYICAL RESULTS IN ON-SITE WELLS**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Residential Screening Levels		Unit	M-155	M-161	M-161D		M-162	M-162D		M-163	M-164	M-165	M-181	M-182
			Level	Source		01-21-2015	01-13-2015	01-19-2015	03-12-2015	01-13-2015	01-27-2015	03-12-2015	01-27-2015	01-28-2015	01-21-2015	01-21-2015	01-28-2015
						M-155-20150121	M-161-20150113	M-161D-20150119	M-161D-20150312	M-162-20150113	M-162D-20150127	M-162D-20150312	M-163-20150127	M-164-20150128	M-165-20150121	M-181-20150121	M-182-20150128
SVOCs	bis(2-Chloro-1-methylethyl) ether	EPA 8270	0.373	BCL	µg/l	--	--	<0.20	--	--	<0.22	--	--	--	--	--	--
	bis(2-Chloroethoxy)methane	EPA 8270	59	RSL	µg/l	--	--	<0.20	--	--	<0.22	--	--	--	--	--	--
	bis(2-Chloroethyl) ether	EPA 8270	0.0137	BCL	µg/l	--	--	<0.20	--	--	<0.22	--	--	--	--	--	--
	bis(2-Ethylhexyl)phthalate	EPA 8270	6	BCL	µg/l	--	--	<2.0	--	--	2.2 UJ	--	--	--	--	--	--
	4,6-Dinitro-2-methylphenol	EPA 8270			µg/l	--	--	<2.0	--	--	<2.2	--	--	--	--	--	--
	4-Chloro-3-methylphenol	EPA 8270	1,400	RSL	µg/l	--	--	<0.20	--	--	<0.22	--	--	--	--	--	--
n-Nitroso-di-n-propylamine	EPA 8270	0.0111	BCL	µg/l	--	--	0.98 UJ	--	--	<1.1	--	--	--	--	--	--	
Organo-chlorine Pesticides	Aldrin	EPA 8081	0.00458	BCL	µg/l	--	--	<0.0016	--	--	0.0016 UJ	--	--	--	--	--	--
	alpha-BHC	EPA 8081	10	BCL	µg/l	--	--	<0.0026	--	--	<0.0027	--	--	--	--	--	--
	beta-BHC	EPA 8081	2	BCL	µg/l	--	--	<0.0042	--	--	<0.0044	--	--	--	--	--	--
	delta-BHC	EPA 8081	10	BCL	µg/l	--	--	<0.0037	--	--	<0.0038	--	--	--	--	--	--
	gamma-BHC	EPA 8081	0.2	BCL	µg/l	--	--	<0.0031	--	--	<0.0033	--	--	--	--	--	--
	gamma-Chlordane	EPA 8081			µg/l	--	--	<0.031	--	--	<0.033	--	--	--	--	--	--
	4,4'-DDD	EPA 8081	0.325	BCL	µg/l	--	--	<0.0042	--	--	<0.0044	--	--	--	--	--	--
	2,4'-DDE	EPA 8081			µg/l	--	--	<0.021	--	--	<0.022	--	--	--	--	--	--
	4,4'-DDE	EPA 8081	0.229	BCL	µg/l	--	--	<0.0031	--	--	<0.0033	--	--	--	--	--	--
	4,4'-DDT	EPA 8081	0.229	BCL	µg/l	--	--	<0.0042	--	--	<0.0044	--	--	--	--	--	--
	Dieldrin	EPA 8081	0.00487	BCL	µg/l	--	--	<0.0021	--	--	<0.0022	--	--	--	--	--	--
	Endosulfan I	EPA 8081			µg/l	--	--	<0.0031	--	--	<0.0033	--	--	--	--	--	--
	Endosulfan II	EPA 8081			µg/l	--	--	0.0021 UJ	--	--	<0.0022	--	--	--	--	--	--
	Endosulfan sulfate	EPA 8081			µg/l	--	--	<0.0031	--	--	<0.0033	--	--	--	--	--	--
	Endrin	EPA 8081	2	BCL	µg/l	--	--	<0.0021	--	--	<0.0022	--	--	--	--	--	--
	Endrin aldehyde	EPA 8081			µg/l	--	--	<0.0021	--	--	<0.0022	--	--	--	--	--	--
	Endrin ketone	EPA 8081			µg/l	--	--	<0.0073	--	--	<0.0077	--	--	--	--	--	--
Heptachlor	EPA 8081	0.4	MCL	µg/l	--	--	<0.0031	--	--	<0.0033	--	--	--	--	--	--	
Heptachlor epoxide	EPA 8081	0.2	BCL	µg/l	--	--	<0.0026	--	--	<0.0027	--	--	--	--	--	--	
Methoxychlor	EPA 8081	40	MCL	µg/l	--	--	<0.0037	--	--	<0.0038	--	--	--	--	--	--	
Toxaphene	EPA 8081	3	MCL	µg/l	--	--	0.26 UJ	--	--	<0.27	--	--	--	--	--	--	
PAHs	Acenaphthylene	EPA 8270	6.22	BCL	µg/l	--	--	<0.20	--	--	<0.22	--	--	--	--	--	--
	Benzo(a)anthracene	EPA 8270	0.107	BCL	µg/l	--	--	<2.0	--	--	<2.2	--	--	--	--	--	--
	Benzo(a)pyrene	EPA 8270	0.2	BCL	µg/l	--	--	<0.49	--	--	0.55 UJ	--	--	--	--	--	--
	Benzo(b)fluoranthene	EPA 8270	0.107	BCL	µg/l	--	--	<0.98	--	--	<1.1	--	--	--	--	--	--
	Benzo(g,h,i)perylene	EPA 8270	1,000	BCL	µg/l	--	--	2.0 UJ	--	--	2.2 UJ	--	--	--	--	--	--
	Indeno(1,2,3-cd)pyrene	EPA 8270	0.107	BCL	µg/l	--	--	<0.98	--	--	1.1 UJ	--	--	--	--	--	--
	Phenanthrene	EPA 8270	6.22	BCL	µg/l	--	--	<0.20	--	--	<0.22	--	--	--	--	--	--
Radionuclides	Radium-226	EPA 903.0	5	BCL	pCi/l	<b>0.255</b>	<b>0.214</b>	<b>0.109 J</b>	<0.147	<b>0.233</b>	<b>0.120</b>	<0.190	<b>0.177</b>	<b>1.79</b>	<b>0.121</b>	<b>0.131</b>	<b>0.568 J</b>
	Radium-228	EPA 904.0	5	BCL	pCi/l	<0.308	<0.321	<0.379	<0.311	<0.351	<0.338	<0.327	<0.371	<b>1.56</b>	<0.327	<0.286	0.400 UJ
	Thorium-228	DOE A-01-R	0.14	BCL	pCi/l	<0.535	<0.157	<0.166	<0.720	<0.198	<0.811	<0.587	<0.447	<0.849	<0.571	<0.522	<0.419
	Thorium-230	DOE A-01-R	0.05	BCL	pCi/l	<b>0.736 J</b>	<b>0.0771 J</b>	<0.197	<b>0.529 J</b>	<0.167	<b>0.865 J</b>	<0.402	<b>0.634</b>	<b>0.889</b>	<b>0.640 J</b>	<b>0.890 J</b>	<b>0.860</b>
	Thorium-232	DOE A-01-R	0.17	BCL	pCi/l	<0.319	<0.116	<0.165	<0.343	<0.117	<0.686	<0.149	<0.0655	<0.555	<0.369	<0.154	<0.246
	Uranium-233/234	DOE A-01-R			pCi/l	<b>1.76</b>	<b>1.89</b>	<b>1.84</b>	<b>2.31</b>	<b>2.53</b>	<b>2.11</b>	<b>2.06</b>	<b>4.45</b>	<b>6.94</b>	<b>3.76</b>	<b>3.24</b>	<b>7.54</b>
	Uranium-235/236	DOE A-01-R			pCi/l	<b>0.0986</b>	<b>0.0836</b>	<0.130	<0.479	<b>0.172</b>	<b>0.0899</b>	<0.408	<0.138	<b>0.439</b>	<0.166	<0.184	<b>0.506</b>
	Uranium-238	DOE A-01-R			pCi/l	<b>1.26</b>	<b>1.70</b>	<b>1.53</b>	<b>1.79</b>	<b>2.25</b>	<b>1.34</b>	<b>1.50</b>	<b>3.54</b>	<b>4.91</b>	<b>3.52</b>	<b>2.90</b>	<b>4.98</b>
Uranium-238	EPA 6020	30	BCL	µg/l	<b>3.9</b>	<b>4.8</b>	<b>4.3 J</b>	<b>3.9 J</b>	<b>6.7</b>	<b>4.6</b>	<b>4.5 J</b>	<b>11</b>	<b>20</b>	<b>11</b>	<b>10</b>	<b>18</b>	
General Chemistry	Alkalinity (as CaCO3)	SM 2320			µg/l	<b>76,000</b>	--	<b>85,000</b>	--	--	<b>83,000</b>	--	--	--	--	--	--
	Ammonia (as N)	SM 4500-NH3			µg/l	--	--	--	--	--	--	--	--	--	--	--	--
	Ammonia (as N)	SM 4500			µg/l	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100
	Bicarbonate as HCO3	SM 2320			mg/l	<b>92</b>	--	<b>100</b>	--	--	<b>100</b>	--	--	--	--	--	--



**TABLE B-1. GROUNDWATER ANALYICAL RESULTS IN ON-SITE WELLS**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Residential Screening Levels		Unit	M-155	M-161	M-161D		M-162	M-162D		M-163	M-164	M-165	M-181	M-182
			01-21-2015	01-13-2015		01-19-2015	03-12-2015	01-13-2015	01-27-2015	03-12-2015	01-27-2015	01-28-2015	01-21-2015	01-21-2015	01-28-2015		
			Level	Source		M-155-20150121	M-161-20150113	M-161D-20150119	M-161D-20150312	M-162-20150113	M-162D-20150127	M-162D-20150312	M-163-20150127	M-164-20150128	M-165-20150121	M-181-20150121	M-182-20150128
General Chemistry	Bromide	EPA 300			mg/l	0.28 J	0.26 J	0.28 J	0.37 J	0.36 J	0.56	0.29 J	0.93	8.1	0.26 J	0.71 J	<5
	Calcium	EPA 200.7			mg/l	26	--	26	--	--	21	--	--	--	--	--	--
	Carbon	EPA 5310			µg/l	<650	--	<650	--	--	<650	--	--	--	--	--	--
	Carbonate (CO3)	SM 2320			mg/l	<2.4	--	<2.4	--	--	<2.4	--	--	--	--	--	--
	Chloride	EPA 300	250	2 <sup>nd</sup> MCL	mg/l	120 J	110 J	110 J	110 J	170 J	70	69 J	94	860 J	56 J	53	5,200 J
	Cyanide (total)	SM 4500-CN-E	0.2	BCL	mg/l	--	--	--	--	--	--	--	--	--	--	--	--
	Dissolved Solids (total)	SM 2540C	500	2 <sup>nd</sup> MCL	mg/l	550	550	550	560	940	530	530	590	6,300	520	510	14,000
	Hydroxide	SM 2320			mg/l	<1.4	--	<1.4	--	--	<1.4	--	--	--	--	--	--
	Nitrate (as NO3)	EPA 300			mg/l	5.2	7.0	6.2	5.9	25	11	11	8.6	130	7.8	15 J	100
	Nitrate/Nitrite	EPA 300			µg/l	1,200	1,600	1,400	1,300	5,600	2,500	2,500	1,900	29,000	2,200	3,400 J	23,000
	Nitrite	EPA 300	1	BCL	mg/l	<0.07	<0.07	<0.07	<0.07	<0.07	<0.07	<0.07	<0.07	<0.07	0.4	<0.07	<1.4
	ortho-Phosphate (total) (as P)	EPA 300			mg/l	<0.08	--	<0.08	--	--	<0.08	--	--	--	--	--	--
	Phosphorus (total)	EPA 365.3	0.667	BCL	µg/l	<25	120	<25	56	<25	100 J	52	25 UJ	<25	<25	25 UJ	25 J
	Potassium	EPA 200.7			mg/l	6.3	--	7.1	--	--	5.5	--	--	--	--	--	--
	Sodium	EPA 200.7			mg/l	140	--	140	--	--	110	--	--	--	--	--	--
Sulfate	EPA 300			mg/l	160 J	160	160	150 J	170	170 J	170 J	170	540	190 J	180	1,200	
Sulfide (total)	EPA 9034			mg/l	1.0 UJ	--	1.0 UJ	--	--	1.0 UJ	--	--	--	--	--	--	
OTHER	4-Chlorobenzenesulfonic acid	SW8321A	33,400	BCL	µg/l	--	--	<0.097	--	--	<0.097	--	--	--	--	--	

**Notes:**

ft bgs: feet below ground surface

FD: Field Duplicate

GW: Groundwater

Above Screening Level

bold value: detection

Groundwater screening levels were selected according to the following hierarchy of criteria:

1. Maximum Contaminant Level (MCL): Primary United States Environmental Protections Agency (USEPA) maximum contaminant level (40 CFR Part 141).
2. Basic Contaminant Level (BCL): Residential water basic comparison levels in NDEP February 2015 BCL Spreadsheet or Target Water Activities for radionuclides (NDEP 2015).
3. Regional Screening Level (RSL): Tap water regional screening levels in USEPA Pacific Southwest, Region 9, Regional Screening Levels Chemical Specific Parameters table, June 2015. The screening levels were selected as the minimal values of carcinogenic screening level and noncarcinogenic screening level (USEPA 2015).
4. 2<sup>nd</sup> Maximum Contaminant Level (2<sup>nd</sup> MCL): National Secondary Drinking Water Regulations (40 CFR Part 143).

**Sources:**

NDEP, 2015. User's Guide and Background Technical Document for NDEP Basic

Comparison Levels (BCLs) for Human Health for the BMI Complex and Common Areas. Revision 13, February.

USEPA, 2015. Regional Screening Levels (RSL) for Chemical Contaminants at Superfund Sites. June.

USEPA. National Primary Drinking Water Regulations. Code of Federal Regulations, 40 CFR Part 141.

USEPA. National Secondary Drinking Water Regulations. Code of Federal Regulations, 40 CFR Part 143.

**TABLE B-1. GROUNDWATER ANALYICAL RESULTS IN ON-SITE WELLS**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Residential Screening Levels		Unit	M-186			M-186D		M-189		M-190			M-191	
			Level	Source		01-26-2015	01-26-2015	05-07-2015	01-26-2015	03-11-2015	01-19-2015	03-10-2015	01-19-2015	01-19-2015	03-10-2015	02-02-2015	03-10-2015
						M-186-20150126	M-186-20150126-FD	M-186-20150507	M-186D-20150126	M-186D-20150311	M-189-20150119	M-189-20150310	M-190-20150119	M-190-20150119-FD	M-190-20150310	M-191-20150202	M-191-20150310
Chlorates	Chlorate	EPA 300.1	1,000	BCL	µg/l	1,400,000	1,400,000	--	6,300	6,500	8,900	3,800	110,000	110,000	140,000	1,100,000	1,000,000
	Perchlorate	EPA 314.0	18	BCL	µg/l	270,000	250,000	--	2,000	2,200	940	850	9,400	9,500	9,700	70,000	64,000
Common Metals	Aluminum	EPA 200.7	0.05	BCL	mg/l	<0.025	<0.025	--	<0.025	<0.025	<0.025	<0.025	0.034 J	0.025 UJ	<0.025	<0.025	<0.025
	Antimony	EPA 200.8	0.006	MCL	mg/l	--	--	--	<0.00050	--	<0.00050	--	<0.00050	<0.00050	--	<0.0010	--
	Arsenic	EPA 200.8	0.01	MCL	mg/l	0.025	0.025	--	0.028	0.028	0.16	0.17	0.1	0.11	0.11	0.06	0.074
	Barium	EPA 200.7	2	MCL	mg/l	--	--	--	0.020	--	0.022	--	0.017	0.016	--	0.021	--
	Boron	EPA 200.7	6.67	BCL	mg/l	3.8 J	4.0 J	--	0.66	0.72	2.6	2.3	2.0	1.9	1.9	2.4	2.2
	Cadmium	EPA 200.7	0.005	MCL	mg/l	--	--	--	<0.0020	--	<0.0020	--	<0.0020	<0.0020	--	<0.0020	--
	Chromium (total)	EPA 200.7	0.1	MCL	mg/l	4.7	4.9	--	0.032	0.032	0.031	0.030	0.41	0.40	0.35	4.8	4.4
	Cobalt	EPA 200.7	0.01	BCL	mg/l	<0.0025	<0.0025	--	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
	Copper	EPA 200.7	1.3	MCL	mg/l	--	--	--	<0.0050	--	<0.0050	--	<0.0050	<0.0050	--	<0.0050	--
	Iron	EPA 200.7	0.3	BCL	mg/l	<0.010	<0.010	--	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
	Lead	EPA 200.7	0.015	MCL	mg/l	<0.0025	<0.0025	--	<0.0025	<0.0025	<0.0025	0.0052	<0.0025	<0.0025	0.0084	<0.0050	0.0042 J
	Magnesium	EPA 200.7	189	BCL	mg/l	280	300	--	13	14	86	77	80	77	75	72	64
	Manganese	EPA 200.7	0.02	BCL	mg/l	<0.010	<0.010	--	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
	Mercury	EPA 7470	0.002	BCL	mg/l	--	--	--	0.00010 UJ	--	<0.00010	--	<0.00010	<0.00010	--	<0.00010	--
Nickel	EPA 200.7	0.667	BCL	mg/l	--	--	--	<0.0050	--	<0.0050	--	<0.0050	<0.0050	--	<0.0050	--	
Zinc	EPA 200.7	10	BCL	mg/l	--	--	--	<0.010	--	<0.010	--	0.022 J	0.010 UJ	--	<0.010	--	
Hexavalent Chromium	Chromium VI	EPA 218.6	100	BCL	µg/l	4,400	4,400	--	31 J	28	28	25	390 J	390 J	350	5,800	3,700
Rare Metals	Strontium	EPA 200.7	20	BCL	mg/l	13	13	--	0.93	0.99	4.6	4.4	3.7	3.7	3.8	5.9	5.9
	Tungsten	EPA 200.7	0.25	BCL	mg/l	<0.50 R	<0.50 R	--	<0.50 R	<0.50 R	<0.50 R	<0.50	<0.50 R	<0.50 R	<0.50 R	<0.50 R	<0.50
	Vanadium	EPA 200.7	0.167	BCL	mg/l	--	--	--	0.019	--	0.045	--	0.047	0.046	--	0.034	--
VOCs	Benzene	EPA 8260	5	BCL	µg/l	<1.0	<1.0	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	Bromobenzene	EPA 8260	85.2	BCL	µg/l	<1.0	<1.0	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	Bromochloromethane	EPA 8260	83	RSL	µg/l	<1.0	<1.0	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	Bromodichloromethane	EPA 8260	80	MCL	µg/l	<1.0	<1.0	<0.50	<0.25	<0.25	<0.25	0.28 J	<0.25	<0.25	<0.25	0.32 J	0.34 J
	Bromoform	EPA 8260	80	MCL	µg/l	<1.6	<1.6	<0.80	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
	Bromomethane	EPA 8260	8.53	BCL	µg/l	<1.0	<1.0	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	2-Butanone	EPA 8260	6,860	BCL	µg/l	<10	<10	<5.0	2.5 UJ	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
	n-Butylbenzene	EPA 8260	238	BCL	µg/l	<1.6	<1.6	<0.80	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
	sec-Butylbenzene	EPA 8260	238	BCL	µg/l	<1.0	<1.0	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	Carbon tetrachloride	EPA 8260	5	BCL	µg/l	<1.0	<1.0	<0.50	<0.25	<0.25	<0.25	<0.25	0.25 J	0.29 J	0.25 J	0.25 UJ	<0.25
	Chlorobenzene	EPA 8260	100	BCL	µg/l	<1.0	<1.0	<0.50	<0.25	<0.25	0.25 UJ	<0.25	0.25 UJ	0.25 UJ	<0.25	<0.25	<0.25
	Chloroethane	EPA 8260	26.9	BCL	µg/l	<1.6	<1.6	<0.80	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
	Chloroform	EPA 8260	80	MCL	µg/l	790	810	540	1.3	1.1	1.9	1.8	9.7	9.5	9.3	34	46
	Chloromethane	EPA 8260	3.12	BCL	µg/l	<1.0	<1.0	<0.50	<0.25	<0.25	0.25 UJ	<0.25	0.25 UJ	0.25 UJ	<0.25	<0.25	<0.25
	2-Chlorotoluene	EPA 8260	90.2	BCL	µg/l	<1.0	<1.0	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	4-Chlorotoluene	EPA 8260	250	RSL	µg/l	<1.0	<1.0	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	Cumene	EPA 8260	667	BCL	µg/l	<1.0	<1.0	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	p-Cymene	EPA 8260	834	BCL	µg/l	<1.0	<1.0	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	Dibromochloromethane	EPA 8260	80	MCL	µg/l	<1.0	<1.0	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	1,2-Dibromoethane	EPA 8260	0.05	MCL	µg/l	<1.0	<1.0	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	Dibromomethane	EPA 8260	8.14	BCL	µg/l	<1.0	<1.0	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	1,2-Dichlorobenzene	EPA 8260	600	MCL	µg/l	<1.0	<1.0	<0.50	<0.25	<0.25	<0.50	<0.25	<0.50	<0.50	<0.25	<0.25	<0.25
1,2-Dichlorobenzene	EPA 8270	600	MCL	µg/l	--	--	--	<0.20	--	<0.20	--	<0.20	<0.20	--	<0.20	--	
1,3-Dichlorobenzene	EPA 8260	80.7	BCL	µg/l	<1.0	<1.0	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	
1,4-Dichlorobenzene	EPA 8260	75	MCL	µg/l	<1.0	<1.0	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	
1,4-Dichlorobenzene	EPA 8270	75	MCL	µg/l	--	--	--	<0.20	--	<0.20	--	<0.20	<0.20	--	<0.20	--	

**TABLE B-1. GROUNDWATER ANALYICAL RESULTS IN ON-SITE WELLS**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Residential Screening Levels		Unit	M-186			M-186D		M-189		M-190			M-191	
			Level	Source		01-26-2015	01-26-2015	05-07-2015	01-26-2015	03-11-2015	01-19-2015	03-10-2015	01-19-2015	01-19-2015	03-10-2015	02-02-2015	03-10-2015
						M-186-20150126	M-186-20150126-FD	M-186-20150507	M-186D-20150126	M-186D-20150311	M-189-20150119	M-189-20150310	M-190-20150119	M-190-20150119-FD	M-190-20150310	M-191-20150202	M-191-20150310
VOCs	Dichlorodifluoromethane	EPA 8260	393	BCL	µg/l	1.0 UJ	1.0 UJ	<0.50	0.25 UJ	0.25 UJ	0.25 UJ	<0.25	0.25 UJ	0.25 UJ	<0.25	0.25 UJ	<0.25
	1,1-Dichloroethane	EPA 8260	2.79	BCL	µg/l	<1.0	<1.0	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	1,2-Dichloroethane	EPA 8260	5	BCL	µg/l	<1.0	<1.0	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	1,1-Dichloroethene	EPA 8260	7	MCL	µg/l	<1.0	<1.0	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	cis-1,2-Dichloroethene	EPA 8260	70	BCL	µg/l	<1.0	<1.0	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	trans-1,2-Dichloroethene	EPA 8260	100	BCL	µg/l	<1.0	<1.0	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	1,2-Dichloropropane	EPA 8260	5	BCL	µg/l	<1.0	<1.0	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	1,3-Dichloropropane	EPA 8260	8.24	BCL	µg/l	<1.0	<1.0	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	2,2-Dichloropropane	EPA 8260			µg/l	<1.6	<1.6	<0.80	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
	1,1-Dichloropropene	EPA 8260			µg/l	<1.0	<1.0	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	cis-1,3-Dichloropropene	EPA 8260			µg/l	<1.0	<1.0	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	trans-1,3-Dichloropropene	EPA 8260			µg/l	<1.0	<1.0	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	0.25 UJ	<0.25
	1,4-Dioxane	EPA 8260BSIM	0.779	BCL	µg/l	--	--	<0.50	--	--	--	--	--	--	--	--	--
	1,4-Dioxane	EPA 8260SIM	0.779	BCL	µg/l	<0.50	<0.50	--	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
	Ethyl benzene	EPA 8260	700	MCL	µg/l	<1.0	<1.0	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	Ethyl tert-butyl ether	EPA 8260			µg/l	<1.0	<1.0	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	Hexachlorobutadiene	EPA 8260	0.999	BCL	µg/l	<1.0	<1.0	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	Methylene chloride	EPA 8260	5	BCL	µg/l	<3.5	<3.5	<1.8	<0.88	<0.88	<0.88	<0.88	<0.88	<0.88	<0.88	<0.88	<0.88
	Naphthalene	EPA 8260	0.165	BCL	µg/l	<1.6	<1.6	<0.80	<0.40	0.40 UJ	<0.40	0.40 UJ	<0.40	<0.40	0.40 UJ	<0.40	0.40 UJ
	n-Propylbenzene	EPA 8260	238	BCL	µg/l	<1.0	<1.0	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	Styrene	EPA 8260	100	BCL	µg/l	<1.0	<1.0	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	1,1,1,2-Tetrachloroethane	EPA 8260	0.605	BCL	µg/l	<1.0	<1.0	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	1,1,1,2,2-Tetrachloroethane	EPA 8260	0.0775	BCL	µg/l	1.0 UJ	1.0 UJ	<0.50	0.25 UJ	<0.25	0.25 UJ	<0.25	0.25 UJ	0.25 UJ	<0.25	<0.25	<0.25
	Tetrachloroethene	EPA 8260	5	BCL	µg/l	<1.0	<1.0	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<b>0.31 J</b>
	Toluene	EPA 8260	1,000	MCL	µg/l	<1.0	<1.0	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<b>0.27 J</b>
	1,2,3-Trichlorobenzene	EPA 8260	7	RSL	µg/l	<1.6	<1.6	<0.80	<0.40	<0.40	0.40 UJ	<0.40	0.40 UJ	0.40 UJ	<0.40	<0.40	<0.40
	1,2,4-Trichlorobenzene	EPA 8260	70	MCL	µg/l	<1.6	<1.6	<0.80	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	0.40 UJ	<0.40
	1,1,1-Trichloroethane	EPA 8260	200	MCL	µg/l	<1.0	<1.0	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	0.25 UJ	<0.25
	1,1,2-Trichloroethane	EPA 8260	5	BCL	µg/l	<1.0	<1.0	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	Trichloroethene	EPA 8260	5	BCL	µg/l	<1.0	<1.0	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	Trichlorofluoromethane	EPA 8260	1,270	BCL	µg/l	<1.0	<1.0	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	0.25 UJ	<0.25
	1,2,3-Trichloropropane	EPA 8260	0.0026	BCL	µg/l	<1.0	<1.0	<0.50	0.25 UJ	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	0.25 UJ	<0.25
1,2,3-Trichloropropane	EPA 8260BSIM	0.0026	BCL	µg/l	--	--	<b>0.045</b>	--	--	--	--	--	--	--	--	--	
1,2,3-Trichloropropane	EPA 8260SIM	0.0026	BCL	µg/l	<b>0.062</b>	<b>0.066</b>	--	<0.0025	<0.0025	<0.0025	<0.0025	<b>0.0086</b>	<b>0.0083</b>	<b>0.0088</b>	<0.0025	<b>0.0025 J</b>	
1,2,4-Trimethylbenzene	EPA 8260	14.6	BCL	µg/l	<1.0	<1.0	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	
1,3,5-Trimethylbenzene	EPA 8260	14.5	BCL	µg/l	<1.0	<1.0	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	
Vinyl chloride	EPA 8260	2	BCL	µg/l	<1.0	<1.0	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	
m,p-Xylene	EPA 8260			µg/l	<2.0	<2.0	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
o-Xylene	EPA 8260	1,200	BCL	µg/l	<1.0	<1.0	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	
1,2-Dibromo-3-chloropropane	EPA 8260	0.2	MCL	µg/l	<2.0	<2.0	<1.0	0.50 UJ	0.50 UJ	0.50 UJ	<0.50	0.50 UJ	0.50 UJ	<0.50	<0.50	<0.50	
tert-Butylbenzene	EPA 8260	238	BCL	µg/l	<1.0	<1.0	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	
SVOCs	Acenaphthene	EPA 8270	6.24	BCL	µg/l	--	--	--	<0.20	--	<0.20	--	<0.20	<0.20	--	<0.20	--
	Aniline	EPA 8270	13.7	BCL	µg/l	--	--	--	<2.0	--	<2.0	--	<2.0	<2.0	--	<2.0	--
	Anthracene	EPA 8270	6.25	BCL	µg/l	--	--	--	<0.20	--	<0.20	--	<0.20	<0.20	--	<0.20	--
	Benzidine	EPA 8270	0.000339	BCL	µg/l	--	--	--	4.9 UJ	--	5.0 UJ	--	5.0 UJ	4.9 UJ	--	<5.1 R	--
	Benzo(k)fluoranthene	EPA 8270	1.07	BCL	µg/l	--	--	--	<0.25	--	<0.25	--	<0.25	<0.25	--	<0.25	--
	Benzoic acid	EPA 8270	133,000	BCL	µg/l	--	--	--	<2.0	--	<2.0	--	<2.0	<2.0	--	<2.0 R	--
	Benzyl alcohol	EPA 8270	16,700	BCL	µg/l	--	--	--	2.0 UJ	--	2.0 UJ	--	2.0 UJ	2.0 UJ	--	2.0 UJ	--

**TABLE B-1. GROUNDWATER ANALYICAL RESULTS IN ON-SITE WELLS**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Residential Screening Levels		Unit	M-186			M-186D		M-189		M-190			M-191	
			Level	Source		01-26-2015	01-26-2015	05-07-2015	01-26-2015	03-11-2015	01-19-2015	03-10-2015	01-19-2015	01-19-2015	03-10-2015	02-02-2015	03-10-2015
						M-186-20150126	M-186-20150126-FD	M-186-20150507	M-186D-20150126	M-186D-20150311	M-189-20150119	M-189-20150310	M-190-20150119	M-190-20150119-FD	M-190-20150310	M-191-20150202	M-191-20150310
SVOCs	4-Bromophenyl-phenyl ether	EPA 8270			µg/l	--	--	--	<0.49	--	<0.50	--	<0.50	<0.49	--	<0.51	--
	Butylbenzylphthalate	EPA 8270	41	BCL	µg/l	--	--	--	<2.0	--	<2.0	--	<2.0	<2.0	--	<2.0	--
	4-Chloroaniline	EPA 8270	0.39	BCL	µg/l	--	--	--	<0.99	--	<0.99	--	<1.0	<0.98	--	<1.0	--
	2-Chloronaphthalene	EPA 8270	2.08	BCL	µg/l	--	--	--	<0.20	--	<0.20	--	<0.20	<0.20	--	<0.20	--
	2-Chlorophenol	EPA 8270	64.2	BCL	µg/l	--	--	--	<0.49	--	<0.50	--	<0.50	<0.49	--	<0.51 R	--
	4-Chlorophenyl-phenyl ether	EPA 8270			µg/l	--	--	--	<0.20	--	<0.20	--	<0.20	<0.20	--	<0.20	--
	Chrysene	EPA 8270	10.7	BCL	µg/l	--	--	--	<0.20	--	<0.20	--	<0.20	<0.20	--	<0.20	--
	Di-n-butylphthalate	EPA 8270	3,340	BCL	µg/l	--	--	--	<0.99	--	<0.99	--	<1.0	<0.98	--	<1.0	--
	Di-n-octylphthalate	EPA 8270	400	BCL	µg/l	--	--	--	<2.0	--	<2.0	--	<2.0	<2.0	--	<2.0	--
	Dibenz(a,h)anthracene	EPA 8270	0.0107	BCL	µg/l	--	--	--	0.25 UJ	--	0.25 UJ	--	0.25 UJ	0.25 UJ	--	0.25 UJ	--
	Dibenzofuran	EPA 8270	66.7	BCL	µg/l	--	--	--	<0.20	--	<0.20	--	<0.20	<0.20	--	<0.20	--
	1,3-Dichlorobenzene	EPA 8270	80.7	BCL	µg/l	--	--	--	<0.20	--	<0.20	--	<0.20	<0.20	--	<0.20	--
	3,3'-Dichlorobenzidine	EPA 8270	0.173	BCL	µg/l	--	--	--	<2.0	--	<2.0	--	<2.0	<2.0	--	<2.0	--
	2,4-Dichlorophenol	EPA 8270	100	BCL	µg/l	--	--	--	<0.99	--	<0.99	--	<1.0	<0.98	--	<1.0 R	--
	Diethylphthalate	EPA 8270	26,700	BCL	µg/l	--	--	--	<b>0.68 J</b>	--	<b>0.84 J</b>	--	<b>1.0</b>	<b>1.0</b>	--	<b>0.72 J</b>	--
	2,4-Dimethylphenol	EPA 8270	667	BCL	µg/l	--	--	--	<0.99	--	<0.99	--	<1.0	<0.98	--	<1.0 R	--
	Dimethylphthalate	EPA 8270	334,000	BCL	µg/l	--	--	--	<0.25	--	<0.25	--	<0.25	<0.25	--	<0.25	--
	2,4-Dinitrophenol	EPA 8270	66.7	BCL	µg/l	--	--	--	<2.0	--	<2.0	--	<2.0	<2.0	--	<2.0 R	--
	2,4-Dinitrotoluene	EPA 8270	0.251	BCL	µg/l	--	--	--	<2.0	--	<2.0	--	<2.0	<2.0	--	<2.0	--
	2,6-Dinitrotoluene	EPA 8270	33.4	BCL	µg/l	--	--	--	<2.0	--	<2.0	--	<2.0	<2.0	--	<2.0	--
	1,2-Diphenylhydrazine	EPA 8270	0.0974	BCL	µg/l	--	--	--	<0.49	--	<0.50	--	<0.50	<0.49	--	<0.51	--
	Fluoranthene	EPA 8270	1,330	BCL	µg/l	--	--	--	<0.20	--	<0.20	--	<0.20	<0.20	--	<0.20	--
	Fluorene	EPA 8270	6.23	BCL	µg/l	--	--	--	<0.20	--	<0.20	--	<0.20	<0.20	--	<0.20	--
	Hexachlorobenzene	EPA 8270	1	MCL	µg/l	--	--	--	<0.49	--	<0.50	--	<0.50	<0.49	--	<0.51	--
	Hexachlorobutadiene	EPA 8270	0.999	BCL	µg/l	--	--	--	<0.49	--	<0.50	--	<0.50	<0.49	--	<0.51	--
	Hexachlorocyclopentadiene	EPA 8270	50	BCL	µg/l	--	--	--	<2.0	--	<2.0	--	<2.0	<2.0	--	<2.0	--
	Hexachloroethane	EPA 8270	5.56	BCL	µg/l	--	--	--	<0.49	--	<0.50	--	<0.50	<0.49	--	<0.51	--
	Isophorone	EPA 8270	82	BCL	µg/l	--	--	--	<0.49	--	0.50 UJ	--	0.50 UJ	0.49 UJ	--	<0.51	--
	1-Methylnaphthalene	EPA 8270	1.1	RSL	µg/l	--	--	--	<3.4	--	<3.5	--	<3.5	<3.5	--	<3.6	--
	2-Methylnaphthalene	EPA 8270	36	RSL	µg/l	--	--	--	<0.49	--	<0.50	--	<0.50	<0.49	--	<0.51	--
	2-Methylphenol	EPA 8270	1,670	BCL	µg/l	--	--	--	<0.99	--	<0.99	--	<1.0	<0.98	--	<1.0 R	--
	3&4-Methylphenol	EPA 8270			µg/l	--	--	--	--	--	<2.0	--	<2.0	<2.0	--	--	--
	4-Methylphenol	EPA 8270	167	BCL	µg/l	--	--	--	<2.0	--	--	--	--	--	--	<2.0	--
	Naphthalene	EPA 8270	0.165	BCL	µg/l	--	--	--	<0.49	--	<0.50	--	<0.50	<0.49	--	<0.51	--
	2-Nitroaniline	EPA 8270	100	BCL	µg/l	--	--	--	<2.0	--	<2.0	--	<2.0	<2.0	--	<2.0	--
	3-Nitroaniline	EPA 8270			µg/l	--	--	--	<2.0	--	<2.0	--	<2.0	<2.0	--	<2.0	--
	4-Nitroaniline	EPA 8270	3.8	RSL	µg/l	--	--	--	<2.0	--	<2.0	--	<2.0	<2.0	--	<2.0	--
	Nitrobenzene	EPA 8270	0.14	BCL	µg/l	--	--	--	<0.49	--	<0.50	--	<0.50	<0.49	--	<0.51	--
	2-Nitrophenol	EPA 8270			µg/l	--	--	--	<0.99	--	<0.99	--	<1.0	<0.98	--	<1.0 R	--
	4-Nitrophenol	EPA 8270	267	BCL	µg/l	--	--	--	<2.0	--	<2.0	--	<2.0	<2.0	--	<2.0 R	--
	n-Nitrosodiphenylamine	EPA 8270	15.9	BCL	µg/l	--	--	--	<0.49	--	<0.50	--	<0.50	<0.49	--	<0.51	--
	Octachlorostyrene	EPA 8270			µg/l	--	--	--	<6.4	--	<6.5	--	<6.5	<6.5	--	<6.6	--
	Pentachlorophenol	EPA 8270	1	BCL	µg/l	--	--	--	<0.99	--	<0.99	--	<1.0	<0.98	--	<1.0 R	--
	Phenol	EPA 8270	10,000	BCL	µg/l	--	--	--	<0.49	--	<0.50	--	<0.50	<0.49	--	<0.51 R	--
	Pyrene	EPA 8270	6.22	BCL	µg/l	--	--	--	<0.20	--	<0.20	--	<0.20	<0.20	--	<0.20	--
1,2,4-Trichlorobenzene	EPA 8270	70	MCL	µg/l	--	--	--	<0.49	--	<0.50	--	<0.50	<0.49	--	<0.51	--	
2,4,5-Trichlorophenol	EPA 8270	3,340	BCL	µg/l	--	--	--	<0.99	--	<0.99	--	<1.0	<0.98	--	<1.0 R	--	
2,4,6-Trichlorophenol	EPA 8270	7.08	BCL	µg/l	--	--	--	<0.49	--	<0.50	--	<0.50	<0.49	--	<0.51 R	--	

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			Level	Source		01-26-2015	01-26-2015	05-07-2015	01-26-2015	03-11-2015	01-19-2015	03-10-2015	01-19-2015	01-19-2015	03-10-2015	02-02-2015	03-10-2015
						M-186-20150126	M-186-20150126-FD	M-186-20150507	M-186D-20150126	M-186D-20150311	M-189-20150119	M-189-20150310	M-190-20150119	M-190-20150119-FD	M-190-20150310	M-191-20150202	M-191-20150310
SVOCs	bis(2-Chloro-1-methylethyl) ether	EPA 8270	0.373	BCL	µg/l	--	--	--	<0.20	--	<0.20	--	<0.20	<0.20	--	<0.20	--
	bis(2-Chloroethoxy)methane	EPA 8270	59	RSL	µg/l	--	--	--	<0.20	--	<0.20	--	<0.20	<0.20	--	<0.20	--
	bis(2-Chloroethyl) ether	EPA 8270	0.0137	BCL	µg/l	--	--	--	<0.20	--	<0.20	--	<0.20	<0.20	--	<0.20	--
	bis(2-Ethylhexyl)phthalate	EPA 8270	6	BCL	µg/l	--	--	--	<2.0	--	<2.0	--	<2.0	<2.0	--	<2.0	--
	4,6-Dinitro-2-methylphenol	EPA 8270			µg/l	--	--	--	<2.0	--	<2.0	--	<2.0	<2.0	--	<2.0 R	--
	4-Chloro-3-methylphenol	EPA 8270	1,400	RSL	µg/l	--	--	--	<0.20	--	<0.20	--	<0.20	<0.20	--	<0.20 R	--
n-Nitroso-di-n-propylamine	EPA 8270	0.0111	BCL	µg/l	--	--	--	<0.99	--	<0.99	--	<1.0	<0.98	--	<1.0	--	
Organo-chlorine Pesticides	Aldrin	EPA 8081	0.00458	BCL	µg/l	--	--	--	<0.0015	--	<0.0015	--	<0.0014	<0.0015	--	<0.0016	--
	alpha-BHC	EPA 8081	10	BCL	µg/l	--	--	--	<0.0025	--	<0.0025	--	<0.0024	<0.0025	--	<0.0026	--
	beta-BHC	EPA 8081	2	BCL	µg/l	--	--	--	<0.0040	--	<0.0040	--	<0.0038	<0.0040	--	<0.0042	--
	delta-BHC	EPA 8081	10	BCL	µg/l	--	--	--	<0.0035	--	<0.0035	--	<0.0033	<0.0035	--	<0.0036	--
	gamma-BHC	EPA 8081	0.2	BCL	µg/l	--	--	--	<0.0030	--	<0.0030	--	<0.0028	<0.0030	--	<0.0031	--
	gamma-Chlordane	EPA 8081			µg/l	--	--	--	<0.030	--	<0.030	--	<0.028	<0.030	--	<0.031	--
	4,4'-DDD	EPA 8081	0.325	BCL	µg/l	--	--	--	<0.0040	--	<0.0040	--	<0.0038	<0.0040	--	<0.0042	--
	2,4'-DDE	EPA 8081			µg/l	--	--	--	<0.020	--	<0.020	--	<0.019	<0.020	--	<0.021	--
	4,4'-DDE	EPA 8081	0.229	BCL	µg/l	--	--	--	<0.0030	--	<0.0030	--	<0.0028	<0.0030	--	<0.0031	--
	4,4'-DDT	EPA 8081	0.229	BCL	µg/l	--	--	--	<0.0040	--	<0.0040	--	<0.0038	<0.0040	--	<0.0042	--
	Dieldrin	EPA 8081	0.00487	BCL	µg/l	--	--	--	<0.0020	--	<0.0020	--	<0.0019	<0.0020	--	<0.0021	--
	Endosulfan I	EPA 8081			µg/l	--	--	--	<0.0030	--	<0.0030	--	<0.0028	<0.0030	--	<0.0031	--
	Endosulfan II	EPA 8081			µg/l	--	--	--	<0.0020	--	<0.0020	--	<0.0019	<0.0020	--	<0.0021	--
	Endosulfan sulfate	EPA 8081			µg/l	--	--	--	<0.0030	--	<0.0030	--	<0.0028	<0.0030	--	<0.0031	--
	Endrin	EPA 8081	2	BCL	µg/l	--	--	--	<0.0020	--	<0.0020	--	<0.0019	<0.0020	--	<0.0021	--
	Endrin aldehyde	EPA 8081			µg/l	--	--	--	<0.0020	--	<0.0020	--	<0.0019	<0.0020	--	<0.0021	--
	Endrin ketone	EPA 8081			µg/l	--	--	--	<0.0069	--	<0.0071	--	<0.0066	<0.0071	--	<0.0073	--
	Heptachlor	EPA 8081	0.4	MCL	µg/l	--	--	--	<0.0030	--	<0.0030	--	<0.0028	<0.0030	--	<0.0031	--
Heptachlor epoxide	EPA 8081	0.2	BCL	µg/l	--	--	--	<0.0025	--	<0.0025	--	<0.0024	<0.0025	--	<0.0026	--	
Methoxychlor	EPA 8081	40	MCL	µg/l	--	--	--	<0.0035	--	<0.0035	--	<0.0033	<0.0035	--	<0.0036	--	
Toxaphene	EPA 8081	3	MCL	µg/l	--	--	--	<0.25	--	<0.25	--	<0.24	<0.25	--	<0.26	--	
PAHs	Acenaphthylene	EPA 8270	6.22	BCL	µg/l	--	--	--	<0.20	--	<0.20	--	<0.20	<0.20	--	<0.20	--
	Benzo(a)anthracene	EPA 8270	0.107	BCL	µg/l	--	--	--	<2.0	--	<2.0	--	<2.0	<2.0	--	<2.0	--
	Benzo(a)pyrene	EPA 8270	0.2	BCL	µg/l	--	--	--	<0.49	--	<0.50	--	<0.50	<0.49	--	<0.51	--
	Benzo(b)fluoranthene	EPA 8270	0.107	BCL	µg/l	--	--	--	<0.99	--	<0.99	--	<1.0	<0.98	--	<1.0	--
	Benzo(g,h,i)perylene	EPA 8270	1,000	BCL	µg/l	--	--	--	2.0 UJ	--	2.0 UJ	--	2.0 UJ	2.0 UJ	--	2.0 UJ	--
	Indeno(1,2,3-cd)pyrene	EPA 8270	0.107	BCL	µg/l	--	--	--	0.99 UJ	--	0.99 UJ	--	1.0 UJ	0.98 UJ	--	1.0 UJ	--
Phenanthrene	EPA 8270	6.22	BCL	µg/l	--	--	--	<0.20	--	<0.20	--	<0.20	<0.20	--	<0.20	--	
Radionuclides	Radium-226	EPA 903.0	5	BCL	pCi/l	<b>0.202</b>	<b>0.166</b>	--	<b>0.183</b>	<b>0.383</b>	<b>0.260 J</b>	<b>0.372</b>	<b>0.188 J</b>	<b>0.198 J</b>	<b>0.254</b>	<0.188	<b>0.242</b>
	Radium-228	EPA 904.0	5	BCL	pCi/l	<0.606	<0.677	--	<b>0.358</b>	<0.355	<0.407	<b>0.345 J</b>	<0.334	<0.389	<0.337	<b>0.436 J</b>	<0.671
	Thorium-228	DOE A-01-R	0.14	BCL	pCi/l	<0.616	<0.589	--	<0.275	<0.636	<0.194	<0.693	<0.243	<0.147	<0.558	<0.829	<0.682
	Thorium-230	DOE A-01-R	0.05	BCL	pCi/l	<b>0.442 J</b>	<b>1.06 J</b>	--	<b>0.628</b>	<b>0.310 J</b>	<b>0.276</b>	<b>0.474 J</b>	0.210 UJ	<b>0.337 J</b>	<b>1.08</b>	<b>0.617</b>	<b>0.696 J</b>
	Thorium-232	DOE A-01-R	0.17	BCL	pCi/l	<0.144	<0.149	--	<0.156	<0.138	<0.215	<0.379	<0.174	<0.142	<0.270	<0.560	<0.148
	Uranium-233/234	DOE A-01-R			pCi/l	<b>2.96</b>	<b>2.58</b>	--	<b>1.63</b>	<b>2.00</b>	<b>4.42</b>	<b>4.62</b>	<b>3.09</b>	<b>2.39</b>	<b>3.02</b>	<b>4.43</b>	<b>4.36</b>
	Uranium-235/236	DOE A-01-R			pCi/l	<0.824	<0.728	--	<b>0.173</b>	<0.185	<b>0.0884</b>	<0.194	<b>0.203 J</b>	<b>0.118 J</b>	<0.359	<0.437	<b>0.236</b>
	Uranium-238	DOE A-01-R			pCi/l	<b>2.51 J</b>	<b>1.36 J</b>	--	<b>1.37</b>	<b>1.61</b>	<b>2.59</b>	<b>2.64</b>	<b>1.96</b>	<b>1.82</b>	<b>1.92</b>	<b>3.60</b>	<b>3.47</b>
Uranium-238	EPA 6020	30	BCL	µg/l	<b>7.7 J</b>	<b>8.0 J</b>	--	<b>4.5</b>	<b>3.6 J</b>	<b>8.2</b>	<b>7.7 J</b>	<b>6.1</b>	<b>6.2</b>	<b>5.9 J</b>	<b>12 J</b>	<b>9.7 J</b>	
General Chemistry	Alkalinity (as CaCO3)	SM 2320			µg/l	--	--	--	<b>71,000</b>	--	<b>98,000</b>	--	<b>88,000</b>	<b>87,000</b>	--	<b>98,000</b>	--
	Ammonia (as N)	SM 4500-NH3			µg/l	--	--	--	--	--	--	--	--	--	--	--	--
	Ammonia (as N)	SM 4500			µg/l	<100	<100	--	<100	<100	<100	<100	<100	<100	<100	<b>280 J</b>	<100
	Bicarbonate as HCO3	SM 2320			mg/l	--	--	--	<b>86</b>	--	<b>120</b>	--	<b>110</b>	<b>110</b>	--	<b>120</b>	--

**TABLE B-1. GROUNDWATER ANALYICAL RESULTS IN ON-SITE WELLS**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Residential Screening Levels		Unit	M-186			M-186D		M-189		M-190			M-191		
			Level	Source		01-26-2015	01-26-2015	05-07-2015	01-26-2015	03-11-2015	01-19-2015	03-10-2015	01-19-2015	01-19-2015	03-10-2015	02-02-2015	03-10-2015	
						M-186-20150126	M-186-20150126-FD	M-186-20150507	M-186D-20150126	M-186D-20150311	M-189-20150119	M-189-20150310	M-190-20150119	M-190-20150119-FD	M-190-20150310	M-191-20150202	M-191-20150310	
General Chemistry	Bromide	EPA 300			mg/l	13	14	--	0.99	0.76	1	1.5 J	0.63 J	0.62 J	1.9 J	4.6 J	1.3 UJ	
	Calcium	EPA 200.7			mg/l	--	--	--	26	--	200	--	170	160	--	230	--	
	Carbon	EPA 5310			µg/l	--	--	--	<650	--	970 J	--	690 J	730 J	--	850 J	--	
	Carbonate (CO3)	SM 2320			mg/l	--	--	--	<2.4	--	<2.4	--	<2.4	<2.4	--	<2.4	--	
	Chloride	EPA 300	250	2 <sup>nd</sup> MCL	mg/l	2,000	2,000	--	91	96	220 J	210	240 J	240 J	230	430	440	
	Cyanide (total)	SM 4500-CN-E	0.2	BCL	mg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Dissolved Solids (total)	SM 2540C	500	2 <sup>nd</sup> MCL	mg/l	7,000	6,900	--	510	500	2,800	2,700	2,200	2,200	2,100	4,700	4,500	
	Hydroxide	SM 2320			mg/l	--	--	--	<1.4	--	<1.4	--	<1.4	<1.4	--	<1.4	--	
	Nitrate (as NO3)	EPA 300			mg/l	28	30	--	11	10 J	9.7	9.3 J	12	12	12 J	34	27 J	
	Nitrate/Nitrite	EPA 300			µg/l	6,400	6,800	--	2,400	2,300 J	2,200	2,100 J	5,500 UJ	2,700 J	2,800 J	7,700	6,200 J	
	Nitrite	EPA 300	1	BCL	mg/l	<0.7	<0.7	--	<0.07	<0.07	<0.14	<0.07	<0.14	<0.14	<0.07	<0.7	<0.35	
	ortho-Phosphate (total) (as P)	EPA 300			mg/l	--	--	--	<0.08	--	<0.16	--	<0.16	<0.16	--	<0.8	--	
	Phosphorus (total)	EPA 365.3	0.667	BCL	µg/l	<25	<25	--	95 J	47 J	94 J	91	48 J	33 J	72	130	100	
	Potassium	EPA 200.7			mg/l	--	--	--	6.9	--	14	--	14	14	--	19	--	
	Sodium	EPA 200.7			mg/l	--	--	--	110	--	560	--	410	400	--	1,100	--	
Sulfate	EPA 300			mg/l	830	820	--	170	180	1,400	1,400	960	960	970	1,400	1,400		
Sulfide (total)	EPA 9034			mg/l	--	--	--	<1.0	--	<1.0	--	<1.0	<1.0	--	1.0 UJ	--		
OTHER	4-Chlorobenzenesulfonic acid	SW8321A	33,400	BCL	µg/l	--	--	--	0.097 UJ	--	<0.097	--	<0.097	<0.097	--	<0.097	--	

**Notes:**

ft bgs: feet below ground surface

FD: Field Duplicate

GW: Groundwater

Above Screening Level

bold value: detection

Groundwater screening levels were selected according to the following hierarchy of criteria:

1. Maximum Contaminant Level (MCL): Primary United States Environmental Protections Agency (USEPA) maximum contaminant level (40 CFR Part 141).
2. Basic Contaminant Level (BCL): Residential water basic comparison levels in NDEP February 2015 BCL Spreadsheet or Target Water Activities for radionuclides (NDEP 2015).
3. Regional Screening Level (RSL): Tap water regional screening levels in USEPA Pacific Southwest, Region 9, Regional Screening Levels Chemical Specific Parameters table, June 2015. The screening levels were selected as the minimal values of carcinogenic screening level and noncarcinogenic screening level (USEPA 2015).
4. 2<sup>nd</sup> Maximum Contaminant Level (2<sup>nd</sup> MCL): National Secondary Drinking Water Regulations (40 CFR Part 143).

**Sources:**

NDEP, 2015. User's Guide and Background Technical Document for NDEP Basic

Comparison Levels (BCLs) for Human Health for the BMI Complex and Common Areas. Revision 13, February.

USEPA, 2015. Regional Screening Levels (RSL) for Chemical Contaminants at Superfund Sites. June.

USEPA. National Primary Drinking Water Regulations. Code of Federal Regulations, 40 CFR Part 141.

USEPA. National Secondary Drinking Water Regulations. Code of Federal Regulations, 40 CFR Part 143.



**TABLE B-1. GROUNDWATER ANALYICAL RESULTS IN ON-SITE WELLS**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Residential Screening Levels		Unit	M-192		M-193			M-22A	M-23	M-25		M-2A	M-31A	M-32	M-33
			Level	Source		02-02-2015	03-11-2015	01-19-2015	03-11-2015	03-11-2015	02-02-2015	02-05-2015	02-03-2015	02-03-2015	02-04-2015	01-28-2015	05-05-2015	05-05-2015
						M-192-20150202	M-192-20150311	M-193-20150119	M-193-20150311	M-193-20150311-FD	M-22A-20150202	M-23-20150205	M-25-20150203	M-25-20150203-FD	M-2A-20150204	M-31A-20150128	M-32-20150505	M-33-20150505
Chlorates	Chlorate	EPA 300.1	1,000	BCL	µg/l	450,000	360,000	170,000	170,000	170,000	3,600,000	130,000	1,900,000	1,900,000	3,200,000	1,400,000	810,000	380,000
	Perchlorate	EPA 314.0	18	BCL	µg/l	240,000	250,000	370,000	400,000	390,000	1,100,000	200,000	430,000	470,000	410,000	680,000	270,000	260,000
Common Metals	Aluminum	EPA 200.7	0.05	BCL	mg/l	<0.025	0.027 J	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	0.029 J	0.027 J
	Antimony	EPA 200.8	0.006	MCL	mg/l	<0.0010	--	<0.00050	--	--	--	--	--	--	--	--	--	--
	Arsenic	EPA 200.8	0.01	MCL	mg/l	0.061	0.072	0.17	0.18	0.19	0.1	0.12	0.1	0.11	0.084	0.1	0.033	0.071
	Barium	EPA 200.7	2	MCL	mg/l	0.035	--	0.018	--	--	--	--	--	--	--	--	--	--
	Boron	EPA 200.7	6.67	BCL	mg/l	2.4	2.2	2.8	2.8	2.8	4.2	4.1	9.7	9.3	3.5	6.4	8.9	5.5
	Cadmium	EPA 200.7	0.005	MCL	mg/l	<0.0020	--	<0.0020	--	--	--	--	--	--	--	--	--	--
	Chromium (total)	EPA 200.7	0.1	MCL	mg/l	0.44	0.41	0.43	0.42	0.42	16	0.31	7.2	6.9	13	4.6	2.4	0.38
	Cobalt	EPA 200.7	0.01	BCL	mg/l	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
	Copper	EPA 200.7	1.3	MCL	mg/l	<0.0050	--	<0.0050	--	--	--	--	--	--	--	--	--	--
	Iron	EPA 200.7	0.3	BCL	mg/l	<0.010	0.012 J	<0.010	0.010 UJ	0.011 J	<0.010	<0.010	<0.010	<0.010	0.034 J	<0.010	0.11	<0.010
	Lead	EPA 200.7	0.015	MCL	mg/l	<0.0025	<0.0025	0.0032 J	<0.0025	<0.0025	<0.013	0.0025 UJ	<0.0025	<0.0025	<0.0050	<0.0025	<0.0025	<0.0025
	Magnesium	EPA 200.7	189	BCL	mg/l	63	56	75	77	77	250	120	190	190	250	160	130	270
	Manganese	EPA 200.7	0.02	BCL	mg/l	0.017 J	0.010 J	0.012 J	<0.010	<0.010	0.046	0.023	<0.010	<0.010	<0.010	<0.010	0.25	0.54
Mercury	EPA 7470	0.002	BCL	mg/l	<0.00010	--	<0.00010	--	--	--	--	--	--	--	--	--	--	
Nickel	EPA 200.7	0.667	BCL	mg/l	<0.0050	--	<0.0050	--	--	--	--	--	--	--	--	--	--	
Zinc	EPA 200.7	10	BCL	mg/l	0.024	--	<0.010	--	--	--	--	--	--	--	--	--	--	
Hexavalent Chromium	Chromium VI	EPA 218.6	100	BCL	µg/l	470	350	410	380	380 J	18,000	320 J	7,500 J	37 J	14,000 J	5,000 J	2,200	330
Rare Metals	Strontium	EPA 200.7	20	BCL	mg/l	3.9	3.8	5.5	5.3	5.4	14	7.0	9.9	9.7	13	11	5.9	9.4
	Tungsten	EPA 200.7	0.25	BCL	mg/l	<0.50 R	<0.50 R	<0.50 R	<0.50 R	<0.50 R	<0.50 R	<0.50	<0.50 R	<0.50 R	<0.50	<0.50	<0.50 R	<0.50 R
	Vanadium	EPA 200.7	0.167	BCL	mg/l	0.028	--	0.079	--	--	--	--	--	--	--	--	--	--
VOCs	Benzene	EPA 8260	5	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
	Bromobenzene	EPA 8260	85.2	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
	Bromochloromethane	EPA 8260	83	RSL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
	Bromodichloromethane	EPA 8260	80	MCL	µg/l	0.31 J	0.30 J	<0.25	<0.25	<0.25	<0.25	0.50 UJ	0.25 UJ	0.28 J	0.50 UJ	<0.25	<0.25	<0.25
	Bromoform	EPA 8260	80	MCL	µg/l	<0.40	<0.40	<0.40	<0.40	<0.40	0.74 J	0.80 UJ	0.75 J	0.79 J	0.80 UJ	<0.40	<0.40	<0.40
	Bromomethane	EPA 8260	8.53	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
	2-Butanone	EPA 8260	6,860	BCL	µg/l	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<5.0	<2.5	<2.5	<5.0	<2.5	<2.5	<2.5
	n-Butylbenzene	EPA 8260	238	BCL	µg/l	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.80	<0.40	<0.40	<0.80	<0.40	<0.40	<0.40
	sec-Butylbenzene	EPA 8260	238	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
	Carbon tetrachloride	EPA 8260	5	BCL	µg/l	0.25 UJ	<0.25	<0.25	<0.25	<0.25	0.32 J	1.5	0.32 J	0.35 J	0.86 J	0.25 J	<0.25	<0.25
	Chlorobenzene	EPA 8260	100	BCL	µg/l	<0.25	<0.25	0.25 UJ	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
	Chloroethane	EPA 8260	26.9	BCL	µg/l	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.80	<0.40	<0.40	<0.80	<0.40	<0.40	<0.40
	Chloroform	EPA 8260	80	MCL	µg/l	18	23	13	13	13	1,400	460	400	400	900	340	210	98
	Chloromethane	EPA 8260	3.12	BCL	µg/l	<0.25	<0.25	0.25 UJ	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
	2-Chlorotoluene	EPA 8260	90.2	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
	4-Chlorotoluene	EPA 8260	250	RSL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
	Cumene	EPA 8260	667	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
	p-Cymene	EPA 8260	834	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
	Dibromochloromethane	EPA 8260	80	MCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	0.50 UJ	<0.25	<0.25	0.50 UJ	<0.25	<0.25	<0.25
	1,2-Dibromoethane	EPA 8260	0.05	MCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
	Dibromomethane	EPA 8260	8.14	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
	1,2-Dichlorobenzene	EPA 8260	600	MCL	µg/l	<0.25	<0.25	<0.50	<0.25	<0.25	0.55	<0.50	0.48 J	0.49 J	<0.50	<0.25	<0.25	<0.25
	1,2-Dichlorobenzene	EPA 8270	600	MCL	µg/l	<0.20	--	<0.19	--	--	0.59	--	--	--	--	--	--	--
1,3-Dichlorobenzene	EPA 8260	80.7	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	
1,4-Dichlorobenzene	EPA 8260	75	MCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	0.46 J	<0.50	0.47 J	0.49 J	<0.50	<0.25	<0.25	<0.25	
1,4-Dichlorobenzene	EPA 8270	75	MCL	µg/l	<0.20	--	<0.19	--	--	0.39 J	--	--	--	--	--	--	--	

**TABLE B-1. GROUNDWATER ANALYICAL RESULTS IN ON-SITE WELLS**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Residential Screening Levels		Unit	M-192		M-193			M-22A	M-23	M-25		M-2A	M-31A	M-32	M-33
			Level	Source		02-02-2015	03-11-2015	01-19-2015	03-11-2015	03-11-2015	02-02-2015	02-05-2015	02-03-2015	02-03-2015	02-04-2015	01-28-2015	05-05-2015	05-05-2015
						M-192-20150202	M-192-20150311	M-193-20150119	M-193-20150311	M-193-20150311-FD	M-22A-20150202	M-23-20150205	M-25-20150203	M-25-20150203-FD	M-2A-20150204	M-31A-20150128	M-32-20150505	M-33-20150505
VOCs	Dichlorodifluoromethane	EPA 8260	393	BCL	µg/l	0.25 UJ	0.25 UJ	0.25 UJ	0.25 UJ	0.25 UJ	0.25 UJ	0.50 UJ	0.25 UJ	<0.25	0.50 UJ	0.25 UJ	<0.25	<0.25
	1,1-Dichloroethane	EPA 8260	2.79	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
	1,2-Dichloroethane	EPA 8260	5	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	0.50 UJ	<0.25	<0.25	0.50 UJ	<0.25	<0.25	<0.25
	1,1-Dichloroethene	EPA 8260	7	MCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<b>0.44 J</b>	<b>0.62 J</b>	<0.50	<0.25	<0.25	<0.25
	cis-1,2-Dichloroethene	EPA 8260	70	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
	trans-1,2-Dichloroethene	EPA 8260	100	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
	1,2-Dichloropropane	EPA 8260	5	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
	1,3-Dichloropropane	EPA 8260	8.24	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
	2,2-Dichloropropane	EPA 8260			µg/l	0.40 UJ	<0.40	<0.40	<0.40	<0.40	<0.40	0.80 UJ	0.40 UJ	<0.40	0.80 UJ	<0.40	<0.40	<0.40
	1,1-Dichloropropene	EPA 8260			µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
	cis-1,3-Dichloropropene	EPA 8260			µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
	trans-1,3-Dichloropropene	EPA 8260			µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	0.25 UJ	<0.50	0.25 UJ	<0.25	<0.50	0.25 UJ	<0.25
	1,4-Dioxane	EPA 8260BSIM	0.779	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	1,4-Dioxane	EPA 8260SIM	0.779	BCL	µg/l	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<b>3.0</b>	<b>3.5</b>	<b>1.9 J</b>	<b>0.58 J</b>	<0.50	<0.50
	Ethyl benzene	EPA 8260	700	MCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
	Ethyl tert-butyl ether	EPA 8260			µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
	Hexachlorobutadiene	EPA 8260	0.999	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<b>0.44 J</b>	<0.50	0.25 UJ	<0.25	<0.50	<0.25	<0.25	<0.25
	Methylene chloride	EPA 8260	5	BCL	µg/l	<0.88	<0.88	<0.88	<0.88	<0.88	<0.88	<1.8	<0.88	<0.88	<1.8	<0.88	<0.88	<0.88
	Naphthalene	EPA 8260	0.165	BCL	µg/l	<0.40	0.40 UJ	<0.40	0.40 UJ	0.40 UJ	<0.40	<0.80	0.40 UJ	0.40 UJ	<0.80	<0.40	<0.40	<0.40
	n-Propylbenzene	EPA 8260	238	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
	Styrene	EPA 8260	100	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	0.25 UJ	<0.50	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
	1,1,1,2-Tetrachloroethane	EPA 8260	0.605	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	0.50 UJ	<0.25	<0.25	0.50 UJ	<0.25	<0.25	<0.25
	1,1,2,2-Tetrachloroethane	EPA 8260	0.0775	BCL	µg/l	<0.25	<0.25	0.25 UJ	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
	Tetrachloroethene	EPA 8260	5	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<b>0.73 J</b>	<b>0.57</b>	<b>0.57</b>	<0.50	<0.25	<0.25	<0.25
	Toluene	EPA 8260	1,000	MCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
	1,2,3-Trichlorobenzene	EPA 8260	7	RSL	µg/l	<0.40	<0.40	0.40 UJ	<0.40	<0.40	<b>0.82 J</b>	<0.80	<0.40	<0.40	<0.80	<0.40	<0.40	<0.40
	1,2,4-Trichlorobenzene	EPA 8260	70	MCL	µg/l	<0.40	<0.40	<0.40	<0.40	<0.40	0.40 UJ	<0.80	<0.40	<0.40	<0.80	<0.40	<0.40	<0.40
	1,1,1-Trichloroethane	EPA 8260	200	MCL	µg/l	0.25 UJ	<0.25	<0.25	<0.25	<0.25	0.25 UJ	0.50 UJ	<0.25	<0.25	0.50 UJ	<0.25	<0.25	<0.25
	1,1,2-Trichloroethane	EPA 8260	5	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
	Trichloroethene	EPA 8260	5	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<b>0.32 J</b>	<0.50	<b>11</b>	<b>11</b>	<b>16</b>	<0.25	<0.25	<0.25
	Trichlorofluoromethane	EPA 8260	1,270	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	0.25 UJ	0.50 UJ	<0.25	<0.25	0.50 UJ	<0.25	<0.25	<0.25
	1,2,3-Trichloropropane	EPA 8260	0.0026	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	0.25 UJ	<0.50	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
1,2,3-Trichloropropane	EPA 8260BSIM	0.0026	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	
1,2,3-Trichloropropane	EPA 8260SIM	0.0026	BCL	µg/l	<b>0.0026 J</b>	<b>0.0043 J</b>	<b>0.011</b>	<b>0.010</b>	<b>0.010</b>	<b>0.16</b>	<b>0.43</b>	<b>0.16</b>	<b>0.16</b>	<b>0.14</b>	<b>0.051</b>	<b>0.026</b>	<b>0.028</b>	
1,2,4-Trimethylbenzene	EPA 8260	14.6	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	
1,3,5-Trimethylbenzene	EPA 8260	14.5	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	
Vinyl chloride	EPA 8260	2	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	
m,p-Xylene	EPA 8260			µg/l	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	
o-Xylene	EPA 8260	1,200	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	
1,2-Dibromo-3-chloropropane	EPA 8260	0.2	MCL	µg/l	<0.50	0.50 UJ	0.50 UJ	0.50 UJ	0.50 UJ	<0.50	<1.0	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	
tert-Butylbenzene	EPA 8260	238	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	0.25 UJ	<0.25	<0.50	<0.25	<0.25	<0.25	
SVOCs	Acenaphthene	EPA 8270	6.24	BCL	µg/l	<0.20	--	<0.19	--	--	<0.19 R	--	--	--	--	--	--	
	Aniline	EPA 8270	13.7	BCL	µg/l	<2.0	--	<1.9	--	--	<1.9 R	--	--	--	--	--	--	
	Anthracene	EPA 8270	6.25	BCL	µg/l	<0.20	--	<0.19	--	--	<0.19 R	--	--	--	--	--	--	
	Benzidine	EPA 8270	0.000339	BCL	µg/l	<5.1 R	--	4.9 UJ	--	--	<4.7 R	--	--	--	--	--	--	
	Benzo(k)fluoranthene	EPA 8270	1.07	BCL	µg/l	<0.26	--	<0.24	--	--	0.24 UJ	--	--	--	--	--	--	
	Benzoic acid	EPA 8270	133,000	BCL	µg/l	2.0 UJ	--	<1.9	--	--	<1.9 R	--	--	--	--	--	--	
	Benzyl alcohol	EPA 8270	16,700	BCL	µg/l	2.0 UJ	--	1.9 UJ	--	--	1.9 UJ	--	--	--	--	--	--	



**TABLE B-1. GROUNDWATER ANALYICAL RESULTS IN ON-SITE WELLS**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Residential Screening Levels		Unit	M-192		M-193			M-22A	M-23	M-25		M-2A	M-31A	M-32	M-33
			Level	Source		02-02-2015	03-11-2015	01-19-2015	03-11-2015	03-11-2015	02-02-2015	02-05-2015	02-03-2015	02-03-2015	02-04-2015	01-28-2015	05-05-2015	05-05-2015
						M-192-20150202	M-192-20150311	M-193-20150119	M-193-20150311	M-193-20150311-FD	M-22A-20150202	M-23-20150205	M-25-20150203	M-25-20150203-FD	M-2A-20150204	M-31A-20150128	M-32-20150505	M-33-20150505
SVOCs	4-Bromophenyl-phenyl ether	EPA 8270			µg/l	<0.51	--	<0.49	--	--	<0.47	--	--	--	--	--	--	--
	Butylbenzylphthalate	EPA 8270	41	BCL	µg/l	<2.0	--	<1.9	--	--	<1.9	--	--	--	--	--	--	--
	4-Chloroaniline	EPA 8270	0.39	BCL	µg/l	<1.0	--	<0.97	--	--	<0.95 R	--	--	--	--	--	--	--
	2-Chloronaphthalene	EPA 8270	2.08	BCL	µg/l	<0.20	--	<0.19	--	--	<0.19	--	--	--	--	--	--	--
	2-Chlorophenol	EPA 8270	64.2	BCL	µg/l	<0.51	--	<0.49	--	--	<0.47 R	--	--	--	--	--	--	--
	4-Chlorophenyl-phenyl ether	EPA 8270			µg/l	<0.20	--	<0.19	--	--	<0.19	--	--	--	--	--	--	--
	Chrysene	EPA 8270	10.7	BCL	µg/l	<0.20	--	<0.19	--	--	0.19 UJ	--	--	--	--	--	--	--
	Di-n-butylphthalate	EPA 8270	3,340	BCL	µg/l	<1.0	--	<0.97	--	--	<0.95	--	--	--	--	--	--	--
	Di-n-octylphthalate	EPA 8270	400	BCL	µg/l	<2.0	--	<1.9	--	--	<1.9	--	--	--	--	--	--	--
	Dibenz(a,h)anthracene	EPA 8270	0.0107	BCL	µg/l	0.26 UJ	--	0.24 UJ	--	--	0.24 UJ	--	--	--	--	--	--	--
	Dibenzofuran	EPA 8270	66.7	BCL	µg/l	<0.20	--	<0.19	--	--	<0.19	--	--	--	--	--	--	--
	1,3-Dichlorobenzene	EPA 8270	80.7	BCL	µg/l	<0.20	--	<0.19	--	--	<b>0.26 J</b>	--	--	--	--	--	--	--
	3,3'-Dichlorobenzidine	EPA 8270	0.173	BCL	µg/l	<2.0	--	<1.9	--	--	<1.9 R	--	--	--	--	--	--	--
	2,4-Dichlorophenol	EPA 8270	100	BCL	µg/l	<1.0	--	<0.97	--	--	<0.95 R	--	--	--	--	--	--	--
	Diethylphthalate	EPA 8270	26,700	BCL	µg/l	<0.51	--	<b>1.3</b>	--	--	<0.47	--	--	--	--	--	--	--
	2,4-Dimethylphenol	EPA 8270	667	BCL	µg/l	<1.0	--	<0.97	--	--	<0.95 R	--	--	--	--	--	--	--
	Dimethylphthalate	EPA 8270	334,000	BCL	µg/l	<0.26	--	<0.24	--	--	<0.24	--	--	--	--	--	--	--
	2,4-Dinitrophenol	EPA 8270	66.7	BCL	µg/l	<2.0	--	<1.9	--	--	<1.9 R	--	--	--	--	--	--	--
	2,4-Dinitrotoluene	EPA 8270	0.251	BCL	µg/l	<2.0	--	<1.9	--	--	<1.9	--	--	--	--	--	--	--
	2,6-Dinitrotoluene	EPA 8270	33.4	BCL	µg/l	<2.0	--	<1.9	--	--	<1.9	--	--	--	--	--	--	--
	1,2-Diphenylhydrazine	EPA 8270	0.0974	BCL	µg/l	<0.51	--	<0.49	--	--	<0.47	--	--	--	--	--	--	--
	Fluoranthene	EPA 8270	1,330	BCL	µg/l	<0.20	--	<0.19	--	--	0.19 UJ	--	--	--	--	--	--	--
	Fluorene	EPA 8270	6.23	BCL	µg/l	<0.20	--	<0.19	--	--	<0.19	--	--	--	--	--	--	--
	Hexachlorobenzene	EPA 8270	1	MCL	µg/l	<0.51	--	<0.49	--	--	<0.47	--	--	--	--	--	--	--
	Hexachlorobutadiene	EPA 8270	0.999	BCL	µg/l	<0.51	--	<0.49	--	--	<b>0.71 J</b>	--	--	--	--	--	--	--
	Hexachlorocyclopentadiene	EPA 8270	50	BCL	µg/l	<2.0	--	<1.9	--	--	<1.9	--	--	--	--	--	--	--
	Hexachloroethane	EPA 8270	5.56	BCL	µg/l	<0.51	--	<0.49	--	--	<0.47	--	--	--	--	--	--	--
	Isophorone	EPA 8270	82	BCL	µg/l	<0.51	--	0.49 UJ	--	--	<0.47	--	--	--	--	--	--	--
	1-Methylnaphthalene	EPA 8270	1.1	RSL	µg/l	<3.6	--	<3.4	--	--	<3.3	--	--	--	--	--	--	--
	2-Methylnaphthalene	EPA 8270	36	RSL	µg/l	<0.51	--	<0.49	--	--	<0.47 R	--	--	--	--	--	--	--
	2-Methylphenol	EPA 8270	1,670	BCL	µg/l	<1.0	--	<0.97	--	--	<0.95 R	--	--	--	--	--	--	--
	3&4-Methylphenol	EPA 8270			µg/l	--	--	<1.9	--	--	--	--	--	--	--	--	--	--
	4-Methylphenol	EPA 8270	167	BCL	µg/l	<2.0	--	--	--	--	<1.9 R	--	--	--	--	--	--	--
	Naphthalene	EPA 8270	0.165	BCL	µg/l	<0.51	--	<0.49	--	--	0.47 UJ	--	--	--	--	--	--	--
	2-Nitroaniline	EPA 8270	100	BCL	µg/l	<2.0	--	<1.9	--	--	<1.9 R	--	--	--	--	--	--	--
	3-Nitroaniline	EPA 8270			µg/l	<2.0	--	<1.9	--	--	<1.9 R	--	--	--	--	--	--	--
	4-Nitroaniline	EPA 8270	3.8	RSL	µg/l	<2.0	--	<1.9	--	--	<1.9 R	--	--	--	--	--	--	--
	Nitrobenzene	EPA 8270	0.14	BCL	µg/l	<0.51	--	<0.49	--	--	<0.47	--	--	--	--	--	--	--
	2-Nitrophenol	EPA 8270			µg/l	<1.0	--	<0.97	--	--	<0.95 R	--	--	--	--	--	--	--
	4-Nitrophenol	EPA 8270	267	BCL	µg/l	2.0 UJ	--	<1.9	--	--	<1.9 R	--	--	--	--	--	--	--
	n-Nitrosodiphenylamine	EPA 8270	15.9	BCL	µg/l	<0.51	--	<0.49	--	--	<0.47 R	--	--	--	--	--	--	--
	Octachlorostyrene	EPA 8270			µg/l	<6.6	--	<6.3	--	--	<6.2	--	--	--	--	--	--	--
	Pentachlorophenol	EPA 8270	1	BCL	µg/l	<1.0	--	<0.97	--	--	<0.95 R	--	--	--	--	--	--	--
	Phenol	EPA 8270	10,000	BCL	µg/l	<0.51	--	<0.49	--	--	<0.47 R	--	--	--	--	--	--	--
	Pyrene	EPA 8270	6.22	BCL	µg/l	<0.20	--	<0.19	--	--	0.19 UJ	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	EPA 8270	70	MCL	µg/l	<0.51	--	<0.49	--	--	<0.47	--	--	--	--	--	--	--	
2,4,5-Trichlorophenol	EPA 8270	3,340	BCL	µg/l	<1.0	--	<0.97	--	--	<0.95 R	--	--	--	--	--	--	--	
2,4,6-Trichlorophenol	EPA 8270	7.08	BCL	µg/l	<0.51	--	<0.49	--	--	<0.47 R	--	--	--	--	--	--	--	

**TABLE B-1. GROUNDWATER ANALYICAL RESULTS IN ON-SITE WELLS**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Residential Screening Levels		Unit	M-192		M-193			M-22A	M-23	M-25		M-2A	M-31A	M-32	M-33
			Level	Source		02-02-2015	03-11-2015	01-19-2015	03-11-2015	03-11-2015	02-02-2015	02-05-2015	02-03-2015	02-03-2015	02-04-2015	01-28-2015	05-05-2015	05-05-2015
						M-192-20150202	M-192-20150311	M-193-20150119	M-193-20150311	M-193-20150311-FD	M-22A-20150202	M-23-20150205	M-25-20150203	M-25-20150203-FD	M-2A-20150204	M-31A-20150128	M-32-20150505	M-33-20150505
SVOCs	bis(2-Chloro-1-methylethyl) ether	EPA 8270	0.373	BCL	µg/l	<0.20	--	<0.19	--	--	<0.19	--	--	--	--	--	--	--
	bis(2-Chloroethoxy)methane	EPA 8270	59	RSL	µg/l	<0.20	--	<0.19	--	--	<0.19	--	--	--	--	--	--	--
	bis(2-Chloroethyl) ether	EPA 8270	0.0137	BCL	µg/l	<0.20	--	<0.19	--	--	<0.19	--	--	--	--	--	--	--
	bis(2-Ethylhexyl)phthalate	EPA 8270	6	BCL	µg/l	<2.0	--	<1.9	--	--	1.9 UJ	--	--	--	--	--	--	--
	4,6-Dinitro-2-methylphenol	EPA 8270			µg/l	<2.0	--	<1.9	--	--	<1.9 R	--	--	--	--	--	--	--
	4-Chloro-3-methylphenol	EPA 8270	1,400	RSL	µg/l	<0.20	--	<0.19	--	--	<0.19 R	--	--	--	--	--	--	--
n-Nitroso-di-n-propylamine	EPA 8270	0.0111	BCL	µg/l	<1.0	--	<0.97	--	--	<0.95	--	--	--	--	--	--	--	
Organo-chlorine Pesticides	Aldrin	EPA 8081	0.00458	BCL	µg/l	<0.0016	--	<0.0015	--	--	--	--	--	--	--	--	--	--
	alpha-BHC	EPA 8081	10	BCL	µg/l	<0.0027	--	<0.0024	--	--	--	--	--	--	--	--	--	--
	beta-BHC	EPA 8081	2	BCL	µg/l	<0.0043	--	<0.0039	--	--	--	--	--	--	--	--	--	--
	delta-BHC	EPA 8081	10	BCL	µg/l	<0.0038	--	<0.0034	--	--	--	--	--	--	--	--	--	--
	gamma-BHC	EPA 8081	0.2	BCL	µg/l	<0.0032	--	<0.0029	--	--	--	--	--	--	--	--	--	--
	gamma-Chlordane	EPA 8081			µg/l	<0.032	--	<0.029	--	--	--	--	--	--	--	--	--	--
	4,4'-DDD	EPA 8081	0.325	BCL	µg/l	<0.0043	--	<0.0039	--	--	--	--	--	--	--	--	--	--
	2,4'-DDE	EPA 8081			µg/l	<0.022	--	<0.019	--	--	--	--	--	--	--	--	--	--
	4,4'-DDE	EPA 8081	0.229	BCL	µg/l	<0.0032	--	<0.0029	--	--	--	--	--	--	--	--	--	--
	4,4'-DDT	EPA 8081	0.229	BCL	µg/l	<0.0043	--	<0.0039	--	--	--	--	--	--	--	--	--	--
	Dieldrin	EPA 8081	0.00487	BCL	µg/l	<0.0022	--	<0.0019	--	--	--	--	--	--	--	--	--	--
	Endosulfan I	EPA 8081			µg/l	<0.0032	--	<0.0029	--	--	--	--	--	--	--	--	--	--
	Endosulfan II	EPA 8081			µg/l	<0.0022	--	<0.0019	--	--	--	--	--	--	--	--	--	--
	Endosulfan sulfate	EPA 8081			µg/l	<0.0032	--	<0.0029	--	--	--	--	--	--	--	--	--	--
	Endrin	EPA 8081	2	BCL	µg/l	<0.0022	--	<0.0019	--	--	--	--	--	--	--	--	--	--
	Endrin aldehyde	EPA 8081			µg/l	<0.0022	--	<0.0019	--	--	--	--	--	--	--	--	--	--
	Endrin ketone	EPA 8081			µg/l	<0.0076	--	<0.0068	--	--	--	--	--	--	--	--	--	--
	Heptachlor	EPA 8081	0.4	MCL	µg/l	<0.0032	--	<0.0029	--	--	--	--	--	--	--	--	--	--
Heptachlor epoxide	EPA 8081	0.2	BCL	µg/l	<0.0027	--	<0.0024	--	--	--	--	--	--	--	--	--	--	
Methoxychlor	EPA 8081	40	MCL	µg/l	<0.0038	--	<0.0034	--	--	--	--	--	--	--	--	--	--	
Toxaphene	EPA 8081	3	MCL	µg/l	<0.27	--	<0.24	--	--	--	--	--	--	--	--	--	--	
PAHs	Acenaphthylene	EPA 8270	6.22	BCL	µg/l	<0.20	--	<0.19	--	--	<0.19 R	--	--	--	--	--	--	
	Benzo(a)anthracene	EPA 8270	0.107	BCL	µg/l	<2.0	--	<1.9	--	--	<1.9 R	--	--	--	--	--	--	
	Benzo(a)pyrene	EPA 8270	0.2	BCL	µg/l	<0.51	--	<0.49	--	--	0.47 UJ	--	--	--	--	--	--	
	Benzo(b)fluoranthene	EPA 8270	0.107	BCL	µg/l	<1.0	--	<0.97	--	--	<0.95	--	--	--	--	--	--	
	Benzo(g,h,i)perylene	EPA 8270	1,000	BCL	µg/l	2.0 UJ	--	1.9 UJ	--	--	1.9 UJ	--	--	--	--	--	--	
	Indeno(1,2,3-cd)pyrene	EPA 8270	0.107	BCL	µg/l	1.0 UJ	--	0.97 UJ	--	--	0.95 UJ	--	--	--	--	--	--	
	Phenanthrene	EPA 8270	6.22	BCL	µg/l	<0.20	--	<0.19	--	--	0.19 UJ	--	--	--	--	--	--	
Radionuclides	Radium-226	EPA 903.0	5	BCL	pCi/l	<0.196	<0.224	<0.0879	<0.213	<0.187	<b>0.649</b>	<b>0.174</b>	<b>0.679</b>	<b>0.778</b>	<b>0.264</b>	<b>0.648</b>	<b>0.258</b>	<b>0.563</b>
	Radium-228	EPA 904.0	5	BCL	pCi/l	<0.371	<0.381	<0.391	<0.345	<0.331	<0.713	<0.335	<b>0.526 J</b>	<b>1.05 J</b>	<0.733	<0.723	<0.362	<b>0.357</b>
	Thorium-228	DOE A-01-R	0.14	BCL	pCi/l	<0.956	<0.602	<0.146	<0.573	<0.683	<0.998	<0.592	<0.969	<0.669	<0.647	<0.794	<b>1.45</b>	<0.682
	Thorium-230	DOE A-01-R	0.05	BCL	pCi/l	<0.553	<b>0.967 J</b>	<0.267	<b>1.05 J</b>	<b>0.740 J</b>	<0.691	<0.691	<0.860	<0.464	<b>1.11</b>	<0.706	<b>1.14</b>	<b>0.905 J</b>
	Thorium-232	DOE A-01-R	0.17	BCL	pCi/l	<0.647	<0.144	<0.235	<0.260	<0.341	<0.513	<0.570	<0.715	<0.395	<0.367	<0.310	<b>0.251</b>	<0.325
	Uranium-233/234	DOE A-01-R			pCi/l	<b>5.97</b>	<b>5.12</b>	<b>6.96</b>	<b>6.00</b>	<b>7.76</b>	<b>16.0</b>	<b>17.6 J</b>	<b>22.8</b>	<b>27.6</b>	<b>8.72 J</b>	<b>19.4</b>	<b>19.4</b>	<b>33.3</b>
	Uranium-235/236	DOE A-01-R			pCi/l	<0.620	<0.379	<b>0.270</b>	<0.336	<0.187	<0.600	<b>0.914</b>	<b>1.02 J</b>	0.836 UJ	<b>0.441</b>	<0.620	<b>0.571</b>	<b>1.37</b>
	Uranium-238	DOE A-01-R			pCi/l	<b>2.95</b>	<b>2.45</b>	<b>4.04</b>	<b>4.74</b>	<b>4.20</b>	<b>11.7</b>	<b>12.2</b>	<b>14.8</b>	<b>17.5</b>	<b>5.36</b>	<b>8.81</b>	<b>12.1</b>	<b>23.3</b>
Uranium-238	EPA 6020	30	BCL	µg/l	<b>10 J</b>	<b>8.9 J</b>	<b>13</b>	<b>12</b>	<b>12</b>	<b>47 J</b>	<b>44</b>	<b>57 J</b>	<b>61 J</b>	<b>22</b>	<b>36</b>	<b>37</b>	<b>66</b>	
General Chemistry	Alkalinity (as CaCO3)	SM 2320			µg/l	<b>120,000</b>	--	<b>83,000</b>	--	--	--	--	--	--	--	--	--	
	Ammonia (as N)	SM 4500-NH3			µg/l	--	--	--	--	--	--	--	--	--	--	--	--	
	Ammonia (as N)	SM 4500			µg/l	<100	<100	<100	<100	<100	<b>9,800</b>	<b>1,400</b>	<b>610</b>	<b>610</b>	<100	<100	<100	
	Bicarbonate as HCO3	SM 2320			mg/l	<b>140</b>	--	<b>100</b>	--	--	--	--	--	--	--	--	--	

**TABLE B-1. GROUNDWATER ANALYICAL RESULTS IN ON-SITE WELLS**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Residential Screening Levels		Unit	M-192		M-193			M-22A	M-23	M-25		M-2A	M-31A	M-32	M-33	
			Level	Source		02-02-2015	03-11-2015	01-19-2015	03-11-2015	03-11-2015	02-02-2015	02-05-2015	02-03-2015	02-03-2015	02-04-2015	01-28-2015	05-05-2015	05-05-2015	
						M-192-20150202	M-192-20150311	M-193-20150119	M-193-20150311	M-193-20150311-FD	M-22A-20150202	M-23-20150205	M-25-20150203	M-25-20150203-FD	M-2A-20150204	M-31A-20150128	M-32-20150505	M-33-20150505	
General Chemistry	Bromide	EPA 300			mg/l	<1.3	1.3	1.2	2	2	5 J	1.8 J	6.6	6	2.7 J	3.4 J	2.3 J	2.8	
	Calcium	EPA 200.7			mg/l	140	--	260	--	--	--	--	--	--	--	--	--	--	
	Carbon	EPA 5310			µg/l	880 J	--	1,100	--	--	--	--	--	--	--	--	--	--	
	Carbonate (CO3)	SM 2320			mg/l	<2.4	--	<2.4	--	--	--	--	--	--	--	--	--	--	
	Chloride	EPA 300	250	2 <sup>nd</sup> MCL	mg/l	210	220	280 J	280	290	1,200	890	1,100 J	1,200 J	1,200	530	380	320	
	Cyanide (total)	SM 4500-CN-E	0.2	BCL	mg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Dissolved Solids (total)	SM 2540C	500	2 <sup>nd</sup> MCL	mg/l	3,000	3,000	3,000	2,900	3,100	11,000	3,900 J	7,500	7,700	8,800 J	6,800	4,900	5,600	
	Hydroxide	SM 2320			mg/l	<1.4	--	<1.4	--	--	--	--	--	--	--	--	--	--	
	Nitrate (as NO3)	EPA 300			mg/l	7.8	6.9 J	16	16 J	16 J	200 J	180 J	110	120	58 J	40	19	27	
	Nitrate/Nitrite	EPA 300			µg/l	1,800	1,600 J	3,600	3,600 J	3,600 J	46,000 J	41,000 J	24,000	26,000	13,000 J	9,100	4,300	6,200	
	Nitrite	EPA 300	1	BCL	mg/l	<0.35	<0.07	<0.14	<0.07	<0.07	<35	<0.35	<0.7	<0.7	<0.7	<0.7	<0.35	<0.35	
	ortho-Phosphate (total) (as P)	EPA 300			mg/l	<0.4	--	<0.16	--	--	--	--	--	--	--	--	--	--	
	Phosphorus (total)	EPA 365.3	0.667	BCL	µg/l	150	150	63	56	46 J	<25	<25	<25	<25	<25	28 J	32 J	49 J	
	Potassium	EPA 200.7			mg/l	140	--	13	--	--	--	--	--	--	--	--	--	--	
	Sodium	EPA 200.7			mg/l	640	--	510	--	--	--	--	--	--	--	--	--	--	
Sulfate	EPA 300			mg/l	1,100	1,200	1,000	1,000	1,100	1,400	1,200	1,200	1,200	1,300	1,300	1,600	2,300		
Sulfide (total)	EPA 9034			mg/l	1.0 UJ	--	<1.0	--	--	--	--	--	--	--	--	--	--		
OTHER	4-Chlorobenzenesulfonic acid	SW8321A	33,400	BCL	µg/l	<0.097	--	<0.097	--	--	--	--	--	--	--	--	--		

**Notes:**

ft bgs: feet below ground surface

FD: Field Duplicate

GW: Groundwater

Above Screening Level

bold value: detection

Groundwater screening levels were selected according to the following hierarchy of criteria:

1. Maximum Contaminant Level (MCL): Primary United States Environmental Protections Agency (USEPA) maximum contaminant level (40 CFR Part 141).
2. Basic Contaminant Level (BCL): Residential water basic comparison levels in NDEP February 2015 BCL Spreadsheet or Target Water Activities for radionuclides (NDEP 2015).
3. Regional Screening Level (RSL): Tap water regional screening levels in USEPA Pacific Southwest, Region 9, Regional Screening Levels Chemical Specific Parameters table, June 2015. The screening levels were selected as the minimal values of carcinogenic screening level and noncarcinogenic screening level (USEPA 2015).
4. 2<sup>nd</sup> Maximum Contaminant Level (2<sup>nd</sup> MCL): National Secondary Drinking Water Regulations (40 CFR Part 143).

**Sources:**

NDEP, 2015. User's Guide and Background Technical Document for NDEP Basic

Comparison Levels (BCLs) for Human Health for the BMI Complex and Common Areas. Revision 13, February.

USEPA, 2015. Regional Screening Levels (RSL) for Chemical Contaminants at Superfund Sites. June.

USEPA. National Primary Drinking Water Regulations. Code of Federal Regulations, 40 CFR Part 141.

USEPA. National Secondary Drinking Water Regulations. Code of Federal Regulations, 40 CFR Part 143.

**TABLE B-1. GROUNDWATER ANALYICAL RESULTS IN ON-SITE WELLS**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Residential Screening Levels		Unit	M-35		M-37	M-38		M-52	M-55		M-57A		M-58	M-5A	M-64
			Level	Source		01-29-2015	01-29-2015	01-29-2015	05-07-2015	05-07-2015	01-30-2015	02-05-2015	02-05-2015	02-06-2015	02-06-2015	02-04-2015	02-06-2015	02-02-2015
						M-35-20150129	M-35-20150129-FD	M-37-20150129	M-38-20150507	M-38-20150507-FD	M-52-20150130	M-55-20150205	M-55-20150205-FD	M-57A-20150206	M-57A-20150206-FD	M-58-20150204	M-5A-20150206	M-64-20150202
Chlorates	Chlorate	EPA 300.1	1,000	BCL	µg/l	920,000	920,000	12,000	4,400,000	4,400,000	720,000	--	--	17,000	16,000	3,000,000	360	46,000
	Perchlorate	EPA 314.0	18	BCL	µg/l	160,000	150,000	1,300,000	700,000	690,000	420,000	--	--	34,000	34,000	1,100,000	<950	27,000
Common Metals	Aluminum	EPA 200.7	0.05	BCL	mg/l	0.025 UJ	0.025 UJ	0.025 UJ	<0.050	<0.050	0.025 UJ	--	--	<0.025	<0.025	0.066	<0.050	<0.025
	Antimony	EPA 200.8	0.006	MCL	mg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Arsenic	EPA 200.8	0.01	MCL	mg/l	0.087	0.086	0.18	0.1	0.11	0.15	--	--	0.15	0.15	0.12	0.37	0.22
	Barium	EPA 200.7	2	MCL	mg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Boron	EPA 200.7	6.67	BCL	mg/l	12	12	3.3	4.3	4.4	6.0	--	--	2.3	2.2	4.9	2.1	3.2
	Cadmium	EPA 200.7	0.005	MCL	mg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Chromium (total)	EPA 200.7	0.1	MCL	mg/l	4.3	4.3	0.034	18	19	1.7	--	--	0.059	0.056	15	0.0069 J	0.23
	Cobalt	EPA 200.7	0.01	BCL	mg/l	<0.0025	<0.0025	<0.0025	<0.0050	<0.0050	<0.0025	--	--	<0.0025	<0.0025	<0.0025	<0.0050	<0.0025
	Copper	EPA 200.7	1.3	MCL	mg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Iron	EPA 200.7	0.3	BCL	mg/l	0.012 J	0.011 J	<0.010	0.035 J	0.028 J	0.010 J	--	--	<0.010	<0.010	<0.010	0.98	<0.010
	Lead	EPA 200.7	0.015	MCL	mg/l	<0.0025	<0.0025	<0.0025	0.0061 J	0.011 J	<0.0025	--	--	0.0076	0.0086	<0.013	0.014	<0.0025
	Magnesium	EPA 200.7	189	BCL	mg/l	170	170	110	240	250	91	--	--	150	140	210	900	79
	Manganese	EPA 200.7	0.02	BCL	mg/l	<0.010	<0.010	0.16	<0.020	<0.020	<0.010	--	--	<0.010	<0.010	0.14	1.4	<0.010
Mercury	EPA 7470	0.002	BCL	mg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	
Nickel	EPA 200.7	0.667	BCL	mg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	
Zinc	EPA 200.7	10	BCL	mg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	
Hexavalent Chromium	Chromium VI	EPA 218.6	100	BCL	µg/l	4,800 J	4,800 J	8.9 J	17,000	17,000	1,900 J	--	--	53 J	53 J	15,000	0.25 UJ	240
Rare Metals	Strontium	EPA 200.7	20	BCL	mg/l	7.8	8.0	5.4	14	14	5.8	--	--	6.4	5.9	13	26	3.8
	Tungsten	EPA 200.7	0.25	BCL	mg/l	<0.50 R	<0.50 R	<0.50 R	<0.50 R	<0.50 R	<0.50 R	--	--	<0.50 R	<0.50 R	<0.50	<1.0	<0.50 R
	Vanadium	EPA 200.7	0.167	BCL	mg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
VOCs	Benzene	EPA 8260	5	BCL	µg/l	<0.25	<0.25	<0.25	<1.3	<1.3	<0.25	--	--	<0.50	<0.50	<0.63	9.0	<0.25
	Bromobenzene	EPA 8260	85.2	BCL	µg/l	<0.25	<0.25	<0.25	<1.3	<1.3	<0.25	--	--	<0.50	<0.50	<0.63	<1.0	<0.25
	Bromochloromethane	EPA 8260	83	RSL	µg/l	<0.25	<0.25	<0.25	<1.3	<1.3	<0.25	--	--	<0.50	<0.50	<0.63	<1.0	<0.25
	Bromodichloromethane	EPA 8260	80	MCL	µg/l	<0.25	<0.25	<0.25	<1.3	<1.3	<0.25	--	--	<0.50	<0.50	<0.63	<1.0	0.42 J
	Bromoform	EPA 8260	80	MCL	µg/l	<0.40	<0.40	<0.40	<2.0	<2.0	<0.40	--	--	<0.80	<0.80	2.1 J	<1.6	<0.40
	Bromomethane	EPA 8260	8.53	BCL	µg/l	<0.25	<0.25	<0.25	<1.3	<1.3	<0.25	--	--	<0.50	<0.50	<0.63	<1.0	<0.25
	2-Butanone	EPA 8260	6,860	BCL	µg/l	<2.5	<2.5	<2.5	<13	<13	<2.5	--	--	<5.0	<5.0	<6.3	<10	<2.5
	n-Butylbenzene	EPA 8260	238	BCL	µg/l	<0.40	<0.40	<0.40	<2.0	<2.0	<0.40	--	--	<0.80	<0.80	<1.0	<1.6	<0.40
	sec-Butylbenzene	EPA 8260	238	BCL	µg/l	<0.25	<0.25	<0.25	<1.3	<1.3	<0.25	--	--	<0.50	<0.50	<0.63	<1.0	<0.25
	Carbon tetrachloride	EPA 8260	5	BCL	µg/l	<0.25	<0.25	<0.25	<1.3	<1.3	<0.25	--	--	2.4	2.6	0.65 J	<1.0	0.25 UJ
	Chlorobenzene	EPA 8260	100	BCL	µg/l	<0.25	<0.25	<0.25	<1.3	<1.3	<0.25	--	--	<0.50	<0.50	<0.63	1,400	<0.25
	Chloroethane	EPA 8260	26.9	BCL	µg/l	<0.40	<0.40	<0.40	<2.0	<2.0	<0.40	--	--	<0.80	<0.80	<1.0	<1.6	<0.40
	Chloroform	EPA 8260	80	MCL	µg/l	490	500	18	1,200	1,200	220	--	--	390	420	1,000	7.0	33
	Chloromethane	EPA 8260	3.12	BCL	µg/l	<0.25	<0.25	<0.25	<1.3	<1.3	<0.25	--	--	0.50 UJ	0.50 UJ	<0.63	1.0 UJ	<0.25
	2-Chlorotoluene	EPA 8260	90.2	BCL	µg/l	<0.25	<0.25	<0.25	<1.3	<1.3	<0.25	--	--	<0.50	<0.50	<0.63	<1.0	<0.25
	4-Chlorotoluene	EPA 8260	250	RSL	µg/l	<0.25	<0.25	<0.25	<1.3	<1.3	<0.25	--	--	<0.50	<0.50	<0.63	<1.0	<0.25
	Cumene	EPA 8260	667	BCL	µg/l	<0.25	<0.25	<0.25	<1.3	<1.3	<0.25	--	--	<0.50	<0.50	<0.63	<1.0	<0.25
	p-Cymene	EPA 8260	834	BCL	µg/l	<0.25	<0.25	<0.25	<1.3	<1.3	<0.25	--	--	<0.50	<0.50	<0.63	<1.0	<0.25
	Dibromochloromethane	EPA 8260	80	MCL	µg/l	<0.25	<0.25	<0.25	<1.3	<1.3	<0.25	--	--	<0.50	<0.50	<0.63	<1.0	<0.25
	1,2-Dibromoethane	EPA 8260	0.05	MCL	µg/l	<0.25	<0.25	<0.25	<1.3	<1.3	<0.25	--	--	<0.50	<0.50	<0.63	<1.0	<0.25
	Dibromomethane	EPA 8260	8.14	BCL	µg/l	<0.25	<0.25	<0.25	<1.3	<1.3	<0.25	--	--	<0.50	<0.50	<0.63	<1.0	<0.25
	1,2-Dichlorobenzene	EPA 8260	600	MCL	µg/l	<0.25	<0.25	<0.25	<1.3	<1.3	<0.25	--	--	<0.50	<0.50	<0.63	17	<0.25
	1,2-Dichlorobenzene	EPA 8270	600	MCL	µg/l	--	--	--	<0.21	<0.20	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene	EPA 8260	80.7	BCL	µg/l	<0.25	<0.25	<0.25	<1.3	<1.3	<0.25	--	--	<0.50	<0.50	<0.63	<1.0	<0.25	
1,4-Dichlorobenzene	EPA 8260	75	MCL	µg/l	<0.25	<0.25	<0.25	<1.3	<1.3	<0.25	--	--	<0.50	<0.50	<0.63	23	<0.25	
1,4-Dichlorobenzene	EPA 8270	75	MCL	µg/l	--	--	--	<0.21	<0.20	--	--	--	--	--	--	--	--	

**TABLE B-1. GROUNDWATER ANALYICAL RESULTS IN ON-SITE WELLS**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Residential Screening Levels		Unit	M-35		M-37	M-38		M-52	M-55		M-57A		M-58	M-5A	M-64	
			Level	Source		01-29-2015	01-29-2015	01-29-2015	05-07-2015	05-07-2015	01-30-2015	02-05-2015	02-05-2015	02-06-2015	02-06-2015	02-04-2015	02-06-2015	02-02-2015	
						M-35-20150129	M-35-20150129-FD	M-37-20150129	M-38-20150507	M-38-20150507-FD	M-52-20150130	M-55-20150205	M-55-20150205-FD	M-57A-20150206	M-57A-20150206-FD	M-58-20150204	M-5A-20150206	M-64-20150202	
VOCs	Dichlorodifluoromethane	EPA 8260	393	BCL	µg/l	0.25 UJ	0.25 UJ	0.25 UJ	<1.3	<1.3	0.25 UJ	--	--	0.50 UJ	0.50 UJ	<0.63	1.0 UJ	0.25 UJ	
	1,1-Dichloroethane	EPA 8260	2.79	BCL	µg/l	<0.25	<0.25	<0.25	<1.3	<1.3	<0.25	--	--	<0.50	<0.50	<0.63	<b>30</b>	<0.25	
	1,2-Dichloroethane	EPA 8260	5	BCL	µg/l	<0.25	<0.25	<0.25	<1.3	<1.3	<0.25	--	--	<0.50	<0.50	<0.63	<b>17</b>	<0.25	
	1,1-Dichloroethene	EPA 8260	7	MCL	µg/l	<0.25	<0.25	<b>0.50</b>	<1.3	<1.3	<0.25	--	--	<0.50	<0.50	<0.63	<1.0	<0.25	
	cis-1,2-Dichloroethene	EPA 8260	70	BCL	µg/l	<0.25	<0.25	<0.25	<1.3	<1.3	<0.25	--	--	<0.50	<0.50	<0.63	<1.0	<0.25	
	trans-1,2-Dichloroethene	EPA 8260	100	BCL	µg/l	<0.25	<0.25	<0.25	<1.3	<1.3	<0.25	--	--	<0.50	<0.50	<0.63	<1.0	<0.25	
	1,2-Dichloropropane	EPA 8260	5	BCL	µg/l	<0.25	<0.25	<0.25	<1.3	<1.3	<0.25	--	--	<0.50	<0.50	<0.63	<1.0	<0.25	
	1,3-Dichloropropane	EPA 8260	8.24	BCL	µg/l	<0.25	<0.25	<0.25	<1.3	<1.3	<0.25	--	--	<0.50	<0.50	<0.63	<1.0	<0.25	
	2,2-Dichloropropane	EPA 8260			µg/l	<0.40	<0.40	<0.40	<2.0	<2.0	<0.40	--	--	<0.80	<0.80	<1.0	<1.6	<0.40	
	1,1-Dichloropropene	EPA 8260			µg/l	<0.25	<0.25	<0.25	<1.3	<1.3	<0.25	--	--	<0.50	<0.50	<0.63	<1.0	<0.25	
	cis-1,3-Dichloropropene	EPA 8260			µg/l	<0.25	<0.25	<0.25	<1.3	<1.3	<0.25	--	--	<0.50	<0.50	<0.63	<1.0	<0.25	
	trans-1,3-Dichloropropene	EPA 8260			µg/l	0.25 UJ	0.25 UJ	0.25 UJ	<1.3	<1.3	0.25 UJ	--	--	0.50 UJ	0.50 UJ	<0.63	1.0 UJ	<0.25	
	1,4-Dioxane	EPA 8260BSIM	0.779	BCL	µg/l	--	--	--	<b>0.66 J</b>	<b>0.78 J</b>	--	--	--	--	--	--	--	--	--
	1,4-Dioxane	EPA 8260SIM	0.779	BCL	µg/l	0.50 UJ	<b>0.80 J</b>	<b>1.7 J</b>	--	--	<b>0.65 J</b>	--	--	<0.50	<0.50	<b>0.52 J</b>	<1.0	<0.50	
	Ethyl benzene	EPA 8260	700	MCL	µg/l	<0.25	<0.25	<0.25	<1.3	<1.3	<0.25	--	--	<0.50	<0.50	<0.63	<1.0	<0.25	
	Ethyl tert-butyl ether	EPA 8260			µg/l	<0.25	<0.25	<0.25	<1.3	<1.3	<0.25	--	--	<0.50	<0.50	<0.63	<1.0	<0.25	
	Hexachlorobutadiene	EPA 8260	0.999	BCL	µg/l	<0.25	<0.25	<0.25	<1.3	<1.3	<0.25	--	--	0.50 UJ	0.50 UJ	<0.63	1.0 UJ	<0.25	
	Methylene chloride	EPA 8260	5	BCL	µg/l	<0.88	<0.88	<0.88	<4.4	<4.4	<0.88	--	--	<1.8	<1.8	<2.2	<3.5	<0.88	
	Naphthalene	EPA 8260	0.165	BCL	µg/l	<0.40	<0.40	<0.40	<2.0	<2.0	<0.40	--	--	0.80 UJ	0.80 UJ	<1.0	1.6 UJ	<0.40	
	n-Propylbenzene	EPA 8260	238	BCL	µg/l	<0.25	<0.25	<0.25	<1.3	<1.3	<0.25	--	--	<0.50	<0.50	<0.63	<1.0	<0.25	
	Styrene	EPA 8260	100	BCL	µg/l	<0.25	<0.25	0.25 UJ	<1.3	<1.3	<0.25	--	--	<0.50	<0.50	<0.63	<1.0	<0.25	
	1,1,1,2-Tetrachloroethane	EPA 8260	0.605	BCL	µg/l	<0.25	<0.25	<0.25	<1.3	<1.3	<0.25	--	--	<0.50	<0.50	<0.63	<1.0	<0.25	
	1,1,2,2-Tetrachloroethane	EPA 8260	0.0775	BCL	µg/l	<0.25	<0.25	<0.25	<1.3	<1.3	<0.25	--	--	<0.50	<0.50	<0.63	<1.0	<0.25	
	Tetrachloroethene	EPA 8260	5	BCL	µg/l	<b>0.41 J</b>	<b>0.39 J</b>	<0.25	<1.3	<1.3	<0.25	--	--	<b>0.54 J</b>	0.50 UJ	<0.63	<1.0	<b>0.33 J</b>	
	Toluene	EPA 8260	1,000	MCL	µg/l	<0.25	<0.25	<0.25	<1.3	<1.3	<0.25	--	--	<0.50	<0.50	<0.63	<1.0	<0.25	
	1,2,3-Trichlorobenzene	EPA 8260	7	RSL	µg/l	<0.40	<0.40	<0.40	<2.0	<2.0	<0.40	--	--	<0.80	<0.80	<1.0	<1.6	<0.40	
	1,2,4-Trichlorobenzene	EPA 8260	70	MCL	µg/l	0.40 UJ	0.40 UJ	0.40 UJ	<2.0	<2.0	0.40 UJ	--	--	<0.80	<0.80	<1.0	<1.6	<0.40	
	1,1,1-Trichloroethane	EPA 8260	200	MCL	µg/l	<0.25	<0.25	<0.25	<1.3	<1.3	<0.25	--	--	<0.50	<0.50	<0.63	<1.0	<0.25	
	1,1,2-Trichloroethane	EPA 8260	5	BCL	µg/l	<0.25	<0.25	<0.25	<1.3	<1.3	<0.25	--	--	<0.50	<0.50	<0.63	<1.0	<0.25	
	Trichloroethene	EPA 8260	5	BCL	µg/l	<0.25	<0.25	<0.25	<b>5.3</b>	<b>5.3</b>	<0.25	--	--	<b>0.93 J</b>	0.50 UJ	<0.63	<b>2.9</b>	<b>0.39 J</b>	
	Trichlorofluoromethane	EPA 8260	1,270	BCL	µg/l	<0.25	<0.25	<0.25	<1.3	<1.3	<0.25	--	--	<0.50	<0.50	<0.63	<1.0	<0.25	
	1,2,3-Trichloropropane	EPA 8260	0.0026	BCL	µg/l	0.25 UJ	0.25 UJ	0.25 UJ	<1.3	<1.3	0.25 UJ	--	--	<0.50	<0.50	<0.63	<1.0	<0.25	
1,2,3-Trichloropropane	EPA 8260BSIM	0.0026	BCL	µg/l	--	--	--	<b>0.093</b>	<b>0.091</b>	--	--	--	--	--	--	--	--		
1,2,3-Trichloropropane	EPA 8260SIM	0.0026	BCL	µg/l	<b>0.060</b>	<b>0.063</b>	<b>0.19</b>	--	--	<b>0.026</b>	--	--	0.0025 UJ	<b>0.26 J</b>	<b>0.14</b>	<0.0050	<b>0.056</b>		
1,2,4-Trimethylbenzene	EPA 8260	14.6	BCL	µg/l	<0.25	<0.25	<0.25	<1.3	<1.3	<0.25	--	--	<0.50	<0.50	<0.63	<1.0	<0.25		
1,3,5-Trimethylbenzene	EPA 8260	14.5	BCL	µg/l	<0.25	<0.25	<0.25	<1.3	<1.3	<0.25	--	--	<0.50	<0.50	<0.63	<1.0	<0.25		
Vinyl chloride	EPA 8260	2	BCL	µg/l	<0.25	<0.25	<0.25	<1.3	<1.3	<0.25	--	--	<0.50	<0.50	<0.63	<1.0	<0.25		
m,p-Xylene	EPA 8260			µg/l	<0.50	<0.50	<0.50	<2.5	<2.5	<0.50	--	--	<1.0	<1.0	<1.3	<2.0	<0.50		
o-Xylene	EPA 8260	1,200	BCL	µg/l	<0.25	<0.25	<0.25	<1.3	<1.3	<0.25	--	--	<0.50	<0.50	<0.63	<1.0	<0.25		
1,2-Dibromo-3-chloropropane	EPA 8260	0.2	MCL	µg/l	<0.50	<0.50	<0.50	<2.5	<2.5	<0.50	--	--	<1.0	<1.0	<1.3	<2.0	<0.50		
tert-Butylbenzene	EPA 8260	238	BCL	µg/l	<0.25	<0.25	<0.25	<1.3	<1.3	<0.25	--	--	0.50 UJ	0.50 UJ	<0.63	1.0 UJ	<0.25		
SVOCs	Acenaphthene	EPA 8270	6.24	BCL	µg/l	--	--	--	0.21 UJ	<0.20	--	--	--	--	--	--	--	--	
	Aniline	EPA 8270	13.7	BCL	µg/l	--	--	--	<2.1 R	2.0 UJ	--	--	--	--	--	--	--	--	
	Anthracene	EPA 8270	6.25	BCL	µg/l	--	--	--	0.21 UJ	<0.20	--	--	--	--	--	--	--	--	
	Benzidine	EPA 8270	0.000339	BCL	µg/l	--	--	--	<5.3 R	<5.1 R	--	--	--	--	--	--	--	--	
	Benzo(k)fluoranthene	EPA 8270	1.07	BCL	µg/l	--	--	--	<0.26	<0.25	--	--	--	--	--	--	--	--	
	Benzoic acid	EPA 8270	133,000	BCL	µg/l	--	--	--	<2.1 R	<2.0 R	--	--	--	--	--	--	--	--	
	Benzyl alcohol	EPA 8270	16,700	BCL	µg/l	--	--	--	<2.1	<2.0	--	--	--	--	--	--	--	--	

**TABLE B-1. GROUNDWATER ANALYICAL RESULTS IN ON-SITE WELLS**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Residential Screening Levels		Unit	M-35		M-37	M-38		M-52	M-55		M-57A		M-58	M-5A	M-64
			Level	Source		01-29-2015	01-29-2015	01-29-2015	05-07-2015	05-07-2015	01-30-2015	02-05-2015	02-05-2015	02-06-2015	02-06-2015	02-04-2015	02-06-2015	02-02-2015
						M-35-20150129	M-35-20150129-FD	M-37-20150129	M-38-20150507	M-38-20150507-FD	M-52-20150130	M-55-20150205	M-55-20150205-FD	M-57A-20150206	M-57A-20150206-FD	M-58-20150204	M-5A-20150206	M-64-20150202
SVOCs	4-Bromophenyl-phenyl ether	EPA 8270			µg/l	--	--	--	<0.53	<0.51	--	--	--	--	--	--	--	--
	Butylbenzylphthalate	EPA 8270	41	BCL	µg/l	--	--	--	<2.1	<2.0	--	--	--	--	--	--	--	--
	4-Chloroaniline	EPA 8270	0.39	BCL	µg/l	--	--	--	<1.1 R	1.0 UJ	--	--	--	--	--	--	--	--
	2-Chloronaphthalene	EPA 8270	2.08	BCL	µg/l	--	--	--	<0.21	<0.20	--	--	--	--	--	--	--	--
	2-Chlorophenol	EPA 8270	64.2	BCL	µg/l	--	--	--	<0.53 R	<0.51 R	--	--	--	--	--	--	--	--
	4-Chlorophenyl-phenyl ether	EPA 8270			µg/l	--	--	--	<0.21	<0.20	--	--	--	--	--	--	--	--
	Chrysene	EPA 8270	10.7	BCL	µg/l	--	--	--	<0.21	<0.20	--	--	--	--	--	--	--	--
	Di-n-butylphthalate	EPA 8270	3,340	BCL	µg/l	--	--	--	<1.1	<1.0	--	--	--	--	--	--	--	--
	Di-n-octylphthalate	EPA 8270	400	BCL	µg/l	--	--	--	<2.1	<2.0	--	--	--	--	--	--	--	--
	Dibenz(a,h)anthracene	EPA 8270	0.0107	BCL	µg/l	--	--	--	<0.26	<0.25	--	--	--	--	--	--	--	--
	Dibenzofuran	EPA 8270	66.7	BCL	µg/l	--	--	--	<0.21	<0.20	--	--	--	--	--	--	--	--
	1,3-Dichlorobenzene	EPA 8270	80.7	BCL	µg/l	--	--	--	<0.21	<0.20	--	--	--	--	--	--	--	--
	3,3'-Dichlorobenzidine	EPA 8270	0.173	BCL	µg/l	--	--	--	<2.1 R	<2.0 R	--	--	--	--	--	--	--	--
	2,4-Dichlorophenol	EPA 8270	100	BCL	µg/l	--	--	--	<1.1 R	<1.0 R	--	--	--	--	--	--	--	--
	Diethylphthalate	EPA 8270	26,700	BCL	µg/l	--	--	--	<b>2.3 J</b>	<b>1.4 J</b>	--	--	--	--	--	--	--	--
	2,4-Dimethylphenol	EPA 8270	667	BCL	µg/l	--	--	--	<1.1 R	<1.0 R	--	--	--	--	--	--	--	--
	Dimethylphthalate	EPA 8270	334,000	BCL	µg/l	--	--	--	<0.26	<0.25	--	--	--	--	--	--	--	--
	2,4-Dinitrophenol	EPA 8270	66.7	BCL	µg/l	--	--	--	<2.1 R	<2.0 R	--	--	--	--	--	--	--	--
	2,4-Dinitrotoluene	EPA 8270	0.251	BCL	µg/l	--	--	--	<2.1	<2.0	--	--	--	--	--	--	--	--
	2,6-Dinitrotoluene	EPA 8270	33.4	BCL	µg/l	--	--	--	<2.1	<2.0	--	--	--	--	--	--	--	--
	1,2-Diphenylhydrazine	EPA 8270	0.0974	BCL	µg/l	--	--	--	<0.53	<0.51	--	--	--	--	--	--	--	--
	Fluoranthene	EPA 8270	1,330	BCL	µg/l	--	--	--	<0.21	<0.20	--	--	--	--	--	--	--	--
	Fluorene	EPA 8270	6.23	BCL	µg/l	--	--	--	<0.21	<0.20	--	--	--	--	--	--	--	--
	Hexachlorobenzene	EPA 8270	1	MCL	µg/l	--	--	--	<0.53	<0.51	--	--	--	--	--	--	--	--
	Hexachlorobutadiene	EPA 8270	0.999	BCL	µg/l	--	--	--	<0.53	<0.51	--	--	--	--	--	--	--	--
	Hexachlorocyclopentadiene	EPA 8270	50	BCL	µg/l	--	--	--	<2.1	<2.0	--	--	--	--	--	--	--	--
	Hexachloroethane	EPA 8270	5.56	BCL	µg/l	--	--	--	<0.53	<0.51	--	--	--	--	--	--	--	--
	Isophorone	EPA 8270	82	BCL	µg/l	--	--	--	<0.53	<0.51	--	--	--	--	--	--	--	--
	1-Methylnaphthalene	EPA 8270	1.1	RSL	µg/l	--	--	--	<3.7	<3.6	--	--	--	--	--	--	--	--
	2-Methylnaphthalene	EPA 8270	36	RSL	µg/l	--	--	--	0.53 UJ	<0.51	--	--	--	--	--	--	--	--
	2-Methylphenol	EPA 8270	1,670	BCL	µg/l	--	--	--	<1.1 R	<1.0 R	--	--	--	--	--	--	--	--
	3&4-Methylphenol	EPA 8270			µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	4-Methylphenol	EPA 8270	167	BCL	µg/l	--	--	--	<2.1 R	<2.0 R	--	--	--	--	--	--	--	--
	Naphthalene	EPA 8270	0.165	BCL	µg/l	--	--	--	0.53 UJ	<0.51	--	--	--	--	--	--	--	--
	2-Nitroaniline	EPA 8270	100	BCL	µg/l	--	--	--	2.1 UJ	<2.0	--	--	--	--	--	--	--	--
	3-Nitroaniline	EPA 8270			µg/l	--	--	--	<2.1 R	2.0 UJ	--	--	--	--	--	--	--	--
	4-Nitroaniline	EPA 8270	3.8	RSL	µg/l	--	--	--	<2.1 R	2.0 UJ	--	--	--	--	--	--	--	--
	Nitrobenzene	EPA 8270	0.14	BCL	µg/l	--	--	--	<0.53	<0.51	--	--	--	--	--	--	--	--
	2-Nitrophenol	EPA 8270			µg/l	--	--	--	<1.1 R	<1.0 R	--	--	--	--	--	--	--	--
	4-Nitrophenol	EPA 8270	267	BCL	µg/l	--	--	--	<2.1 R	<2.0 R	--	--	--	--	--	--	--	--
n-Nitrosodiphenylamine	EPA 8270	15.9	BCL	µg/l	--	--	--	<0.53 R	<0.51	--	--	--	--	--	--	--	--	
Octachlorostyrene	EPA 8270			µg/l	--	--	--	<6.9	<6.6	--	--	--	--	--	--	--	--	
Pentachlorophenol	EPA 8270	1	BCL	µg/l	--	--	--	<1.1 R	<1.0 R	--	--	--	--	--	--	--	--	
Phenol	EPA 8270	10,000	BCL	µg/l	--	--	--	<0.53 R	<0.51 R	--	--	--	--	--	--	--	--	
Pyrene	EPA 8270	6.22	BCL	µg/l	--	--	--	0.21 UJ	<0.20	--	--	--	--	--	--	--	--	
1,2,4-Trichlorobenzene	EPA 8270	70	MCL	µg/l	--	--	--	<0.53	<0.51	--	--	--	--	--	--	--	--	
2,4,5-Trichlorophenol	EPA 8270	3,340	BCL	µg/l	--	--	--	<1.1 R	<1.0 R	--	--	--	--	--	--	--	--	
2,4,6-Trichlorophenol	EPA 8270	7.08	BCL	µg/l	--	--	--	<0.53 R	<0.51 R	--	--	--	--	--	--	--	--	

**TABLE B-1. GROUNDWATER ANALYICAL RESULTS IN ON-SITE WELLS**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Residential Screening Levels		Unit	M-35		M-37	M-38		M-52	M-55		M-57A		M-58	M-5A	M-64
			Level	Source		01-29-2015	01-29-2015	01-29-2015	05-07-2015	05-07-2015	01-30-2015	02-05-2015	02-05-2015	02-06-2015	02-06-2015	02-04-2015	02-06-2015	02-02-2015
						M-35-20150129	M-35-20150129-FD	M-37-20150129	M-38-20150507	M-38-20150507-FD	M-52-20150130	M-55-20150205	M-55-20150205-FD	M-57A-20150206	M-57A-20150206-FD	M-58-20150204	M-5A-20150206	M-64-20150202
SVOCs	bis(2-Chloro-1-methylethyl) ether	EPA 8270	0.373	BCL	µg/l	--	--	--	<0.21	<0.20	--	--	--	--	--	--	--	--
	bis(2-Chloroethoxy)methane	EPA 8270	59	RSL	µg/l	--	--	--	0.21 UJ	0.20 UJ	--	--	--	--	--	--	--	--
	bis(2-Chloroethyl) ether	EPA 8270	0.0137	BCL	µg/l	--	--	--	<0.21	<0.20	--	--	--	--	--	--	--	--
	bis(2-Ethylhexyl)phthalate	EPA 8270	6	BCL	µg/l	--	--	--	<2.1	<2.0	--	--	--	--	--	--	--	--
	4,6-Dinitro-2-methylphenol	EPA 8270			µg/l	--	--	--	<2.1 R	<2.0 R	--	--	--	--	--	--	--	--
	4-Chloro-3-methylphenol	EPA 8270	1,400	RSL	µg/l	--	--	--	<0.21 R	<0.20 R	--	--	--	--	--	--	--	--
n-Nitroso-di-n-propylamine	EPA 8270	0.0111	BCL	µg/l	--	--	--	<1.1	<1.0	--	--	--	--	--	--	--	--	
Organo-chlorine Pesticides	Aldrin	EPA 8081	0.00458	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	alpha-BHC	EPA 8081	10	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	beta-BHC	EPA 8081	2	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	delta-BHC	EPA 8081	10	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	gamma-BHC	EPA 8081	0.2	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	gamma-Chlordane	EPA 8081			µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	4,4'-DDD	EPA 8081	0.325	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	2,4'-DDE	EPA 8081			µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	4,4'-DDE	EPA 8081	0.229	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	4,4'-DDT	EPA 8081	0.229	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Dieldrin	EPA 8081	0.00487	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Endosulfan I	EPA 8081			µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Endosulfan II	EPA 8081			µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Endosulfan sulfate	EPA 8081			µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Endrin	EPA 8081	2	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Endrin aldehyde	EPA 8081			µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Endrin ketone	EPA 8081			µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
Heptachlor	EPA 8081	0.4	MCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	
Heptachlor epoxide	EPA 8081	0.2	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	
Methoxychlor	EPA 8081	40	MCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	
Toxaphene	EPA 8081	3	MCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	
PAHs	Acenaphthylene	EPA 8270	6.22	BCL	µg/l	--	--	--	0.21 UJ	<0.20	--	--	--	--	--	--	--	
	Benzo(a)anthracene	EPA 8270	0.107	BCL	µg/l	--	--	--	2.1 UJ	<2.0	--	--	--	--	--	--	--	
	Benzo(a)pyrene	EPA 8270	0.2	BCL	µg/l	--	--	--	0.53 UJ	<0.51	--	--	--	--	--	--	--	
	Benzo(b)fluoranthene	EPA 8270	0.107	BCL	µg/l	--	--	--	<1.1	<1.0	--	--	--	--	--	--	--	
	Benzo(g,h,i)perylene	EPA 8270	1,000	BCL	µg/l	--	--	--	<2.1	<2.0	--	--	--	--	--	--	--	
	Indeno(1,2,3-cd)pyrene	EPA 8270	0.107	BCL	µg/l	--	--	--	<1.1	<1.0	--	--	--	--	--	--	--	
	Phenanthrene	EPA 8270	6.22	BCL	µg/l	--	--	--	0.21 UJ	<0.20	--	--	--	--	--	--	--	
Radionuclides	Radium-226	EPA 903.0	5	BCL	pCi/l	1.34	1.08	0.577	<0.166	<0.154	0.472	--	--	0.490 J	0.813 J	0.646	0.864 J	<0.178
	Radium-228	EPA 904.0	5	BCL	pCi/l	<0.374	<0.362	0.576 J	<0.721	<0.613	<0.381	--	--	0.332 UJ	0.557 J	<0.644	0.909 J	<0.396
	Thorium-228	DOE A-01-R	0.14	BCL	pCi/l	<0.597	<0.444	<0.624	<0.644	<0.768	<0.615	--	--	<0.653	<0.627	0.985 J	<0.724	0.879
	Thorium-230	DOE A-01-R	0.05	BCL	pCi/l	0.545 J	0.515 J	0.613 J	1.28	0.993 J	0.920 J	--	--	1.02 J	0.372 UJ	<0.360	0.857 J	0.859
	Thorium-232	DOE A-01-R	0.17	BCL	pCi/l	<0.323	<0.316	<0.276	<0.344	<0.308	<0.307	--	--	<0.145	<0.150	<0.150	<0.361	<0.283
	Uranium-233/234	DOE A-01-R			pCi/l	29.2	27.3	24.1	17.5	15.5	7.82	--	--	3.53	3.69	17.8	16.4	8.09
	Uranium-235/236	DOE A-01-R			pCi/l	1.01	0.897	0.564	0.763	0.636	0.536	--	--	0.182 J	0.401 UJ	<0.464	0.430	<0.416
	Uranium-238	DOE A-01-R			pCi/l	18.2	21.0	16.5	10.0	10.5	4.26	--	--	2.24	2.55	11.3	10.9	3.76
Uranium-238	EPA 6020	30	BCL	µg/l	67	70	55	31	34	14	--	--	9.4	9.5	39	42	16 J	
General Chemistry	Alkalinity (as CaCO3)	SM 2320			µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Ammonia (as N)	SM 4500-NH3			µg/l	--	--	--	4,700	4,700	--	--	--	--	--	--	--	--
	Ammonia (as N)	SM 4500			µg/l	120 J	110 J	260,000	--	--	<100	--	--	<100	<100	16,000	<100	<100
	Bicarbonate as HCO3	SM 2320			mg/l	--	--	--	--	--	--	--	--	--	--	--	--	--



**TABLE B-1. GROUNDWATER ANALYICAL RESULTS IN ON-SITE WELLS**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Residential Screening Levels		Unit	M-35		M-37	M-38		M-52	M-55		M-57A		M-58	M-5A	M-64
			Level	Source		01-29-2015	01-29-2015	01-29-2015	05-07-2015	05-07-2015	01-30-2015	02-05-2015	02-05-2015	02-06-2015	02-06-2015	02-04-2015	02-06-2015	02-02-2015
						M-35-20150129	M-35-20150129-FD	M-37-20150129	M-38-20150507	M-38-20150507-FD	M-52-20150130	M-55-20150205	M-55-20150205-FD	M-57A-20150206	M-57A-20150206-FD	M-58-20150204	M-5A-20150206	M-64-20150202
General Chemistry	Bromide	EPA 300			mg/l	<2.5	<2.5	<2.5	7.5 J	5 UJ	<2.5	--	--	5.6	5.9	5.8 J	<5	<1.3
	Calcium	EPA 200.7			mg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Carbon	EPA 5310			µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Carbonate (CO3)	SM 2320			mg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Chloride	EPA 300	250	2 <sup>nd</sup> MCL	mg/l	460	450	620	1,200	1,100	450	--	--	760	740	1,100	5,100	170
	Cyanide (total)	SM 4500-CN-E	0.2	BCL	mg/l	--	--	--	--	--	--	<0.013 R	<0.013 R	--	--	--	--	--
	Dissolved Solids (total)	SM 2540C	500	2 <sup>nd</sup> MCL	mg/l	5,300	5,400	5,300	11,000	11,000	2,500	--	--	3,400	2,800	9,500	12,000	3,000
	Hydroxide	SM 2320			mg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Nitrate (as NO3)	EPA 300			mg/l	25	26	580	100 J	100 J	26	--	--	41 J	43 J	100	5.0 UJ	17
	Nitrate/Nitrite	EPA 300			µg/l	5,600	5,800	130,000	--	--	5,800	--	--	9,200 J	9,700 J	23,000	1,400 UJ	3,800
	Nitrite	EPA 300	1	BCL	mg/l	<0.7	<0.7	4.4	<1.4	<1.4	<0.7	--	--	<0.35	<0.35	<1.4	1.4 UJ	<0.35
	ortho-Phosphate (total) (as P)	EPA 300			mg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Phosphorus (total)	EPA 365.3	0.667	BCL	µg/l	<25	<25	65	25 UJ	30 J	<25	--	--	25 UJ	28 J	30 J	110 J	48 J
	Potassium	EPA 200.7			mg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Sodium	EPA 200.7			mg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
Sulfate	EPA 300			mg/l	1,700	1,700	1,300	1,400	1,300	1,500	--	--	1,100	1,100	1,300	1,600 J	1,800	
Sulfide (total)	EPA 9034			mg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	
OTHER	4-Chlorobenzenesulfonic acid	SW8321A	33,400	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	23,000 J	--	

**Notes:**

ft bgs: feet below ground surface

FD: Field Duplicate

GW: Groundwater

Above Screening Level

bold value: detection

Groundwater screening levels were selected according to the following hierarchy of criteria:

1. Maximum Contaminant Level (MCL): Primary United States Environmental Protections Agency (USEPA) maximum contaminant level (40 CFR Part 141).
2. Basic Contaminant Level (BCL): Residential water basic comparison levels in NDEP February 2015 BCL Spreadsheet or Target Water Activities for radionuclides (NDEP 2015).
3. Regional Screening Level (RSL): Tap water regional screening levels in USEPA Pacific Southwest, Region 9, Regional Screening Levels Chemical Specific Parameters table, June 2015. The screening levels were selected as the minimal values of carcinogenic screening level and noncarcinogenic screening level (USEPA 2015).
4. 2<sup>nd</sup> Maximum Contaminant Level (2<sup>nd</sup> MCL): National Secondary Drinking Water Regulations (40 CFR Part 143).

**Sources:**

NDEP, 2015. User's Guide and Background Technical Document for NDEP Basic

Comparison Levels (BCLs) for Human Health for the BMI Complex and Common Areas. Revision 13, February.

USEPA, 2015. Regional Screening Levels (RSL) for Chemical Contaminants at Superfund Sites. June.

USEPA. National Primary Drinking Water Regulations. Code of Federal Regulations, 40 CFR Part 141.

USEPA. National Secondary Drinking Water Regulations. Code of Federal Regulations, 40 CFR Part 143.



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**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Residential Screening Levels		Unit	M-65	M-66		M-67	M-68	M-69	M-6A	M-70	M-71	M-72	M-73	M-74	M-75
			Level	Source		02-03-2015	02-03-2015	02-03-2015	01-29-2015	02-04-2015	02-04-2015	01-22-2015	02-04-2015	02-04-2015	02-04-2015	01-29-2015	01-29-2015	02-03-2015
						M-65-20150203	M-66-20150203	M-66-20150203-FD	M-67-20150129	M-68-20150204	M-69-20150204	M-6A-20150122	M-70-20150204	M-71-20150204	M-72-20150204	M-73-20150129	M-74-20150129	M-75-20150203
Chlorates	Chlorate	EPA 300.1	1,000	BCL	µg/l	4,800,000	4,400,000	4,300,000	1,300,000	470,000	16,000	6,900	1,300,000	1,500,000	3,600,000	2,900,000	450,000	610,000
	Perchlorate	EPA 314.0	18	BCL	µg/l	1,600,000	2,300,000	2,300,000	290,000	190,000	350,000	11,000	670,000	970,000	1,300,000	550,000	150,000	38,000
Common Metals	Aluminum	EPA 200.7	0.05	BCL	mg/l	<0.050	<0.050	<0.050	0.052	<0.025	<0.025	0.025 J	0.045 J	0.025 J	0.052 J	0.040 J	0.041 J	<0.025
	Antimony	EPA 200.8	0.006	MCL	mg/l	--	--	--	--	--	--	<0.00050	--	--	--	--	--	--
	Arsenic	EPA 200.8	0.01	MCL	mg/l	0.096	0.1	0.1	0.12	0.13	0.13	0.074	0.064	0.08	0.098	0.065	0.19	0.1
	Barium	EPA 200.7	2	MCL	mg/l	--	--	--	--	--	--	0.035	--	--	--	--	--	--
	Boron	EPA 200.7	6.67	BCL	mg/l	4.5	4.7	4.5	9.7 J	5.0	3.1	3.8	6.8	6.1	12	14 J	4.6 J	4.3
	Cadmium	EPA 200.7	0.005	MCL	mg/l	--	--	--	--	--	--	<0.0020	--	--	--	--	--	--
	Chromium (total)	EPA 200.7	0.1	MCL	mg/l	21	22	20	5.1	1.5	0.055	<0.0025	4.0	5.3	11	11	1.4	1.6
	Cobalt	EPA 200.7	0.01	BCL	mg/l	<0.0050	<0.0050	<0.0050	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0050	<0.0025	<0.0025
	Copper	EPA 200.7	1.3	MCL	mg/l	--	--	--	--	--	--	<0.0050	--	--	--	--	--	--
	Iron	EPA 200.7	0.3	BCL	mg/l	<0.020	<0.020	<0.020	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	0.088	<0.010	<0.010	<0.010
	Lead	EPA 200.7	0.015	MCL	mg/l	<0.0050	<0.013	<0.013	<0.0025	<0.0025	0.0025 UJ	0.0025 UJ	<0.0025	<0.0025	<0.0050	<0.0025	<0.0025	<0.0025
	Magnesium	EPA 200.7	189	BCL	mg/l	320	350	340	220	270	140	360	250	240	450	410	240	99
	Manganese	EPA 200.7	0.02	BCL	mg/l	<0.020	<0.020	<0.020	<0.010	0.047	<0.010	<0.010	0.013 J	<0.010	0.028 J	<0.010	<0.010	<0.010
	Mercury	EPA 7470	0.002	BCL	mg/l	--	--	--	--	--	--	<0.00010 R	--	--	--	--	--	--
Nickel	EPA 200.7	0.667	BCL	mg/l	--	--	--	--	--	--	<0.0050	--	--	--	--	--	--	
Zinc	EPA 200.7	10	BCL	mg/l	--	--	--	--	--	--	<0.010	--	--	--	--	--	--	
Hexavalent Chromium	Chromium VI	EPA 218.6	100	BCL	µg/l	20,000 J	20,000 J	20,000 J	6,100	1,800 J	53 J	0.41 J	4,300	5,700 J	10,000	13,000	1,500 J	1,700 J
Rare Metals	Strontium	EPA 200.7	20	BCL	mg/l	19	21	20	9.3	12	7.5	17	13	14	26	20	9.8	3.7
	Tungsten	EPA 200.7	0.25	BCL	mg/l	<1.0 R	<1.0 R	<1.0 R	<0.50 R	<0.50	<0.50	<0.50 R	<0.50	<0.50	<1.0	<0.50 R	<0.50 R	<0.50
	Vanadium	EPA 200.7	0.167	BCL	mg/l	--	--	--	--	--	--	0.024	--	--	--	--	--	--
VOCs	Benzene	EPA 8260	5	BCL	µg/l	<1.0	<1.0	<1.0	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.63	<0.25	<0.25
	Bromobenzene	EPA 8260	85.2	BCL	µg/l	<1.0	<1.0	<1.0	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.63	<0.25	<0.25
	Bromochloromethane	EPA 8260	83	RSL	µg/l	<1.0	<1.0	<1.0	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.63	<0.25	<0.25
	Bromodichloromethane	EPA 8260	80	MCL	µg/l	<1.0	<1.0	<1.0	<0.50	0.29 J	0.25 UJ	<0.25	0.51	<0.25	0.53 J	<0.63	<0.25	<0.25
	Bromoform	EPA 8260	80	MCL	µg/l	<1.6	2.7 J	2.7 J	0.80 UJ	<0.40	0.40 UJ	<0.40	2.0	1.0	2.8	1.0 UJ	0.40 UJ	<0.40
	Bromomethane	EPA 8260	8.53	BCL	µg/l	<1.0	<1.0	<1.0	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.63	<0.25	<0.25
	2-Butanone	EPA 8260	6,860	BCL	µg/l	<10	<10	<10	5.0 UJ	<2.5	<2.5	<2.5	<2.5	<2.5	<5.0	6.3 UJ	2.5 UJ	<2.5
	n-Butylbenzene	EPA 8260	238	BCL	µg/l	<1.6	<1.6	<1.6	<0.80	<0.40	<0.40	<0.40	<0.40	<0.40	<0.80	<1.0	<0.40	<0.40
	sec-Butylbenzene	EPA 8260	238	BCL	µg/l	<1.0	<1.0	<1.0	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.63	<0.25	<0.25
	Carbon tetrachloride	EPA 8260	5	BCL	µg/l	<1.0	<1.0	<1.0	<0.50	0.52	0.25 UJ	<0.25	4.4	1.4	2.4	<0.63	0.40 J	<0.25
	Chlorobenzene	EPA 8260	100	BCL	µg/l	<1.0	<1.0	<1.0	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.63	<0.25	<0.25
	Chloroethane	EPA 8260	26.9	BCL	µg/l	<1.6	<1.6	<1.6	<0.80	<0.40	<0.40	<0.40	<0.40	<0.40	<0.80	<1.0	<0.40	<0.40
	Chloroform	EPA 8260	80	MCL	µg/l	1,400	1,400	1,400	690	330	55	2.0	280	190	560	1,000	240	160
	Chloromethane	EPA 8260	3.12	BCL	µg/l	<1.0	<1.0	<1.0	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.63	<0.25	<0.25
	2-Chlorotoluene	EPA 8260	90.2	BCL	µg/l	<1.0	<1.0	<1.0	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.63	<0.25	<0.25
	4-Chlorotoluene	EPA 8260	250	RSL	µg/l	<1.0	<1.0	<1.0	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.63	<0.25	<0.25
	Cumene	EPA 8260	667	BCL	µg/l	<1.0	<1.0	<1.0	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.63	<0.25	<0.25
	p-Cymene	EPA 8260	834	BCL	µg/l	<1.0	<1.0	<1.0	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.63	<0.25	<0.25
	Dibromochloromethane	EPA 8260	80	MCL	µg/l	<1.0	<1.0	<1.0	<0.50	<0.25	0.25 UJ	<0.25	0.25 J	<0.25	<0.50	<0.63	<0.25	<0.25
	1,2-Dibromoethane	EPA 8260	0.05	MCL	µg/l	<1.0	<1.0	<1.0	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.63	<0.25	<0.25
	Dibromomethane	EPA 8260	8.14	BCL	µg/l	<1.0	<1.0	<1.0	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.63	<0.25	<0.25
	1,2-Dichlorobenzene	EPA 8260	600	MCL	µg/l	1.1 J	<1.0	<1.0	<0.50	<0.25	3.3	<0.25	1.2	1.3	0.92 J	<0.63	<0.25	<0.25
	1,2-Dichlorobenzene	EPA 8270	600	MCL	µg/l	0.63	0.22 UJ	0.39 J	--	--	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene	EPA 8260	80.7	BCL	µg/l	<1.0	<1.0	<1.0	<0.50	<0.25	0.29 J	<0.25	0.79	1.1	2.6	<0.63	<0.25	<0.25	
1,4-Dichlorobenzene	EPA 8260	75	MCL	µg/l	<1.0	<1.0	<1.0	<0.50	<0.25	0.80	<0.25	1.0	0.82	1.1	<0.63	<0.25	<0.25	
1,4-Dichlorobenzene	EPA 8270	75	MCL	µg/l	0.28 J	0.22 UJ	0.41 J	--	--	--	--	--	--	--	--	--	--	

**TABLE B-1. GROUNDWATER ANALYICAL RESULTS IN ON-SITE WELLS**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Residential Screening Levels		Unit	M-65	M-66		M-67	M-68	M-69	M-6A	M-70	M-71	M-72	M-73	M-74	M-75	
			Level	Source		02-03-2015	02-03-2015	02-03-2015	01-29-2015	02-04-2015	02-04-2015	01-22-2015	02-04-2015	02-04-2015	02-04-2015	01-29-2015	01-29-2015	02-03-2015	
						M-65-20150203	M-66-20150203	M-66-20150203-FD	M-67-20150129	M-68-20150204	M-69-20150204	M-6A-20150122	M-70-20150204	M-71-20150204	M-72-20150204	M-73-20150129	M-74-20150129	M-75-20150203	
VOCs	Dichlorodifluoromethane	EPA 8260	393	BCL	µg/l	<1.0	<1.0	<1.0	0.50 UJ	<0.25	0.25 UJ	0.25 UJ	<0.25	<0.25	<0.50	0.63 UJ	0.25 UJ	<0.25	
	1,1-Dichloroethane	EPA 8260	2.79	BCL	µg/l	<1.0	<1.0	<1.0	<0.50	<0.25	<0.25	<b>2.1</b>	<0.25	<0.25	<0.50	<0.63	<0.25	<0.25	
	1,2-Dichloroethane	EPA 8260	5	BCL	µg/l	<1.0	<1.0	<1.0	<0.50	<0.25	0.25 UJ	<b>0.75</b>	<0.25	<0.25	<0.50	<0.63	<0.25	<0.25	
	1,1-Dichloroethene	EPA 8260	7	MCL	µg/l	<1.0	<1.0	<1.0	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.63	<0.25	<b>0.25 J</b>	
	cis-1,2-Dichloroethene	EPA 8260	70	BCL	µg/l	<1.0	<1.0	<1.0	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.63	<0.25	<0.25	
	trans-1,2-Dichloroethene	EPA 8260	100	BCL	µg/l	<1.0	<1.0	<1.0	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.63	<0.25	<0.25	
	1,2-Dichloropropane	EPA 8260	5	BCL	µg/l	<1.0	<1.0	<1.0	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.63	<0.25	<0.25	
	1,3-Dichloropropane	EPA 8260	8.24	BCL	µg/l	<1.0	<1.0	<1.0	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.63	<0.25	<0.25	
	2,2-Dichloropropane	EPA 8260			µg/l	<1.6	<1.6	<1.6	0.80 UJ	<0.40	0.40 UJ	<0.40	<0.40	<0.40	<0.80	1.0 UJ	0.40 UJ	<0.40	
	1,1-Dichloropropene	EPA 8260			µg/l	<1.0	<1.0	<1.0	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.63	<0.25	<0.25	
	cis-1,3-Dichloropropene	EPA 8260			µg/l	<1.0	<1.0	<1.0	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.63	<0.25	<0.25	
	trans-1,3-Dichloropropene	EPA 8260			µg/l	<1.0	<1.0	<1.0	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.63	<0.25	<0.25	
	1,4-Dioxane	EPA 8260BSIM	0.779	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	1,4-Dioxane	EPA 8260SIM	0.779	BCL	µg/l	<b>0.53 J</b>	<b>0.51 J</b>	<b>0.50 J</b>	<0.50	<b>0.69 J</b>	<b>0.73 J</b>	<0.50	<0.50	<0.50	<b>0.55 J</b>	<0.50	<0.50	<0.50	<b>1.5 J</b>
	Ethyl benzene	EPA 8260	700	MCL	µg/l	<1.0	<1.0	<1.0	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.63	<0.25	<0.25	
	Ethyl tert-butyl ether	EPA 8260			µg/l	<1.0	<1.0	<1.0	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.63	<0.25	<0.25	
	Hexachlorobutadiene	EPA 8260	0.999	BCL	µg/l	<1.0	<b>1.1 J</b>	<b>1.0 J</b>	0.50 UJ	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	0.63 UJ	0.25 UJ	<0.25	
	Methylene chloride	EPA 8260	5	BCL	µg/l	<3.5	<3.5	<3.5	<1.8	<0.88	<0.88	<0.88	<0.88	<0.88	<1.8	<2.2	<0.88	<0.88	
	Naphthalene	EPA 8260	0.165	BCL	µg/l	1.6 UJ	1.6 UJ	1.6 UJ	0.80 UJ	<0.40	<0.40	<0.40	<0.40	<0.40	<0.80	1.0 UJ	0.40 UJ	<0.40	
	n-Propylbenzene	EPA 8260	238	BCL	µg/l	<1.0	<1.0	<1.0	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.63	<0.25	<0.25	
	Styrene	EPA 8260	100	BCL	µg/l	<1.0	<1.0	<1.0	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.63	<0.25	<0.25	
	1,1,1,2-Tetrachloroethane	EPA 8260	0.605	BCL	µg/l	<1.0	<1.0	<1.0	<0.50	<0.25	0.25 UJ	<0.25	<0.25	<0.25	<0.50	<0.63	<0.25	<0.25	
	1,1,1,2,2-Tetrachloroethane	EPA 8260	0.0775	BCL	µg/l	<1.0	<1.0	<1.0	0.50 UJ	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	0.63 UJ	0.25 UJ	<0.25	
	Tetrachloroethene	EPA 8260	5	BCL	µg/l	<1.0	<b>1.0 J</b>	1.0 UJ	<0.50	<b>0.66</b>	<b>0.32 J</b>	<0.25	<b>0.29 J</b>	<b>0.44 J</b>	<b>1.9</b>	<0.63	<b>0.69</b>	<0.25	
	Toluene	EPA 8260	1,000	MCL	µg/l	<1.0	<1.0	<1.0	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.63	<0.25	<0.25	
	1,2,3-Trichlorobenzene	EPA 8260	7	RSL	µg/l	<1.6	<1.6	<1.6	0.80 UJ	<0.40	<0.40	<0.40	<0.40	<0.40	<b>0.82 J</b>	1.0 UJ	0.40 UJ	<0.40	
	1,2,4-Trichlorobenzene	EPA 8260	70	MCL	µg/l	<1.6	<1.6	<1.6	<0.80	<b>0.41 J</b>	<0.40	<0.40	<0.40	<0.40	<0.80	<1.0	<0.40	<0.40	
	1,1,1-Trichloroethane	EPA 8260	200	MCL	µg/l	<1.0	<1.0	<1.0	<0.50	<0.25	0.25 UJ	<0.25	<0.25	<0.25	<0.50	<0.63	<0.25	<0.25	
	1,1,2-Trichloroethane	EPA 8260	5	BCL	µg/l	<1.0	<1.0	<1.0	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.63	<0.25	<0.25	
	Trichloroethene	EPA 8260	5	BCL	µg/l	<b>6.1</b>	<b>1.5 J</b>	<b>1.3 J</b>	<0.50	<0.25	<0.25	<0.25	<b>0.68</b>	<b>2.1</b>	<b>0.56 J</b>	<0.63	<0.25	<b>0.30 J</b>	
	Trichlorofluoromethane	EPA 8260	1,270	BCL	µg/l	<1.0	<1.0	<1.0	<0.50	<0.25	0.25 UJ	<0.25	<0.25	<0.25	<0.50	<0.63	<0.25	<0.25	
	1,2,3-Trichloropropane	EPA 8260	0.0026	BCL	µg/l	<1.0	<1.0	<1.0	0.50 UJ	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	0.63 UJ	0.25 UJ	<0.25	
1,2,3-Trichloropropane	EPA 8260BSIM	0.0026	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--		
1,2,3-Trichloropropane	EPA 8260SIM	0.0026	BCL	µg/l	<b>0.15</b>	<b>0.16</b>	<b>0.16</b>	<0.0025	<b>0.065</b>	<b>0.45</b>	<b>0.010</b>	<b>0.11</b>	<b>0.13</b>	<b>0.19</b>	<b>0.057</b>	<b>0.039</b>	<b>0.14</b>		
1,2,4-Trimethylbenzene	EPA 8260	14.6	BCL	µg/l	<1.0	<1.0	<1.0	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.63	<0.25	<0.25		
1,3,5-Trimethylbenzene	EPA 8260	14.5	BCL	µg/l	<1.0	<1.0	<1.0	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.63	<0.25	<0.25		
Vinyl chloride	EPA 8260	2	BCL	µg/l	<1.0	<1.0	<1.0	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.63	<0.25	<0.25		
m,p-Xylene	EPA 8260			µg/l	<2.0	<2.0	<2.0	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<1.3	<0.50	<0.50		
o-Xylene	EPA 8260	1,200	BCL	µg/l	<1.0	<1.0	<1.0	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.63	<0.25	<0.25		
1,2-Dibromo-3-chloropropane	EPA 8260	0.2	MCL	µg/l	<2.0	<2.0	<2.0	1.0 UJ	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	1.3 UJ	0.50 UJ	<0.50		
tert-Butylbenzene	EPA 8260	238	BCL	µg/l	<1.0	<1.0	<1.0	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.63	<0.25	<0.25		
SVOCs	Acenaphthene	EPA 8270	6.24	BCL	µg/l	<0.20	0.22 UJ	<0.20	--	--	--	--	--	--	--	--	--	--	
	Aniline	EPA 8270	13.7	BCL	µg/l	<2.0	2.2 UJ	<2.0	--	--	--	--	--	--	--	--	--	--	
	Anthracene	EPA 8270	6.25	BCL	µg/l	<0.20	0.22 UJ	<0.20	--	--	--	--	--	--	--	--	--	--	
	Benzidine	EPA 8270	0.000339	BCL	µg/l	5.1 UJ	5.5 UJ	5.1 UJ	--	--	--	--	--	--	--	--	--	--	
	Benzo(k)fluoranthene	EPA 8270	1.07	BCL	µg/l	<0.25	0.27 UJ	<0.25	--	--	--	--	--	--	--	--	--	--	
	Benzoic acid	EPA 8270	133,000	BCL	µg/l	<2.0 R	<2.2 R	<2.0 R	--	--	--	--	--	--	--	--	--	--	
	Benzyl alcohol	EPA 8270	16,700	BCL	µg/l	2.0 UJ	2.2 UJ	2.0 UJ	--	--	--	--	--	--	--	--	--	--	

**TABLE B-1. GROUNDWATER ANALYICAL RESULTS IN ON-SITE WELLS**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Residential Screening Levels		Unit	M-65	M-66		M-67	M-68	M-69	M-6A	M-70	M-71	M-72	M-73	M-74	M-75
			Level	Source		02-03-2015	02-03-2015	02-03-2015	01-29-2015	02-04-2015	02-04-2015	01-22-2015	02-04-2015	02-04-2015	02-04-2015	01-29-2015	01-29-2015	02-03-2015
						M-65-20150203	M-66-20150203	M-66-20150203-FD	M-67-20150129	M-68-20150204	M-69-20150204	M-6A-20150122	M-70-20150204	M-71-20150204	M-72-20150204	M-73-20150129	M-74-20150129	M-75-20150203
SVOCs	4-Bromophenyl-phenyl ether	EPA 8270			µg/l	<0.51	0.55 UJ	<0.51	--	--	--	--	--	--	--	--	--	--
	Butylbenzylphthalate	EPA 8270	41	BCL	µg/l	<2.0	2.2 UJ	<2.0	--	--	--	--	--	--	--	--	--	--
	4-Chloroaniline	EPA 8270	0.39	BCL	µg/l	<1.0	1.1 UJ	<1.0	--	--	--	--	--	--	--	--	--	--
	2-Chloronaphthalene	EPA 8270	2.08	BCL	µg/l	<0.20	0.22 UJ	<0.20	--	--	--	--	--	--	--	--	--	--
	2-Chlorophenol	EPA 8270	64.2	BCL	µg/l	<0.51 R	<0.55 R	<0.51 R	--	--	--	--	--	--	--	--	--	--
	4-Chlorophenyl-phenyl ether	EPA 8270			µg/l	<0.20	0.22 UJ	<0.20	--	--	--	--	--	--	--	--	--	--
	Chrysene	EPA 8270	10.7	BCL	µg/l	<0.20	0.22 UJ	<0.20	--	--	--	--	--	--	--	--	--	--
	Di-n-butylphthalate	EPA 8270	3,340	BCL	µg/l	<1.0	1.1 UJ	<1.0	--	--	--	--	--	--	--	--	--	--
	Di-n-octylphthalate	EPA 8270	400	BCL	µg/l	<2.0	2.2 UJ	<2.0	--	--	--	--	--	--	--	--	--	--
	Dibenz(a,h)anthracene	EPA 8270	0.0107	BCL	µg/l	0.25 UJ	0.27 UJ	0.25 UJ	--	--	--	--	--	--	--	--	--	--
	Dibenzofuran	EPA 8270	66.7	BCL	µg/l	<0.20	0.22 UJ	<0.20	--	--	--	--	--	--	--	--	--	--
	1,3-Dichlorobenzene	EPA 8270	80.7	BCL	µg/l	<b>0.25 J</b>	<b>0.24 J</b>	<b>0.65 J</b>	--	--	--	--	--	--	--	--	--	--
	3,3'-Dichlorobenzidine	EPA 8270	0.173	BCL	µg/l	2.0 UJ	2.2 UJ	2.0 UJ	--	--	--	--	--	--	--	--	--	--
	2,4-Dichlorophenol	EPA 8270	100	BCL	µg/l	<1.0 R	<1.1 R	<1.0 R	--	--	--	--	--	--	--	--	--	--
	Diethylphthalate	EPA 8270	26,700	BCL	µg/l	<0.51	0.55 UJ	<0.51	--	--	--	--	--	--	--	--	--	--
	2,4-Dimethylphenol	EPA 8270	667	BCL	µg/l	<1.0 R	<1.1 R	<1.0 R	--	--	--	--	--	--	--	--	--	--
	Dimethylphthalate	EPA 8270	334,000	BCL	µg/l	<0.25	0.27 UJ	<0.25	--	--	--	--	--	--	--	--	--	--
	2,4-Dinitrophenol	EPA 8270	66.7	BCL	µg/l	<2.0 R	<2.2 R	<2.0 R	--	--	--	--	--	--	--	--	--	--
	2,4-Dinitrotoluene	EPA 8270	0.251	BCL	µg/l	<2.0	2.2 UJ	<2.0	--	--	--	--	--	--	--	--	--	--
	2,6-Dinitrotoluene	EPA 8270	33.4	BCL	µg/l	<2.0	2.2 UJ	<2.0	--	--	--	--	--	--	--	--	--	--
	1,2-Diphenylhydrazine	EPA 8270	0.0974	BCL	µg/l	<0.51	0.55 UJ	<0.51	--	--	--	--	--	--	--	--	--	--
	Fluoranthene	EPA 8270	1,330	BCL	µg/l	<0.20	0.22 UJ	<0.20	--	--	--	--	--	--	--	--	--	--
	Fluorene	EPA 8270	6.23	BCL	µg/l	<0.20	0.22 UJ	<0.20	--	--	--	--	--	--	--	--	--	--
	Hexachlorobenzene	EPA 8270	1	MCL	µg/l	<0.51	0.55 UJ	<0.51	--	--	--	--	--	--	--	--	--	--
	Hexachlorobutadiene	EPA 8270	0.999	BCL	µg/l	<0.51	0.55 UJ	<b>0.81 J</b>	--	--	--	--	--	--	--	--	--	--
	Hexachlorocyclopentadiene	EPA 8270	50	BCL	µg/l	<2.0	2.2 UJ	<2.0	--	--	--	--	--	--	--	--	--	--
	Hexachloroethane	EPA 8270	5.56	BCL	µg/l	<0.51	0.55 UJ	<0.51	--	--	--	--	--	--	--	--	--	--
	Isophorone	EPA 8270	82	BCL	µg/l	<0.51	0.55 UJ	<0.51	--	--	--	--	--	--	--	--	--	--
	1-Methylnaphthalene	EPA 8270	1.1	RSL	µg/l	<3.5	<3.8	<3.5	--	--	--	--	--	--	--	--	--	--
	2-Methylnaphthalene	EPA 8270	36	RSL	µg/l	<0.51	0.55 UJ	<0.51	--	--	--	--	--	--	--	--	--	--
	2-Methylphenol	EPA 8270	1,670	BCL	µg/l	<1.0 R	<1.1 R	<1.0 R	--	--	--	--	--	--	--	--	--	--
	3&4-Methylphenol	EPA 8270			µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	4-Methylphenol	EPA 8270	167	BCL	µg/l	<2.0 R	<2.2 R	<2.0 R	--	--	--	--	--	--	--	--	--	--
	Naphthalene	EPA 8270	0.165	BCL	µg/l	<0.51	0.55 UJ	<0.51	--	--	--	--	--	--	--	--	--	--
	2-Nitroaniline	EPA 8270	100	BCL	µg/l	<2.0	2.2 UJ	<2.0	--	--	--	--	--	--	--	--	--	--
	3-Nitroaniline	EPA 8270			µg/l	<2.0	2.2 UJ	<2.0	--	--	--	--	--	--	--	--	--	--
	4-Nitroaniline	EPA 8270	3.8	RSL	µg/l	<2.0	2.2 UJ	<2.0	--	--	--	--	--	--	--	--	--	--
	Nitrobenzene	EPA 8270	0.14	BCL	µg/l	<0.51	0.55 UJ	<0.51	--	--	--	--	--	--	--	--	--	--
	2-Nitrophenol	EPA 8270			µg/l	<1.0 R	<1.1 R	<1.0 R	--	--	--	--	--	--	--	--	--	--
	4-Nitrophenol	EPA 8270	267	BCL	µg/l	<2.0 R	<2.2 R	<2.0 R	--	--	--	--	--	--	--	--	--	--
	n-Nitrosodiphenylamine	EPA 8270	15.9	BCL	µg/l	<0.51	0.55 UJ	<0.51	--	--	--	--	--	--	--	--	--	--
	Octachlorostyrene	EPA 8270			µg/l	<6.6	<7.1	<6.6	--	--	--	--	--	--	--	--	--	--
	Pentachlorophenol	EPA 8270	1	BCL	µg/l	<1.0 R	<1.1 R	<1.0 R	--	--	--	--	--	--	--	--	--	--
	Phenol	EPA 8270	10,000	BCL	µg/l	<0.51 R	<0.55 R	<0.51 R	--	--	--	--	--	--	--	--	--	--
	Pyrene	EPA 8270	6.22	BCL	µg/l	<0.20	0.22 UJ	<0.20	--	--	--	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	EPA 8270	70	MCL	µg/l	<0.51	0.55 UJ	<0.51	--	--	--	--	--	--	--	--	--	--	
2,4,5-Trichlorophenol	EPA 8270	3,340	BCL	µg/l	<1.0 R	<1.1 R	<1.0 R	--	--	--	--	--	--	--	--	--	--	
2,4,6-Trichlorophenol	EPA 8270	7.08	BCL	µg/l	<0.51 R	<0.55 R	<0.51 R	--	--	--	--	--	--	--	--	--	--	

**TABLE B-1. GROUNDWATER ANALYICAL RESULTS IN ON-SITE WELLS**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Residential Screening Levels		Unit	M-65	M-66		M-67	M-68	M-69	M-6A	M-70	M-71	M-72	M-73	M-74	M-75	
			Level	Source		02-03-2015	02-03-2015	02-03-2015	01-29-2015	02-04-2015	02-04-2015	01-22-2015	02-04-2015	02-04-2015	02-04-2015	01-29-2015	01-29-2015	01-29-2015	02-03-2015
						M-65-20150203	M-66-20150203	M-66-20150203-FD	M-67-20150129	M-68-20150204	M-69-20150204	M-6A-20150122	M-70-20150204	M-71-20150204	M-72-20150204	M-73-20150129	M-74-20150129	M-75-20150203	
SVOCs	bis(2-Chloro-1-methylethyl) ether	EPA 8270	0.373	BCL	µg/l	<0.20	0.22 UJ	<0.20	--	--	--	--	--	--	--	--	--	--	
	bis(2-Chloroethoxy)methane	EPA 8270	59	RSL	µg/l	<0.20	0.22 UJ	<0.20	--	--	--	--	--	--	--	--	--	--	
	bis(2-Chloroethyl) ether	EPA 8270	0.0137	BCL	µg/l	<0.20	0.22 UJ	<0.20	--	--	--	--	--	--	--	--	--	--	
	bis(2-Ethylhexyl)phthalate	EPA 8270	6	BCL	µg/l	2.0 UJ	2.2 UJ	2.0 UJ	--	--	--	--	--	--	--	--	--	--	
	4,6-Dinitro-2-methylphenol	EPA 8270			µg/l	<2.0 R	<2.2 R	<2.0 R	--	--	--	--	--	--	--	--	--	--	
	4-Chloro-3-methylphenol	EPA 8270	1,400	RSL	µg/l	<0.20 R	<0.22 R	<0.20 R	--	--	--	--	--	--	--	--	--	--	
n-Nitroso-di-n-propylamine	EPA 8270	0.0111	BCL	µg/l	<1.0	1.1 UJ	<1.0	--	--	--	--	--	--	--	--	--	--		
Organo-chlorine Pesticides	Aldrin	EPA 8081	0.00458	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	
	alpha-BHC	EPA 8081	10	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	
	beta-BHC	EPA 8081	2	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	
	delta-BHC	EPA 8081	10	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	
	gamma-BHC	EPA 8081	0.2	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	
	gamma-Chlordane	EPA 8081			µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	
	4,4'-DDD	EPA 8081	0.325	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	
	2,4'-DDE	EPA 8081			µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	
	4,4'-DDE	EPA 8081	0.229	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	
	4,4'-DDT	EPA 8081	0.229	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	
	Dieldrin	EPA 8081	0.00487	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	
	Endosulfan I	EPA 8081			µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	
	Endosulfan II	EPA 8081			µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	
	Endosulfan sulfate	EPA 8081			µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	
	Endrin	EPA 8081	2	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	
	Endrin aldehyde	EPA 8081			µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	
	Endrin ketone	EPA 8081			µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	
Heptachlor	EPA 8081	0.4	MCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--		
Heptachlor epoxide	EPA 8081	0.2	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--		
Methoxychlor	EPA 8081	40	MCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--		
Toxaphene	EPA 8081	3	MCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--		
PAHs	Acenaphthylene	EPA 8270	6.22	BCL	µg/l	<0.20	0.22 UJ	<0.20	--	--	--	--	--	--	--	--	--	--	
	Benzo(a)anthracene	EPA 8270	0.107	BCL	µg/l	<2.0	2.2 UJ	<2.0	--	--	--	--	--	--	--	--	--	--	
	Benzo(a)pyrene	EPA 8270	0.2	BCL	µg/l	<0.51	0.55 UJ	<0.51	--	--	--	--	--	--	--	--	--	--	
	Benzo(b)fluoranthene	EPA 8270	0.107	BCL	µg/l	<1.0	1.1 UJ	<1.0	--	--	--	--	--	--	--	--	--	--	
	Benzo(g,h,i)perylene	EPA 8270	1,000	BCL	µg/l	2.0 UJ	2.2 UJ	2.0 UJ	--	--	--	--	--	--	--	--	--	--	
	Indeno(1,2,3-cd)pyrene	EPA 8270	0.107	BCL	µg/l	1.0 UJ	1.1 UJ	1.0 UJ	--	--	--	--	--	--	--	--	--	--	
	Phenanthrene	EPA 8270	6.22	BCL	µg/l	<0.20	0.22 UJ	<0.20	--	--	--	--	--	--	--	--	--	--	
Radionuclides	Radium-226	EPA 903.0	5	BCL	pCi/l	<b>0.764 J</b>	<b>0.613 J</b>	<b>0.544</b>	<b>0.395</b>	<b>0.451</b>	<b>0.334</b>	<b>0.493</b>	<b>0.585</b>	<b>0.428</b>	<b>0.602</b>	<b>1.42</b>	<b>0.698</b>	<b>0.165</b>	
	Radium-228	EPA 904.0	5	BCL	pCi/l	0.640 UJ	0.687 UJ	<b>0.863 J</b>	<b>0.352</b>	<0.326	<b>0.344</b>	<b>0.674</b>	<b>0.473</b>	<0.717	<0.682	<0.656	<b>0.678</b>	<0.360	
	Thorium-228	DOE A-01-R	0.14	BCL	pCi/l	<b>0.737</b>	0.792 UJ	<b>0.758 J</b>	<0.662	<0.653	<b>1.12</b>	<0.638	<b>0.635 J</b>	<b>0.747 J</b>	<b>0.844 J</b>	<0.572	<0.607	<b>1.17</b>	
	Thorium-230	DOE A-01-R	0.05	BCL	pCi/l	<b>0.554 J</b>	0.924 UJ	<b>0.821 J</b>	<b>0.471 J</b>	<b>0.449 J</b>	<0.433	<b>0.632 J</b>	<b>0.826 J</b>	<b>0.705 J</b>	<b>0.698 J</b>	<b>1.20</b>	<b>0.792 J</b>	<b>0.691 J</b>	
	Thorium-232	DOE A-01-R	0.17	BCL	pCi/l	<0.349	<0.605	<0.163	<0.316	<0.274	<0.161	<0.297	<0.337	<0.150	<0.339	<0.150	<0.341	<0.155	
	Uranium-233/234	DOE A-01-R			pCi/l	<b>21.0</b>	<b>19.1</b>	<b>21.1</b>	<b>31.3</b>	<b>12.0</b>	<b>13.7 J</b>	<b>26.3</b>	<b>9.40</b>	<b>10.1</b>	<b>14.5</b>	<b>12.5</b>	<b>11.6</b>	<b>5.09</b>	
	Uranium-235/236	DOE A-01-R			pCi/l	<b>0.996</b>	<b>0.813 J</b>	0.637 UJ	<b>1.57</b>	<b>0.355</b>	<b>3.88</b>	<b>0.968</b>	<b>0.424</b>	<b>0.529</b>	<0.395	<b>1.04</b>	<0.645	<0.430	
	Uranium-238	DOE A-01-R			pCi/l	<b>13.1</b>	<b>12.0</b>	<b>12.7</b>	<b>21.4</b>	<b>7.49</b>	<b>6.93</b>	<b>19.7</b>	<b>7.00</b>	<b>6.91</b>	<b>9.26</b>	<b>7.92</b>	<b>7.82</b>	<b>2.73</b>	
Uranium-238	EPA 6020	30	BCL	µg/l	<b>52 J</b>	<b>48 J</b>	<b>47 J</b>	<b>79</b>	<b>31</b>	<b>34</b>	<b>77</b>	<b>24</b>	<b>26</b>	<b>31</b>	<b>33</b>	<b>27</b>	<b>11</b>		
General Chemistry	Alkalinity (as CaCO3)	SM 2320			µg/l	--	--	--	--	--	<b>110,000</b>	--	--	--	--	--	--		
	Ammonia (as N)	SM 4500-NH3			µg/l	--	--	--	--	--	--	--	--	--	--	--	--		
	Ammonia (as N)	SM 4500			µg/l	<b>7,500</b>	<b>14,000</b>	<b>14,000</b>	<100	<b>1,200</b>	<b>17,000</b>	<100	<b>11,000</b>	<b>5,600</b>	<b>21,000</b>	<100	<b>120 J</b>	<100	
	Bicarbonate as HCO3	SM 2320			mg/l	--	--	--	--	--	--	<b>130</b>	--	--	--	--	--		

**TABLE B-1. GROUNDWATER ANALYICAL RESULTS IN ON-SITE WELLS**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Residential Screening Levels		Unit	M-65	M-66		M-67	M-68	M-69	M-6A	M-70	M-71	M-72	M-73	M-74	M-75	
			02-03-2015	02-03-2015		02-03-2015	01-29-2015	02-04-2015	02-04-2015	01-22-2015	02-04-2015	02-04-2015	02-04-2015	01-29-2015	01-29-2015	02-03-2015			
			M-65-20150203	M-66-20150203		M-66-20150203-FD	M-67-20150129	M-68-20150204	M-69-20150204	M-6A-20150122	M-70-20150204	M-71-20150204	M-72-20150204	M-73-20150129	M-74-20150129	M-75-20150203			
General Chemistry	Bromide	EPA 300			mg/l	6.9 J	<5	<5	<2.5	4.8 J	2.2 J	<5	7.9	6.3	5.2	4.1 J	4.7 J	5.5	
	Calcium	EPA 200.7			mg/l	--	--	--	--	--	--	520	--	--	--	--	--	--	
	Carbon	EPA 5310			µg/l	--	--	--	--	--	--	1,300	--	--	--	--	--	--	
	Carbonate (CO3)	SM 2320			mg/l	--	--	--	--	--	--	<2.4	--	--	--	--	--	--	
	Chloride	EPA 300	250	2 <sup>nd</sup> MCL	mg/l	1,400 J	1,600 J	1,800 J	780	840	860	2,600	1,200	1,000	1,300	1,000	900	620	
	Cyanide (total)	SM 4500-CN-E	0.2	BCL	mg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Dissolved Solids (total)	SM 2540C	500	2 <sup>nd</sup> MCL	mg/l	14,000	15,000	16,000	6,300	6,400	3,900 J	7,100	7,000	7,800	12,000	9,900	6,400	4,000	
	Hydroxide	SM 2320			mg/l	--	--	--	--	--	--	<1.4	--	--	--	--	--	--	
	Nitrate (as NO3)	EPA 300			mg/l	220	280	280	34 J	51	230 J	<5.0	210	260	310	67 J	57 J	32	
	Nitrate/Nitrite	EPA 300			µg/l	51,000	70,000	72,000	7,700 J	12,000	52,000 J	<1,400	--	59,000	71,000	15,000 J	13,000 J	7,300	
	Nitrite	EPA 300	1	BCL	mg/l	<1.4	7	7.8	<0.7	<0.7	<0.35	<1.4	<0.7	<0.7	<0.7	<0.7	<0.7	<0.35	
	ortho-Phosphate (total) (as P)	EPA 300			mg/l	--	--	--	--	--	--	1.6 UJ	--	--	--	--	--	--	
	Phosphorus (total)	EPA 365.3	0.667	BCL	µg/l	<25	<25	<25	<25	28 J	25 J	140 J	<25	<25	<25	<25	<25	<25	
	Potassium	EPA 200.7			mg/l	--	--	--	--	--	--	22	--	--	--	--	--	--	
	Sodium	EPA 200.7			mg/l	--	--	--	--	--	--	1,400	--	--	--	--	--	--	
Sulfate	EPA 300			mg/l	1,200	1,400	1,500	1,600	2,400	1,300	1,100	1,100	940	1,500	1,700	2,400	970		
Sulfide (total)	EPA 9034			mg/l	--	--	--	--	--	--	<1.0	--	--	--	--	--	--		
OTHER	4-Chlorobenzenesulfonic acid	SW8321A	33,400	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--		

**Notes:**

ft bgs: feet below ground surface  
 FD: Field Duplicate  
 GW: Groundwater  
 Above Screening Level  
**bold value:** detection  
 Groundwater screening levels were selected according to the following hierarchy of criteria:  
 1. Maximum Contaminant Level (MCL): Primary United States Environmental Protections Agency (USEPA) maximum contaminant level (40 CFR Part 141).  
 2. Basic Contaminant Level (BCL): Residential water basic comparison levels in NDEP February 2015 BCL Spreadsheet or Target Water Activities for radionuclides (NDEP 2015).  
 3. Regional Screening Level (RSL): Tap water regional screening levels in USEPA Pacific Southwest, Region 9, Regional Screening Levels Chemical Specific Parameters table, June 2015. The screening levels were selected as the minimal values of carcinogenic screening level and noncarcinogenic screening level (USEPA 2015).  
 4. 2<sup>nd</sup> Maximum Contaminant Level (2<sup>nd</sup> MCL): National Secondary Drinking Water Regulations (40 CFR Part 143).

**Sources:**

NDEP, 2015. User's Guide and Background Technical Document for NDEP Basic Comparison Levels (BCLs) for Human Health for the BMI Complex and Common Areas. Revision 13, February.  
 USEPA, 2015. Regional Screening Levels (RSL) for Chemical Contaminants at Superfund Sites. June.  
 USEPA. National Primary Drinking Water Regulations. Code of Federal Regulations, 40 CFR Part 141.  
 USEPA. National Secondary Drinking Water Regulations. Code of Federal Regulations, 40 CFR Part 143.

**TABLE B-1. GROUNDWATER ANALYICAL RESULTS IN ON-SITE WELLS**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Residential Screening Levels		Unit	M-76	M-77	M-79	M-7B	M-80	M-81A	M-83		M-92	M-97		MC-29	MC-3		
			Level	Source		02-03-2015	01-28-2015	02-05-2015	02-05-2015	02-06-2015	02-06-2015	02-06-2015	02-06-2015	02-06-2015	02-06-2015	01-29-2015	01-29-2015	01-29-2015	02-05-2015	02-02-2015
						M-76-20150203	M-77-20150128	M-79-20150205	M-7B-20150205	M-80-20150206	M-81A-20150206	M-83-20150206	M-83-20150206-FD	M-92-20150129	M-97-20150129	M-97-20150129-FD	MC-29-20150205	MC-3-20150202		
Chlorates	Chlorate	EPA 300.1	1,000	BCL	µg/l	530,000 J	150,000	24,000	8,800	600,000	780,000	310,000	320,000	8,400	180,000	180,000	330	--		
	Perchlorate	EPA 314.0	18	BCL	µg/l	130,000	180,000	690,000	29,000	350,000	630,000	510,000	510,000	2,500	130,000	130,000	6.4 J	--		
Common Metals	Aluminum	EPA 200.7	0.05	BCL	mg/l	0.025 J	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025		
	Antimony	EPA 200.8	0.006	MCL	mg/l	--	--	--	--	--	--	--	--	--	--	--	--	--		
	Arsenic	EPA 200.8	0.01	MCL	mg/l	0.099	0.11	0.14	0.08	0.032	0.1	0.043	0.042	0.088	0.19	0.2	0.083	--		
	Barium	EPA 200.7	2	MCL	mg/l	--	--	--	--	--	--	--	--	--	--	--	--	--		
	Boron	EPA 200.7	6.67	BCL	mg/l	4.0	3.4	3.6	4.3	2.9	3.9	3.3	3.3	1.5 J	5.6 J	5.9 J	1.8	--		
	Cadmium	EPA 200.7	0.005	MCL	mg/l	--	--	--	--	--	--	--	--	--	--	--	--	--		
	Chromium (total)	EPA 200.7	0.1	MCL	mg/l	2.2	0.44	0.17	<0.0025	1.5	2.3	1.1	1.1	0.019	0.074	0.077	0.0072	--		
	Cobalt	EPA 200.7	0.01	BCL	mg/l	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025		
	Copper	EPA 200.7	1.3	MCL	mg/l	--	--	--	--	--	--	--	--	--	--	--	--	--		
	Iron	EPA 200.7	0.3	BCL	mg/l	0.011 J	<0.010	0.035 J	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	0.047		
	Lead	EPA 200.7	0.015	MCL	mg/l	0.0025 UJ	<0.0025	0.0025 UJ	0.0025 UJ	0.0069	0.0077	0.0057 J	0.0078 J	<0.0025	0.0044 J	0.0037 J	0.0025 UJ	--		
	Magnesium	EPA 200.7	189	BCL	mg/l	110	150	130	460	150	160	140	140	77	210	210	630	--		
	Manganese	EPA 200.7	0.02	BCL	mg/l	<0.010	1.3 J	<0.010	<0.010	0.031	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	0.72		
	Mercury	EPA 7470	0.002	BCL	mg/l	--	--	--	--	--	--	--	--	--	--	--	--	--		
Nickel	EPA 200.7	0.667	BCL	mg/l	--	--	--	--	--	--	--	--	--	--	--	--	--			
Zinc	EPA 200.7	10	BCL	mg/l	--	--	--	--	--	--	--	--	--	--	--	--	--			
Hexavalent Chromium	Chromium VI	EPA 218.6	100	BCL	µg/l	2,300	440	170 J	<0.25	1,400 J	2,400 J	1,100 J	1,100 J	19	71	72	0.25 UJ			
Rare Metals	Strontium	EPA 200.7	20	BCL	mg/l	4.9	5.4	7.8	21	8.5	9.6	11	11	3.6	10	10	19			
	Tungsten	EPA 200.7	0.25	BCL	mg/l	<0.50 R	<0.50	<0.50 R	<0.50	<0.50 R	<0.50 R	<0.50 R	<0.50 R	<0.50 R	<0.50 R	<0.50 R	<0.50			
	Vanadium	EPA 200.7	0.167	BCL	mg/l	--	--	--	--	--	--	--	--	--	--	--	--			
VOCs	Benzene	EPA 8260	5	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	58,000			
	Bromobenzene	EPA 8260	85.2	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<50			
	Bromochloromethane	EPA 8260	83	RSL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<50			
	Bromodichloromethane	EPA 8260	80	MCL	µg/l	<0.25	<0.25	0.25 UJ	0.25 UJ	0.41 J	0.72	0.46 J	0.48 J	<0.25	0.28 J	0.32 J	<50			
	Bromoform	EPA 8260	80	MCL	µg/l	<0.40	<0.40	0.40 UJ	0.40 UJ	1.3	0.91 J	1.4	1.3	0.40 UJ	0.40 UJ	0.40 UJ	<80			
	Bromomethane	EPA 8260	8.53	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<50			
	2-Butanone	EPA 8260	6,860	BCL	µg/l	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5 UJ	2.5 UJ	2.5 UJ	<500			
	n-Butylbenzene	EPA 8260	238	BCL	µg/l	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<80			
	sec-Butylbenzene	EPA 8260	238	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<50			
	Carbon tetrachloride	EPA 8260	5	BCL	µg/l	0.50	<0.25	0.25 UJ	0.25 UJ	1.9	4.1	3.6	3.5	0.57	0.29 J	0.32 J	50 UJ			
	Chlorobenzene	EPA 8260	100	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	50,000			
	Chloroethane	EPA 8260	26.9	BCL	µg/l	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<80			
	Chloroform	EPA 8260	80	MCL	µg/l	80	21	61	1.9	120	360 J	120	120	33	7.2	7.2	710			
	Chloromethane	EPA 8260	3.12	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	0.25 UJ	0.25 UJ	0.25 UJ	0.25 UJ	<0.25	<0.25	<0.25	<50			
	2-Chlorotoluene	EPA 8260	90.2	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<50			
	4-Chlorotoluene	EPA 8260	250	RSL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<50			
	Cumene	EPA 8260	667	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<50			
	p-Cymene	EPA 8260	834	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<50			
	Dibromochloromethane	EPA 8260	80	MCL	µg/l	<0.25	<0.25	0.25 UJ	0.25 UJ	<0.25	0.30 J	<0.25	<0.25	<0.25	<0.25	<0.25	<50			
	1,2-Dibromoethane	EPA 8260	0.05	MCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<50			
	Dibromomethane	EPA 8260	8.14	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<50			
	1,2-Dichlorobenzene	EPA 8260	600	MCL	µg/l	<0.25	<0.25	2.4	<0.25	0.31 J	1.3	0.70	0.67	<0.25	<0.25	<0.25	1,000			
	1,2-Dichlorobenzene	EPA 8270	600	MCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--			
1,3-Dichlorobenzene	EPA 8260	80.7	BCL	µg/l	<0.25	<0.25	0.25 J	<0.25	<0.25	2.2	0.43 J	0.43 J	<0.25	<0.25	<0.25	54 J				
1,4-Dichlorobenzene	EPA 8260	75	MCL	µg/l	<0.25	<0.25	0.85	<0.25	<0.25	0.89	0.25 UJ	0.46 J	<0.25	<0.25	<0.25	1,800				
1,4-Dichlorobenzene	EPA 8270	75	MCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--				



**TABLE B-1. GROUNDWATER ANALYICAL RESULTS IN ON-SITE WELLS**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Residential Screening Levels		Unit	M-76	M-77	M-79	M-7B	M-80	M-81A	M-83		M-92	M-97		MC-29	MC-3	
			Level	Source		02-03-2015	01-28-2015	02-05-2015	02-05-2015	02-06-2015	02-06-2015	02-06-2015	02-06-2015	02-06-2015	01-29-2015	01-29-2015	01-29-2015	02-05-2015	02-02-2015
						M-76-20150203	M-77-20150128	M-79-20150205	M-7B-20150205	M-80-20150206	M-81A-20150206	M-83-20150206	M-83-20150206-FD	M-92-20150129	M-97-20150129	M-97-20150129-FD	MC-29-20150205	MC-3-20150202	
VOCs	Dichlorodifluoromethane	EPA 8260	393	BCL	µg/l	<0.25	0.25 UJ	0.25 UJ	0.25 UJ	0.25 UJ	0.25 UJ	0.25 UJ	0.25 UJ	0.25 UJ	0.25 UJ	0.25 UJ	50 UJ	--	
	1,1-Dichloroethane	EPA 8260	2.79	BCL	µg/l	<0.25	<0.25	<0.25	2.1	<0.25	<0.25	<0.25	<0.25	0.30 J	0.30 J	0.28 J	<50	--	
	1,2-Dichloroethane	EPA 8260	5	BCL	µg/l	<0.25	<0.25	<0.25	1.7 J	<0.25	<0.25	<0.25	<0.25	<0.25	0.27 J	0.29 J	<50	--	
	1,1-Dichloroethene	EPA 8260	7	MCL	µg/l	3.8	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	8.7	120	130	<50	--	
	cis-1,2-Dichloroethene	EPA 8260	70	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<50	--
	trans-1,2-Dichloroethene	EPA 8260	100	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<50	--
	1,2-Dichloropropane	EPA 8260	5	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<50	--
	1,3-Dichloropropane	EPA 8260	8.24	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<50	--
	2,2-Dichloropropane	EPA 8260			µg/l	<0.40	<0.40	0.40 UJ	0.40 UJ	<0.40	<0.40	<0.40	<0.40	0.40 UJ	0.40 UJ	0.40 UJ	80 UJ	--	
	1,1-Dichloropropene	EPA 8260			µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<50	--
	cis-1,3-Dichloropropene	EPA 8260			µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<50	--
	trans-1,3-Dichloropropene	EPA 8260			µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<50	--
	1,4-Dioxane	EPA 8260BSIM	0.779	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	1,4-Dioxane	EPA 8260SIM	0.779	BCL	µg/l	0.53 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	3.1	4.9	4.3	<2.5	--	
	Ethyl benzene	EPA 8260	700	MCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<50	--
	Ethyl tert-butyl ether	EPA 8260			µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<50	--
	Hexachlorobutadiene	EPA 8260	0.999	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	0.34 J	<0.25	<0.25	0.25 UJ	0.25 UJ	0.25 UJ	<50	--	
	Methylene chloride	EPA 8260	5	BCL	µg/l	<0.88	<0.88	<0.88	<0.88	<0.88	<0.88	<0.88	<0.88	<0.88	<0.88	<0.88	<180	--	
	Naphthalene	EPA 8260	0.165	BCL	µg/l	0.40 UJ	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	0.40 UJ	0.40 UJ	0.40 UJ	<80	--	
	n-Propylbenzene	EPA 8260	238	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<50	--
	Styrene	EPA 8260	100	BCL	µg/l	<0.25	<0.25	<0.25 R	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<50	--
	1,1,1,2-Tetrachloroethane	EPA 8260	0.605	BCL	µg/l	<0.25	<0.25	<0.25	0.25 UJ	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<50	--
	1,1,1,2,2-Tetrachloroethane	EPA 8260	0.0775	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	0.25 UJ	0.25 UJ	0.25 UJ	<50	--
	Tetrachloroethene	EPA 8260	5	BCL	µg/l	<0.25	<0.25	0.38 J	<0.25	<0.25	3.1	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	64 J	--
	Toluene	EPA 8260	1,000	MCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<50	--
	1,2,3-Trichlorobenzene	EPA 8260	7	RSL	µg/l	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	0.40 UJ	<0.40	0.40 UJ	<80	--	
	1,2,4-Trichlorobenzene	EPA 8260	70	MCL	µg/l	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	120 J	--	
	1,1,1-Trichloroethane	EPA 8260	200	MCL	µg/l	<0.25	<0.25	0.25 UJ	0.25 UJ	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	50 UJ	--
	1,1,2-Trichloroethane	EPA 8260	5	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<50	--
	Trichloroethene	EPA 8260	5	BCL	µg/l	0.51	<0.25	<0.25	<0.25	<0.25	0.52	<0.25	<0.25	4.5	14	14	<50	--	
	Trichlorofluoromethane	EPA 8260	1,270	BCL	µg/l	<0.25	0.25 UJ	<0.25	0.25 UJ	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<50	--
	1,2,3-Trichloropropane	EPA 8260	0.0026	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	0.25 UJ	0.25 UJ	0.25 UJ	<50	--	
1,2,3-Trichloropropane	EPA 8260BSIM	0.0026	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--		
1,2,3-Trichloropropane	EPA 8260SIM	0.0026	BCL	µg/l	0.22	0.013	0.21	0.015	0.046	0.19 J	0.085	0.083	0.27	0.21	0.21	<0.013	--		
1,2,4-Trimethylbenzene	EPA 8260	14.6	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<50	--	
1,3,5-Trimethylbenzene	EPA 8260	14.5	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<50	--	
Vinyl chloride	EPA 8260	2	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<50	--	
m,p-Xylene	EPA 8260			µg/l	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<100	--	
o-Xylene	EPA 8260	1,200	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<50	--	
1,2-Dibromo-3-chloropropane	EPA 8260	0.2	MCL	µg/l	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.50 UJ	0.50 UJ	0.50 UJ	<100	--		
tert-Butylbenzene	EPA 8260	238	BCL	µg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<50	--	
SVOCs	Acenaphthene	EPA 8270	6.24	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	
	Aniline	EPA 8270	13.7	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	
	Anthracene	EPA 8270	6.25	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	
	Benzidine	EPA 8270	0.000339	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	
	Benzo(k)fluoranthene	EPA 8270	1.07	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	
	Benzoic acid	EPA 8270	133,000	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	
	Benzyl alcohol	EPA 8270	16,700	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	

**TABLE B-1. GROUNDWATER ANALYICAL RESULTS IN ON-SITE WELLS**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Residential Screening Levels		Unit	M-76	M-77	M-79	M-7B	M-80	M-81A	M-83		M-92	M-97		MC-29	MC-3
			Level	Source		02-03-2015	01-28-2015	02-05-2015	02-05-2015	02-06-2015	02-06-2015	02-06-2015	02-06-2015	01-29-2015	01-29-2015	01-29-2015	02-05-2015	02-02-2015
						M-76-20150203	M-77-20150128	M-79-20150205	M-7B-20150205	M-80-20150206	M-81A-20150206	M-83-20150206	M-83-20150206-FD	M-92-20150129	M-97-20150129	M-97-20150129-FD	MC-29-20150205	MC-3-20150202
SVOCs	4-Bromophenyl-phenyl ether	EPA 8270			µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Butylbenzylphthalate	EPA 8270	41	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	4-Chloroaniline	EPA 8270	0.39	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	2-Chloronaphthalene	EPA 8270	2.08	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	2-Chlorophenol	EPA 8270	64.2	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	4-Chlorophenyl-phenyl ether	EPA 8270			µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Chrysene	EPA 8270	10.7	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Di-n-butylphthalate	EPA 8270	3,340	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Di-n-octylphthalate	EPA 8270	400	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Dibenz(a,h)anthracene	EPA 8270	0.0107	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Dibenzofuran	EPA 8270	66.7	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	1,3-Dichlorobenzene	EPA 8270	80.7	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	3,3'-Dichlorobenzidine	EPA 8270	0.173	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	2,4-Dichlorophenol	EPA 8270	100	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Diethylphthalate	EPA 8270	26,700	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	2,4-Dimethylphenol	EPA 8270	667	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Dimethylphthalate	EPA 8270	334,000	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	2,4-Dinitrophenol	EPA 8270	66.7	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	2,4-Dinitrotoluene	EPA 8270	0.251	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	2,6-Dinitrotoluene	EPA 8270	33.4	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	1,2-Diphenylhydrazine	EPA 8270	0.0974	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Fluoranthene	EPA 8270	1,330	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Fluorene	EPA 8270	6.23	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Hexachlorobenzene	EPA 8270	1	MCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Hexachlorobutadiene	EPA 8270	0.999	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Hexachlorocyclopentadiene	EPA 8270	50	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Hexachloroethane	EPA 8270	5.56	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Isophorone	EPA 8270	82	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	1-Methylnaphthalene	EPA 8270	1.1	RSL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	2-Methylnaphthalene	EPA 8270	36	RSL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	2-Methylphenol	EPA 8270	1,670	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	3&4-Methylphenol	EPA 8270			µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	4-Methylphenol	EPA 8270	167	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Naphthalene	EPA 8270	0.165	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	2-Nitroaniline	EPA 8270	100	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	3-Nitroaniline	EPA 8270			µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	4-Nitroaniline	EPA 8270	3.8	RSL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Nitrobenzene	EPA 8270	0.14	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	2-Nitrophenol	EPA 8270			µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	4-Nitrophenol	EPA 8270	267	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
n-Nitrosodiphenylamine	EPA 8270	15.9	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	
Octachlorostyrene	EPA 8270			µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	
Pentachlorophenol	EPA 8270	1	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	
Phenol	EPA 8270	10,000	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	
Pyrene	EPA 8270	6.22	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	
1,2,4-Trichlorobenzene	EPA 8270	70	MCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	
2,4,5-Trichlorophenol	EPA 8270	3,340	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	
2,4,6-Trichlorophenol	EPA 8270	7.08	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	



**TABLE B-1. GROUNDWATER ANALYICAL RESULTS IN ON-SITE WELLS**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Residential Screening Levels		Unit	M-76	M-77	M-79	M-7B	M-80	M-81A	M-83		M-92	M-97		MC-29	MC-3
			Level	Source		02-03-2015	01-28-2015	02-05-2015	02-05-2015	02-06-2015	02-06-2015	02-06-2015	02-06-2015	01-29-2015	01-29-2015	01-29-2015	02-05-2015	02-02-2015
						M-76-20150203	M-77-20150128	M-79-20150205	M-7B-20150205	M-80-20150206	M-81A-20150206	M-83-20150206	M-83-20150206-FD	M-92-20150129	M-97-20150129	M-97-20150129-FD	MC-29-20150205	MC-3-20150202
SVOCs	bis(2-Chloro-1-methylethyl) ether	EPA 8270	0.373	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	bis(2-Chloroethoxy)methane	EPA 8270	59	RSL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	bis(2-Chloroethyl) ether	EPA 8270	0.0137	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	bis(2-Ethylhexyl)phthalate	EPA 8270	6	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	4,6-Dinitro-2-methylphenol	EPA 8270			µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	4-Chloro-3-methylphenol	EPA 8270	1,400	RSL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	n-Nitroso-di-n-propylamine	EPA 8270	0.0111	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
Organo-chlorine Pesticides	Aldrin	EPA 8081	0.00458	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	<0.029
	alpha-BHC	EPA 8081	10	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	2.6
	beta-BHC	EPA 8081	2	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	18
	delta-BHC	EPA 8081	10	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	1.8 J
	gamma-BHC	EPA 8081	0.2	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	<0.058
	gamma-Chlordane	EPA 8081			µg/l	--	--	--	--	--	--	--	--	--	--	--	--	<0.58
	4,4'-DDD	EPA 8081	0.325	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	<0.078
	2,4'-DDE	EPA 8081			µg/l	--	--	--	--	--	--	--	--	--	--	--	--	<0.39
	4,4'-DDE	EPA 8081	0.229	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	<0.058
	4,4'-DDT	EPA 8081	0.229	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	<0.078
	Dieldrin	EPA 8081	0.00487	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	<0.039
	Endosulfan I	EPA 8081			µg/l	--	--	--	--	--	--	--	--	--	--	--	--	<0.058
	Endosulfan II	EPA 8081			µg/l	--	--	--	--	--	--	--	--	--	--	--	--	<0.039
	Endosulfan sulfate	EPA 8081			µg/l	--	--	--	--	--	--	--	--	--	--	--	--	<0.058
	Endrin	EPA 8081	2	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	<0.039
	Endrin aldehyde	EPA 8081			µg/l	--	--	--	--	--	--	--	--	--	--	--	--	<0.039
	Endrin ketone	EPA 8081			µg/l	--	--	--	--	--	--	--	--	--	--	--	--	<0.14
	Heptachlor	EPA 8081	0.4	MCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	<0.058
Heptachlor epoxide	EPA 8081	0.2	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	<0.049	
Methoxychlor	EPA 8081	40	MCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	<0.068	
Toxaphene	EPA 8081	3	MCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	<4.9	
PAHs	Acenaphthylene	EPA 8270	6.22	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Benzo(a)anthracene	EPA 8270	0.107	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Benzo(a)pyrene	EPA 8270	0.2	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Benzo(b)fluoranthene	EPA 8270	0.107	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Benzo(g,h,i)perylene	EPA 8270	1,000	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Indeno(1,2,3-cd)pyrene	EPA 8270	0.107	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
Radionuclides	Radium-226	EPA 903.0	5	BCL	pCi/l	0.243	0.295 J	0.310	0.700 J	0.876	0.538	0.159 UJ	0.263 J	0.212	0.510	0.464	0.364	--
	Radium-228	EPA 904.0	5	BCL	pCi/l	<0.350	<0.398	<0.351	0.806	0.636	<0.390	<0.386	<0.364	<0.371	<0.381	<0.373	0.580	--
	Thorium-228	DOE A-01-R	0.14	BCL	pCi/l	0.751	<0.495	0.505 J	<0.528	<0.602	<0.613	<0.967	<0.623	<0.704	<0.612	<0.524	<1.53	--
	Thorium-230	DOE A-01-R	0.05	BCL	pCi/l	1.49	0.879 J	0.515 J	0.928 J	0.732 J	0.917 J	0.470 UJ	0.478 J	0.871 J	0.706 J	0.910 J	<0.752	--
	Thorium-232	DOE A-01-R	0.17	BCL	pCi/l	<0.658	<0.213	<0.145	<0.315	<0.266	<0.161	<0.254	<0.337	<0.316	<0.306	<0.143	<0.840	--
	Uranium-233/234	DOE A-01-R			pCi/l	6.06	13.0	14.2 J	21.7 J	8.91	15.4	12.4	11.5	3.20	13.4	15.4	8.70 J	--
	Uranium-235/236	DOE A-01-R			pCi/l	0.570	0.657	0.451 J	1.03	0.421	0.680	0.380 J	0.411 UJ	<0.992	0.796 J	1.10 J	0.542	--
	Uranium-238	DOE A-01-R			pCi/l	3.40	8.59	7.74	14.7	5.76	11.8	8.44	7.67	1.42	11.5	10.6	4.98	--
	Uranium-238	EPA 6020	30	BCL	µg/l	12 J	27	26	55	23	35	31	5.7	36	36	22	--	
General Chemistry	Alkalinity (as CaCO3)	SM 2320			µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Ammonia (as N)	SM 4500-NH3			µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Ammonia (as N)	SM 4500			µg/l	<100	3,400	48,000	<100	11,000	8,300	2,700	2,600	<100	<100	<100	260 J	--
	Bicarbonate as HCO3	SM 2320			mg/l	--	--	--	--	--	--	--	--	--	--	--	--	--

**TABLE B-1. GROUNDWATER ANALYICAL RESULTS IN ON-SITE WELLS**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Residential Screening Levels		Unit	M-76	M-77	M-79	M-7B	M-80	M-81A	M-83		M-92	M-97		MC-29	MC-3		
			02-03-2015	01-28-2015		02-05-2015	02-05-2015	02-06-2015	02-06-2015	02-06-2015	02-06-2015	01-29-2015	01-29-2015	02-05-2015	02-02-2015					
			Level	Source		M-76-20150203	M-77-20150128	M-79-20150205	M-7B-20150205	M-80-20150206	M-81A-20150206	M-83-20150206	M-83-20150206-FD	M-92-20150129	M-97-20150129	M-97-20150129-FD	MC-29-20150205	MC-3-20150202		
General Chemistry	Bromide	EPA 300			mg/l	<2.5	1.8 J	2 J	2.8 J	3.2	2.4 J	1.5 J	7 J	1.9	2 J	<1.3	<13	--		
	Calcium	EPA 200.7			mg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	Carbon	EPA 5310			µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	Carbonate (CO3)	SM 2320			mg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	Chloride	EPA 300	250	2 <sup>nd</sup> MCL	mg/l	970 J	250 J	950	3,900	500	770	690	670	260	1,200	1,200	11,000	--	--	
	Cyanide (total)	SM 4500-CN-E	0.2	BCL	mg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Dissolved Solids (total)	SM 2540C	500	2 <sup>nd</sup> MCL	mg/l	4,500	3,100	4,600 J	8,800 J	3,000	4,300	3,500	4,000	2,100	5,300	5,100	21,000 J	--	--	
	Hydroxide	SM 2320			mg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Nitrate (as NO3)	EPA 300			mg/l	38	25	340 J	8.8 J	190	190 J	250	240	24 J	35	36	13 UJ	--	--	
	Nitrate/Nitrite	EPA 300			µg/l	8,500	5,600	76,000 J	2,000 J	47,000	42,000 J	60,000	60,000	5,300 J	7,900	8,200	3,500 UJ	--	--	
	Nitrite	EPA 300	1	BCL	mg/l	<0.7	<0.35	<0.35	<0.7	2.5	0.35 UJ	3.8 J	6.4 J	<0.07	<0.35	<0.35	<3.5	--	--	
	ortho-Phosphate (total) (as P)	EPA 300			mg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Phosphorus (total)	EPA 365.3	0.667	BCL	µg/l	41 J	40 J	62	28 J	25 UJ	460 J	25 UJ	25 UJ	<25	<25	<25	380	--	--	
	Potassium	EPA 200.7			mg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Sodium	EPA 200.7			mg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Sulfate	EPA 300			mg/l	1,000	1,100	1,300	1,500	640	590 J	880	870	910	1,800	1,800	1,900	--	--		
Sulfide (total)	EPA 9034			mg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
OTHER	4-Chlorobenzenesulfonic acid	SW8321A	33,400	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	--	

**Notes:**

ft bgs: feet below ground surface

FD: Field Duplicate

GW: Groundwater

Above Screening Level

bold value: detection

Groundwater screening levels were selected according to the following hierarchy of criteria:

1. Maximum Contaminant Level (MCL): Primary United States Environmental Protections Agency (USEPA) maximum contaminant level (40 CFR Part 141).
2. Basic Contaminant Level (BCL): Residential water basic comparison levels in NDEP February 2015 BCL Spreadsheet or Target Water Activities for radionuclides (NDEP 2015).
3. Regional Screening Level (RSL): Tap water regional screening levels in USEPA Pacific Southwest, Region 9, Regional Screening Levels Chemical Specific Parameters table, June 2015. The screening levels were selected as the minimal values of carcinogenic screening level and noncarcinogenic screening level (USEPA 2015).
4. 2<sup>nd</sup> Maximum Contaminant Level (2<sup>nd</sup> MCL): National Secondary Drinking Water Regulations (40 CFR Part 143).

**Sources:**

NDEP, 2015. User's Guide and Background Technical Document for NDEP Basic

Comparison Levels (BCLs) for Human Health for the BMI Complex and Common Areas. Revision 13, February.

USEPA, 2015. Regional Screening Levels (RSL) for Chemical Contaminants at Superfund Sites. June.

USEPA. National Primary Drinking Water Regulations. Code of Federal Regulations, 40 CFR Part 141.

USEPA. National Secondary Drinking Water Regulations. Code of Federal Regulations, 40 CFR Part 143.

**TABLE B-1. GROUNDWATER ANALYICAL RESULTS IN ON-SITE WELLS**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Residential Screening Levels		Unit	MC-45	MC-50	MC-51		MC-53		MC-93	MC-97	MW-16	TR-1	TR-10	TR-11	TR-2
			01-27-2015	01-27-2015		02-05-2015	02-05-2015	01-22-2015	01-22-2015	02-05-2015	02-05-2015	02-05-2015	01-14-2015	01-20-2015	01-15-2015	01-14-2015		
			MC-45-20150127	MC-50-20150127		MC-51-20150205	MC-51-20150205-FD	MC-53-20150122	MC-53-20150122-FD	MC-93-20150205	MC-97-20150205	MW-16-20150205	TR-1-20150114	TR-10-20150120	TR-11-20150115	TR-2-20150114		
Level	Source																	
Chlorates	Chlorate	EPA 300.1	1,000	BCL	µg/l	<100	<100	<100	<100	23,000	24,000	50,000	8,500	<100	<20	27,000	<10	<20
	Perchlorate	EPA 314.0	18	BCL	µg/l	58	510	12	10	4,900 J	4,300	26,000	1,100	710	5.8	3,400	<0.95	3.5 J
Common Metals	Aluminum	EPA 200.7	0.05	BCL	mg/l	0.084	0.026 J	<0.025	<0.025	0.067 J	0.16 J	<0.025	0.048 J	<0.050	<0.025	<0.025	<0.025	<0.025
	Antimony	EPA 200.8	0.006	MCL	mg/l	0.00056 J	<0.0010	--	--	<0.00050	<0.00050	--	--	--	--	--	--	--
	Arsenic	EPA 200.8	0.01	MCL	mg/l	0.093	0.11	0.11	0.12	0.12	0.11	0.069	0.097	0.039	0.022	0.061	0.037	0.024
	Barium	EPA 200.7	2	MCL	mg/l	0.045	<0.050	--	--	0.047	0.046	--	--	--	--	--	--	--
	Boron	EPA 200.7	6.67	BCL	mg/l	1.9	2.0	2.1	2.0	2.3	2.2	3.4	2.1	2.1	0.85	2.1	0.70	0.80
	Cadmium	EPA 200.7	0.005	MCL	mg/l	<0.020	<0.020	--	--	<0.0020	<0.0040	--	--	--	--	--	--	--
	Chromium (total)	EPA 200.7	0.1	MCL	mg/l	<0.0025	<0.0025	<0.0025	<0.0025	0.0084	0.0089 J	0.060	0.0058	0.0068 J	0.017	0.14	0.017	0.020
	Cobalt	EPA 200.7	0.01	BCL	mg/l	0.0055 J	0.0063 J	<0.0025	<0.0025	<0.0025	<0.0050	<0.0025	<0.0025	<0.0050	<0.0025	<0.0025	<0.0025	<0.0025
	Copper	EPA 200.7	1.3	MCL	mg/l	<0.0050	<0.050	--	--	<0.0050	<0.010	--	--	--	--	--	--	--
	Iron	EPA 200.7	0.3	BCL	mg/l	0.014 J	0.13 J	0.014 J	0.010 UJ	0.049	<0.020	<0.010	0.011 J	<0.020	<0.010	<0.010	<0.010	<0.010
	Lead	EPA 200.7	0.015	MCL	mg/l	<0.0025	<0.025	0.0025 UJ	0.0025 UJ	<0.0025	0.0050 UJ	0.0025 UJ	0.0025 UJ	0.014	0.0039 J	0.0037 J	0.0037 J	0.0036 J
	Magnesium	EPA 200.7	189	BCL	mg/l	430	510	520	520	450	400	370	450	640	22	73	24	18
	Manganese	EPA 200.7	0.02	BCL	mg/l	1.0	0.81 J	0.29	0.28	0.14	0.14	0.027	0.097	0.71	<0.010	<0.010	<0.010	<0.010
	Mercury	EPA 7470	0.002	BCL	mg/l	0.00050 UJ	<0.00050	--	--	<0.00010 R	<0.00010 R	--	--	--	--	--	--	--
Nickel	EPA 200.7	0.667	BCL	mg/l	<0.0050	<0.050	--	--	<0.0050	<0.010	--	--	--	--	--	--	--	
Zinc	EPA 200.7	10	BCL	mg/l	<0.010	<0.10	--	--	<0.010	<0.020	--	--	--	--	--	--	--	
Hexavalent Chromium	Chromium VI	EPA 218.6	100	BCL	µg/l	<0.25	0.25 UJ	0.25 UJ	0.25 UJ	8.3	8.3	63 J	5.3 J	0.25 UJ	15	130 J	16	19
Rare Metals	Strontium	EPA 200.7	20	BCL	mg/l	14	18	20	19	18	18	18	15	26	1.5	4.4	2.0	1.2
	Tungsten	EPA 200.7	0.25	BCL	mg/l	<0.50 R	<0.50	<0.50	<0.50	<0.50 R	<1.0 R	<0.50	<0.50	<1.0	<0.50 R	<0.50	<0.50 R	<0.50 R
	Vanadium	EPA 200.7	0.167	BCL	mg/l	0.077	0.21	--	--	0.16	0.16	--	--	--	--	--	--	--
VOCs	Benzene	EPA 8260	5	BCL	µg/l	25	3.4	1,300	1,200	<0.25	<0.25	<0.25	<0.25	44	<0.25	<0.25	<0.25	<0.25
	Bromobenzene	EPA 8260	85.2	BCL	µg/l	<0.25	<0.25	<1.3	<1.3	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	Bromochloromethane	EPA 8260	83	RSL	µg/l	<0.25	<0.25	<1.3	<1.3	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	Bromodichloromethane	EPA 8260	80	MCL	µg/l	<0.25	<0.25	<1.3	<1.3	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	Bromoform	EPA 8260	80	MCL	µg/l	<0.40	<0.40	<2.0	<2.0	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
	Bromomethane	EPA 8260	8.53	BCL	µg/l	<0.25	<0.25	<1.3	<1.3	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	2-Butanone	EPA 8260	6,860	BCL	µg/l	2.5 UJ	<2.5	<13	<13	<2.5	<2.5	<2.5	<2.5	<2.5	2.5 UJ	<2.5	<2.5	2.5 UJ
	n-Butylbenzene	EPA 8260	238	BCL	µg/l	<0.40	<0.40	<2.0	<2.0	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
	sec-Butylbenzene	EPA 8260	238	BCL	µg/l	<0.25	<0.25	<1.3	<1.3	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	Carbon tetrachloride	EPA 8260	5	BCL	µg/l	<0.25	<0.25	1.3 UJ	1.3 UJ	<0.25	<0.25	0.25 UJ	0.25 UJ	<0.25	<0.25	<0.25	<0.25	<0.25
	Chlorobenzene	EPA 8260	100	BCL	µg/l	39	65 J	1,500	1,400	<0.25	<0.25	0.27 J	0.31 J	150	<0.25	<0.25	<0.25	<0.25
	Chloroethane	EPA 8260	26.9	BCL	µg/l	<0.40	<0.40	<2.0	<2.0	0.42 J	0.40 UJ	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
	Chloroform	EPA 8260	80	MCL	µg/l	2.0	0.92	3.4	3.3	2.8	2.6	8.8	0.71	1.8	<0.25	3.2	<0.25	<0.25
	Chloromethane	EPA 8260	3.12	BCL	µg/l	<0.25	<0.25	<1.3	<1.3	<0.25	<0.25	<0.25	<0.25	0.25 UJ	<0.25	<0.25	<0.25	<0.25
	2-Chlorotoluene	EPA 8260	90.2	BCL	µg/l	<0.25	<0.25	<1.3	<1.3	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	4-Chlorotoluene	EPA 8260	250	RSL	µg/l	<0.25	<0.25	<1.3	<1.3	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	Cumene	EPA 8260	667	BCL	µg/l	<0.25	<0.25	<1.3	<1.3	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	p-Cymene	EPA 8260	834	BCL	µg/l	<0.25	<0.25	<1.3	<1.3	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	Dibromochloromethane	EPA 8260	80	MCL	µg/l	<0.25	<0.25	<1.3	<1.3	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	1,2-Dibromoethane	EPA 8260	0.05	MCL	µg/l	<0.25	<0.25	<1.3	<1.3	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	Dibromomethane	EPA 8260	8.14	BCL	µg/l	<0.25	<0.25	<1.3	<1.3	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	1,2-Dichlorobenzene	EPA 8260	600	MCL	µg/l	4.5	0.94	22	20	<0.25	<0.25	<0.25	<0.25	23	<0.50	<0.50	<0.50	<0.50
	1,2-Dichlorobenzene	EPA 8270	600	MCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene	EPA 8260	80.7	BCL	µg/l	0.36 J	<0.25	<1.3	<1.3	<0.25	<0.25	<0.25	<0.25	1.3	<0.25	<0.25	<0.25	<0.25	
1,4-Dichlorobenzene	EPA 8260	75	MCL	µg/l	6.6	1.7	32	30	0.28 J	0.25 UJ	0.31 J	<0.25	27	<0.25	<0.25	<0.25	<0.25	
1,4-Dichlorobenzene	EPA 8270	75	MCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	

**TABLE B-1. GROUNDWATER ANALYICAL RESULTS IN ON-SITE WELLS**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Residential Screening Levels		Unit	MC-45	MC-50	MC-51		MC-53		MC-93	MC-97	MW-16	TR-1	TR-10	TR-11	TR-2
			Level	Source		01-27-2015	01-27-2015	02-05-2015	02-05-2015	01-22-2015	01-22-2015	02-05-2015	02-05-2015	02-05-2015	01-14-2015	01-20-2015	01-15-2015	01-14-2015
						MC-45-20150127	MC-50-20150127	MC-51-20150205	MC-51-20150205-FD	MC-53-20150122	MC-53-20150122-FD	MC-93-20150205	MC-97-20150205	MW-16-20150205	TR-1-20150114	TR-10-20150120	TR-11-20150115	TR-2-20150114
VOCs	Dichlorodifluoromethane	EPA 8260	393	BCL	µg/l	0.25 UJ	0.25 UJ	1.3 UJ	1.3 UJ	0.25 UJ	0.25 UJ	0.25 UJ	0.25 UJ	0.25 UJ	0.25 UJ	0.25 UJ	0.25 UJ	0.25 UJ
	1,1-Dichloroethane	EPA 8260	2.79	BCL	µg/l	1.0	0.49 J	12	13	1.4	1.2	2.0	2.3	2.6	<0.25	<0.25	<0.25	<0.25
	1,2-Dichloroethane	EPA 8260	5	BCL	µg/l	<0.25	<0.25	<1.3	<1.3	0.48 J	0.40 J	0.81	1.1	1.9	<0.25	<0.25	<0.25	<0.25
	1,1-Dichloroethene	EPA 8260	7	MCL	µg/l	<0.25	<0.25	<1.3	<1.3	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	cis-1,2-Dichloroethene	EPA 8260	70	BCL	µg/l	<0.25	<0.25	<1.3	<1.3	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	trans-1,2-Dichloroethene	EPA 8260	100	BCL	µg/l	<0.25	<0.25	<1.3	<1.3	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	1,2-Dichloropropane	EPA 8260	5	BCL	µg/l	<0.25	<0.25	<1.3	<1.3	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	1,3-Dichloropropane	EPA 8260	8.24	BCL	µg/l	<0.25	<0.25	<1.3	<1.3	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	2,2-Dichloropropane	EPA 8260			µg/l	<0.40	<0.40	2.0 UJ	2.0 UJ	<0.40	<0.40	0.40 UJ	0.40 UJ	<0.40	<0.40	<0.40	<0.40	<0.40
	1,1-Dichloropropene	EPA 8260			µg/l	<0.25	<0.25	<1.3	<1.3	<0.25	<0.25	<0.25	<0.25	<0.25	0.25 UJ	<0.25	<0.25	0.25 UJ
	cis-1,3-Dichloropropene	EPA 8260			µg/l	<0.25	<0.25	<1.3	<1.3	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	trans-1,3-Dichloropropene	EPA 8260			µg/l	<0.25	<0.25	<1.3	<1.3	<0.25	<0.25	<0.25	<0.25	<0.25	0.25 UJ	<0.25	<0.25	0.25 UJ
	1,4-Dioxane	EPA 8260BSIM	0.779	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	1,4-Dioxane	EPA 8260SIM	0.779	BCL	µg/l	3.3	3.3	4.1 J	3.9 J	2.8	2.4	<0.50	2.4	22	<0.50	<0.50	<0.50	<0.50
	Ethyl benzene	EPA 8260	700	MCL	µg/l	<0.25	<0.25	<1.3	<1.3	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	Ethyl tert-butyl ether	EPA 8260			µg/l	<0.25	<0.25	<1.3	<1.3	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	Hexachlorobutadiene	EPA 8260	0.999	BCL	µg/l	<0.25	<0.25	<1.3	<1.3	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	0.30 J
	Methylene chloride	EPA 8260	5	BCL	µg/l	<0.88	<0.88	<4.4	<4.4	<0.88	<0.88	<0.88	<0.88	<0.88	<0.88	0.88 UJ	<0.88	<0.88
	Naphthalene	EPA 8260	0.165	BCL	µg/l	<0.40	<0.40	<2.0	<2.0	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
	n-Propylbenzene	EPA 8260	238	BCL	µg/l	<0.25	<0.25	<1.3	<1.3	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	Styrene	EPA 8260	100	BCL	µg/l	<0.25	<0.25	<1.3	<1.3	<0.25 R	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	1,1,1,2-Tetrachloroethane	EPA 8260	0.605	BCL	µg/l	<0.25	<0.25	<1.3	<1.3	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	1,1,2,2-Tetrachloroethane	EPA 8260	0.0775	BCL	µg/l	0.25 UJ	<0.25	<1.3	<1.3	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	Tetrachloroethene	EPA 8260	5	BCL	µg/l	<0.25	<0.25	<1.3	<1.3	1.8	1.7	3.5	0.95	0.72	<0.25	<0.25	<0.25	<0.25
	Toluene	EPA 8260	1,000	MCL	µg/l	<0.25	<0.25	1.5 J	1.5 J	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	1,2,3-Trichlorobenzene	EPA 8260	7	RSL	µg/l	0.91 J	1.1	<2.0	<2.0	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
	1,2,4-Trichlorobenzene	EPA 8260	70	MCL	µg/l	4.8	4.2	<2.0	<2.0	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
	1,1,1-Trichloroethane	EPA 8260	200	MCL	µg/l	<0.25	<0.25	1.3 UJ	1.3 UJ	<0.25	<0.25	0.25 UJ	0.25 UJ	<0.25	<0.25	<0.25	<0.25	<0.25
	1,1,2-Trichloroethane	EPA 8260	5	BCL	µg/l	<0.25	<0.25	<1.3	<1.3	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	Trichloroethene	EPA 8260	5	BCL	µg/l	0.30 J	<0.25	4.2	4.0	0.34 J	0.26 J	0.45 J	0.29 J	<0.25	<0.25	<0.25	<0.25	<0.25
	Trichlorofluoromethane	EPA 8260	1,270	BCL	µg/l	<0.25	0.25 UJ	<1.3	<1.3	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	1,2,3-Trichloropropane	EPA 8260	0.0026	BCL	µg/l	0.25 UJ	<0.25	<1.3	<1.3	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
1,2,3-Trichloropropane	EPA 8260BSIM	0.0026	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	
1,2,3-Trichloropropane	EPA 8260SIM	0.0026	BCL	µg/l	<0.0025	0.0031 J	<0.013	<0.013	0.0032 J	0.0027 J	0.010	<0.0025	0.38	<0.0025	<0.0025	<0.0025	<0.0025	
1,2,4-Trimethylbenzene	EPA 8260	14.6	BCL	µg/l	<0.25	<0.25	<1.3	<1.3	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	
1,3,5-Trimethylbenzene	EPA 8260	14.5	BCL	µg/l	<0.25	<0.25	<1.3	<1.3	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	
Vinyl chloride	EPA 8260	2	BCL	µg/l	<0.25	<0.25	<1.3	<1.3	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	
m,p-Xylene	EPA 8260			µg/l	<0.50	<0.50	<2.5	<2.5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
o-Xylene	EPA 8260	1,200	BCL	µg/l	<0.25	<0.25	<1.3	<1.3	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	
1,2-Dibromo-3-chloropropane	EPA 8260	0.2	MCL	µg/l	0.50 UJ	<0.50	<2.5	<2.5	<0.50	<0.50	<0.50	<0.50	<0.50	0.50 UJ	<0.50	<0.50	0.50 UJ	
tert-Butylbenzene	EPA 8260	238	BCL	µg/l	<0.25	<0.25	<1.3	<1.3	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	
SVOCs	Acenaphthene	EPA 8270	6.24	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	
	Aniline	EPA 8270	13.7	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	
	Anthracene	EPA 8270	6.25	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	
	Benzidine	EPA 8270	0.000339	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	
	Benzo(k)fluoranthene	EPA 8270	1.07	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	
	Benzoic acid	EPA 8270	133,000	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	
	Benzyl alcohol	EPA 8270	16,700	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	

**TABLE B-1. GROUNDWATER ANALYICAL RESULTS IN ON-SITE WELLS**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Residential Screening Levels		Unit	MC-45	MC-50	MC-51		MC-53		MC-93	MC-97	MW-16	TR-1	TR-10	TR-11	TR-2
			01-27-2015	01-27-2015		02-05-2015	02-05-2015	01-22-2015	01-22-2015	02-05-2015	02-05-2015	02-05-2015	01-14-2015	01-20-2015	01-15-2015	01-14-2015		
			MC-45-20150127	MC-50-20150127		MC-51-20150205	MC-51-20150205-FD	MC-53-20150122	MC-53-20150122-FD	MC-93-20150205	MC-97-20150205	MW-16-20150205	TR-1-20150114	TR-10-20150120	TR-11-20150115	TR-2-20150114		
SVOCs	4-Bromophenyl-phenyl ether	EPA 8270			µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Butylbenzylphthalate	EPA 8270	41	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	4-Chloroaniline	EPA 8270	0.39	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	2-Chloronaphthalene	EPA 8270	2.08	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	2-Chlorophenol	EPA 8270	64.2	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	4-Chlorophenyl-phenyl ether	EPA 8270			µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Chrysene	EPA 8270	10.7	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Di-n-butylphthalate	EPA 8270	3,340	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Di-n-octylphthalate	EPA 8270	400	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Dibenz(a,h)anthracene	EPA 8270	0.0107	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Dibenzofuran	EPA 8270	66.7	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	1,3-Dichlorobenzene	EPA 8270	80.7	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	3,3'-Dichlorobenzidine	EPA 8270	0.173	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	2,4-Dichlorophenol	EPA 8270	100	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Diethylphthalate	EPA 8270	26,700	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	2,4-Dimethylphenol	EPA 8270	667	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Dimethylphthalate	EPA 8270	334,000	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	2,4-Dinitrophenol	EPA 8270	66.7	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	2,4-Dinitrotoluene	EPA 8270	0.251	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	2,6-Dinitrotoluene	EPA 8270	33.4	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	1,2-Diphenylhydrazine	EPA 8270	0.0974	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Fluoranthene	EPA 8270	1,330	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Fluorene	EPA 8270	6.23	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Hexachlorobenzene	EPA 8270	1	MCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Hexachlorobutadiene	EPA 8270	0.999	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Hexachlorocyclopentadiene	EPA 8270	50	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Hexachloroethane	EPA 8270	5.56	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Isophorone	EPA 8270	82	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	1-Methylnaphthalene	EPA 8270	1.1	RSL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	2-Methylnaphthalene	EPA 8270	36	RSL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	2-Methylphenol	EPA 8270	1,670	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	3&4-Methylphenol	EPA 8270			µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	4-Methylphenol	EPA 8270	167	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Naphthalene	EPA 8270	0.165	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	2-Nitroaniline	EPA 8270	100	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	3-Nitroaniline	EPA 8270			µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	4-Nitroaniline	EPA 8270	3.8	RSL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Nitrobenzene	EPA 8270	0.14	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	2-Nitrophenol	EPA 8270			µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	4-Nitrophenol	EPA 8270	267	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
n-Nitrosodiphenylamine	EPA 8270	15.9	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	
Octachlorostyrene	EPA 8270			µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	
Pentachlorophenol	EPA 8270	1	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	
Phenol	EPA 8270	10,000	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	
Pyrene	EPA 8270	6.22	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	
1,2,4-Trichlorobenzene	EPA 8270	70	MCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	
2,4,5-Trichlorophenol	EPA 8270	3,340	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	
2,4,6-Trichlorophenol	EPA 8270	7.08	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	

**TABLE B-1. GROUNDWATER ANALYICAL RESULTS IN ON-SITE WELLS**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Residential Screening Levels		Unit	MC-45	MC-50	MC-51		MC-53		MC-93	MC-97	MW-16	TR-1	TR-10	TR-11	TR-2
			Level	Source		01-27-2015	01-27-2015	02-05-2015	02-05-2015	01-22-2015	01-22-2015	02-05-2015	02-05-2015	02-05-2015	01-14-2015	01-20-2015	01-15-2015	01-14-2015
						MC-45-20150127	MC-50-20150127	MC-51-20150205	MC-51-20150205-FD	MC-53-20150122	MC-53-20150122-FD	MC-93-20150205	MC-97-20150205	MW-16-20150205	TR-1-20150114	TR-10-20150120	TR-11-20150115	TR-2-20150114
SVOCs	bis(2-Chloro-1-methylethyl) ether	EPA 8270	0.373	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	bis(2-Chloroethoxy)methane	EPA 8270	59	RSL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	bis(2-Chloroethyl) ether	EPA 8270	0.0137	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	bis(2-Ethylhexyl)phthalate	EPA 8270	6	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	4,6-Dinitro-2-methylphenol	EPA 8270	--	--	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	4-Chloro-3-methylphenol	EPA 8270	1,400	RSL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
n-Nitroso-di-n-propylamine	EPA 8270	0.0111	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	
Organo-chlorine Pesticides	Aldrin	EPA 8081	0.00458	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	
	alpha-BHC	EPA 8081	10	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	
	beta-BHC	EPA 8081	2	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	
	delta-BHC	EPA 8081	10	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	
	gamma-BHC	EPA 8081	0.2	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	
	gamma-Chlordane	EPA 8081	--	--	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	
	4,4'-DDD	EPA 8081	0.325	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	
	2,4'-DDE	EPA 8081	--	--	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	
	4,4'-DDE	EPA 8081	0.229	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	
	4,4'-DDT	EPA 8081	0.229	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	
	Dieldrin	EPA 8081	0.00487	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	
	Endosulfan I	EPA 8081	--	--	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	
	Endosulfan II	EPA 8081	--	--	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	
	Endosulfan sulfate	EPA 8081	--	--	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	
	Endrin	EPA 8081	2	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	
	Endrin aldehyde	EPA 8081	--	--	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	
	Endrin ketone	EPA 8081	--	--	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	
Heptachlor	EPA 8081	0.4	MCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--		
Heptachlor epoxide	EPA 8081	0.2	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--		
Methoxychlor	EPA 8081	40	MCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--		
Toxaphene	EPA 8081	3	MCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--		
PAHs	Acenaphthylene	EPA 8270	6.22	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	
	Benzo(a)anthracene	EPA 8270	0.107	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	
	Benzo(a)pyrene	EPA 8270	0.2	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	
	Benzo(b)fluoranthene	EPA 8270	0.107	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	
	Benzo(g,h,i)perylene	EPA 8270	1,000	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	
	Indeno(1,2,3-cd)pyrene	EPA 8270	0.107	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	
Phenanthrene	EPA 8270	6.22	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--		
Radionuclides	Radium-226	EPA 903.0	5	BCL	pCi/l	0.206	0.151	0.175	0.169 J	0.406	0.339	0.210	0.409 J	1.85 J	<0.0721	0.187 J	0.0945	<0.0756
	Radium-228	EPA 904.0	5	BCL	pCi/l	0.515	0.608	<0.376	0.310 UJ	0.544 J	0.825 J	<0.248	0.371 J	2.60 J	<0.320	<0.448	<0.323	<0.313
	Thorium-228	DOE A-01-R	0.14	BCL	pCi/l	<0.492	<0.700	<1.80	<0.591	<0.760	<0.454	0.563 J	<0.707	<0.528	<0.198	<0.227	<0.173	0.188
	Thorium-230	DOE A-01-R	0.05	BCL	pCi/l	1.20	<0.657	<0.927	<0.653	1.21	1.23	<0.499	1.18	0.770 J	0.212 J	0.165	0.244 J	<0.147
	Thorium-232	DOE A-01-R	0.17	BCL	pCi/l	<0.901	<0.523	<0.922	<0.399	<0.341	<0.377	<0.277	<0.554	<0.156	<0.156	<0.111	<0.192	<0.135
	Uranium-233/234	DOE A-01-R	--	--	pCi/l	11.4	11.6	13.6 J	16.5 J	19.6	17.7	22.7 J	13.5 J	16.8	1.12	2.99	1.45	1.63
	Uranium-235/236	DOE A-01-R	--	--	pCi/l	0.406	0.448	0.483	0.544	0.599	0.552	0.768	0.461	0.416	<0.123	0.174	0.0907	<0.127
	Uranium-238	DOE A-01-R	--	--	pCi/l	6.51	8.33	10.3	9.85	13.9	12.4	17.8	8.84	12.0	0.713	1.47	1.12	1.08
Uranium-238	EPA 6020	30	BCL	µg/l	24	32	38	38	37	46	62	34	45	2.6	4.3 J	3.2	3.1	
General Chemistry	Alkalinity (as CaCO3)	SM 2320	--	--	µg/l	370,000	370,000	--	--	270,000	280,000	--	--	--	--	--	--	
	Ammonia (as N)	SM 4500-NH3	--	--	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	
	Ammonia (as N)	SM 4500	--	--	µg/l	140 J	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	
	Bicarbonate as HCO3	SM 2320	--	--	mg/l	450	450	--	--	330	340	--	--	--	--	--	--	

**TABLE B-1. GROUNDWATER ANALYICAL RESULTS IN ON-SITE WELLS**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Residential Screening Levels		Unit	MC-45	MC-50	MC-51		MC-53		MC-93	MC-97	MW-16	TR-1	TR-10	TR-11	TR-2		
			01-27-2015	01-27-2015		02-05-2015	02-05-2015	01-22-2015	01-22-2015	02-05-2015	02-05-2015	02-05-2015	01-14-2015	01-20-2015	01-15-2015	01-14-2015				
			MC-45-20150127	MC-50-20150127		MC-51-20150205	MC-51-20150205-FD	MC-53-20150122	MC-53-20150122-FD	MC-93-20150205	MC-97-20150205	MW-16-20150205	TR-1-20150114	TR-10-20150120	TR-11-20150115	TR-2-20150114				
		Level	Source																	
General Chemistry	Bromide	EPA 300			mg/l	<13	<13	<13	<13	<13	<13	2.6 J	<5	2.6 J	1.6	0.59 J	0.38 J	1.1		
	Calcium	EPA 200.7			mg/l	440	470	--	--	480	450	--	--	--	--	--	--	--	--	
	Carbon	EPA 5310			µg/l	6,800	4,500	--	--	2,200	2,200	--	--	--	--	--	--	--	--	
	Carbonate (CO3)	SM 2320			mg/l	<2.4	<2.4	--	--	<2.4	<2.4	--	--	--	--	--	--	--	--	
	Chloride	EPA 300	250	2 <sup>nd</sup> MCL	mg/l	5,700	7,000 J	8,400	7,900	6,300	5,700	3,600	7,200	4,400	180 J	170 J	180	130 J		
	Cyanide (total)	SM 4500-CN-E	0.2	BCL	mg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	Dissolved Solids (total)	SM 2540C	500	2 <sup>nd</sup> MCL	mg/l	16,000	15,000	16,000 J	16,000 J	13,000	14,000	7,600 J	13,000 J	9,800	710	2,400	710	580		
	Hydroxide	SM 2320			mg/l	<1.4	<1.4	--	--	<1.4	<1.4	--	--	--	--	--	--	--	--	
	Nitrate (as NO3)	EPA 300			mg/l	<13	<13	13 UJ	13 UJ	<13	<13	2.9 J	5.0 UJ	6.7 J	5.6	33	4.9 J	6.5		
	Nitrate/Nitrite	EPA 300			µg/l	<3,500	<3,500	3,500 UJ	3,500 UJ	<3,500	<3,500	700 UJ	1,400 UJ	1,500 J	1,300	7,500	1,100 J	1,500		
	Nitrite	EPA 300	1	BCL	mg/l	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<0.7	<1.4	0.7 UJ	<0.07	<0.14	<0.07	<0.07		
	ortho-Phosphate (total) (as P)	EPA 300			mg/l	<4	<4	--	--	<4	<4	--	--	--	--	--	--	--	--	
	Phosphorus (total)	EPA 365.3	0.667	BCL	µg/l	2,700 J	220 UJ	150	160	110 J	96 J	<25	190	25 UJ	<25	<25	<25	70		
	Potassium	EPA 200.7			mg/l	51	54	--	--	36	34	--	--	--	--	--	--	--	--	
	Sodium	EPA 200.7			mg/l	4,100	4,900	--	--	3,900	3,900	--	--	--	--	--	--	--	--	
Sulfate	EPA 300			mg/l	1,700 J	2,000	2,300	2,100	1,900	1,700	1,400	1,900	1,200 J	190 J	1,300	200	150 J			
Sulfide (total)	EPA 9034			mg/l	1.0 UJ	1.0 UJ	--	--	<1.0	<1.0	--	--	--	--	--	--	--	--		
OTHER	4-Chlorobenzenesulfonic acid	SW8321A	33,400	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--		

**Notes:**

ft bgs: feet below ground surface

FD: Field Duplicate

GW: Groundwater

Above Screening Level

bold value: detection

Groundwater screening levels were selected according to the following hierarchy of criteria:

1. Maximum Contaminant Level (MCL): Primary United States Environmental Protections Agency (USEPA) maximum contaminant level (40 CFR Part 141).
2. Basic Contaminant Level (BCL): Residential water basic comparison levels in NDEP February 2015 BCL Spreadsheet or Target Water Activities for radionuclides (NDEP 2015).
3. Regional Screening Level (RSL): Tap water regional screening levels in USEPA Pacific Southwest, Region 9, Regional Screening Levels Chemical Specific Parameters table, June 2015. The screening levels were selected as the minimal values of carcinogenic screening level and noncarcinogenic screening level (USEPA 2015).
4. 2<sup>nd</sup> Maximum Contaminant Level (2<sup>nd</sup> MCL): National Secondary Drinking Water Regulations (40 CFR Part 143).

**Sources:**

NDEP, 2015. User's Guide and Background Technical Document for NDEP Basic

Comparison Levels (BCLs) for Human Health for the BMI Complex and Common Areas. Revision 13, February.

USEPA, 2015. Regional Screening Levels (RSL) for Chemical Contaminants at Superfund Sites. June.

USEPA. National Primary Drinking Water Regulations. Code of Federal Regulations, 40 CFR Part 141.

USEPA. National Secondary Drinking Water Regulations. Code of Federal Regulations, 40 CFR Part 143.



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**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Residential Screening Levels		Unit	TR-3	TR-4	TR-5	TR-6	TR-7		TR-8	TR-9
			Level	Source		01-15-2015	01-14-2015	01-14-2015	01-15-2015	01-15-2015	01-15-2015	01-27-2015	01-20-2015
						TR-3-20150115	TR-4-20150114	TR-5-20150114	TR-6-20150115	TR-7-20150115	TR-7-20150115-FD	TR-8-20150127	TR-9-20150120
Chlorates	Chlorate	EPA 300.1	1,000	BCL	µg/l	<20	<20	<10	<b>18,000</b>	<20	<20	<b>1,000</b>	<10
	Perchlorate	EPA 314.0	18	BCL	µg/l	<0.95	<b>2.6 J</b>	<b>2.2 J</b>	<b>370</b>	<0.95	<0.95	<b>65</b>	<b>18 J</b>
Common Metals	Aluminum	EPA 200.7	0.05	BCL	mg/l	<0.025	<0.025	<0.025	<0.13	<0.025	<0.025	<0.025	<0.025
	Antimony	EPA 200.8	0.006	MCL	mg/l	--	--	--	--	--	--	--	--
	Arsenic	EPA 200.8	0.01	MCL	mg/l	<b>0.023</b>	<b>0.024</b>	<b>0.022</b>	<b>0.038</b>	<b>0.04</b>	<b>0.04</b>	<b>0.068</b>	<b>0.045</b>
	Barium	EPA 200.7	2	MCL	mg/l	--	--	--	--	--	--	--	--
	Boron	EPA 200.7	6.67	BCL	mg/l	<b>0.83</b>	<b>0.79</b>	<b>0.77</b>	<b>2.1</b>	<b>0.56</b>	<b>0.57</b>	<b>1.1</b>	<b>0.49</b>
	Cadmium	EPA 200.7	0.005	MCL	mg/l	--	--	--	--	--	--	--	--
	Chromium (total)	EPA 200.7	0.1	MCL	mg/l	<b>0.017</b>	<b>0.021</b>	<b>0.016</b>	<b>0.038</b>	<b>0.013</b>	<b>0.013</b>	<b>0.016</b>	<b>0.012</b>
	Cobalt	EPA 200.7	0.01	BCL	mg/l	<0.0025	<0.0025	<0.0025	<0.013	<0.0025	<0.0025	<0.0025	<0.0025
	Copper	EPA 200.7	1.3	MCL	mg/l	--	--	--	--	--	--	--	--
	Iron	EPA 200.7	0.3	BCL	mg/l	<0.010	<0.010	<0.010	<b>0.054 J</b>	<0.010	<0.010	<0.010	<b>0.010 J</b>
	Lead	EPA 200.7	0.015	MCL	mg/l	<b>0.0035 J</b>	<0.0025	<0.0025	<b>0.023 J</b>	0.0025 UJ	<b>0.0026 J</b>	<0.0025	<b>0.0034 J</b>
	Magnesium	EPA 200.7	189	BCL	mg/l	<b>19</b>	<b>16</b>	<b>22</b>	<b>960</b>	<b>22</b>	<b>22</b>	<b>36</b>	<b>21</b>
	Manganese	EPA 200.7	0.02	BCL	mg/l	<0.010	<0.010	<0.010	<0.050	<0.010	<0.010	<0.010	<0.010
Mercury	EPA 7470	0.002	BCL	mg/l	--	--	--	--	--	--	--	--	
Nickel	EPA 200.7	0.667	BCL	mg/l	--	--	--	--	--	--	--	--	
Zinc	EPA 200.7	10	BCL	mg/l	--	--	--	--	--	--	--	--	
Hexavalent Chromium	Chromium VI	EPA 218.6	100	BCL	µg/l	<b>16</b>	<b>16</b>	<b>16</b>	<b>28 J</b>	<b>12</b>	<b>12</b>	<b>15</b>	<b>12</b>
Rare Metals	Strontium	EPA 200.7	20	BCL	mg/l	<b>1.4</b>	<b>1.3</b>	<b>1.4</b>	<b>53</b>	<b>1.1</b>	<b>1.1</b>	<b>1.9</b>	<b>1.2</b>
	Tungsten	EPA 200.7	0.25	BCL	mg/l	<0.50 R	<0.50 R	<0.50 R	<2.5 R	<0.50 R	<0.50 R	<0.50 R	<0.50
	Vanadium	EPA 200.7	0.167	BCL	mg/l	--	--	--	--	--	--	--	--
VOCs	Benzene	EPA 8260	5	BCL	µg/l	<0.25	<0.25	<0.25	<5.0	<0.25	<0.25	<0.25	<0.25
	Bromobenzene	EPA 8260	85.2	BCL	µg/l	<0.25	<0.25	<0.25	<5.0	<0.25	<0.25	<0.25	<0.25
	Bromochloromethane	EPA 8260	83	RSL	µg/l	<0.25	<0.25	<0.25	<5.0	<0.25	<0.25	<0.25	<0.25
	Bromodichloromethane	EPA 8260	80	MCL	µg/l	<0.25	<0.25	<0.25	<5.0	<0.25	<0.25	<0.25	<0.25
	Bromoform	EPA 8260	80	MCL	µg/l	<0.40	<0.40	<0.40	<8.0	<0.40	<0.40	<0.40	<0.40
	Bromomethane	EPA 8260	8.53	BCL	µg/l	<0.25	<0.25	<0.25	<5.0	<0.25	<0.25	<0.25	<0.25
	2-Butanone	EPA 8260	6,860	BCL	µg/l	<2.5	2.5 UJ	2.5 UJ	<50	<2.5	<2.5	2.5 UJ	<2.5
	n-Butylbenzene	EPA 8260	238	BCL	µg/l	<0.40	<0.40	<0.40	<8.0	<0.40	<0.40	<0.40	<0.40
	sec-Butylbenzene	EPA 8260	238	BCL	µg/l	<0.25	<0.25	<0.25	<5.0	<0.25	<0.25	<0.25	<0.25
	Carbon tetrachloride	EPA 8260	5	BCL	µg/l	<0.25	<0.25	<0.25	<b>35</b>	<0.25	<0.25	<b>0.28 J</b>	<0.25
	Chlorobenzene	EPA 8260	100	BCL	µg/l	<0.25	<0.25	<0.25	<5.0	<0.25	<0.25	<b>0.91</b>	<0.25
	Chloroethane	EPA 8260	26.9	BCL	µg/l	<0.40	<0.40	<0.40	<8.0	<0.40	<0.40	<0.40	<0.40
	Chloroform	EPA 8260	80	MCL	µg/l	<0.25	<b>0.36 J</b>	<0.25	<b>1,700</b>	<0.25	<0.25	<b>8.8</b>	<0.25
	Chloromethane	EPA 8260	3.12	BCL	µg/l	<0.25	<0.25	<0.25	<5.0	<0.25	<0.25	<0.25	<0.25
	2-Chlorotoluene	EPA 8260	90.2	BCL	µg/l	<0.25	<0.25	<0.25	<5.0	<0.25	<0.25	<0.25	<0.25
	4-Chlorotoluene	EPA 8260	250	RSL	µg/l	<0.25	<0.25	<0.25	<5.0	<0.25	<0.25	<0.25	<0.25
	Cumene	EPA 8260	667	BCL	µg/l	<0.25	<0.25	<0.25	<5.0	<0.25	<0.25	<0.25	<0.25
	p-Cymene	EPA 8260	834	BCL	µg/l	<0.25	<0.25	<0.25	<5.0	<0.25	<0.25	<0.25	<0.25
	Dibromochloromethane	EPA 8260	80	MCL	µg/l	<0.25	<0.25	<0.25	<5.0	<0.25	<0.25	<0.25	<0.25
	1,2-Dibromoethane	EPA 8260	0.05	MCL	µg/l	<0.25	<0.25	<0.25	<5.0	<0.25	<0.25	<0.25	<0.25
Dibromomethane	EPA 8260	8.14	BCL	µg/l	<0.25	<0.25	<0.25	<5.0	<0.25	<0.25	<0.25	<0.25	
1,2-Dichlorobenzene	EPA 8260	600	MCL	µg/l	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.25	<0.50	
1,2-Dichlorobenzene	EPA 8270	600	MCL	µg/l	--	--	--	--	--	--	--	--	
1,3-Dichlorobenzene	EPA 8260	80.7	BCL	µg/l	<0.25	<0.25	<0.25	<5.0	<0.25	<0.25	<0.25	<0.25	
1,4-Dichlorobenzene	EPA 8260	75	MCL	µg/l	<0.25	<0.25	<0.25	<5.0	<0.25	<0.25	<0.25	<0.25	
1,4-Dichlorobenzene	EPA 8270	75	MCL	µg/l	--	--	--	--	--	--	--	--	



**TABLE B-1. GROUNDWATER ANALYICAL RESULTS IN ON-SITE WELLS**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Residential Screening Levels		Unit	TR-3	TR-4	TR-5	TR-6	TR-7		TR-8	TR-9
			Level	Source		01-15-2015	01-14-2015	01-14-2015	01-15-2015	01-15-2015	01-15-2015	01-27-2015	01-20-2015
						TR-3-20150115	TR-4-20150114	TR-5-20150114	TR-6-20150115	TR-7-20150115	TR-7-20150115-FD	TR-8-20150127	TR-9-20150120
VOCs	Dichlorodifluoromethane	EPA 8260	393	BCL	µg/l	0.25 UJ	0.25 UJ	0.25 UJ	5.0 UJ	0.25 UJ	0.25 UJ	0.25 UJ	0.25 UJ
	1,1-Dichloroethane	EPA 8260	2.79	BCL	µg/l	<0.25	<0.25	<0.25	<5.0	<0.25	<0.25	<0.25	<0.25
	1,2-Dichloroethane	EPA 8260	5	BCL	µg/l	<0.25	<0.25	<0.25	<5.0	<0.25	<0.25	<0.25	<0.25
	1,1-Dichloroethene	EPA 8260	7	MCL	µg/l	<0.25	<0.25	<0.25	<5.0	<0.25	<0.25	<b>0.31 J</b>	<0.25
	cis-1,2-Dichloroethene	EPA 8260	70	BCL	µg/l	<0.25	<0.25	<0.25	<5.0	<0.25	<0.25	<0.25	<0.25
	trans-1,2-Dichloroethene	EPA 8260	100	BCL	µg/l	<0.25	<0.25	<0.25	<5.0	<0.25	<0.25	<0.25	<0.25
	1,2-Dichloropropane	EPA 8260	5	BCL	µg/l	<0.25	<0.25	<0.25	<5.0	<0.25	<0.25	<0.25	<0.25
	1,3-Dichloropropane	EPA 8260	8.24	BCL	µg/l	<0.25	<0.25	<0.25	<5.0	<0.25	<0.25	<0.25	<0.25
	2,2-Dichloropropane	EPA 8260			µg/l	<0.40	<0.40	<0.40	<8.0	<0.40	<0.40	<0.40	<0.40
	1,1-Dichloropropene	EPA 8260			µg/l	<0.25	0.25 UJ	0.25 UJ	<5.0	<0.25	<0.25	<0.25	<0.25
	cis-1,3-Dichloropropene	EPA 8260			µg/l	<0.25	<0.25	<0.25	<5.0	<0.25	<0.25	<0.25	<0.25
	trans-1,3-Dichloropropene	EPA 8260			µg/l	<0.25	0.25 UJ	0.25 UJ	<5.0	<0.25	<0.25	<0.25	<0.25
	1,4-Dioxane	EPA 8260BSIM	0.779	BCL	µg/l	--	--	--	--	--	--	--	--
	1,4-Dioxane	EPA 8260SIM	0.779	BCL	µg/l	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
	Ethyl benzene	EPA 8260	700	MCL	µg/l	<b>0.94</b>	<0.25	<0.25	<5.0	<0.25	<0.25	<0.25	<0.25
	Ethyl tert-butyl ether	EPA 8260			µg/l	<0.25	<0.25	<0.25	<5.0	<0.25	<0.25	<0.25	<0.25
	Hexachlorobutadiene	EPA 8260	0.999	BCL	µg/l	<0.25	<0.25	<0.25	<5.0	<0.25	<0.25	<0.25	<0.25
	Methylene chloride	EPA 8260	5	BCL	µg/l	<0.88	<0.88	<0.88	<18	<0.88	<0.88	<0.88	0.88 UJ
	Naphthalene	EPA 8260	0.165	BCL	µg/l	<0.40	<0.40	<0.40	<8.0	<0.40	<0.40	<0.40	<0.40
	n-Propylbenzene	EPA 8260	238	BCL	µg/l	<0.25	<0.25	<0.25	<5.0	<0.25	<0.25	<0.25	<0.25
	Styrene	EPA 8260	100	BCL	µg/l	<0.25	<0.25	<0.25	<5.0	<0.25	<0.25	<0.25	<0.25
	1,1,1,2-Tetrachloroethane	EPA 8260	0.605	BCL	µg/l	<0.25	<0.25	<0.25	<5.0	<0.25	<0.25	<0.25	<0.25
	1,1,1,2,2-Tetrachloroethane	EPA 8260	0.0775	BCL	µg/l	<0.25	<0.25	<0.25	<5.0	<0.25	<0.25	0.25 UJ	<0.25
	Tetrachloroethene	EPA 8260	5	BCL	µg/l	<0.25	<0.25	<0.25	<5.0	<0.25	<0.25	<0.25	<0.25
	Toluene	EPA 8260	1,000	MCL	µg/l	<b>0.53</b>	<0.25	<0.25	<5.0	<0.25	<0.25	<0.25	<0.25
	1,2,3-Trichlorobenzene	EPA 8260	7	RSL	µg/l	<0.40	<0.40	<0.40	<8.0	<0.40	<0.40	<0.40	<0.40
	1,2,4-Trichlorobenzene	EPA 8260	70	MCL	µg/l	<0.40	<0.40	<0.40	<8.0	<0.40	<0.40	<0.40	<0.40
	1,1,1-Trichloroethane	EPA 8260	200	MCL	µg/l	<0.25	<0.25	<0.25	<5.0	<0.25	<0.25	<0.25	<0.25
	1,1,2-Trichloroethane	EPA 8260	5	BCL	µg/l	<0.25	<0.25	<0.25	<5.0	<0.25	<0.25	<0.25	<0.25
	Trichloroethene	EPA 8260	5	BCL	µg/l	<0.25	<0.25	<0.25	<5.0	<0.25	<0.25	<b>0.57</b>	<0.25
	Trichlorofluoromethane	EPA 8260	1,270	BCL	µg/l	<0.25	<0.25	<0.25	<5.0	<0.25	<0.25	<0.25	<0.25
	1,2,3-Trichloropropane	EPA 8260	0.0026	BCL	µg/l	<0.25	<0.25	<0.25	<5.0	<0.25	<0.25	0.25 UJ	<0.25
	1,2,3-Trichloropropane	EPA 8260BSIM	0.0026	BCL	µg/l	--	--	--	--	--	--	--	--
1,2,3-Trichloropropane	EPA 8260SIM	0.0026	BCL	µg/l	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	
1,2,4-Trimethylbenzene	EPA 8260	14.6	BCL	µg/l	<0.25	<0.25	<0.25	<5.0	<0.25	<0.25	<0.25	<0.25	
1,3,5-Trimethylbenzene	EPA 8260	14.5	BCL	µg/l	<0.25	<0.25	<0.25	<5.0	<0.25	<0.25	<0.25	<0.25	
Vinyl chloride	EPA 8260	2	BCL	µg/l	<0.25	<0.25	<0.25	<5.0	<0.25	<0.25	<0.25	<0.25	
m,p-Xylene	EPA 8260			µg/l	<b>3.9</b>	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<0.50	
o-Xylene	EPA 8260	1,200	BCL	µg/l	<b>2.5</b>	<0.25	<0.25	<5.0	<0.25	<0.25	<0.25	<0.25	
1,2-Dibromo-3-chloropropane	EPA 8260	0.2	MCL	µg/l	<0.50	0.50 UJ	0.50 UJ	<10	<0.50	<0.50	0.50 UJ	<0.50	
tert-Butylbenzene	EPA 8260	238	BCL	µg/l	<0.25	<0.25	<0.25	<5.0	<0.25	<0.25	<0.25	<0.25	
SVOCs	Acenaphthene	EPA 8270	6.24	BCL	µg/l	--	--	--	--	--	--	--	--
	Aniline	EPA 8270	13.7	BCL	µg/l	--	--	--	--	--	--	--	--
	Anthracene	EPA 8270	6.25	BCL	µg/l	--	--	--	--	--	--	--	--
	Benzidine	EPA 8270	0.000339	BCL	µg/l	--	--	--	--	--	--	--	--
	Benzo(k)fluoranthene	EPA 8270	1.07	BCL	µg/l	--	--	--	--	--	--	--	--
	Benzoic acid	EPA 8270	133,000	BCL	µg/l	--	--	--	--	--	--	--	--
	Benzyl alcohol	EPA 8270	16,700	BCL	µg/l	--	--	--	--	--	--	--	--

**TABLE B-1. GROUNDWATER ANALYICAL RESULTS IN ON-SITE WELLS**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Residential Screening Levels		Unit	TR-3	TR-4	TR-5	TR-6	TR-7		TR-8	TR-9
			Level	Source		01-15-2015	01-14-2015	01-14-2015	01-15-2015	01-15-2015	01-15-2015	01-27-2015	01-20-2015
						TR-3-20150115	TR-4-20150114	TR-5-20150114	TR-6-20150115	TR-7-20150115	TR-7-20150115-FD	TR-8-20150127	TR-9-20150120
SVOCs	4-Bromophenyl-phenyl ether	EPA 8270			µg/l	--	--	--	--	--	--	--	--
	Butylbenzylphthalate	EPA 8270	41	BCL	µg/l	--	--	--	--	--	--	--	--
	4-Chloroaniline	EPA 8270	0.39	BCL	µg/l	--	--	--	--	--	--	--	--
	2-Chloronaphthalene	EPA 8270	2.08	BCL	µg/l	--	--	--	--	--	--	--	--
	2-Chlorophenol	EPA 8270	64.2	BCL	µg/l	--	--	--	--	--	--	--	--
	4-Chlorophenyl-phenyl ether	EPA 8270			µg/l	--	--	--	--	--	--	--	--
	Chrysene	EPA 8270	10.7	BCL	µg/l	--	--	--	--	--	--	--	--
	Di-n-butylphthalate	EPA 8270	3,340	BCL	µg/l	--	--	--	--	--	--	--	--
	Di-n-octylphthalate	EPA 8270	400	BCL	µg/l	--	--	--	--	--	--	--	--
	Dibenz(a,h)anthracene	EPA 8270	0.0107	BCL	µg/l	--	--	--	--	--	--	--	--
	Dibenzofuran	EPA 8270	66.7	BCL	µg/l	--	--	--	--	--	--	--	--
	1,3-Dichlorobenzene	EPA 8270	80.7	BCL	µg/l	--	--	--	--	--	--	--	--
	3,3'-Dichlorobenzidine	EPA 8270	0.173	BCL	µg/l	--	--	--	--	--	--	--	--
	2,4-Dichlorophenol	EPA 8270	100	BCL	µg/l	--	--	--	--	--	--	--	--
	Diethylphthalate	EPA 8270	26,700	BCL	µg/l	--	--	--	--	--	--	--	--
	2,4-Dimethylphenol	EPA 8270	667	BCL	µg/l	--	--	--	--	--	--	--	--
	Dimethylphthalate	EPA 8270	334,000	BCL	µg/l	--	--	--	--	--	--	--	--
	2,4-Dinitrophenol	EPA 8270	66.7	BCL	µg/l	--	--	--	--	--	--	--	--
	2,4-Dinitrotoluene	EPA 8270	0.251	BCL	µg/l	--	--	--	--	--	--	--	--
	2,6-Dinitrotoluene	EPA 8270	33.4	BCL	µg/l	--	--	--	--	--	--	--	--
	1,2-Diphenylhydrazine	EPA 8270	0.0974	BCL	µg/l	--	--	--	--	--	--	--	--
	Fluoranthene	EPA 8270	1,330	BCL	µg/l	--	--	--	--	--	--	--	--
	Fluorene	EPA 8270	6.23	BCL	µg/l	--	--	--	--	--	--	--	--
	Hexachlorobenzene	EPA 8270	1	MCL	µg/l	--	--	--	--	--	--	--	--
	Hexachlorobutadiene	EPA 8270	0.999	BCL	µg/l	--	--	--	--	--	--	--	--
	Hexachlorocyclopentadiene	EPA 8270	50	BCL	µg/l	--	--	--	--	--	--	--	--
	Hexachloroethane	EPA 8270	5.56	BCL	µg/l	--	--	--	--	--	--	--	--
	Isophorone	EPA 8270	82	BCL	µg/l	--	--	--	--	--	--	--	--
	1-Methylnaphthalene	EPA 8270	1.1	RSL	µg/l	--	--	--	--	--	--	--	--
	2-Methylnaphthalene	EPA 8270	36	RSL	µg/l	--	--	--	--	--	--	--	--
	2-Methylphenol	EPA 8270	1,670	BCL	µg/l	--	--	--	--	--	--	--	--
	3&4-Methylphenol	EPA 8270			µg/l	--	--	--	--	--	--	--	--
	4-Methylphenol	EPA 8270	167	BCL	µg/l	--	--	--	--	--	--	--	--
	Naphthalene	EPA 8270	0.165	BCL	µg/l	--	--	--	--	--	--	--	--
	2-Nitroaniline	EPA 8270	100	BCL	µg/l	--	--	--	--	--	--	--	--
	3-Nitroaniline	EPA 8270			µg/l	--	--	--	--	--	--	--	--
	4-Nitroaniline	EPA 8270	3.8	RSL	µg/l	--	--	--	--	--	--	--	--
	Nitrobenzene	EPA 8270	0.14	BCL	µg/l	--	--	--	--	--	--	--	--
	2-Nitrophenol	EPA 8270			µg/l	--	--	--	--	--	--	--	--
	4-Nitrophenol	EPA 8270	267	BCL	µg/l	--	--	--	--	--	--	--	--
n-Nitrosodiphenylamine	EPA 8270	15.9	BCL	µg/l	--	--	--	--	--	--	--	--	
Octachlorostyrene	EPA 8270			µg/l	--	--	--	--	--	--	--	--	
Pentachlorophenol	EPA 8270	1	BCL	µg/l	--	--	--	--	--	--	--	--	
Phenol	EPA 8270	10,000	BCL	µg/l	--	--	--	--	--	--	--	--	
Pyrene	EPA 8270	6.22	BCL	µg/l	--	--	--	--	--	--	--	--	
1,2,4-Trichlorobenzene	EPA 8270	70	MCL	µg/l	--	--	--	--	--	--	--	--	
2,4,5-Trichlorophenol	EPA 8270	3,340	BCL	µg/l	--	--	--	--	--	--	--	--	
2,4,6-Trichlorophenol	EPA 8270	7.08	BCL	µg/l	--	--	--	--	--	--	--	--	

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**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Residential Screening Levels		Unit	TR-3	TR-4	TR-5	TR-6	TR-7		TR-8	TR-9
			Level	Source		01-15-2015	01-14-2015	01-14-2015	01-15-2015	01-15-2015	01-15-2015	01-27-2015	01-20-2015
						TR-3-20150115	TR-4-20150114	TR-5-20150114	TR-6-20150115	TR-7-20150115	TR-7-20150115-FD	TR-8-20150127	TR-9-20150120
SVOCs	bis(2-Chloro-1-methylethyl) ether	EPA 8270	0.373	BCL	µg/l	--	--	--	--	--	--	--	--
	bis(2-Chloroethoxy)methane	EPA 8270	59	RSL	µg/l	--	--	--	--	--	--	--	--
	bis(2-Chloroethyl) ether	EPA 8270	0.0137	BCL	µg/l	--	--	--	--	--	--	--	--
	bis(2-Ethylhexyl)phthalate	EPA 8270	6	BCL	µg/l	--	--	--	--	--	--	--	--
	4,6-Dinitro-2-methylphenol	EPA 8270			µg/l	--	--	--	--	--	--	--	--
	4-Chloro-3-methylphenol	EPA 8270	1,400	RSL	µg/l	--	--	--	--	--	--	--	--
	n-Nitroso-di-n-propylamine	EPA 8270	0.0111	BCL	µg/l	--	--	--	--	--	--	--	--
Organo-chlorine Pesticides	Aldrin	EPA 8081	0.00458	BCL	µg/l	--	--	--	--	--	--	--	--
	alpha-BHC	EPA 8081	10	BCL	µg/l	--	--	--	--	--	--	--	--
	beta-BHC	EPA 8081	2	BCL	µg/l	--	--	--	--	--	--	--	--
	delta-BHC	EPA 8081	10	BCL	µg/l	--	--	--	--	--	--	--	--
	gamma-BHC	EPA 8081	0.2	BCL	µg/l	--	--	--	--	--	--	--	--
	gamma-Chlordane	EPA 8081			µg/l	--	--	--	--	--	--	--	--
	4,4'-DDD	EPA 8081	0.325	BCL	µg/l	--	--	--	--	--	--	--	--
	2,4'-DDE	EPA 8081			µg/l	--	--	--	--	--	--	--	--
	4,4'-DDE	EPA 8081	0.229	BCL	µg/l	--	--	--	--	--	--	--	--
	4,4'-DDT	EPA 8081	0.229	BCL	µg/l	--	--	--	--	--	--	--	--
	Dieldrin	EPA 8081	0.00487	BCL	µg/l	--	--	--	--	--	--	--	--
	Endosulfan I	EPA 8081			µg/l	--	--	--	--	--	--	--	--
	Endosulfan II	EPA 8081			µg/l	--	--	--	--	--	--	--	--
	Endosulfan sulfate	EPA 8081			µg/l	--	--	--	--	--	--	--	--
	Endrin	EPA 8081	2	BCL	µg/l	--	--	--	--	--	--	--	--
	Endrin aldehyde	EPA 8081			µg/l	--	--	--	--	--	--	--	--
	Endrin ketone	EPA 8081			µg/l	--	--	--	--	--	--	--	--
Heptachlor	EPA 8081	0.4	MCL	µg/l	--	--	--	--	--	--	--	--	
Heptachlor epoxide	EPA 8081	0.2	BCL	µg/l	--	--	--	--	--	--	--	--	
Methoxychlor	EPA 8081	40	MCL	µg/l	--	--	--	--	--	--	--	--	
Toxaphene	EPA 8081	3	MCL	µg/l	--	--	--	--	--	--	--	--	
PAHs	Acenaphthylene	EPA 8270	6.22	BCL	µg/l	--	--	--	--	--	--	--	--
	Benzo(a)anthracene	EPA 8270	0.107	BCL	µg/l	--	--	--	--	--	--	--	--
	Benzo(a)pyrene	EPA 8270	0.2	BCL	µg/l	--	--	--	--	--	--	--	--
	Benzo(b)fluoranthene	EPA 8270	0.107	BCL	µg/l	--	--	--	--	--	--	--	--
	Benzo(g,h,i)perylene	EPA 8270	1,000	BCL	µg/l	--	--	--	--	--	--	--	--
	Indeno(1,2,3-cd)pyrene	EPA 8270	0.107	BCL	µg/l	--	--	--	--	--	--	--	--
	Phenanthrene	EPA 8270	6.22	BCL	µg/l	--	--	--	--	--	--	--	--
Radionuclides	Radium-226	EPA 903.0	5	BCL	pCi/l	<b>0.0773</b>	<0.0814	<b>0.124</b>	<b>0.585</b>	<0.0977	<0.114	<0.0800	<0.0807
	Radium-228	EPA 904.0	5	BCL	pCi/l	<b>0.454</b>	<0.333	<0.385	<b>0.628</b>	<0.305	<0.290	<0.337	<0.431
	Thorium-228	DOE A-01-R	0.14	BCL	pCi/l	<0.183	<0.175	<0.199	<0.166	<0.154	<0.150	<0.420	<0.179
	Thorium-230	DOE A-01-R	0.05	BCL	pCi/l	<0.231	<0.119	<0.172	<0.197	<b>0.169 J</b>	0.224 UJ	<b>0.746</b>	<0.154
	Thorium-232	DOE A-01-R	0.17	BCL	pCi/l	<0.177	<0.143	<0.142	<0.165	<0.102	<0.187	<b>0.0634</b>	<0.0679
	Uranium-233/234	DOE A-01-R			pCi/l	<b>0.829</b>	<b>1.34</b>	<b>1.38</b>	<b>11.6</b>	<b>1.61</b>	<b>1.27</b>	<b>1.79</b>	<b>1.25</b>
	Uranium-235/236	DOE A-01-R			pCi/l	<0.154	<0.0891	<0.0910	<b>0.405</b>	<0.205	<0.0862	<b>0.0789</b>	<0.172
	Uranium-238	DOE A-01-R			pCi/l	<b>0.566</b>	<b>0.810</b>	<b>0.867</b>	<b>7.82</b>	<b>0.823</b>	<b>0.756</b>	<b>1.43</b>	<b>0.674</b>
	Uranium-238	EPA 6020	30	BCL	µg/l	<b>1.9</b>	<b>3.1</b>	<b>2.4</b>	<b>27</b>	<b>2.5</b>	<b>2.5</b>	<b>4.3</b>	<b>2.4 J</b>
General Chemistry	Alkalinity (as CaCO3)	SM 2320			µg/l	--	--	--	--	--	--	--	--
	Ammonia (as N)	SM 4500-NH3			µg/l	--	--	--	--	--	--	--	--
	Ammonia (as N)	SM 4500			µg/l	<100	<100	<100	<100	<100	<100	<100	<100
	Bicarbonate as HCO3	SM 2320			mg/l	--	--	--	--	--	--	--	--

**TABLE B-1. GROUNDWATER ANALYICAL RESULTS IN ON-SITE WELLS**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Residential Screening Levels		Unit	TR-3	TR-4	TR-5	TR-6	TR-7		TR-8	TR-9
			Level	Source		01-15-2015	01-14-2015	01-14-2015	01-15-2015	01-15-2015	01-15-2015	01-27-2015	01-20-2015
						TR-3-20150115	TR-4-20150114	TR-5-20150114	TR-6-20150115	TR-7-20150115	TR-7-20150115-FD	TR-8-20150127	TR-9-20150120
General Chemistry	Bromide	EPA 300			mg/l	0.42 J	1.4	1.6	<5	0.32 J	0.39 J	0.86	0.32 J
	Calcium	EPA 200.7			mg/l	--	--	--	--	--	--	--	--
	Carbon	EPA 5310			µg/l	--	--	--	--	--	--	--	--
	Carbonate (CO3)	SM 2320			mg/l	--	--	--	--	--	--	--	--
	Chloride	EPA 300	250	2 <sup>nd</sup> MCL	mg/l	170	150 J	170 J	12,000	180	180	120	190 J
	Cyanide (total)	SM 4500-CN-E	0.2	BCL	mg/l	--	--	--	--	--	--	--	--
	Dissolved Solids (total)	SM 2540C	500	2 <sup>nd</sup> MCL	mg/l	660	600	740	26,000	770	790	1,200	810
	Hydroxide	SM 2320			mg/l	--	--	--	--	--	--	--	--
	Nitrate (as NO3)	EPA 300			mg/l	5.4 J	7.1	5.4	20 J	5.0 J	4.9 J	14	5.2
	Nitrate/Nitrite	EPA 300			µg/l	1,200 J	1,600	1,200	4,400 J	1,100 J	1,100 J	3,200	1,200
	Nitrite	EPA 300	1	BCL	mg/l	<0.07	<0.07	<0.07	<1.4	<0.07	<0.07	<0.07	<0.07
	ortho-Phosphate (total) (as P)	EPA 300			mg/l	--	--	--	--	--	--	--	--
	Phosphorus (total)	EPA 365.3	0.667	BCL	µg/l	<25	130	<25	29 J	25 UJ	31 J	45 J	26 J
	Potassium	EPA 200.7			mg/l	--	--	--	--	--	--	--	--
	Sodium	EPA 200.7			mg/l	--	--	--	--	--	--	--	--
Sulfate	EPA 300			mg/l	170	150 J	200 J	2,000	210	210	480 J	240	
Sulfide (total)	EPA 9034			mg/l	--	--	--	--	--	--	--	--	
OTHER	4-Chlorobenzenesulfonic acid	SW8321A	33,400	BCL	µg/l	--	--	--	--	--	--	--	

**Notes:**

ft bgs: feet below ground surface

FD: Field Duplicate

GW: Groundwater

Above Screening Level

bold value: detection

Groundwater screening levels were selected according to the following hierarchy of criteria:

1. Maximum Contaminant Level (MCL): Primary United States Environmental Protections Agency (USEPA) maximum contaminant level (40 CFR Part 141).
2. Basic Contaminant Level (BCL): Residential water basic comparison levels in NDEP February 2015 BCL Spreadsheet or Target Water Activities for radionuclides (NDEP 2015).
3. Regional Screening Level (RSL): Tap water regional screening levels in USEPA Pacific Southwest, Region 9, Regional Screening Levels Chemical Specific Parameters table, June 2015. The screening levels were selected as the minimal values of carcinogenic screening level and noncarcinogenic screening level (USEPA 2015).
4. 2<sup>nd</sup> Maximum Contaminant Level (2<sup>nd</sup> MCL): National Secondary Drinking Water Regulations (40 CFR Part 143).

**Sources:**

NDEP, 2015. User's Guide and Background Technical Document for NDEP Basic

Comparison Levels (BCLs) for Human Health for the BMI Complex and Common Areas. Revision 13, February.

USEPA, 2015. Regional Screening Levels (RSL) for Chemical Contaminants at Superfund Sites. June.

USEPA. National Primary Drinking Water Regulations. Code of Federal Regulations, 40 CFR Part 141.

USEPA. National Secondary Drinking Water Regulations. Code of Federal Regulations, 40 CFR Part 143.

**TABLE B-2. GROUNDWATER ANALYICAL RESULTS IN OFF-SITE WELLS**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Residential Screening Levels		Unit	BHEI-10	HM-2	HMW-13	HMW-15	MCF-29A	MCF-29B	MCF-30A	MCF-30B	PC-103	PC-107	PC-108		PC-110
			01-14-2015	02-03-2015		01-20-2015	01-20-2015	01-16-2015	01-16-2015	01-16-2015	01-16-2015	01-20-2015	01-21-2015	01-20-2015	01-20-2015	01-19-2015		
			Level	Source		BHEI-10-20150114	HM-2-20150203	HMW-13-20150120	HMW-15-20150120	MCF-29A-20150116	MCF-29B-20150116	MCF-30A-20150116	MCF-30B-20150116	PC-103-20150120	PC-107-20150121	PC-108-20150120	PC-108-20150120-FD	PC-110-20150119
Chlorates	Chlorate	EPA 300.1	1,000	BCL	µg/l	210,000	--	--	--	<1,000	<500	<1,000	<500	--	--	--	--	--
	Perchlorate	EPA 314.0	18	BCL	µg/l	180,000	--	--	--	7.5 UJ	7.5 UJ	7.5 UJ	7.5 UJ	--	--	--	--	--
Common Metals	Aluminum	EPA 200.7	0.05	BCL	mg/l	<0.025	<0.050	<0.025	<0.025	1.3 UJ	1.4 J	1.7 J	1.5 J	<0.025	<0.025	<0.025	<0.025	<0.025
	Antimony	EPA 200.8	0.006	MCL	mg/l	<0.00050	<0.00050	<0.00050	<0.00050	<0.01	<0.01	<0.01	<0.01	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050
	Arsenic	EPA 200.8	0.01	MCL	mg/l	0.16	0.098	0.032	0.065	0.014 J	0.017 J	0.022	<0.01	0.12	0.085	0.075	0.073	0.053
	Barium	EPA 200.7	2	MCL	mg/l	0.011	0.0094 J	0.037	0.020	0.25 UJ	0.25 UJ	0.25 UJ	0.25 UJ	0.023	0.017	0.030	0.031	0.020
	Cadmium	EPA 200.7	0.005	MCL	mg/l	<0.0020	<0.0020	<0.0020	<0.0020	<0.10	<0.10	<0.10	<0.10	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
	Chromium (total)	EPA 200.7	0.1	MCL	mg/l	0.45	0.050	0.0025 J	<0.0025	<0.13	<0.13	<0.13	<0.13	<0.0025	0.0047 J	0.0064 J	0.0025 UJ	0.0082
	Cobalt	EPA 200.7	0.01	BCL	mg/l	<0.0025	<0.0025	0.0027 J	0.0063 J	<0.13	<0.13	<0.13	<0.13	<0.0025	<0.0025	0.0033 J	0.0035 J	<0.0025
	Copper	EPA 200.7	1.3	MCL	mg/l	<0.0050	<0.0050	0.0052 J	0.019	<0.25	<0.25	<0.25	<0.25	<0.0050	0.0056 J	<0.0050	<0.0050	<0.0050
	Iron	EPA 200.7	0.3	BCL	mg/l	<0.010	0.014 J	0.024 J	0.050	<0.50	1.7 J	1.6 J	1.4 J	0.015 J	0.015 J	0.082	0.071	0.012 J
	Lead	EPA 200.7	0.015	MCL	mg/l	0.0039 J	<0.0025	0.0061	0.0052	<0.13	<0.13	0.17 J	0.37	<0.0025	<0.0050	0.0034 J	0.0043 J	<0.0025
	Magnesium	EPA 200.7	189	BCL	mg/l	140	250	64	39	6,600	11,000	7,300	13,000	110	210	55	56	200
	Manganese	EPA 200.7	0.02	BCL	mg/l	<0.010	<0.010	0.065	0.23	<0.50	2.1	<0.50	0.50 J	0.67	<0.010	0.73	0.74	<0.010
	Mercury	EPA 7470	0.002	BCL	mg/l	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010
	Nickel	EPA 200.7	0.667	BCL	mg/l	<0.0050	0.0059 J	0.014	0.011	<0.25	<0.25	<0.25	<0.25	<0.0050	<0.010	0.012	0.011	<0.0050
Zinc	EPA 200.7	10	BCL	mg/l	<0.010	<0.010	0.040	0.017 J	<0.50	<0.50	<0.50	<0.50	0.031	0.013 J	0.031	0.025	0.018 J	
Hexavalent Chromium	Chromium VI	EPA 218.6	100	BCL	µg/l	--	42	--	--	--	--	--	--	--	--	--	--	--
Rare Metals	Vanadium	EPA 200.7	0.167	BCL	mg/l	0.075	0.033	0.036	0.085	<0.25	<0.25	<0.25	<0.25	0.13	0.065	0.0059 J	0.0059 J	0.060
VOCs	Benzene	EPA 8260	5	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Bromobenzene	EPA 8260	85.2	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Bromochloromethane	EPA 8260	83	RSL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Bromodichloromethane	EPA 8260	80	MCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Bromoform	EPA 8260	80	MCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Bromomethane	EPA 8260	8.53	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	2-Butanone	EPA 8260	6,860	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	n-Butylbenzene	EPA 8260	238	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	sec-Butylbenzene	EPA 8260	238	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Carbon tetrachloride	EPA 8260	5	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Chlorobenzene	EPA 8260	100	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Chloroethane	EPA 8260	26.9	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Chloroform	EPA 8260	80	MCL	µg/l	2.4	--	--	--	--	--	--	--	--	--	--	--	--
	Chloromethane	EPA 8260	3.12	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	2-Chlorotoluene	EPA 8260	90.2	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	4-Chlorotoluene	EPA 8260	250	RSL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Cumene	EPA 8260	667	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	p-Cymene	EPA 8260	834	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Dibromochloromethane	EPA 8260	80	MCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	1,2-Dibromoethane	EPA 8260	0.05	MCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Dibromomethane	EPA 8260	8.14	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	1,2-Dichlorobenzene	EPA 8260	600	MCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	1,3-Dichlorobenzene	EPA 8260	80.7	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	1,4-Dichlorobenzene	EPA 8260	75	MCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Dichlorodifluoromethane	EPA 8260	393	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	1,1-Dichloroethane	EPA 8260	2.79	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	1,2-Dichloroethane	EPA 8260	5	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	1,1-Dichloroethene	EPA 8260	7	MCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
cis-1,2-Dichloroethene	EPA 8260	70	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	

**TABLE B-2. GROUNDWATER ANALYICAL RESULTS IN OFF-SITE WELLS**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Residential Screening Levels		Unit	BHEI-10	HM-2	HMW-13	HMW-15	MCF-29A	MCF-29B	MCF-30A	MCF-30B	PC-103	PC-107	PC-108		PC-110
			01-14-2015	02-03-2015		01-20-2015	01-20-2015	01-16-2015	01-16-2015	01-16-2015	01-16-2015	01-20-2015	01-21-2015	01-20-2015	01-20-2015	01-19-2015		
			Level	Source		BHEI-10-20150114	HM-2-20150203	HMW-13-20150120	HMW-15-20150120	MCF-29A-20150116	MCF-29B-20150116	MCF-30A-20150116	MCF-30B-20150116	PC-103-20150120	PC-107-20150121	PC-108-20150120	PC-108-20150120-FD	PC-110-20150119
VOCs	trans-1,2-Dichloroethene	EPA 8260	100	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	1,2-Dichloropropane	EPA 8260	5	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	1,3-Dichloropropane	EPA 8260	8.24	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	2,2-Dichloropropane	EPA 8260			µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	1,1-Dichloropropene	EPA 8260			µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	cis-1,3-Dichloropropene	EPA 8260			µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	trans-1,3-Dichloropropene	EPA 8260			µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	1,4-Dioxane	EPA 8260SIM	0.779	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Ethyl benzene	EPA 8260	700	MCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Ethyl tert-butyl ether	EPA 8260			µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Hexachlorobutadiene	EPA 8260	0.999	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Methylene chloride	EPA 8260	5	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Naphthalene	EPA 8260	0.165	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	n-Propylbenzene	EPA 8260	238	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Styrene	EPA 8260	100	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	1,1,1,2-Tetrachloroethane	EPA 8260	0.605	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	1,1,2,2-Tetrachloroethane	EPA 8260	0.0775	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Tetrachloroethene	EPA 8260	5	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Toluene	EPA 8260	1,000	MCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	1,2,3-Trichlorobenzene	EPA 8260	7	RSL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	1,2,4-Trichlorobenzene	EPA 8260	70	MCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	1,1,1-Trichloroethane	EPA 8260	200	MCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	1,1,2-Trichloroethane	EPA 8260	5	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Trichloroethene	EPA 8260	5	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Trichlorofluoromethane	EPA 8260	1,270	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	1,2,3-Trichloropropane	EPA 8260	0.0026	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	1,2,3-Trichloropropane	EPA 8260SIM	0.0026	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	1,2,4-Trimethylbenzene	EPA 8260	14.6	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	1,3,5-Trimethylbenzene	EPA 8260	14.5	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Vinyl chloride	EPA 8260	2	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
m,p-Xylene	EPA 8260			µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	
o-Xylene	EPA 8260	1,200	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	
1,2-Dibromo-3-chloropropane	EPA 8260	0.2	MCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	
tert-Butylbenzene	EPA 8260	238	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	
General Chemistry	Alkalinity (as CaCO3)	SM 2320			µg/l	87,000	84,000	230,000	140,000	52,000	97,000	63,000	110,000	220,000	190,000	270,000	270,000	140,000
	Bicarbonate as HCO3	SM 2320			mg/l	110	100	280	170	63	120	77	140	260	230	330	330	180
	Bromide	EPA 300			mg/l	--	<2.5	--	--	--	--	--	--	--	--	--	--	--
	Calcium	EPA 200.7			mg/l	670	670	160	170	290	100	230	79	230	410	150	150	460
	Carbon	EPA 5310			µg/l	1,800	1,100	4,300	2,800	6,700	8,500	5,600	11,000	2,000	2,600	6,600	6,600	1,100
	Carbonate (CO3)	SM 2320			mg/l	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4
	Chloride	EPA 300	250	2 <sup>nd</sup> MCL	mg/l	600	910	440 J	340 J	91,000	41,000	110,000	62,000	1,800 J	1,300	520 J	560 J	840 J
	Dissolved Solids (total)	SM 2540C	500	2 <sup>nd</sup> MCL	mg/l	5,600	5,900	1,900	1,600	190,000	150,000	200,000	200,000	6,300	5,000	2,100	2,100	4,700
	Hydroxide	SM 2320			mg/l	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4
	Nitrate (as NO3)	EPA 300			mg/l	160 J	61	3.8	4.1	<50	<50	<50	<250	15	91	<0.50	<0.50	26
	Nitrate/Nitrite	EPA 300			µg/l	37,000 J	14,000	860	930	<14,000	<14,000	<14,000	<70,000	3,400	21,000	<140	<140	5,900
	Nitrite	EPA 300	1	BCL	mg/l	<0.35	<0.7	<0.14	<0.14	<14	<14	<14	<70	<1.4	<0.7	<0.14	<0.14	<0.35
	ortho-Phosphate (total) (as P)	EPA 300			mg/l	<0.4	<0.8	<0.16	<0.16	<16	<16	<16	<80	<1.6	<0.8	<0.16	<0.16	<0.4
	Potassium	EPA 200.7			mg/l	12	170	36	27	7,400	13,000	7,400	11,000	29	32	21	21	37

**TABLE B-2. GROUNDWATER ANALYTICAL RESULTS IN OFF-SITE WELLS**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Residential Screening Levels		Unit	BHEI-10	HM-2	HMW-13	HMW-15	MCF-29A	MCF-29B	MCF-30A	MCF-30B	PC-103	PC-107	PC-108		PC-110
			01-14-2015	02-03-2015		01-20-2015	01-20-2015	01-16-2015	01-16-2015	01-16-2015	01-16-2015	01-20-2015	01-21-2015	01-20-2015	01-20-2015	01-19-2015		
			Level	Source		BHEI-10-20150114	HM-2-20150203	HMW-13-20150120	HMW-15-20150120	MCF-29A-20150116	MCF-29B-20150116	MCF-30A-20150116	MCF-30B-20150116	PC-103-20150120	PC-107-20150121	PC-108-20150120	PC-108-20150120-FD	PC-110-20150119
General Chemistry	Sodium	EPA 200.7			mg/l	840	590	360	310	34,000	27,000	35,000	29,000	1,700	900	500	500	680
	Sulfate	EPA 300			mg/l	2,200	2,400	590	530	24,000	60,000	29,000	78,000	1,600	1,800	590	620	1,900
	Sulfide (total)	EPA 9034			mg/l	<1.0	<1.0	<1.0	<1.0	1.0 UJ	<1.0	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	<1.0	<1.0	<1.0
	pH	EPA 9040C			s.u.	--	--	--	--	--	--	--	--	--	--	--	--	--

**Notes:**

ft bgs: feet below ground surface

FD: Field Duplicate

GW: Groundwater

Above Screen

**bold value:** detection

Groundwater screening levels were selected according to the following hierarchy of criteria:

1. Maximum Contaminant Level (MCL): Primary United States Environmental Protections Agency (USEPA) maximum contaminant level (40 CFR Part 141).
2. Basic Contaminant Level (BCL): Residential water basic comparison levels in NDEP February 2015 BCL Spreadsheet or Target Water Activities for radionuclides (NDEP 2015).
3. Regional Screening Level (RSL): Tap water regional screening levels in USEPA Pacific Southwest, Region 9, Regional Screening Levels Chemical Specific Parameters table, June 2015. The screening levels were selected as the minimal values of carcinogenic screening level and noncarcinogenic screening level (USEPA 2015).
4. 2<sup>nd</sup> Maximum Contaminant Level (2<sup>nd</sup> MCL): National Secondary Drinking Water Regulations (40 CFR Part 143).

**Sources:**

NDEP, 2015. User's Guide and Background Technical Document for NDEP Basic

Comparison Levels (BCLs) for Human Health for the BMI Complex and Common Areas. Revision 13, February.

USEPA, 2015. Regional Screening Levels (RSL) for Chemical Contaminants at Superfund Sites. June.

USEPA. National Primary Drinking Water Regulations. Code of Federal Regulations, 40 CFR Part 141.

USEPA. National Secondary Drinking Water Regulations. Code of Federal Regulations, 40 CFR Part 143.

**TABLE B-2. GROUNDWATER ANALYICAL RESULTS IN OFF-SITE WELLS**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Residential Screening Levels		Unit	PC-124	PC-126	PC-127		PC-128	PC-129	PC-132	PC-134D	PC-137D	PC-151		PC-152	PC-153	
			01-22-2015	01-22-2015		01-22-2015	01-22-2015	01-23-2015	01-23-2015	01-22-2015	01-26-2015	01-26-2015	01-26-2015	01-26-2015	01-26-2015	01-26-2015	01-26-2015	01-26-2015	
			Level	Source		PC-124-20150122	PC-126-20150122	PC-127-20150122	PC-127-20150122-FD	PC-128-20150123	PC-129-20150123	PC-132-20150122	PC-134D-20150126	PC-137D-20150126	PC-151-20150126	PC-151-20150126-FD	PC-152-20150126	PC-153-20150126	
Chlorates	Chlorate	EPA 300.1	1,000	BCL	µg/l	--	--	--	--	--	--	--	<20	<20	7,500	7,100	1,300	<100	
	Perchlorate	EPA 314.0	18	BCL	µg/l	--	--	--	--	--	--	--	1.1 J	7.2	56,000	55,000	38,000	2,700	
Common Metals	Aluminum	EPA 200.7	0.05	BCL	mg/l	0.063 J	0.052 J	<0.025	<0.050	0.15 J	0.13 J	0.063	<0.025	0.081	0.19 J	0.025 UJ	0.050	0.038 J	
	Antimony	EPA 200.8	0.006	MCL	mg/l	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	0.00069 J	<0.00050
	Arsenic	EPA 200.8	0.01	MCL	mg/l	0.083	0.073	0.14	0.13	0.23	0.14	0.1	0.046	0.036	0.057	0.056	0.054	0.037	
	Barium	EPA 200.7	2	MCL	mg/l	0.022	0.020	0.012	0.011 J	0.016 J	0.020	0.032	0.012	0.011	0.021	0.021	0.020	0.024	
	Cadmium	EPA 200.7	0.005	MCL	mg/l	<0.0040	<0.0040	<0.0020	<0.0040	<0.0040	<0.0040	<0.0020	<0.0020	<0.0020	<0.0040	<0.0040	<0.010	<0.010	
	Chromium (total)	EPA 200.7	0.1	MCL	mg/l	0.10	0.25	0.92	0.87	0.42	0.63	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	
	Cobalt	EPA 200.7	0.01	BCL	mg/l	<0.0050	<0.0050	<0.0025	<0.0050	<0.0050	<0.0050	0.0029 J	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	
	Copper	EPA 200.7	1.3	MCL	mg/l	<0.010	<0.010	0.0053 J	0.010 UJ	<0.010	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	
	Iron	EPA 200.7	0.3	BCL	mg/l	0.020 J	0.22	0.010 UJ	0.023 J	<0.020	0.042 J	<0.010	0.059	<0.010	<0.010	<0.010	0.017 J	0.043	
	Lead	EPA 200.7	0.015	MCL	mg/l	0.0050 UJ	0.0050 UJ	<0.0025	0.0050 UJ	0.0050 UJ	0.0050 UJ	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	
	Magnesium	EPA 200.7	189	BCL	mg/l	390	340	210	200	220	210	250	130	170	150	150	130	120	
	Manganese	EPA 200.7	0.02	BCL	mg/l	<0.020	<0.020	<0.010	<0.020	<0.020	<0.020	1.2	0.091	0.048	0.37	0.39	0.46	1.0	
	Mercury	EPA 7470	0.002	BCL	mg/l	<0.00010 R	<0.00010 R	<0.00010 R	<0.00010 R	<0.00010 R	<0.00010 R	<0.00010 R	<0.00050 R	<0.00050 R	<0.00050 R	<0.00050 R	0.00010 UJ	<0.00050 R	
Nickel	EPA 200.7	0.667	BCL	mg/l	<0.010	<0.010	<0.0050	<0.010	<0.010	<0.010	0.0051 J	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050		
Zinc	EPA 200.7	10	BCL	mg/l	0.021 J	<0.020	<0.010	<0.020	<0.020	<0.020	0.013 J	<0.010	0.010 J	<0.010	<0.010	<0.010	<0.010		
Hexavalent Chromium	Chromium VI	EPA 218.6	100	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--		
Rare Metals	Vanadium	EPA 200.7	0.167	BCL	mg/l	0.032	0.031	0.062	0.060	0.088	0.045	0.13	<0.0050	<0.0050	0.098	0.099	0.11	0.055	
VOCs	Benzene	EPA 8260	5	BCL	µg/l	--	--	--	--	--	--	--	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	
	Bromobenzene	EPA 8260	85.2	BCL	µg/l	--	--	--	--	--	--	--	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	
	Bromochloromethane	EPA 8260	83	RSL	µg/l	--	--	--	--	--	--	--	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	
	Bromodichloromethane	EPA 8260	80	MCL	µg/l	--	--	--	--	--	--	--	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	
	Bromoform	EPA 8260	80	MCL	µg/l	--	--	--	--	--	--	--	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	
	Bromomethane	EPA 8260	8.53	BCL	µg/l	--	--	--	--	--	--	--	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	
	2-Butanone	EPA 8260	6,860	BCL	µg/l	--	--	--	--	--	--	--	<2.5	<2.5	<2.5	<2.5	2.5 UJ	<2.5	
	n-Butylbenzene	EPA 8260	238	BCL	µg/l	--	--	--	--	--	--	--	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	
	sec-Butylbenzene	EPA 8260	238	BCL	µg/l	--	--	--	--	--	--	--	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	
	Carbon tetrachloride	EPA 8260	5	BCL	µg/l	--	--	--	--	--	--	--	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	
	Chlorobenzene	EPA 8260	100	BCL	µg/l	--	--	--	--	--	--	--	<0.25	<0.25	<0.25	<0.25	0.29 J	0.61	
	Chloroethane	EPA 8260	26.9	BCL	µg/l	--	--	--	--	--	--	--	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	
	Chloroform	EPA 8260	80	MCL	µg/l	--	--	--	--	--	--	--	<0.25	<0.25	0.97	1.0	0.91	0.28 J	
	Chloromethane	EPA 8260	3.12	BCL	µg/l	--	--	--	--	--	--	--	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	
	2-Chlorotoluene	EPA 8260	90.2	BCL	µg/l	--	--	--	--	--	--	--	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	
	4-Chlorotoluene	EPA 8260	250	RSL	µg/l	--	--	--	--	--	--	--	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	
	Cumene	EPA 8260	667	BCL	µg/l	--	--	--	--	--	--	--	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	
	p-Cymene	EPA 8260	834	BCL	µg/l	--	--	--	--	--	--	--	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	
	Dibromochloromethane	EPA 8260	80	MCL	µg/l	--	--	--	--	--	--	--	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	
	1,2-Dibromoethane	EPA 8260	0.05	MCL	µg/l	--	--	--	--	--	--	--	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	
	Dibromomethane	EPA 8260	8.14	BCL	µg/l	--	--	--	--	--	--	--	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	
	1,2-Dichlorobenzene	EPA 8260	600	MCL	µg/l	--	--	--	--	--	--	--	<0.25	<0.25	3.2	3.0	5.7	6.0	
	1,3-Dichlorobenzene	EPA 8260	80.7	BCL	µg/l	--	--	--	--	--	--	--	<0.25	<0.25	0.30 J	0.31 J	0.57	1.6	
	1,4-Dichlorobenzene	EPA 8260	75	MCL	µg/l	--	--	--	--	--	--	--	<0.25	<0.25	4.2	4.1	8.3	9.4	
	Dichlorodifluoromethane	EPA 8260	393	BCL	µg/l	--	--	--	--	--	--	--	0.25 UJ	0.25 UJ	0.25 UJ	0.25 UJ	0.25 UJ	0.25 UJ	
	1,1-Dichloroethane	EPA 8260	2.79	BCL	µg/l	--	--	--	--	--	--	--	<0.25	<0.25	1.1	0.97	1.1	1.3	
	1,2-Dichloroethane	EPA 8260	5	BCL	µg/l	--	--	--	--	--	--	--	<0.25	<0.25	0.29 J	0.35 J	0.29 J	<0.25	
1,1-Dichloroethene	EPA 8260	7	MCL	µg/l	--	--	--	--	--	--	--	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25		
cis-1,2-Dichloroethene	EPA 8260	70	BCL	µg/l	--	--	--	--	--	--	--	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25		



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**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Residential Screening Levels		Unit	PC-124	PC-126	PC-127		PC-128	PC-129	PC-132	PC-134D	PC-137D	PC-151		PC-152	PC-153	
			01-22-2015	01-22-2015		01-22-2015	01-22-2015	01-23-2015	01-23-2015	01-22-2015	01-26-2015	01-26-2015	01-26-2015	01-26-2015	01-26-2015	01-26-2015	01-26-2015	01-26-2015	
			Level	Source		PC-124-20150122	PC-126-20150122	PC-127-20150122	PC-127-20150122-FD	PC-128-20150123	PC-129-20150123	PC-132-20150122	PC-134D-20150126	PC-137D-20150126	PC-151-20150126	PC-151-20150126-FD	PC-152-20150126	PC-153-20150126	
VOCs	trans-1,2-Dichloroethene	EPA 8260	100	BCL	µg/l	--	--	--	--	--	--	--	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	
	1,2-Dichloropropane	EPA 8260	5	BCL	µg/l	--	--	--	--	--	--	--	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	
	1,3-Dichloropropane	EPA 8260	8.24	BCL	µg/l	--	--	--	--	--	--	--	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	
	2,2-Dichloropropane	EPA 8260			µg/l	--	--	--	--	--	--	--	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	
	1,1-Dichloropropene	EPA 8260			µg/l	--	--	--	--	--	--	--	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	
	cis-1,3-Dichloropropene	EPA 8260			µg/l	--	--	--	--	--	--	--	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	
	trans-1,3-Dichloropropene	EPA 8260			µg/l	--	--	--	--	--	--	--	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	
	1,4-Dioxane	EPA 8260SIM	0.779	BCL	µg/l	--	--	--	--	--	--	--	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<b>0.56 J</b>
	Ethyl benzene	EPA 8260	700	MCL	µg/l	--	--	--	--	--	--	--	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	Ethyl tert-butyl ether	EPA 8260			µg/l	--	--	--	--	--	--	--	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	Hexachlorobutadiene	EPA 8260	0.999	BCL	µg/l	--	--	--	--	--	--	--	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	Methylene chloride	EPA 8260	5	BCL	µg/l	--	--	--	--	--	--	--	<0.88	<0.88	<0.88	<0.88	<0.88	<0.88	<0.88
	Naphthalene	EPA 8260	0.165	BCL	µg/l	--	--	--	--	--	--	--	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
	n-Propylbenzene	EPA 8260	238	BCL	µg/l	--	--	--	--	--	--	--	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	Styrene	EPA 8260	100	BCL	µg/l	--	--	--	--	--	--	--	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	1,1,1,2-Tetrachloroethane	EPA 8260	0.605	BCL	µg/l	--	--	--	--	--	--	--	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	1,1,2,2-Tetrachloroethane	EPA 8260	0.0775	BCL	µg/l	--	--	--	--	--	--	--	0.25 UJ	0.25 UJ	0.25 UJ	0.25 UJ	0.25 UJ	0.25 UJ	0.25 UJ
	Tetrachloroethene	EPA 8260	5	BCL	µg/l	--	--	--	--	--	--	--	<0.25	<0.25	<0.25	<0.25	<b>0.36 J</b>	<0.25	<0.25
	Toluene	EPA 8260	1,000	MCL	µg/l	--	--	--	--	--	--	--	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	1,2,3-Trichlorobenzene	EPA 8260	7	RSL	µg/l	--	--	--	--	--	--	--	<0.40	<0.40	<b>0.70 J</b>	<b>0.68 J</b>	<b>0.73 J</b>	<0.40	<0.40
	1,2,4-Trichlorobenzene	EPA 8260	70	MCL	µg/l	--	--	--	--	--	--	--	<0.40	<0.40	<b>3.7</b>	<b>3.1</b>	<b>6.6</b>	<b>7.9</b>	<0.40
	1,1,1-Trichloroethane	EPA 8260	200	MCL	µg/l	--	--	--	--	--	--	--	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	1,1,2-Trichloroethane	EPA 8260	5	BCL	µg/l	--	--	--	--	--	--	--	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	Trichloroethene	EPA 8260	5	BCL	µg/l	--	--	--	--	--	--	--	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<b>0.64</b>
	Trichlorofluoromethane	EPA 8260	1,270	BCL	µg/l	--	--	--	--	--	--	--	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
	1,2,3-Trichloropropane	EPA 8260	0.0026	BCL	µg/l	--	--	--	--	--	--	--	<0.25	<0.25	<0.25	<0.25	<0.25	0.25 UJ	<0.25
	1,2,3-Trichloropropane	EPA 8260SIM	0.0026	BCL	µg/l	--	--	--	--	--	--	--	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
	1,2,4-Trimethylbenzene	EPA 8260	14.6	BCL	µg/l	--	--	--	--	--	--	--	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
1,3,5-Trimethylbenzene	EPA 8260	14.5	BCL	µg/l	--	--	--	--	--	--	--	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	
Vinyl chloride	EPA 8260	2	BCL	µg/l	--	--	--	--	--	--	--	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	
m,p-Xylene	EPA 8260			µg/l	--	--	--	--	--	--	--	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
o-Xylene	EPA 8260	1,200	BCL	µg/l	--	--	--	--	--	--	--	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	
1,2-Dibromo-3-chloropropane	EPA 8260	0.2	MCL	µg/l	--	--	--	--	--	--	--	<0.50	<0.50	<0.50	<0.50	<0.50	0.50 UJ	<0.50	
tert-Butylbenzene	EPA 8260	238	BCL	µg/l	--	--	--	--	--	--	--	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	
General Chemistry	Alkalinity (as CaCO3)	SM 2320			µg/l	<b>74,000</b>	<b>89,000</b>	<b>95,000</b>	<b>97,000</b>	<b>79,000</b>	<b>110,000</b>	<b>210,000</b>	<b>39,000</b>	<b>35,000</b>	<b>230,000</b>	<b>230,000</b>	<b>220,000</b>	<b>190,000</b>	
	Bicarbonate as HCO3	SM 2320			mg/l	<b>90</b>	<b>110</b>	<b>120</b>	<b>120</b>	<b>96</b>	<b>140</b>	<b>260</b>	<b>48</b>	<b>42</b>	<b>280</b>	<b>280</b>	<b>260</b>	<b>240</b>	
	Bromide	EPA 300			mg/l	--	--	--	--	--	--	--	--	--	--	--	--	--	
	Calcium	EPA 200.7			mg/l	<b>940</b>	<b>800</b>	<b>570</b>	<b>560</b>	<b>560</b>	<b>550</b>	<b>350</b>	<b>500</b>	<b>500</b>	<b>260</b>	<b>280</b>	<b>220</b>	<b>230</b>	
	Carbon	EPA 5310			µg/l	<b>930 J</b>	<b>1,200</b>	<b>1,700</b>	<b>1,800</b>	<b>1,600</b>	<b>2,500</b>	<b>1,800</b>	<650	<650	<b>2,100</b>	<b>2,100</b>	<b>1,800</b>	<b>1,600</b>	
	Carbonate (CO3)	SM 2320			mg/l	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	
	Chloride	EPA 300	250	2 <sup>nd</sup> MCL	mg/l	<b>2,800</b>	<b>2,900</b>	<b>910</b>	<b>940</b>	<b>850</b>	<b>930</b>	<b>3,500</b>	<b>280 J</b>	<b>240 J</b>	<b>1,200 J</b>	<b>1,200 J</b>	<b>1,300</b>	<b>1,900 J</b>	
	Dissolved Solids (total)	SM 2540C	500	2 <sup>nd</sup> MCL	mg/l	<b>6,200</b>	<b>8,500</b>	<b>6,400</b>	<b>6,400</b>	<b>5,900</b>	<b>8,700</b>	<b>9,100</b>	<b>3,800</b>	<b>3,600</b>	<b>4,400</b>	<b>4,500</b>	<b>4,800</b>	<b>6,000</b>	
	Hydroxide	SM 2320			mg/l	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	
	Nitrate (as NO3)	EPA 300			mg/l	<b>130</b>	<b>160 J</b>	<b>89</b>	<b>100</b>	<b>100</b>	<b>100</b>	<5.0	<1.3	<1.3	<b>32</b>	<b>34</b>	<b>25</b>	<b>5.3 J</b>	
	Nitrate/Nitrite	EPA 300			µg/l	<b>29,000</b>	<b>35,000 J</b>	<b>20,000</b>	<b>22,000</b>	<b>23,000</b>	<b>24,000</b>	<1,400	<350	<350	<b>7,300</b>	<b>7,700</b>	<b>5,500</b>	<1,400	
	Nitrite	EPA 300	1	BCL	mg/l	<1.4	<1.4	<0.7	<0.7	<0.7	<0.7	<1.4	<0.35	<0.35	<0.7	<0.7	<0.7	<1.4	
	ortho-Phosphate (total) (as P)	EPA 300			mg/l	1.6 UJ	<1.6	0.8 UJ	0.8 UJ	0.8 UJ	0.8 UJ	1.6 UJ	<0.4	<0.4	<0.8	<0.8	<0.8	<1.6	
Potassium	EPA 200.7			mg/l	<b>25</b>	<b>29</b>	<b>13</b>	<b>12</b>	<b>24</b>	<b>27</b>	<b>42</b>	<b>30</b>	<b>56</b>	<b>28</b>	<b>29</b>	<b>32</b>	<b>36</b>		

**TABLE B-2. GROUNDWATER ANALYTICAL RESULTS IN OFF-SITE WELLS**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Residential Screening Levels		Unit	PC-124	PC-126	PC-127		PC-128	PC-129	PC-132	PC-134D	PC-137D	PC-151		PC-152	PC-153
			01-22-2015	01-22-2015		01-22-2015	01-22-2015	01-23-2015	01-23-2015	01-22-2015	01-26-2015	01-26-2015	01-26-2015	01-26-2015	01-26-2015	01-26-2015	01-26-2015	01-26-2015
			Level	Source		PC-124-20150122	PC-126-20150122	PC-127-20150122	PC-127-20150122-FD	PC-128-20150123	PC-129-20150123	PC-132-20150122	PC-134D-20150126	PC-137D-20150126	PC-151-20150126	PC-151-20150126-FD	PC-152-20150126	PC-153-20150126
General Chemistry	Sodium	EPA 200.7			mg/l	<b>1,300</b>	<b>1,700</b>	<b>1,000</b>	<b>950</b>	<b>1,000</b>	<b>1,000</b>	<b>2,800</b>	<b>300</b>	<b>290</b>	<b>860</b>	<b>940</b>	<b>1,000</b>	<b>1,600</b>
	Sulfate	EPA 300			mg/l	<b>2,000</b>	<b>1,900</b>	<b>2,000</b>	<b>2,100</b>	<b>2,100</b>	<b>1,500</b>	<b>1,600</b>	<b>2,000</b>	<b>2,200</b>	<b>1,300</b>	<b>1,400</b>	<b>1,400</b>	<b>1,500</b>
	Sulfide (total)	EPA 9034			mg/l	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	<1.0	1.0 UJ
	pH	EPA 9040C			s.u.	--	--	--	--	--	--	--	--	--	--	--	--	--

**Notes:**

ft bgs: feet below ground surface

FD: Field Duplicate

GW: Groundwater

Above Screen

**bold value:** detection

Groundwater screening levels were selected according to the following hierarchy of criteria:

1. Maximum Contaminant Level (MCL): Primary United States Environmental Protections Agency (USEPA) maximum contaminant level (40 CFR Part 141).
2. Basic Contaminant Level (BCL): Residential water basic comparison levels in NDEP February 2015 BCL Spreadsheet or Target Water Activities for radionuclides (NDEP 2015).
3. Regional Screening Level (RSL): Tap water regional screening levels in USEPA Pacific Southwest, Region 9, Regional Screening Levels Chemical Specific Parameters table, June 2015. The screening levels were selected as the minimal values of carcinogenic screening level and noncarcinogenic screening level (USEPA 2015).
4. 2<sup>nd</sup> Maximum Contaminant Level (2<sup>nd</sup> MCL): National Secondary Drinking Water Regulations (40 CFR Part 143).

**Sources:**

NDEP, 2015. User's Guide and Background Technical Document for NDEP Basic

Comparison Levels (BCLs) for Human Health for the BMI Complex and Common Areas. Revision 13, February.

USEPA, 2015. Regional Screening Levels (RSL) for Chemical Contaminants at Superfund Sites. June.

USEPA. National Primary Drinking Water Regulations. Code of Federal Regulations, 40 CFR Part 141.

USEPA. National Secondary Drinking Water Regulations. Code of Federal Regulations, 40 CFR Part 143.

**TABLE B-2. GROUNDWATER ANALYICAL RESULTS IN OFF-SITE WELLS**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Residential Screening Levels		Unit	PC-154		PC-155A	PC-155B	PC-156A	PC-156B	PC-157A	PC-157B	PC-158			PC-159			
			Level	Source		01-23-2015	03-12-2015	05-06-2015	05-06-2015	05-06-2015	05-06-2015	05-06-2015	05-06-2015	05-06-2015	05-06-2015	01-23-2015	03-12-2015	03-12-2015	01-23-2015	03-11-2015
						PC-154-20150123	PC-154-20150312	PC-155A-20150506	PC-155B-20150506	PC-156A-20150506	PC-156B-20150506	PC-157A-20150506	PC-157B-20150506	PC-158-20150123	PC-158-20150312	PC-158-20150312-FD	PC-159-20150123	PC-159-20150311		
Chlorates	Chlorate	EPA 300.1	1,000	BCL	µg/l	6,200	6,200	420	430	19 J	66	<20	380	6,500	--	--	3,900	4,500		
	Perchlorate	EPA 314.0	18	BCL	µg/l	39,000	45,000	3,400	3,300	470	1,300	1,300	3,300	41,000	49,000	49,000	34,000	41,000		
Common Metals	Aluminum	EPA 200.7	0.05	BCL	mg/l	0.053 J	--	<0.025	0.052	<0.025	<0.025	<0.025	<0.025	0.066 J	--	--	0.078 J	--		
	Antimony	EPA 200.8	0.006	MCL	mg/l	<0.00050	--	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	--	--	<0.00050	--		
	Arsenic	EPA 200.8	0.01	MCL	mg/l	0.087	--	0.07	0.071	0.1	0.11	0.12	0.077	0.11	--	--	0.12	--		
	Barium	EPA 200.7	2	MCL	mg/l	0.023	--	0.015	0.013	0.026	0.019	0.041	0.014	0.023	--	--	0.023	--		
	Cadmium	EPA 200.7	0.005	MCL	mg/l	<0.0020	--	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	--	--	<0.0020	--		
	Chromium (total)	EPA 200.7	0.1	MCL	mg/l	0.0031 J	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025		
	Cobalt	EPA 200.7	0.01	BCL	mg/l	<0.0025	--	0.0051 J	0.0036 J	0.0033 J	0.0045 J	<0.0025	0.0052 J	<0.0025	--	--	<0.0025	--		
	Copper	EPA 200.7	1.3	MCL	mg/l	<0.0050	--	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	0.012	--	--	<0.0050	--		
	Iron	EPA 200.7	0.3	BCL	mg/l	<0.010	--	0.016 J	<0.010	<0.010	0.018 J	0.066	0.048	0.038 J	--	--	<0.010	--		
	Lead	EPA 200.7	0.015	MCL	mg/l	0.0025 UJ	--	0.0038 J	0.0034 J	<0.0025	<0.0025	<0.0025	<0.0025	0.0025 UJ	--	--	0.0025 UJ	--		
	Magnesium	EPA 200.7	189	BCL	mg/l	220	--	150	140	72	61	90	140	160	--	--	120	--		
	Manganese	EPA 200.7	0.02	BCL	mg/l	0.064	--	1.5	1.3	0.60	0.70	0.16	1.5	<0.010	--	--	0.14	--		
	Mercury	EPA 7470	0.002	BCL	mg/l	<0.00010 R	--	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	0.00021	<0.00010 R	--	--	<0.00010 R	--		
Nickel	EPA 200.7	0.667	BCL	mg/l	<0.0050	--	0.017	0.013	0.020	0.021	0.019	0.019	0.012	--	--	<0.0050	--			
Zinc	EPA 200.7	10	BCL	mg/l	0.010 J	--	0.011 J	<0.010	<0.010	0.010 J	<0.010	<0.010	0.011 J	--	--	0.010 J	--			
Hexavalent Chromium	Chromium VI	EPA 218.6	100	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--		
Rare Metals	Vanadium	EPA 200.7	0.167	BCL	mg/l	0.080	--	0.029	0.030	0.081	0.037	0.073	0.032	0.16	--	--	0.20	--		
VOCs	Benzene	EPA 8260	5	BCL	µg/l	<0.25	--	--	--	--	--	--	--	<0.25	--	--	<0.25	--		
	Bromobenzene	EPA 8260	85.2	BCL	µg/l	<0.25	--	--	--	--	--	--	--	<0.25	--	--	<0.25	--		
	Bromochloromethane	EPA 8260	83	RSL	µg/l	<0.25	--	--	--	--	--	--	--	<0.25	--	--	<0.25	--		
	Bromodichloromethane	EPA 8260	80	MCL	µg/l	<0.25	--	--	--	--	--	--	--	<0.25	--	--	<0.25	--		
	Bromoform	EPA 8260	80	MCL	µg/l	<0.40	--	--	--	--	--	--	--	<0.40	--	--	<0.40	--		
	Bromomethane	EPA 8260	8.53	BCL	µg/l	<0.25	--	--	--	--	--	--	--	<0.25	--	--	<0.25	--		
	2-Butanone	EPA 8260	6,860	BCL	µg/l	2.5 UJ	--	--	--	--	--	--	--	2.5 UJ	--	--	2.5 UJ	--		
	n-Butylbenzene	EPA 8260	238	BCL	µg/l	<0.40	--	--	--	--	--	--	--	<0.40	--	--	<0.40	--		
	sec-Butylbenzene	EPA 8260	238	BCL	µg/l	<0.25	--	--	--	--	--	--	--	<0.25	--	--	<0.25	--		
	Carbon tetrachloride	EPA 8260	5	BCL	µg/l	<0.25	--	--	--	--	--	--	--	<0.25	--	--	<0.25	--		
	Chlorobenzene	EPA 8260	100	BCL	µg/l	<0.25	--	--	--	--	--	--	--	<0.25	--	--	<0.25	--		
	Chloroethane	EPA 8260	26.9	BCL	µg/l	<0.40	--	--	--	--	--	--	--	<0.40	--	--	<0.40	--		
	Chloroform	EPA 8260	80	MCL	µg/l	1.0	--	--	--	--	--	--	--	0.80	--	--	0.70	--		
	Chloromethane	EPA 8260	3.12	BCL	µg/l	<0.25	--	--	--	--	--	--	--	<0.25	--	--	<0.25	--		
	2-Chlorotoluene	EPA 8260	90.2	BCL	µg/l	<0.25	--	--	--	--	--	--	--	<0.25	--	--	<0.25	--		
	4-Chlorotoluene	EPA 8260	250	RSL	µg/l	<0.25	--	--	--	--	--	--	--	<0.25	--	--	<0.25	--		
	Cumene	EPA 8260	667	BCL	µg/l	<0.25	--	--	--	--	--	--	--	<0.25	--	--	<0.25	--		
	p-Cymene	EPA 8260	834	BCL	µg/l	<0.25	--	--	--	--	--	--	--	<0.25	--	--	<0.25	--		
	Dibromochloromethane	EPA 8260	80	MCL	µg/l	<0.25	--	--	--	--	--	--	--	<0.25	--	--	<0.25	--		
	1,2-Dibromoethane	EPA 8260	0.05	MCL	µg/l	<0.25	--	--	--	--	--	--	--	<0.25	--	--	<0.25	--		
	Dibromomethane	EPA 8260	8.14	BCL	µg/l	<0.25	--	--	--	--	--	--	--	<0.25	--	--	<0.25	--		
	1,2-Dichlorobenzene	EPA 8260	600	MCL	µg/l	<0.25	--	--	--	--	--	--	--	<0.25	--	--	0.95	--		
	1,3-Dichlorobenzene	EPA 8260	80.7	BCL	µg/l	<0.25	--	--	--	--	--	--	--	<0.25	--	--	0.40 J	--		
	1,4-Dichlorobenzene	EPA 8260	75	MCL	µg/l	0.25 J	--	--	--	--	--	--	--	<0.25	--	--	1.3	--		
	Dichlorodifluoromethane	EPA 8260	393	BCL	µg/l	0.25 UJ	--	--	--	--	--	--	--	0.25 UJ	--	--	0.25 UJ	--		
	1,1-Dichloroethane	EPA 8260	2.79	BCL	µg/l	1.5	--	--	--	--	--	--	--	3.4	--	--	2.0	--		
	1,2-Dichloroethane	EPA 8260	5	BCL	µg/l	<0.25	--	--	--	--	--	--	--	<0.25	--	--	0.30 J	--		
1,1-Dichloroethene	EPA 8260	7	MCL	µg/l	<0.25	--	--	--	--	--	--	--	<0.25	--	--	<0.25	--			
cis-1,2-Dichloroethene	EPA 8260	70	BCL	µg/l	<0.25	--	--	--	--	--	--	--	<0.25	--	--	<0.25	--			

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**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Residential Screening Levels		Unit	PC-154		PC-155A	PC-155B	PC-156A	PC-156B	PC-157A	PC-157B	PC-158			PC-159		
			Level	Source		01-23-2015	03-12-2015	05-06-2015	05-06-2015	05-06-2015	05-06-2015	05-06-2015	05-06-2015	05-06-2015	01-23-2015	03-12-2015	03-12-2015	01-23-2015	03-11-2015
						PC-154-20150123	PC-154-20150312	PC-155A-20150506	PC-155B-20150506	PC-156A-20150506	PC-156B-20150506	PC-157A-20150506	PC-157B-20150506	PC-158-20150123	PC-158-20150312	PC-158-20150312-FD	PC-159-20150123	PC-159-20150311	
VOCs	trans-1,2-Dichloroethene	EPA 8260	100	BCL	µg/l	<0.25	--	--	--	--	--	--	--	--	--	<0.25	--	<0.25	--
	1,2-Dichloropropane	EPA 8260	5	BCL	µg/l	<0.25	--	--	--	--	--	--	--	--	--	<0.25	--	<0.25	--
	1,3-Dichloropropane	EPA 8260	8.24	BCL	µg/l	<0.25	--	--	--	--	--	--	--	--	--	<0.25	--	<0.25	--
	2,2-Dichloropropane	EPA 8260			µg/l	<0.40	--	--	--	--	--	--	--	--	--	<0.40	--	<0.40	--
	1,1-Dichloropropene	EPA 8260			µg/l	<0.25	--	--	--	--	--	--	--	--	--	<0.25	--	<0.25	--
	cis-1,3-Dichloropropene	EPA 8260			µg/l	<0.25	--	--	--	--	--	--	--	--	--	<0.25	--	<0.25	--
	trans-1,3-Dichloropropene	EPA 8260			µg/l	<0.25	--	--	--	--	--	--	--	--	--	<0.25	--	<0.25	--
	1,4-Dioxane	EPA 8260SIM	0.779	BCL	µg/l	<0.50	--	--	--	--	--	--	--	--	--	<0.50	--	<0.50	--
	Ethyl benzene	EPA 8260	700	MCL	µg/l	<0.25	--	--	--	--	--	--	--	--	--	<0.25	--	<0.25	--
	Ethyl tert-butyl ether	EPA 8260			µg/l	<0.25	--	--	--	--	--	--	--	--	--	<0.25	--	<0.25	--
	Hexachlorobutadiene	EPA 8260	0.999	BCL	µg/l	<0.25	--	--	--	--	--	--	--	--	--	<0.25	--	<0.25	--
	Methylene chloride	EPA 8260	5	BCL	µg/l	<0.88	--	--	--	--	--	--	--	--	--	<0.88	--	<0.88	--
	Naphthalene	EPA 8260	0.165	BCL	µg/l	<0.40	--	--	--	--	--	--	--	--	--	<0.40	--	<0.40	--
	n-Propylbenzene	EPA 8260	238	BCL	µg/l	<0.25	--	--	--	--	--	--	--	--	--	<0.25	--	<0.25	--
	Styrene	EPA 8260	100	BCL	µg/l	<0.25	--	--	--	--	--	--	--	--	--	<0.25	--	<0.25	--
	1,1,1,2-Tetrachloroethane	EPA 8260	0.605	BCL	µg/l	<0.25	--	--	--	--	--	--	--	--	--	<0.25	--	<0.25	--
	1,1,2,2-Tetrachloroethane	EPA 8260	0.0775	BCL	µg/l	0.25 UJ	--	--	--	--	--	--	--	--	--	0.25 UJ	--	0.25 UJ	--
	Tetrachloroethene	EPA 8260	5	BCL	µg/l	<0.25	--	--	--	--	--	--	--	--	--	<b>0.35 J</b>	--	<0.25	--
	Toluene	EPA 8260	1,000	MCL	µg/l	<0.25	--	--	--	--	--	--	--	--	--	<0.25	--	<0.25	--
	1,2,3-Trichlorobenzene	EPA 8260	7	RSL	µg/l	<0.40	--	--	--	--	--	--	--	--	--	<0.40	--	<b>0.68 J</b>	--
	1,2,4-Trichlorobenzene	EPA 8260	70	MCL	µg/l	<0.40	--	--	--	--	--	--	--	--	--	<0.40	--	<b>1.8</b>	--
	1,1,1-Trichloroethane	EPA 8260	200	MCL	µg/l	<0.25	--	--	--	--	--	--	--	--	--	<0.25	--	<0.25	--
	1,1,2-Trichloroethane	EPA 8260	5	BCL	µg/l	<0.25	--	--	--	--	--	--	--	--	--	<0.25	--	<0.25	--
	Trichloroethene	EPA 8260	5	BCL	µg/l	<0.25	--	--	--	--	--	--	--	--	--	<0.25	--	<b>0.31 J</b>	--
	Trichlorofluoromethane	EPA 8260	1,270	BCL	µg/l	<0.25	--	--	--	--	--	--	--	--	--	<0.25	--	<0.25	--
	1,2,3-Trichloropropane	EPA 8260	0.0026	BCL	µg/l	0.25 UJ	--	--	--	--	--	--	--	--	--	0.25 UJ	--	0.25 UJ	--
	1,2,3-Trichloropropane	EPA 8260SIM	0.0026	BCL	µg/l	<0.0025	--	--	--	--	--	--	--	--	--	<0.0025	--	<0.0025	--
	1,2,4-Trimethylbenzene	EPA 8260	14.6	BCL	µg/l	<0.25	--	--	--	--	--	--	--	--	--	<0.25	--	<0.25	--
1,3,5-Trimethylbenzene	EPA 8260	14.5	BCL	µg/l	<0.25	--	--	--	--	--	--	--	--	--	<0.25	--	<0.25	--	
Vinyl chloride	EPA 8260	2	BCL	µg/l	<0.25	--	--	--	--	--	--	--	--	--	<0.25	--	<0.25	--	
m,p-Xylene	EPA 8260			µg/l	<0.50	--	--	--	--	--	--	--	--	--	<0.50	--	<0.50	--	
o-Xylene	EPA 8260	1,200	BCL	µg/l	<0.25	--	--	--	--	--	--	--	--	--	<0.25	--	<0.25	--	
1,2-Dibromo-3-chloropropane	EPA 8260	0.2	MCL	µg/l	0.50 UJ	--	--	--	--	--	--	--	--	--	0.50 UJ	--	0.50 UJ	--	
tert-Butylbenzene	EPA 8260	238	BCL	µg/l	<0.25	--	--	--	--	--	--	--	--	--	<0.25	--	<0.25	--	
General Chemistry	Alkalinity (as CaCO3)	SM 2320			µg/l	<b>200,000</b>	--	<b>180,000</b>	<b>180,000</b>	<b>290,000</b>	<b>270,000</b>	<b>290,000</b>	<b>180,000</b>	<b>250,000</b>	--	--	<b>230,000</b>	--	
	Bicarbonate as HCO3	SM 2320			mg/l	<b>250</b>	--	<b>220</b>	<b>220</b>	<b>350</b>	<b>330</b>	<b>350</b>	<b>220</b>	<b>310</b>	--	--	<b>280</b>	--	
	Bromide	EPA 300			mg/l	--	--	<2.5	<b>4.1</b>	<b>2.4</b>	<b>2.9</b>	<2.5	<2.5	--	--	--	--	--	
	Calcium	EPA 200.7			mg/l	<b>440</b>	--	<b>370</b>	<b>340</b>	<b>200</b>	<b>150</b>	<b>220</b>	<b>350</b>	<b>300</b>	--	--	<b>240</b>	--	
	Carbon	EPA 5310			µg/l	<b>3,100</b>	--	<b>1,800</b>	<b>1,800</b>	<b>2,700</b>	<b>2,600</b>	<b>2,600</b>	<b>1,900</b>	<b>2,800</b>	--	--	<b>2,000</b>	--	
	Carbonate (CO3)	SM 2320			mg/l	<2.4	--	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	--	--	<2.4	--	
	Chloride	EPA 300	250	2 <sup>nd</sup> MCL	mg/l	<b>1,100</b>	--	<b>660</b>	<b>660</b>	<b>610</b>	<b>650</b>	<b>580</b>	<b>600</b>	<b>1,300</b>	--	--	<b>1,400</b>	--	
	Dissolved Solids (total)	SM 2540C	500	2 <sup>nd</sup> MCL	mg/l	<b>5,700</b>	<b>5,700</b>	<b>3,600</b>	<b>3,600</b>	<b>2,200</b>	<b>2,400</b>	<b>2,500</b>	<b>3,500</b>	<b>5,500</b>	<b>5,600</b>	<b>5,800</b>	<b>5,600</b>	<b>5,500</b>	
	Hydroxide	SM 2320			mg/l	<1.4	--	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	--	--	<1.4	--	
	Nitrate (as NO3)	EPA 300			mg/l	<b>52</b>	--	<b>16 J</b>	<b>18 J</b>	<b>1.0 J</b>	<b>2.2 J</b>	<2.5	<b>15 J</b>	<b>45</b>	--	--	<b>34</b>	--	
	Nitrate/Nitrite	EPA 300			µg/l	<b>12,000</b>	--	<b>3,700 J</b>	<b>4,000 J</b>	<b>220 J</b>	<b>490 J</b>	<700	<b>3,400 J</b>	<b>10,000</b>	--	--	<b>7,700</b>	--	
	Nitrite	EPA 300	1	BCL	mg/l	<0.7	--	<0.7	<0.7	<0.14	<0.35	<0.7	<0.7	<1.4	--	--	<1.4	--	
	ortho-Phosphate (total) (as P)	EPA 300			mg/l	<0.8	--	<0.8	<0.8	<0.16	<0.4	<0.8	<0.8	<1.6	--	--	<1.6	--	
Potassium	EPA 200.7			mg/l	<b>38</b>	--	<b>28</b>	<b>29</b>	<b>24</b>	<b>29</b>	<b>27</b>	<b>31</b>	<b>33</b>	--	--	<b>33</b>	--		

**TABLE B-2. GROUNDWATER ANALYTICAL RESULTS IN OFF-SITE WELLS**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Residential Screening Levels		Unit	PC-154		PC-155A	PC-155B	PC-156A	PC-156B	PC-157A	PC-157B	PC-158			PC-159		
			Level	Source		01-23-2015	03-12-2015	05-06-2015	05-06-2015	05-06-2015	05-06-2015	05-06-2015	05-06-2015	05-06-2015	01-23-2015	03-12-2015	03-12-2015	01-23-2015	03-11-2015
						PC-154-20150123	PC-154-20150312	PC-155A-20150506	PC-155B-20150506	PC-156A-20150506	PC-156B-20150506	PC-157A-20150506	PC-157B-20150506	PC-158-20150123	PC-158-20150312	PC-158-20150312-FD	PC-159-20150123	PC-159-20150311	
General Chemistry	Sodium	EPA 200.7			mg/l	<b>1,100</b>	--	<b>580</b>	<b>550</b>	<b>500</b>	<b>660</b>	<b>560</b>	<b>610</b>	<b>1,200</b>	--	--	<b>1,400</b>	--	
	Sulfate	EPA 300			mg/l	<b>2,000</b>	--	<b>1,500</b>	<b>1,400</b>	<b>890</b>	<b>980</b>	<b>910</b>	<b>1,300</b>	<b>1,700</b>	--	--	<b>1,500</b>	--	
	Sulfide (total)	EPA 9034			mg/l	<1.0	--	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<1.0	--	--	<1.0	--	
	pH	EPA 9040C			s.u.	--	<b>7.4 J</b>	--	--	--	--	--	--	--	<b>7.6 J</b>	<b>7.5 J</b>	--	<b>7.5 J</b>	

**Notes:**

ft bgs: feet below ground surface

FD: Field Duplicate

GW: Groundwater

Above Screen

**bold value:** detection

Groundwater screening levels were selected according to the following hierarchy of criteria:

1. Maximum Contaminant Level (MCL): Primary United States Environmental Protections Agency (USEPA) maximum contaminant level (40 CFR Part 141).
2. Basic Contaminant Level (BCL): Residential water basic comparison levels in NDEP February 2015 BCL Spreadsheet or Target Water Activities for radionuclides (NDEP 2015).
3. Regional Screening Level (RSL): Tap water regional screening levels in USEPA Pacific Southwest, Region 9, Regional Screening Levels Chemical Specific Parameters table, June 2015. The screening levels were selected as the minimal values of carcinogenic screening level and noncarcinogenic screening level (USEPA 2015).
4. 2<sup>nd</sup> Maximum Contaminant Level (2<sup>nd</sup> MCL): National Secondary Drinking Water Regulations (40 CFR Part 143).

**Sources:**

NDEP, 2015. User's Guide and Background Technical Document for NDEP Basic

Comparison Levels (BCLs) for Human Health for the BMI Complex and Common Areas. Revision 13, February.

USEPA, 2015. Regional Screening Levels (RSL) for Chemical Contaminants at Superfund Sites. June.

USEPA. National Primary Drinking Water Regulations. Code of Federal Regulations, 40 CFR Part 141.

USEPA. National Secondary Drinking Water Regulations. Code of Federal Regulations, 40 CFR Part 143.

**TABLE B-2. GROUNDWATER ANALYICAL RESULTS IN OFF-SITE WELLS**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Residential Screening Levels		Unit	PC-160		PC-2	PC-21A		PC-24	PC-28		PC-4	PC-40	PC-50	PC-53	PC-54
			Level	Source		01-26-2015	03-12-2015	01-22-2015	01-12-2015	01-12-2015	01-14-2015	01-14-2015	01-14-2015	01-22-2015	01-13-2015	01-23-2015	01-21-2015	01-13-2015
						PC-160-20150126	PC-160-20150312	PC-2-20150122	PC-21A-20150112	PC-21A-20150112-FD	PC-24-20150114	PC-28-20150114	PC-28-20150114-FD	PC-4-20150122	PC-40-20150113	PC-50-20150123	PC-53-20150121	PC-54-20150113
Chlorates	Chlorate	EPA 300.1	1,000	BCL	µg/l	2,500	--	--	300,000	290,000	130,000	240,000	240,000	--	<200	--	--	710,000
	Perchlorate	EPA 314.0	18	BCL	µg/l	34,000	37,000	--	2,400	2,400	16,000	200,000	210,000	--	360	--	--	260,000
Common Metals	Aluminum	EPA 200.7	0.05	BCL	mg/l	0.069	--	0.040 J	<0.050	<0.050	<0.025	<0.025	<0.025	0.039 J	0.033 J	<0.13	<0.025	<0.025
	Antimony	EPA 200.8	0.006	MCL	mg/l	<0.00050	--	<0.00050	<0.00050	<0.00050	<0.00050	0.00050 UJ	0.00051 J	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050
	Arsenic	EPA 200.8	0.01	MCL	mg/l	0.11	--	0.093	0.1	0.11	0.079	0.21	0.22	0.073	0.19	0.14	0.081	0.13
	Barium	EPA 200.7	2	MCL	mg/l	0.022	--	0.011	0.016 J	0.016 J	0.017	0.012	0.011	0.012	0.041	0.032 J	0.014	0.021
	Cadmium	EPA 200.7	0.005	MCL	mg/l	<0.010	--	<0.0020	<0.0040	<0.0040	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.010	<0.0020	<0.0020
	Chromium (total)	EPA 200.7	0.1	MCL	mg/l	<0.0025	<0.0025	0.0085	0.19	0.19	0.15	0.42	0.39	0.082	<0.0025	0.083	0.098	1.9
	Cobalt	EPA 200.7	0.01	BCL	mg/l	<0.0025	--	<0.0025	<0.0050	<0.0050	<0.0025	<0.0025	<0.0025	<0.0025	0.0037 J	<0.013	<0.0025	<0.0025
	Copper	EPA 200.7	1.3	MCL	mg/l	<0.0050	--	<0.0050	<0.010	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050
	Iron	EPA 200.7	0.3	BCL	mg/l	0.010 J	--	<0.010	<0.020	<0.020	<0.010	<0.010	<0.010	<0.010	0.075	<0.050	<0.010	1.2
	Lead	EPA 200.7	0.015	MCL	mg/l	<0.0025	--	<0.0025	<0.0050	<0.0050	0.0049 J	0.0025 UJ	0.0047 J	<0.0025	<0.0025	0.013 UJ	<0.0025	<0.0025
	Magnesium	EPA 200.7	189	BCL	mg/l	110	--	240	420	440	170	130	130	350	370	280	190	170
	Manganese	EPA 200.7	0.02	BCL	mg/l	0.41	--	<0.010	<0.020	<0.020	<0.010	<0.010	<0.010	<0.010	1.9	1.1	<0.010	0.029
	Mercury	EPA 7470	0.002	BCL	mg/l	<0.00050 R	--	<0.00010 R	0.00010 UJ	0.00010 UJ	<0.00010	<0.00010	<0.00010	<0.00010 R	0.00010 UJ	<0.00010 R	<0.00010 R	0.00010 UJ
Nickel	EPA 200.7	0.667	BCL	mg/l	<0.0050	--	<0.0050	<0.010	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	0.0056 J	<0.025	<0.0050	0.0057 J	
Zinc	EPA 200.7	10	BCL	mg/l	<0.010	--	0.012 J	<0.020	<0.020	<0.010	<0.010	<0.010	<0.010	0.015 J	<0.050	0.016 J	0.023	
Hexavalent Chromium	Chromium VI	EPA 218.6	100	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
Rare Metals	Vanadium	EPA 200.7	0.167	BCL	mg/l	0.16	--	0.036	0.049	0.049	0.037	0.13	0.13	0.030	0.058	0.10	0.040	0.083
VOCs	Benzene	EPA 8260	5	BCL	µg/l	<0.25	--	--	--	--	--	--	--	--	--	--	--	--
	Bromobenzene	EPA 8260	85.2	BCL	µg/l	<0.25	--	--	--	--	--	--	--	--	--	--	--	--
	Bromochloromethane	EPA 8260	83	RSL	µg/l	<0.25	--	--	--	--	--	--	--	--	--	--	--	--
	Bromodichloromethane	EPA 8260	80	MCL	µg/l	<0.25	--	--	--	--	--	--	--	--	--	--	--	--
	Bromoform	EPA 8260	80	MCL	µg/l	<0.40	--	--	--	--	--	--	--	--	--	--	--	--
	Bromomethane	EPA 8260	8.53	BCL	µg/l	<0.25	--	--	--	--	--	--	--	--	--	--	--	--
	2-Butanone	EPA 8260	6,860	BCL	µg/l	<2.5	--	--	--	--	--	--	--	--	--	--	--	--
	n-Butylbenzene	EPA 8260	238	BCL	µg/l	<0.40	--	--	--	--	--	--	--	--	--	--	--	--
	sec-Butylbenzene	EPA 8260	238	BCL	µg/l	<0.25	--	--	--	--	--	--	--	--	--	--	--	--
	Carbon tetrachloride	EPA 8260	5	BCL	µg/l	<0.25	--	--	--	--	--	--	--	--	--	--	--	--
	Chlorobenzene	EPA 8260	100	BCL	µg/l	<0.25	--	--	--	--	--	--	--	--	--	--	--	--
	Chloroethane	EPA 8260	26.9	BCL	µg/l	<0.40	--	--	--	--	--	--	--	--	--	--	--	--
	Chloroform	EPA 8260	80	MCL	µg/l	0.79	--	--	180	180	390	80	79	--	0.96 J	--	--	3.5
	Chloromethane	EPA 8260	3.12	BCL	µg/l	<0.25	--	--	--	--	--	--	--	--	--	--	--	--
	2-Chlorotoluene	EPA 8260	90.2	BCL	µg/l	<0.25	--	--	--	--	--	--	--	--	--	--	--	--
	4-Chlorotoluene	EPA 8260	250	RSL	µg/l	<0.25	--	--	--	--	--	--	--	--	--	--	--	--
	Cumene	EPA 8260	667	BCL	µg/l	<0.25	--	--	--	--	--	--	--	--	--	--	--	--
	p-Cymene	EPA 8260	834	BCL	µg/l	<0.25	--	--	--	--	--	--	--	--	--	--	--	--
	Dibromochloromethane	EPA 8260	80	MCL	µg/l	<0.25	--	--	--	--	--	--	--	--	--	--	--	--
	1,2-Dibromoethane	EPA 8260	0.05	MCL	µg/l	<0.25	--	--	--	--	--	--	--	--	--	--	--	--
	Dibromomethane	EPA 8260	8.14	BCL	µg/l	<0.25	--	--	--	--	--	--	--	--	--	--	--	--
	1,2-Dichlorobenzene	EPA 8260	600	MCL	µg/l	10	--	--	--	--	--	--	--	--	--	--	--	--
	1,3-Dichlorobenzene	EPA 8260	80.7	BCL	µg/l	1.1	--	--	--	--	--	--	--	--	--	--	--	--
	1,4-Dichlorobenzene	EPA 8260	75	MCL	µg/l	15	--	--	--	--	--	--	--	--	--	--	--	--
	Dichlorodifluoromethane	EPA 8260	393	BCL	µg/l	0.25 UJ	--	--	--	--	--	--	--	--	--	--	--	--
	1,1-Dichloroethane	EPA 8260	2.79	BCL	µg/l	2.2	--	--	--	--	--	--	--	--	--	--	--	--
	1,2-Dichloroethane	EPA 8260	5	BCL	µg/l	0.53	--	--	--	--	--	--	--	--	--	--	--	--
1,1-Dichloroethene	EPA 8260	7	MCL	µg/l	<0.25	--	--	--	--	--	--	--	--	--	--	--	--	
cis-1,2-Dichloroethene	EPA 8260	70	BCL	µg/l	<0.25	--	--	--	--	--	--	--	--	--	--	--	--	



**TABLE B-2. GROUNDWATER ANALYICAL RESULTS IN OFF-SITE WELLS**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Residential Screening Levels		Unit	PC-160		PC-2	PC-21A		PC-24	PC-28		PC-4	PC-40	PC-50	PC-53	PC-54
			Level	Source		01-26-2015	03-12-2015	01-22-2015	01-12-2015	01-12-2015	01-14-2015	01-14-2015	01-14-2015	01-22-2015	01-13-2015	01-23-2015	01-21-2015	01-13-2015
						PC-160-20150126	PC-160-20150312	PC-2-20150122	PC-21A-20150112	PC-21A-20150112-FD	PC-24-20150114	PC-28-20150114	PC-28-20150114-FD	PC-4-20150122	PC-40-20150113	PC-50-20150123	PC-53-20150121	PC-54-20150113
VOCs	trans-1,2-Dichloroethene	EPA 8260	100	BCL	µg/l	<0.25	--	--	--	--	--	--	--	--	--	--	--	--
	1,2-Dichloropropane	EPA 8260	5	BCL	µg/l	<0.25	--	--	--	--	--	--	--	--	--	--	--	--
	1,3-Dichloropropane	EPA 8260	8.24	BCL	µg/l	<0.25	--	--	--	--	--	--	--	--	--	--	--	--
	2,2-Dichloropropane	EPA 8260			µg/l	<0.40	--	--	--	--	--	--	--	--	--	--	--	--
	1,1-Dichloropropene	EPA 8260			µg/l	<0.25	--	--	--	--	--	--	--	--	--	--	--	--
	cis-1,3-Dichloropropene	EPA 8260			µg/l	<0.25	--	--	--	--	--	--	--	--	--	--	--	--
	trans-1,3-Dichloropropene	EPA 8260			µg/l	<0.25	--	--	--	--	--	--	--	--	--	--	--	--
	1,4-Dioxane	EPA 8260SIM	0.779	BCL	µg/l	<b>0.50 J</b>	--	--	--	--	--	--	--	--	--	--	--	--
	Ethyl benzene	EPA 8260	700	MCL	µg/l	<0.25	--	--	--	--	--	--	--	--	--	--	--	--
	Ethyl tert-butyl ether	EPA 8260			µg/l	<0.25	--	--	--	--	--	--	--	--	--	--	--	--
	Hexachlorobutadiene	EPA 8260	0.999	BCL	µg/l	<0.25	--	--	--	--	--	--	--	--	--	--	--	--
	Methylene chloride	EPA 8260	5	BCL	µg/l	<0.88	--	--	--	--	--	--	--	--	--	--	--	--
	Naphthalene	EPA 8260	0.165	BCL	µg/l	<0.40	--	--	--	--	--	--	--	--	--	--	--	--
	n-Propylbenzene	EPA 8260	238	BCL	µg/l	<0.25	--	--	--	--	--	--	--	--	--	--	--	--
	Styrene	EPA 8260	100	BCL	µg/l	<0.25	--	--	--	--	--	--	--	--	--	--	--	--
	1,1,1,2-Tetrachloroethane	EPA 8260	0.605	BCL	µg/l	<0.25	--	--	--	--	--	--	--	--	--	--	--	--
	1,1,2,2-Tetrachloroethane	EPA 8260	0.0775	BCL	µg/l	0.25 UJ	--	--	--	--	--	--	--	--	--	--	--	--
	Tetrachloroethene	EPA 8260	5	BCL	µg/l	<b>0.33 J</b>	--	--	--	--	--	--	--	--	--	--	--	--
	Toluene	EPA 8260	1,000	MCL	µg/l	<0.25	--	--	--	--	--	--	--	--	--	--	--	--
	1,2,3-Trichlorobenzene	EPA 8260	7	RSL	µg/l	<b>0.72 J</b>	--	--	--	--	--	--	--	--	--	--	--	--
	1,2,4-Trichlorobenzene	EPA 8260	70	MCL	µg/l	<b>9.4</b>	--	--	--	--	--	--	--	--	--	--	--	--
	1,1,1-Trichloroethane	EPA 8260	200	MCL	µg/l	<0.25	--	--	--	--	--	--	--	--	--	--	--	--
	1,1,2-Trichloroethane	EPA 8260	5	BCL	µg/l	<0.25	--	--	--	--	--	--	--	--	--	--	--	--
	Trichloroethene	EPA 8260	5	BCL	µg/l	<b>0.33 J</b>	--	--	--	--	--	--	--	--	--	--	--	--
	Trichlorofluoromethane	EPA 8260	1,270	BCL	µg/l	<0.25	--	--	--	--	--	--	--	--	--	--	--	--
	1,2,3-Trichloropropane	EPA 8260	0.0026	BCL	µg/l	<0.25	--	--	--	--	--	--	--	--	--	--	--	--
	1,2,3-Trichloropropane	EPA 8260SIM	0.0026	BCL	µg/l	<0.0025	--	--	--	--	--	--	--	--	--	--	--	--
	1,2,4-Trimethylbenzene	EPA 8260	14.6	BCL	µg/l	<0.25	--	--	--	--	--	--	--	--	--	--	--	--
	1,3,5-Trimethylbenzene	EPA 8260	14.5	BCL	µg/l	<0.25	--	--	--	--	--	--	--	--	--	--	--	--
	Vinyl chloride	EPA 8260	2	BCL	µg/l	<0.25	--	--	--	--	--	--	--	--	--	--	--	--
m,p-Xylene	EPA 8260			µg/l	<0.50	--	--	--	--	--	--	--	--	--	--	--	--	
o-Xylene	EPA 8260	1,200	BCL	µg/l	<0.25	--	--	--	--	--	--	--	--	--	--	--	--	
1,2-Dibromo-3-chloropropane	EPA 8260	0.2	MCL	µg/l	<0.50	--	--	--	--	--	--	--	--	--	--	--	--	
tert-Butylbenzene	EPA 8260	238	BCL	µg/l	<0.25	--	--	--	--	--	--	--	--	--	--	--	--	
General Chemistry	Alkalinity (as CaCO3)	SM 2320			µg/l	<b>220,000</b>	--	<b>82,000</b>	<b>83,000</b>	<b>83,000</b>	<b>100,000</b>	<b>99,000</b>	<b>97,000</b>	<b>81,000</b>	<b>280,000</b>	<b>190,000</b>	<b>97,000</b>	<b>91,000</b>
	Bicarbonate as HCO3	SM 2320			mg/l	<b>270</b>	--	<b>100</b>	<b>100</b>	<b>100</b>	<b>120</b>	<b>120</b>	<b>120</b>	<b>99</b>	<b>340</b>	<b>240</b>	<b>120</b>	<b>110</b>
	Bromide	EPA 300			mg/l	--	--	--	--	--	--	--	--	--	--	--	--	--
	Calcium	EPA 200.7			mg/l	<b>200</b>	--	<b>390</b>	<b>940</b>	<b>950</b>	<b>450</b>	<b>530</b>	<b>470</b>	<b>580</b>	<b>490</b>	<b>560</b>	<b>590</b>	<b>510</b>
	Carbon	EPA 5310			µg/l	<b>2,100</b>	--	<b>840 J</b>	<b>1,300</b>	<b>1,300</b>	<b>1,600</b>	<b>2,300</b>	<b>2,200</b>	<b>850 J</b>	<b>4,000</b>	<b>2,100</b>	<b>910 J</b>	<b>2,000</b>
	Carbonate (CO3)	SM 2320			mg/l	<2.4	--	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4
	Chloride	EPA 300	250	2 <sup>nd</sup> MCL	mg/l	<b>1,500 J</b>	--	<b>810</b>	<b>3,400</b>	<b>3,400</b>	<b>1,600</b>	<b>480</b>	<b>440</b>	<b>1,300</b>	<b>6,500 J</b>	<b>3,300</b>	<b>900</b>	<b>720 J</b>
	Dissolved Solids (total)	SM 2540C	500	2 <sup>nd</sup> MCL	mg/l	<b>5,300</b>	<b>5,400</b>	<b>5,100</b>	<b>10,000</b>	<b>10,000</b>	<b>5,800</b>	<b>5,200</b>	<b>4,900</b>	<b>7,100</b>	<b>15,000</b>	<b>10,000</b>	<b>5,100</b>	<b>5,300</b>
	Hydroxide	SM 2320			mg/l	<1.4	--	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4
	Nitrate (as NO3)	EPA 300			mg/l	<b>19</b>	--	<b>57 J</b>	<b>140</b>	<b>130</b>	<b>82 J</b>	<b>80 J</b>	<b>75 J</b>	<b>83</b>	<5.0	<b>52</b>	<b>54 J</b>	<b>190</b>
	Nitrate/Nitrite	EPA 300			µg/l	<b>4,300</b>	--	<b>13,000 J</b>	<b>32,000</b>	<b>29,000</b>	<b>18,000 J</b>	<b>18,000 J</b>	<b>17,000 J</b>	<b>19,000</b>	<1,400	<b>12,000</b>	<b>12,000 J</b>	<b>42,000</b>
	Nitrite	EPA 300	1	BCL	mg/l	<0.7	--	<0.7	<0.35	<0.35	<0.35	<0.14	<0.14	<0.7	<1.4	<3.5	<0.7	<0.14
	ortho-Phosphate (total) (as P)	EPA 300			mg/l	<0.8	--	<0.8	<0.4	<0.4	<0.4	<0.16	<0.16	0.8 UJ	--	4.0 UJ	<0.8	--
Potassium	EPA 200.7			mg/l	<b>30</b>	--	<b>55</b>	<b>21</b>	<b>21</b>	<b>16</b>	<b>7.8</b>	<b>7.0</b>	<b>150</b>	<b>39</b>	<b>39</b>	<b>24</b>	<b>16</b>	

**TABLE B-2. GROUNDWATER ANALYTICAL RESULTS IN OFF-SITE WELLS**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Residential Screening Levels		Unit	PC-160		PC-2	PC-21A		PC-24	PC-28		PC-4	PC-40	PC-50	PC-53	PC-54
			Level	Source		01-26-2015	03-12-2015	01-22-2015	01-12-2015	01-12-2015	01-14-2015	01-14-2015	01-14-2015	01-22-2015	01-13-2015	01-23-2015	01-21-2015	01-13-2015
						PC-160-20150126	PC-160-20150312	PC-2-20150122	PC-21A-20150112	PC-21A-20150112-FD	PC-24-20150114	PC-28-20150114	PC-28-20150114-FD	PC-4-20150122	PC-40-20150113	PC-50-20150123	PC-53-20150121	PC-54-20150113
General Chemistry	Sodium	EPA 200.7			mg/l	<b>1,300</b>	--	<b>840</b>	<b>1,600</b>	<b>1,600</b>	<b>1,100</b>	<b>700</b>	<b>630</b>	<b>1,100</b>	<b>4,500</b>	<b>2,800</b>	<b>610</b>	<b>810</b>
	Sulfate	EPA 300			mg/l	<b>1,500</b>	--	<b>2,800</b>	<b>2,200</b>	<b>2,000</b>	<b>1,500</b>	<b>2,200</b>	<b>2,000</b>	<b>2,800</b>	<b>1,900</b>	<b>1,700</b>	<b>2,200</b>	<b>1,500</b>
	Sulfide (total)	EPA 9034			mg/l	<1.0	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	pH	EPA 9040C			s.u.	--	<b>7.6 J</b>	--	--	--	--	--	--	--	--	--	--	--

**Notes:**

ft bgs: feet below ground surface

FD: Field Duplicate

GW: Groundwater

Above Screen

**bold value:** detection

Groundwater screening levels were selected according to the following hierarchy of criteria:

1. Maximum Contaminant Level (MCL): Primary United States Environmental Protections Agency (USEPA) maximum contaminant level (40 CFR Part 141).
2. Basic Contaminant Level (BCL): Residential water basic comparison levels in NDEP February 2015 BCL Spreadsheet or Target Water Activities for radionuclides (NDEP 2015).
3. Regional Screening Level (RSL): Tap water regional screening levels in USEPA Pacific Southwest, Region 9, Regional Screening Levels Chemical Specific Parameters table, June 2015. The screening levels were selected as the minimal values of carcinogenic screening level and noncarcinogenic screening level (USEPA 2015).
4. 2<sup>nd</sup> Maximum Contaminant Level (2<sup>nd</sup> MCL): National Secondary Drinking Water Regulations (40 CFR Part 143).

**Sources:**

NDEP, 2015. User's Guide and Background Technical Document for NDEP Basic

Comparison Levels (BCLs) for Human Health for the BMI Complex and Common Areas. Revision 13, February.

USEPA, 2015. Regional Screening Levels (RSL) for Chemical Contaminants at Superfund Sites. June.

USEPA. National Primary Drinking Water Regulations. Code of Federal Regulations, 40 CFR Part 141.

USEPA. National Secondary Drinking Water Regulations. Code of Federal Regulations, 40 CFR Part 143.



**TABLE B-2. GROUNDWATER ANALYICAL RESULTS IN OFF-SITE WELLS**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Residential Screening Levels		Unit	PC-56	PC-58	PC-59	PC-60	PC-64	PC-65	PC-66	PC-67	PC-68	PC-94	PC-98R	WMW5.58S
			01-21-2015	01-21-2015		01-20-2015	01-21-2015	01-13-2015	01-13-2015	01-14-2015	01-14-2015	01-20-2015	01-21-2015	01-20-2015	01-15-2015		
			Level	Source		PC-56-20150121	PC-58-20150121	PC-59-20150120	PC-60-20150121	PC-64-20150113	PC-65-20150113	PC-66-20150114	PC-67-20150114	PC-68-20150120	PC-94-20150121	PC-98R-20150120	WMW5.58S-20150115
Chlorates	Chlorate	EPA 300.1	1,000	BCL	µg/l	--	--	--	--	410,000	250,000	600,000	310,000	--	--	--	<20
	Perchlorate	EPA 314.0	18	BCL	µg/l	--	--	--	--	300,000	160,000	270,000	14,000	--	--	--	1,000
Common Metals	Aluminum	EPA 200.7	0.05	BCL	mg/l	0.034 J	<0.025	<0.025	0.030 J	<0.025	<0.025	<0.025	0.13 J	<0.025	<0.025	<0.025	0.027 J
	Antimony	EPA 200.8	0.006	MCL	mg/l	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050
	Arsenic	EPA 200.8	0.01	MCL	mg/l	0.075	0.1	0.12	0.12	0.23	0.14	0.15	0.15	0.089	0.061	0.15	0.028
	Barium	EPA 200.7	2	MCL	mg/l	0.025	0.019	0.024	0.025	0.0097 J	0.010	0.016	0.033 J	0.033	0.036	0.021	0.011
	Cadmium	EPA 200.7	0.005	MCL	mg/l	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.010	<0.0020	<0.0020	<0.0020	<0.0020
	Chromium (total)	EPA 200.7	0.1	MCL	mg/l	0.0054	0.023	<0.0025	<0.0025	0.88	0.52	1.6	0.37	<0.0025	0.030	0.026	<0.0025
	Cobalt	EPA 200.7	0.01	BCL	mg/l	<0.0025	<0.0025	0.0034 J	0.0026 J	<0.0025	<0.0025	<0.0025	<0.013	0.0089 J	<0.0025	<0.0025	0.0039 J
	Copper	EPA 200.7	1.3	MCL	mg/l	0.0069 J	0.0068 J	0.0065 J	0.0068 J	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	0.0060 J	<0.0050	0.0053 J
	Iron	EPA 200.7	0.3	BCL	mg/l	0.021 J	<0.010	<0.010	0.014 J	0.028 J	0.021 J	<0.010	0.081 J	0.018 J	0.013 J	0.029 J	<0.010
	Lead	EPA 200.7	0.015	MCL	mg/l	<0.0050	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	0.0032 J	0.015 J	0.0041 J	<0.0050	0.0064	0.0035 J
	Magnesium	EPA 200.7	189	BCL	mg/l	110	140	57	37	160	170	190	310	44	310	150	85
	Manganese	EPA 200.7	0.02	BCL	mg/l	<0.010	<0.010	0.48	0.090	0.032	0.017 J	<0.010	<0.050	0.66	<0.010	<0.010	0.88
	Mercury	EPA 7470	0.002	BCL	mg/l	<0.00010	<0.00010	<0.00010	<0.00010	0.00010 UJ	0.00010 UJ	0.00020	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010
Nickel	EPA 200.7	0.667	BCL	mg/l	<0.010	<0.0050	0.015	0.011	<0.0050	0.0057 J	0.0054 J	<0.025	0.016	<0.010	<0.0050	0.016	
Zinc	EPA 200.7	10	BCL	mg/l	0.010 J	<0.010	<0.010	<0.010	0.019 J	0.021	<0.010	<0.050	0.022	<0.010	0.035	<0.010	
Hexavalent Chromium	Chromium VI	EPA 218.6	100	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--
Rare Metals	Vanadium	EPA 200.7	0.167	BCL	mg/l	0.062	0.076	0.095	0.15	0.16	0.073	0.077	0.052	0.032	0.031	0.081	0.016
VOCs	Benzene	EPA 8260	5	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--
	Bromobenzene	EPA 8260	85.2	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--
	Bromochloromethane	EPA 8260	83	RSL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--
	Bromodichloromethane	EPA 8260	80	MCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--
	Bromoform	EPA 8260	80	MCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--
	Bromomethane	EPA 8260	8.53	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--
	2-Butanone	EPA 8260	6,860	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--
	n-Butylbenzene	EPA 8260	238	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--
	sec-Butylbenzene	EPA 8260	238	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--
	Carbon tetrachloride	EPA 8260	5	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--
	Chlorobenzene	EPA 8260	100	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--
	Chloroethane	EPA 8260	26.9	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--
	Chloroform	EPA 8260	80	MCL	µg/l	--	--	--	--	2.8	2.5	2.3	1,000	--	--	--	--
	Chloromethane	EPA 8260	3.12	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--
	2-Chlorotoluene	EPA 8260	90.2	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--
	4-Chlorotoluene	EPA 8260	250	RSL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--
	Cumene	EPA 8260	667	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--
	p-Cymene	EPA 8260	834	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--
	Dibromochloromethane	EPA 8260	80	MCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--
	1,2-Dibromoethane	EPA 8260	0.05	MCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--
	Dibromomethane	EPA 8260	8.14	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--
	1,2-Dichlorobenzene	EPA 8260	600	MCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--
	1,3-Dichlorobenzene	EPA 8260	80.7	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--
	1,4-Dichlorobenzene	EPA 8260	75	MCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--
	Dichlorodifluoromethane	EPA 8260	393	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--
	1,1-Dichloroethane	EPA 8260	2.79	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--
	1,2-Dichloroethane	EPA 8260	5	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--
	1,1-Dichloroethene	EPA 8260	7	MCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--
cis-1,2-Dichloroethene	EPA 8260	70	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	

**TABLE B-2. GROUNDWATER ANALYICAL RESULTS IN OFF-SITE WELLS**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Residential Screening Levels		Unit	PC-56	PC-58	PC-59	PC-60	PC-64	PC-65	PC-66	PC-67	PC-68	PC-94	PC-98R	WMW5.58S
			01-21-2015	01-21-2015		01-20-2015	01-21-2015	01-13-2015	01-13-2015	01-14-2015	01-14-2015	01-20-2015	01-21-2015	01-20-2015	01-15-2015		
			Level	Source		PC-56-20150121	PC-58-20150121	PC-59-20150120	PC-60-20150121	PC-64-20150113	PC-65-20150113	PC-66-20150114	PC-67-20150114	PC-68-20150120	PC-94-20150121	PC-98R-20150120	WMW5.58S-20150115
VOCs	trans-1,2-Dichloroethene	EPA 8260	100	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--
	1,2-Dichloropropane	EPA 8260	5	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--
	1,3-Dichloropropane	EPA 8260	8.24	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--
	2,2-Dichloropropane	EPA 8260			µg/l	--	--	--	--	--	--	--	--	--	--	--	--
	1,1-Dichloropropene	EPA 8260			µg/l	--	--	--	--	--	--	--	--	--	--	--	--
	cis-1,3-Dichloropropene	EPA 8260			µg/l	--	--	--	--	--	--	--	--	--	--	--	--
	trans-1,3-Dichloropropene	EPA 8260			µg/l	--	--	--	--	--	--	--	--	--	--	--	--
	1,4-Dioxane	EPA 8260SIM	0.779	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--
	Ethyl benzene	EPA 8260	700	MCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--
	Ethyl tert-butyl ether	EPA 8260			µg/l	--	--	--	--	--	--	--	--	--	--	--	--
	Hexachlorobutadiene	EPA 8260	0.999	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--
	Methylene chloride	EPA 8260	5	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--
	Naphthalene	EPA 8260	0.165	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--
	n-Propylbenzene	EPA 8260	238	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--
	Styrene	EPA 8260	100	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--
	1,1,1,2-Tetrachloroethane	EPA 8260	0.605	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--
	1,1,2,2-Tetrachloroethane	EPA 8260	0.0775	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--
	Tetrachloroethene	EPA 8260	5	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--
	Toluene	EPA 8260	1,000	MCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--
	1,2,3-Trichlorobenzene	EPA 8260	7	RSL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--
	1,2,4-Trichlorobenzene	EPA 8260	70	MCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--
	1,1,1-Trichloroethane	EPA 8260	200	MCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--
	1,1,2-Trichloroethane	EPA 8260	5	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--
	Trichloroethene	EPA 8260	5	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--
	Trichlorofluoromethane	EPA 8260	1,270	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--
	1,2,3-Trichloropropane	EPA 8260	0.0026	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--
	1,2,3-Trichloropropane	EPA 8260SIM	0.0026	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--
	1,2,4-Trimethylbenzene	EPA 8260	14.6	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--
	1,3,5-Trimethylbenzene	EPA 8260	14.5	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--
	Vinyl chloride	EPA 8260	2	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--
m,p-Xylene	EPA 8260			µg/l	--	--	--	--	--	--	--	--	--	--	--	--	
o-Xylene	EPA 8260	1,200	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	
1,2-Dibromo-3-chloropropane	EPA 8260	0.2	MCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	
tert-Butylbenzene	EPA 8260	238	BCL	µg/l	--	--	--	--	--	--	--	--	--	--	--	--	
General Chemistry	Alkalinity (as CaCO3)	SM 2320			µg/l	210,000	330,000	300,000	280,000	76,000	110,000	96,000	140,000	250,000	170,000	210,000	170,000
	Bicarbonate as HCO3	SM 2320			mg/l	250	400	360	340	93	130	120	170	300	200	250	200
	Bromide	EPA 300			mg/l	--	--	--	--	--	--	--	--	--	--	--	--
	Calcium	EPA 200.7			mg/l	280	190	110	82	580	590	530	760	150	520	330	190
	Carbon	EPA 5310			µg/l	2,300	3,600	2,900	2,400	2,600	2,100	2,500	1,900	3,600	1,300	2,000	2,500
	Carbonate (CO3)	SM 2320			mg/l	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4
	Chloride	EPA 300	250	2 <sup>nd</sup> MCL	mg/l	1,400	640	690	500	610 J	590 J	700 J	3,900 J	410 J	2,100	1,900 J	400
	Dissolved Solids (total)	SM 2540C	500	2 <sup>nd</sup> MCL	mg/l	4,700	3,200	2,500	2,000	6,900	5,800	6,400	12,000	1,700	6,500	6,500	2,100
	Hydroxide	SM 2320			mg/l	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4
	Nitrate (as NO3)	EPA 300			mg/l	54	42	8.3	4.3	180	80	170	190	<0.50	68	31	36 J
	Nitrate/Nitrite	EPA 300			µg/l	12,000	9,600	1,900	980	42,000	18,000	37,000	42,000	<140	15,000	7,100	8,200 J
	Nitrite	EPA 300	1	BCL	mg/l	<0.7	<0.35	<0.14	<0.14	<0.35	<0.35	<0.35	<1.4	<0.14	<0.7	<1.4	<0.07
	ortho-Phosphate (total) (as P)	EPA 300			mg/l	<0.8	<0.4	<0.16	<0.16	--	--	<0.4	<1.6	<0.16	<0.8	<1.6	<0.08
Potassium	EPA 200.7			mg/l	21	45	24	18	12	12	13	22	20	63	21	29	

**TABLE B-2. GROUNDWATER ANALYTICAL RESULTS IN OFF-SITE WELLS**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Residential Screening Levels		Unit	PC-56	PC-58	PC-59	PC-60	PC-64	PC-65	PC-66	PC-67	PC-68	PC-94	PC-98R	WMW5.58S
			01-21-2015	01-21-2015		01-20-2015	01-21-2015	01-13-2015	01-13-2015	01-14-2015	01-14-2015	01-20-2015	01-21-2015	01-20-2015	01-15-2015		
			Level	Source		PC-56-20150121	PC-58-20150121	PC-59-20150120	PC-60-20150121	PC-64-20150113	PC-65-20150113	PC-66-20150114	PC-67-20150114	PC-68-20150120	PC-94-20150121	PC-98R-20150120	WMW5.58S-20150115
General Chemistry	Sodium	EPA 200.7			mg/l	<b>1,100</b>	<b>640</b>	<b>640</b>	<b>540</b>	<b>1,200</b>	<b>870</b>	<b>1,000</b>	<b>2,800</b>	<b>360</b>	<b>1,000</b>	<b>1,500</b>	<b>380</b>
	Sulfate	EPA 300			mg/l	<b>1,400</b>	<b>1,200</b>	<b>670</b>	<b>520</b>	<b>2,400</b>	<b>2,300</b>	<b>2,200 J</b>	<b>2,300 J</b>	<b>440</b>	<b>2,100</b>	<b>1,900</b>	<b>720</b>
	Sulfide (total)	EPA 9034			mg/l	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	<1.0	<1.0
	pH	EPA 9040C			s.u.	--	--	--	--	--	--	--	--	--	--	--	--

**Notes:**

ft bgs: feet below ground surface

FD: Field Duplicate

GW: Groundwater

Above Screen

**bold value:** detection

Groundwater screening levels were selected according to the following hierarchy of criteria:

1. Maximum Contaminant Level (MCL): Primary United States Environmental Protections Agency (USEPA) maximum contaminant level (40 CFR Part 141).
2. Basic Contaminant Level (BCL): Residential water basic comparison levels in NDEP February 2015 BCL Spreadsheet or Target Water Activities for radionuclides (NDEP 2015).
3. Regional Screening Level (RSL): Tap water regional screening levels in USEPA Pacific Southwest, Region 9, Regional Screening Levels Chemical Specific Parameters table, June 2015. The screening levels were selected as the minimal values of carcinogenic screening level and noncarcinogenic screening level (USEPA 2015).
4. 2<sup>nd</sup> Maximum Contaminant Level (2<sup>nd</sup> MCL): National Secondary Drinking Water Regulations (40 CFR Part 143).

**Sources:**

NDEP, 2015. User's Guide and Background Technical Document for NDEP Basic

Comparison Levels (BCLs) for Human Health for the BMI Complex and

Common Areas. Revision 13, February.

USEPA, 2015. Regional Screening Levels (RSL) for Chemical Contaminants at Superfund

Sites. June.

USEPA. National Primary Drinking Water Regulations. Code of Federal Regulations,

40 CFR Part 141.

USEPA. National Secondary Drinking Water Regulations. Code of Federal Regulations,

40 CFR Part 143.

**TABLE B-2. GROUNDWATER ANALYICAL RESULTS IN OFF-SITE WELLS**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Residential Screening Levels		Unit	WMW6.15S		WMW6.55S
			Level	Source		01-15-2015	01-15-2015	01-15-2015
						WMW6.15S-20150115	WMW6.15S-20150115-FD	WMW6.55S-20150115
Chlorates	Chlorate	EPA 300.1	1,000	BCL	µg/l	<20	<20	390
	Perchlorate	EPA 314.0	18	BCL	µg/l	690	680	1,700
Common Metals	Aluminum	EPA 200.7	0.05	BCL	mg/l	0.033 J	0.025 UJ	<0.025
	Antimony	EPA 200.8	0.006	MCL	mg/l	<0.00050	<0.00050	<0.00050
	Arsenic	EPA 200.8	0.01	MCL	mg/l	0.12	0.12	0.049
	Barium	EPA 200.7	2	MCL	mg/l	0.031	0.030	0.015
	Cadmium	EPA 200.7	0.005	MCL	mg/l	<0.0020	<0.0020	<0.0020
	Chromium (total)	EPA 200.7	0.1	MCL	mg/l	<0.0025	<0.0025	<0.0025
	Cobalt	EPA 200.7	0.01	BCL	mg/l	0.0030 J	0.0030 J	0.0026 J
	Copper	EPA 200.7	1.3	MCL	mg/l	<0.0050	<0.0050	<0.0050
	Iron	EPA 200.7	0.3	BCL	mg/l	<0.010	<0.010	<0.010
	Lead	EPA 200.7	0.015	MCL	mg/l	<0.0025	<0.0025	0.0026 J
	Magnesium	EPA 200.7	189	BCL	mg/l	76	73	180
	Manganese	EPA 200.7	0.02	BCL	mg/l	0.44	0.44	0.89
	Mercury	EPA 7470	0.002	BCL	mg/l	<0.00010	<0.00010	<0.00010
Nickel	EPA 200.7	0.667	BCL	mg/l	0.018	0.019	0.0099 J	
Zinc	EPA 200.7	10	BCL	mg/l	<0.010	<0.010	0.015 J	
Hexavalent Chromium	Chromium VI	EPA 218.6	100	BCL	µg/l	--	--	--
Rare Metals	Vanadium	EPA 200.7	0.167	BCL	mg/l	0.087	0.085	0.035
VOCs	Benzene	EPA 8260	5	BCL	µg/l	--	--	--
	Bromobenzene	EPA 8260	85.2	BCL	µg/l	--	--	--
	Bromochloromethane	EPA 8260	83	RSL	µg/l	--	--	--
	Bromodichloromethane	EPA 8260	80	MCL	µg/l	--	--	--
	Bromoform	EPA 8260	80	MCL	µg/l	--	--	--
	Bromomethane	EPA 8260	8.53	BCL	µg/l	--	--	--
	2-Butanone	EPA 8260	6,860	BCL	µg/l	--	--	--
	n-Butylbenzene	EPA 8260	238	BCL	µg/l	--	--	--
	sec-Butylbenzene	EPA 8260	238	BCL	µg/l	--	--	--
	Carbon tetrachloride	EPA 8260	5	BCL	µg/l	--	--	--
	Chlorobenzene	EPA 8260	100	BCL	µg/l	--	--	--
	Chloroethane	EPA 8260	26.9	BCL	µg/l	--	--	--
	Chloroform	EPA 8260	80	MCL	µg/l	--	--	--
	Chloromethane	EPA 8260	3.12	BCL	µg/l	--	--	--
	2-Chlorotoluene	EPA 8260	90.2	BCL	µg/l	--	--	--
	4-Chlorotoluene	EPA 8260	250	RSL	µg/l	--	--	--
	Cumene	EPA 8260	667	BCL	µg/l	--	--	--
	p-Cymene	EPA 8260	834	BCL	µg/l	--	--	--
	Dibromochloromethane	EPA 8260	80	MCL	µg/l	--	--	--
	1,2-Dibromoethane	EPA 8260	0.05	MCL	µg/l	--	--	--
	Dibromomethane	EPA 8260	8.14	BCL	µg/l	--	--	--
	1,2-Dichlorobenzene	EPA 8260	600	MCL	µg/l	--	--	--
	1,3-Dichlorobenzene	EPA 8260	80.7	BCL	µg/l	--	--	--
	1,4-Dichlorobenzene	EPA 8260	75	MCL	µg/l	--	--	--
	Dichlorodifluoromethane	EPA 8260	393	BCL	µg/l	--	--	--
	1,1-Dichloroethane	EPA 8260	2.79	BCL	µg/l	--	--	--
	1,2-Dichloroethane	EPA 8260	5	BCL	µg/l	--	--	--
	1,1-Dichloroethene	EPA 8260	7	MCL	µg/l	--	--	--
	cis-1,2-Dichloroethene	EPA 8260	70	BCL	µg/l	--	--	--

**TABLE B-2. GROUNDWATER ANALYICAL RESULTS IN OFF-SITE WELLS**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Residential Screening Levels		Unit	WMW6.15S		WMW6.55S
			Level	Source		01-15-2015	01-15-2015	01-15-2015
						WMW6.15S-20150115	WMW6.15S-20150115-FD	WMW6.55S-20150115
VOCs	trans-1,2-Dichloroethene	EPA 8260	100	BCL	µg/l	--	--	--
	1,2-Dichloropropane	EPA 8260	5	BCL	µg/l	--	--	--
	1,3-Dichloropropane	EPA 8260	8.24	BCL	µg/l	--	--	--
	2,2-Dichloropropane	EPA 8260			µg/l	--	--	--
	1,1-Dichloropropene	EPA 8260			µg/l	--	--	--
	cis-1,3-Dichloropropene	EPA 8260			µg/l	--	--	--
	trans-1,3-Dichloropropene	EPA 8260			µg/l	--	--	--
	1,4-Dioxane	EPA 8260SIM	0.779	BCL	µg/l	--	--	--
	Ethyl benzene	EPA 8260	700	MCL	µg/l	--	--	--
	Ethyl tert-butyl ether	EPA 8260			µg/l	--	--	--
	Hexachlorobutadiene	EPA 8260	0.999	BCL	µg/l	--	--	--
	Methylene chloride	EPA 8260	5	BCL	µg/l	--	--	--
	Naphthalene	EPA 8260	0.165	BCL	µg/l	--	--	--
	n-Propylbenzene	EPA 8260	238	BCL	µg/l	--	--	--
	Styrene	EPA 8260	100	BCL	µg/l	--	--	--
	1,1,1,2-Tetrachloroethane	EPA 8260	0.605	BCL	µg/l	--	--	--
	1,1,2,2-Tetrachloroethane	EPA 8260	0.0775	BCL	µg/l	--	--	--
	Tetrachloroethene	EPA 8260	5	BCL	µg/l	--	--	--
	Toluene	EPA 8260	1,000	MCL	µg/l	--	--	--
	1,2,3-Trichlorobenzene	EPA 8260	7	RSL	µg/l	--	--	--
	1,2,4-Trichlorobenzene	EPA 8260	70	MCL	µg/l	--	--	--
	1,1,1-Trichloroethane	EPA 8260	200	MCL	µg/l	--	--	--
	1,1,2-Trichloroethane	EPA 8260	5	BCL	µg/l	--	--	--
	Trichloroethene	EPA 8260	5	BCL	µg/l	--	--	--
	Trichlorofluoromethane	EPA 8260	1,270	BCL	µg/l	--	--	--
	1,2,3-Trichloropropane	EPA 8260	0.0026	BCL	µg/l	--	--	--
	1,2,3-Trichloropropane	EPA 8260SIM	0.0026	BCL	µg/l	--	--	--
	1,2,4-Trimethylbenzene	EPA 8260	14.6	BCL	µg/l	--	--	--
	1,3,5-Trimethylbenzene	EPA 8260	14.5	BCL	µg/l	--	--	--
	Vinyl chloride	EPA 8260	2	BCL	µg/l	--	--	--
m,p-Xylene	EPA 8260			µg/l	--	--	--	
o-Xylene	EPA 8260	1,200	BCL	µg/l	--	--	--	
1,2-Dibromo-3-chloropropane	EPA 8260	0.2	MCL	µg/l	--	--	--	
tert-Butylbenzene	EPA 8260	238	BCL	µg/l	--	--	--	
General Chemistry	Alkalinity (as CaCO3)	SM 2320			µg/l	270,000	280,000	160,000
	Bicarbonate as HCO3	SM 2320			mg/l	330	340	190
	Bromide	EPA 300			mg/l	--	--	--
	Calcium	EPA 200.7			mg/l	190	180	420
	Carbon	EPA 5310			µg/l	3,200	3,300	1,600
	Carbonate (CO3)	SM 2320			mg/l	<2.4	<2.4	<2.4
	Chloride	EPA 300	250	2 <sup>nd</sup> MCL	mg/l	560	530	670
	Dissolved Solids (total)	SM 2540C	500	2 <sup>nd</sup> MCL	mg/l	1,300 J	2,600 J	4,200
	Hydroxide	SM 2320			mg/l	<1.4	<1.4	<1.4
	Nitrate (as NO3)	EPA 300			mg/l	0.84 J	0.83 J	23 J
	Nitrate/Nitrite	EPA 300			µg/l	190 J	190 J	5,200 J
	Nitrite	EPA 300	1	BCL	mg/l	<0.14	<0.14	<0.14
	ortho-Phosphate (total) (as P)	EPA 300			mg/l	<0.16	<0.16	<0.16
	Potassium	EPA 200.7			mg/l	27	27	37

**TABLE B-2. GROUNDWATER ANALYTICAL RESULTS IN OFF-SITE WELLS**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Residential Screening Levels		Unit	WMW6.15S		WMW6.55S
			Level	Source		01-15-2015	01-15-2015	01-15-2015
						WMW6.15S-20150115	WMW6.15S-20150115-FD	WMW6.55S-20150115
General Chemistry	Sodium	EPA 200.7			mg/l	<b>620</b>	<b>600</b>	<b>640</b>
	Sulfate	EPA 300			mg/l	<b>770</b>	<b>730</b>	<b>1,800</b>
	Sulfide (total)	EPA 9034			mg/l	<1.0	<1.0	<1.0
	pH	EPA 9040C			s.u.	--	--	--

**Notes:**

ft bgs: feet below ground surface

FD: Field Duplicate

GW: Groundwater

Above Screen

**bold value:** detection

Groundwater screening levels were selected according to the following hierarchy of criteria:

1. Maximum Contaminant Level (MCL): Primary United States Environmental Protections Agency (USEPA) maximum contaminant level (40 CFR Part 141).
2. Basic Contaminant Level (BCL): Residential water basic comparison levels in NDEP February 2015 BCL Spreadsheet or Target Water Activities for radionuclides (NDEP 2015).
3. Regional Screening Level (RSL): Tap water regional screening levels in USEPA Pacific Southwest, Region 9, Regional Screening Levels Chemical Specific Parameters table, June 2015. The screening levels were selected as the minimal values of carcinogenic screening level and noncarcinogenic screening level (USEPA 2015).
4. 2<sup>nd</sup> Maximum Contaminant Level (2<sup>nd</sup> MCL): National Secondary Drinking Water Regulations (40 CFR Part 143).

**Sources:**

NDEP, 2015. User's Guide and Background Technical Document for NDEP Basic

Comparison Levels (BCLs) for Human Health for the BMI Complex and Common Areas. Revision 13, February.

USEPA, 2015. Regional Screening Levels (RSL) for Chemical Contaminants at Superfund Sites. June.

USEPA. National Primary Drinking Water Regulations. Code of Federal Regulations, 40 CFR Part 141.

USEPA. National Secondary Drinking Water Regulations. Code of Federal Regulations, 40 CFR Part 143.

**TABLE B-3. SOIL GAS ANALYTICAL RESULTS BETWEEN SITE AND AWF**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Screening Levels		Unit	RISG-1		RISG-2		RISG-3		
			Level	Source		5-5 ft bgs	13-13 ft bgs	5-5 ft bgs	15-15 ft bgs	5-5 ft bgs	15-15 ft bgs	15-15 ft bgs
						RISG-1-5-20150309	RISG-1-13-20150306	RISG-2-5-20150319	RISG-2-15-20150319	RISG-3-5-20150306	RISG-3-15-20150306	RISG-3-15-20150306-FD
VOCs	Acetone	TO-15	39,300,000	CAL	µg/m <sup>3</sup>	38 J	<9	140	210	37 J	35 J	39 J
	Acrolein	TO-15			µg/m <sup>3</sup>	<0.23	<0.23	<0.23	11	<0.23	<0.23	<0.23
	Acrylonitrile	TO-15	44.4	CAL	µg/m <sup>3</sup>	<0.61	<0.61	<0.61	0.86 J	<0.61	<0.61	<0.61
	t-Amyl methyl ether	TO-15	18,600	CAL	µg/m <sup>3</sup>	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2
	Benzene	TO-15	492	CAL	µg/m <sup>3</sup>	2.8 J	75	7	12	5.8	8.3	8.1
	Benzyl chloride	TO-15	101	CAL	µg/m <sup>3</sup>	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38
	Bromodichloromethane	TO-15	253	CAL	µg/m <sup>3</sup>	11	2.7 J	<0.011	0.77 J	6.2	6.8	6.6
	Bromoform	TO-15	15,900	CAL	µg/m <sup>3</sup>	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22
	Bromomethane	TO-15	9,490	CAL	µg/m <sup>3</sup>	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36
	1,3-Butadiene	TO-15	116	CAL	µg/m <sup>3</sup>	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55
	2-Butanone	TO-15	8,590,000	CAL	µg/m <sup>3</sup>	<3.9	14 J	44 J	51 J	<3.9	<3.9	<3.9
	Carbon disulfide	TO-15	1,020,000	CAL	µg/m <sup>3</sup>	1.3 J	22	2	4.4	1.3 J	1.6 J	2.1
	Carbon tetrachloride	TO-15	700	CAL	µg/m <sup>3</sup>	280	150	65	130	300	390	380
	Chlorobenzene	TO-15	94,700	CAL	µg/m <sup>3</sup>	<0.16	<0.16	0.5 J	0.73 J	<0.16	<0.16	<0.16
	Chloroethane	TO-15	8,200,000	CAL	µg/m <sup>3</sup>	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35
	Chloroform	TO-15	148	CAL	µg/m <sup>3</sup>	3,700	8,900	4,400	7,100	5,200	7,200	7,000
	Chloromethane	TO-15	1,650	CAL	µg/m <sup>3</sup>	<0.12	<0.12	1.6	<0.12	<0.12	<0.12	<0.12
	Cyclohexane	TO-15	10,600,000	CAL	µg/m <sup>3</sup>	<0.38	<0.38	9.8 J	<0.38	<0.38	<0.38	<0.38
	Dibromochloromethane	TO-15	506	CAL	µg/m <sup>3</sup>	2.1 J	0.49 J	<0.0048	<0.0048	0.88 J	0.29 J	0.28 J
	1,2-Dibromoethane	TO-15	20.7	CAL	µg/m <sup>3</sup>	0.11 J	<0.0037	<0.0037	0.047 J	0.09 J	0.087 J	0.088 J
	1,2-Dichlorobenzene	TO-15	396,000	CAL	µg/m <sup>3</sup>	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16
	1,3-Dichlorobenzene	TO-15	395,000	CAL	µg/m <sup>3</sup>	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26
	1,4-Dichlorobenzene	TO-15	420	CAL	µg/m <sup>3</sup>	<0.62	0.79 J	<0.62	<0.62	<0.62	<0.62	<0.62
	Dichlorodifluoromethane	TO-15	408,000	CAL	µg/m <sup>3</sup>	4 J	<0.56	3.2 J	3.1	5.3 J	5.6	5.7
	1,1-Dichloroethane	TO-15	2,730	CAL	µg/m <sup>3</sup>	3.8	3.5	5.1	9	5	6.7	6.6
	1,2-Dichloroethane	TO-15	131	CAL	µg/m <sup>3</sup>	0.26 J	1.1 J	0.089 J	0.58 J	0.22 J	0.73 J	0.74 J
	1,1-Dichloroethene	TO-15	323,000	CAL	µg/m <sup>3</sup>	20	19	93	170	46	67	66
	cis-1,2-Dichloroethene	TO-15	113,000	CAL	µg/m <sup>3</sup>	1.1 J	<0.56	11 J	2.6	1.1 J	1.8 J	1.8 J
	trans-1,2-Dichloroethene	TO-15	117,000	CAL	µg/m <sup>3</sup>	<0.21	<0.21	1.1 J	0.28 J	<0.21	0.25 J	0.24 J
	1,2-Dichloropropane	TO-15	419	CAL	µg/m <sup>3</sup>	0.59 J	1.2 J	<0.01	<0.01	<0.01	1.1 J	1.1 J
	cis-1,3-Dichloropropene	TO-15	1,250	CAL	µg/m <sup>3</sup>	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
	trans-1,3-Dichloropropene	TO-15	1,250	CAL	µg/m <sup>3</sup>	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26
	Diisopropyl ether	TO-15	1,450,000	CAL	µg/m <sup>3</sup>	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35
	1,4-Dioxane	TO-15	436	CAL	µg/m <sup>3</sup>	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13
	Ethanol	TO-15	79,400,000	CAL	µg/m <sup>3</sup>	12 J	160	26 J	50 J	15 J	<11	<11
	Ethyl acetate	TO-15				µg/m <sup>3</sup>	<0.36	7.7	<0.36	9.4	<0.36	<0.36
	Ethyl benzene	TO-15	1,730	CAL	µg/m <sup>3</sup>	4.9	74	7.2	13	4.3	9.5 J	3.5 J
	Ethyl tert-butyl ether	TO-15	18,600	CAL	µg/m <sup>3</sup>	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
	4-Ethyltoluene	TO-15	830,000	CAL	µg/m <sup>3</sup>	3.4	54	3.8	6	0.58 J	7.6 J	0.59 J
	Freon 114	TO-15	54,000,000	CAL	µg/m <sup>3</sup>	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6
n-Heptane	TO-15	6,730,000	CAL	µg/m <sup>3</sup>	<5.7	57	7.3 J	<5.7	<5.7	<5.7	<5.7	
Hexachlorobutadiene	TO-15	248	CAL	µg/m <sup>3</sup>	0.61 J	<0.15	0.63 J	2.5 J	<0.15	<0.15	<0.15	
n-Hexane	TO-15	673,000	CAL	µg/m <sup>3</sup>	1.8 J	55	24	7.8 J	2.6 J	2.7 J	3.2 J	
2-Hexanone	TO-15	49,900	CAL	µg/m <sup>3</sup>	<0.16	<0.16	4	2.7	<0.16	<0.16	<0.16	
Methyl tert-butyl ether	TO-15	13,200	CAL	µg/m <sup>3</sup>	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	
Methylene chloride	TO-15	7,380	CAL	µg/m <sup>3</sup>	2.3	4.4	0.97 J	1.6 J	4.5	14	14	
Methylmethacrylate	TO-15	1,270,000	CAL	µg/m <sup>3</sup>	<0.42	<0.42	<0.42	<0.42	<0.42	5.2	4.1	
Naphthalene	TO-15	154	CAL	µg/m <sup>3</sup>	3.4 J	150	1.4 J	3.8 J	1.2 J	6.9 J	0.6 J	
Styrene	TO-15	1,940,000	CAL	µg/m <sup>3</sup>	<0.21	<0.21	0.91 J	3.3	<0.21	<0.21	<0.21	



**TABLE B-3. SOIL GAS ANALYTICAL RESULTS BETWEEN SITE AND AWF**  
**RI Data Evaluation**  
**Nevada Environmental Response Trust Site; Henderson, Nevada**

Chemical Group	Analyte	Method	Screening Levels		Unit	RISG-1		RISG-2		RISG-3		
			Level	Source		5-5 ft bgs	13-13 ft bgs	5-5 ft bgs	15-15 ft bgs	5-5 ft bgs	15-15 ft bgs	15-15 ft bgs
						RISG-1-5-20150309	RISG-1-13-20150306	RISG-2-5-20150319	RISG-2-15-20150319	RISG-3-5-20150306	RISG-3-15-20150306	RISG-3-15-20150306-FD
VOCs	1,1,1,2-Tetrachloroethane	TO-15	610	CAL	µg/m <sup>3</sup>	<0.007	<0.007	<b>0.065 J</b>	<b>0.084 J</b>	<0.007	<0.007	<0.007
	1,1,2,2-Tetrachloroethane	TO-15	77.6	CAL	µg/m <sup>3</sup>	<0.0076	<0.0076	<0.0076	<0.0076	<0.0076	<0.0076	<0.0076
	Tetrachloroethene	TO-15	757	CAL	µg/m <sup>3</sup>	<b>590</b>	<b>120</b>	<b>7,800</b>	<b>11,000</b>	<b>240</b>	<b>340</b>	<b>300</b>
	Tetrahydrofuran	TO-15	3,470,000	CAL	µg/m <sup>3</sup>	<0.21	<0.21	<0.21	<b>7.6</b>	<0.21	<0.21	<0.21
	Toluene	TO-15	8,290,000	CAL	µg/m <sup>3</sup>	<b>7.8</b>	<b>190</b>	<b>27 J</b>	<b>36</b>	<b>6.1</b>	<b>19</b>	<b>15</b>
	1,2,4-Trichlorobenzene	TO-15	7,990	CAL	µg/m <sup>3</sup>	<b>0.26 J</b>	<b>0.82 J</b>	<b>3.6 J</b>	<b>3.7 J</b>	<0.17	<0.17	<0.17
	1,1,1-Trichloroethane	TO-15	9,000,000	CAL	µg/m <sup>3</sup>	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35
	1,1,2-Trichloroethane	TO-15	262	CAL	µg/m <sup>3</sup>	<0.012	<0.012	<0.012	<b>0.2 J</b>	<0.012	<b>0.62 J</b>	<b>0.58 J</b>
	Trichloroethene	TO-15	2,080	CAL	µg/m <sup>3</sup>	<b>12</b>	<b>3.5</b>	<b>110</b>	<b>160</b>	<b>25</b>	<b>32</b>	<b>31</b>
	Trichlorofluoromethane	TO-15	1,160,000	CAL	µg/m <sup>3</sup>	<b>1.9 J</b>	<b>5.2</b>	<b>1.2 J</b>	<b>1.6 J</b>	<b>1.7 J</b>	<b>2.6 J</b>	<b>2.5 J</b>
	1,2,4-Trimethylbenzene	TO-15	15,400	CAL	µg/m <sup>3</sup>	<b>15</b>	<b>240</b>	<b>11</b>	<b>20</b>	<b>1.6 J</b>	<b>25 J</b>	<b>0.41 J</b>
	1,3,5-Trimethylbenzene	TO-15	15,500	CAL	µg/m <sup>3</sup>	<b>5.4</b>	<b>81</b>	<b>4.9</b>	<b>8.4</b>	<0.35	<b>12 J</b>	<b>0.36 J</b>
	Vinyl acetate	TO-15	337,000	CAL	µg/m <sup>3</sup>	<0.61	<0.61	<b>19</b>	<0.61	<0.61	<0.61	<0.61
	Vinyl chloride	TO-15	762	CAL	µg/m <sup>3</sup>	<0.0075	<0.0075	<0.0075	<0.0075	<0.0075	<0.0075	<0.0075
	Xylenes (total)	TO-15	182,000	CAL	µg/m <sup>3</sup>	<b>31</b>	<b>450</b>	<b>40</b>	<b>61</b>	<b>32</b>	<b>55 J</b>	<b>9.6 J</b>
	1,2-Dibromo-3-chloropropane	TO-15			µg/m <sup>3</sup>	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	0.0056 UJ	<b>0.13 J</b>
4-Methyl-2-pentanone	TO-15	5,530,000	CAL	µg/m <sup>3</sup>	<b>2.4</b>	<b>33</b>	<b>11</b>	<b>7</b>	<b>1.5 J</b>	<b>3</b>	<b>2.3</b>	
tert Butyl alcohol	TO-15	46,800,000	CAL	µg/m <sup>3</sup>	<17	<17	<17	<17	<17	<17	<17	
1,1,2-Trichloro-1,2,2-trifluoroethane	TO-15			µg/m <sup>3</sup>	<b>0.79 J</b>	<b>2.1 J</b>	<b>0.56 J</b>	<b>0.57 J</b>	<b>0.73 J</b>	<b>1.1 J</b>	<b>0.76 J</b>	
General Chemistry	Helium	ASTM D 1946			percent	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05

**Notes:**

ft bgs: feet below ground surface

FD: Field Duplicate

Above Screen

**bold value:** detection

Soil gas screening levels were calculated by the following method:

Ramboll Environ derived risk-based concentrations using the inputs to the Johnson and Ettinger model and values for exposure assumptions and toxicity criteria presented in the NDEP-approved Soil Gas Investigation and Human Health Risk Assessment Work Plan for Parcels C, D, F, G, and H (ENVIRON 2013), modified for a residential exposure.

**Sources:**

ENVIRON. 2013. Soil Gas Investigation and Human Health Risk Assessment Work Plan

for Parcels C, D, F, G, and H.

Nevada Environmental Response Trust, Henderson, Nevada. March 18, 2013.

Approved by NDEP April 9, 2013.



Technical Memorandum,  
Remedial Investigation Data Evaluation  
Nevada Environmental Response Trust Site  
Henderson, Nevada

**APPENDIX C-1**  
**ESTIMATION OF LEACHING-BASED SOIL SCREENING LEVELS**

## Appendix C-1 Groundwater Basic Comparison Levels and Leaching-Based Soil Screening Levels

The groundwater BCLs and leaching-based soil screening levels (LBCLs) were obtained from NDEP BCL table. For chemicals that leaching-based soil screening levels (LBCLs) have not been derived by NDEP, Ramboll Environ calculated the LBCLs in accordance with NDEP methodology (2015) using the following equation:

$$LBCL = DAF * BCL_{gw} * (K_d + \frac{\theta_w}{\rho_b} + \frac{H' * \theta_A}{\rho_b})$$

Where:

- LBCL = Leaching-based soil screening level (mg/kg)
- DAF = Dilution attenuation factor (unitless, 1 or 20)
- $BCL_{gw}$  = Groundwater BCL (e.g., maximum contaminant level [MCL] or tap water BCL, mg/L)
- $K_d$  = Soil-water partition coefficient (L/kg)
- $\theta_w$  = Moisture content ( $0.3 \text{ cm}^3/\text{cm}^3$ )
- $\rho_b$  = Soil dry bulk density ( $1.5 \text{ g}/\text{cm}^3$ )
- $H'$  = Henry's law constant (unitless)
- $\theta_A$  = Air-filled porosity ( $0.13 \text{ cm}^3/\text{cm}^3$ )

The chemical-specific physical parameters (i.e.,  $K_d$  and  $H'$ ) were obtained from NDEP BCL table, USEPA RSL table, or other sources recommended by NDEP (2015).

### Reference:

Nevada Division of Environmental Protection (NDEP). 2015. User's Guide and Background Technical Document for the Nevada Division of Environmental Protection (NDEP) Basic Comparison Levels (BCLs) for Human Health for the BMI Complex and Common Areas. February.

**TABLE C-1. Groundwater Basic Comparison Levels (BCLs) and Leaching Based Basic Comparison Levels (LBCLs)  
Nevada Environmental Response Trust Site, Henderson, Nevada**

Chemical	BCL <sub>gw</sub> (mg/L <sub>w</sub> )	K <sub>d</sub> (L <sub>w</sub> /kg <sub>s</sub> )	θ <sub>w</sub> (L <sub>w</sub> /L <sub>T</sub> )	ρ <sub>b</sub> (kg <sub>s</sub> /L <sub>T</sub> )	θ <sub>a</sub> (L <sub>a</sub> /L <sub>T</sub> )	K' <sub>H</sub> (L <sub>w</sub> /L <sub>a</sub> )	LBCL (mg/kg <sub>s</sub> ) DAF = 1	LBCL (mg/kg <sub>s</sub> ) DAF = 20	BCL <sub>gw</sub> Note	K <sub>d</sub> Note	K' <sub>H</sub> Note
<b>Developed by NDEP</b>											
Aluminum	5.0E-02	1.5E+03	0.30	1.5	0.13	0.0E+00	7.5E+01	1.5E+03	a	Kd a	-
Bromide	1.1E+01	7.5E+00	0.30	1.5	0.13	0.0E+00	8.7E+01	1.7E+03	b	Kd a	-
Boron	6.7E+00	3.0E+00	0.30	1.5	0.13	0.0E+00	2.1E+01	4.3E+02	b	Kd a	-
Chlorate	1.0E+00	8.3E-01	0.30	1.5	0.13	0.0E+00	1.0E+00	2.1E+01	b	Kd a	-
Cobalt	1.0E-02	4.5E+01	0.30	1.5	0.13	0.0E+00	4.5E-01	9.1E+00	b	Kd a	-
Copper	1.3E+00	3.5E+01	0.30	1.5	0.13	0.0E+00	4.6E+01	9.2E+02	c	Kd a	-
Iron	3.0E-01	2.5E+01	0.30	1.5	0.13	0.0E+00	7.6E+00	1.5E+02	c	Kd a	-
alpha-Hexachlorocyclohexane	1.0E-02	2.5E+00	0.30	1.5	0.13	4.4E-04	2.7E-02	5.3E-01	b	Kd c	KH a
beta-Hexachlorocyclohexane	2.0E-03	2.5E+00	0.30	1.5	0.13	3.1E-05	5.4E-03	1.1E-01	b	Kd c	KH a
delta-Hexachlorocyclohexane	1.0E-02	5.6E+00	0.30	1.5	0.13	2.1E-04	5.8E-02	1.2E+00	b	Kd f	KH a
Lithium	6.7E-02	3.0E+02	0.30	1.5	0.13	0.0E+00	2.0E+01	4.0E+02	b	Kd a	-
Magnesium	1.9E+02	4.5E+00	0.30	1.5	0.13	0.0E+00	8.9E+02	1.8E+04	b	Kd a	-
Manganese	2.0E-02	6.5E+01	0.30	1.5	0.13	0.0E+00	1.3E+00	2.6E+01	c	Kd a	-
Mercury	2.0E-03	5.2E+01	0.30	1.5	0.13	3.5E-01	1.0E-01	2.1E+00	d	Kd b	KH b
Molybdenum	1.7E-01	2.0E+01	0.30	1.5	0.13	0.0E+00	3.4E+00	6.7E+01	b	Kd a	-
Niobium	3.3E-03	3.5E+02	0.30	1.5	0.13	0.0E+00	1.2E+00	2.3E+01	d	Kd a	-
Nitrate	1.0E+01	5.0E-01	0.30	1.5	0.13	0.0E+00	7.0E+00	1.4E+02	d	Kd d	-
Perchlorate	1.8E-02	8.3E-01	0.30	1.5	0.13	0.0E+00	1.9E-02	3.7E-01	b	Kd e	-
Platinum	1.7E-02	9.0E+01	0.30	1.5	0.13	0.0E+00	1.5E+00	3.0E+01	c	Kd a	-
Silver	1.0E-01	8.3E+00	0.30	1.5	0.13	0.0E+00	8.5E-01	1.7E+01	c	Kd b	-
Titanium	1.3E+02	1.0E+03	0.30	1.5	0.13	0.0E+00	1.3E+05	2.7E+06	b	Kd a	-
Tungsten	2.5E-01	1.5E+02	0.30	1.5	0.13	0.0E+00	3.8E+01	7.5E+02	b	Kd a	-
Uranium	3.0E-02	4.5E+02	0.30	1.5	0.13	0.0E+00	1.4E+01	2.7E+02	d	Kd a	-
<b>Developed by Ramboll Environ</b>											
1,2,3,4,6,7,8-Heptachlorodibenzofuran	3.0E-06	1.3E+03	0.30	1.5	0.13	5.8E-04	3.9E-03	7.8E-02	e	Kd g	KH c
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	3.0E-06	2.3E+03	0.30	1.5	0.13	7.2E-03	7.0E-03	1.4E-01	e	Kd g	KH c
1,2,3,4,7,8,9-Heptachlorodibenzofuran	3.0E-06	1.3E+03	0.30	1.5	0.13	5.8E-04	3.9E-03	7.8E-02	e	Kd g	KH c
1,2,3,4,7,8-Hexachlorodibenzofuran	3.0E-07	7.8E+02	0.30	1.5	0.13	1.6E-03	2.3E-04	4.7E-03	e	Kd g	KH c
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	3.0E-07	1.4E+03	0.30	1.5	0.13	1.6E-04	4.2E-04	8.3E-03	e	Kd g	KH c
1,2,3,6,7,8-Hexachlorodibenzofuran	3.0E-07	7.8E+02	0.30	1.5	0.13	1.6E-03	2.3E-04	4.7E-03	e	Kd g	KH c
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	3.0E-07	1.4E+03	0.30	1.5	0.13	7.9E-05	4.2E-04	8.3E-03	e	Kd g	KH c
1,2,3,7,8,9-Hexachlorodibenzofuran	3.0E-07	7.8E+02	0.30	1.5	0.13	3.5E-04	2.3E-04	4.7E-03	e	Kd g	KH c
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	3.0E-07	1.4E+03	0.30	1.5	0.13	7.9E-05	4.2E-04	8.3E-03	e	Kd g	KH c
1,2,3,7,8-Pentachlorodibenzofuran	1.0E-06	4.7E+02	0.30	1.5	0.13	2.1E-04	4.7E-04	9.3E-03	e	Kd g	KH c
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	3.0E-08	8.3E+02	0.30	1.5	0.13	1.1E-04	2.5E-05	5.0E-04	e	Kd g	KH c
2,3,4,6,7,8-Hexachlorodibenzofuran	3.0E-07	7.8E+02	0.30	1.5	0.13	2.8E-04	2.3E-04	4.7E-03	e	Kd g	KH c
2,3,4,7,8-Pentachlorodibenzofuran	1.0E-07	4.7E+02	0.30	1.5	0.13	2.1E-04	4.7E-05	9.3E-04	e	Kd g	KH c
2,3,7,8-Tetrachlorodibenzofuran	3.0E-07	2.8E+02	0.30	1.5	0.13	6.8E-04	8.4E-05	1.7E-03	e	Kd g	KH c
2,3,7,8-Tetrachlorodibenzo-p-dioxin	3.0E-08	5.0E+02	0.30	1.5	0.13	2.0E-03	1.5E-05	3.0E-04	d	Kd h	KH d
Octachlorodibenzofuran	1.0E-04	3.9E+03	0.30	1.5	0.13	2.8E-04	3.9E-01	7.8E+00	e	Kd g	KH c
Octachlorodibenzo-p-dioxin	1.0E-04	2.2E+03	0.30	1.5	0.13	7.7E-05	2.2E-01	4.4E+00	e	Kd g	KH c
1-Methylnaphthalene	6.2E-03	5.1E+00	0.30	1.5	0.13	2.1E-02	3.3E-02	6.5E-01	f	Kd h	KH d
2-Butanone	6.9E+00	2.7E-02	0.30	1.5	0.13	1.1E-03	1.6E+00	3.1E+01	b	Kd i	KH e
Aroclor-1260	3.9E-05	7.0E+02	0.30	1.5	0.13	1.4E-02	2.7E-02	5.5E-01	b	Kd h	KH d
Benzo[ghi]perylene	1.0E+00	1.1E+03	0.30	1.5	0.13	1.1E-05	1.1E+03	2.3E+04	b	Kd j	KH f
Chromium (total)	1.0E-01	8.5E+02	0.30	1.5	0.13	0.0E+00	8.5E+01	1.7E+03	d	Kd k	-
Dimethyl phthalate	3.3E+02	6.3E-02	0.30	1.5	0.13	8.1E-06	8.8E+01	1.8E+03	b	Kd l	KH g
Lead	1.5E-02	9.0E+02	0.30	1.5	0.13	0.0E+00	1.4E+01	2.7E+02	d	Kd m	-
Phenanthrene	6.2E-03	2.2E+01	0.30	1.5	0.13	9.4E-04	1.4E-01	2.8E+00	b	Kd i	KH e
Strontium	2.0E+01	3.5E+01	0.30	1.5	0.13	0.0E+00	7.0E+02	1.4E+04	b	Kd m	-
Tin	2.0E+01	2.5E+02	0.30	1.5	0.13	0.0E+00	5.0E+03	1.0E+05	b	Kd m	-
Zirconium	2.7E-03	3.0E+03	0.30	1.5	0.13	0.0E+00	8.0E+00	1.6E+02	b	Kd m	-

**Notes:**

- = Not applicable

kg<sub>s</sub> = kilogram of soil

mg = milligram

BCL = Basic Comparison Level

L<sub>A</sub> = liter of air

L<sub>T</sub> = liter of total bulk soil (soil air, soil water, and soil)

L<sub>w</sub> = liter of water

**TABLE C-1. Groundwater Basic Comparison Levels (BCLs) and Leaching Based Basic Comparison Levels (LBCLs) Nevada Environmental Response Trust Site, Henderson, Nevada**

**Notes (continued):**

DAF = Dilution-Attenuation Factor  
 HSDB = Hazardous Substances Data Bank  
 $K_H$  = Dimensionless Henry's Constant  
 $K_d$  = Soil-Water Partition Coefficient  
 LBCL = Leaching-Based Comparison Level  
 MCL = Maximum Contaminant Level  
 NDEP = Nevada Division of Environmental Protection  
 RAIS = Risk Assessment Information System  
 RSL = Regional Screening Level  
 TEF = Toxic Equivalency Factor  
 USEPA = United States Environmental Protection Agency  
 $\theta_a$  = Air-filled porosity (default value from USEPA 1996)  
 $\theta_w$  = moisture content (default value from USEPA 1996)  
 $\rho_b$  = Dry bulk density (default value from USEPA 1996)

Hierarchy of values used for  $BCL_{gw}$  as follows: 1) Primary Federal MCL (USEPA 2009), 2) Secondary Federal MCL (USEPA 2009), and 3) NDEP tap water BCLs (NDEP 2015).

- a - Minimum of range given for secondary MCL for aluminum (0.05 to 0.2 mg/L<sub>w</sub>).
- b - NDEP tap water BCL.
- c - Secondary MCL.
- d - Primary MCL.
- e - Primary MCL of 2,3,7,8-tetrachlorodibenzo-p-dioxin divided by TEF (Van den Berg et al. 2006).
- f - NDEP tap water noncancer BCL for naphthalene as a surrogate.

Kd a - Value from Figure 2.31 of Baes et al. 1984.

Kd b - Value from Table 46 of USEPA 1996 (at default pH value of 6.8).

Kd c - Value is Koc from Appendix C, Table C-3 of USEPA 1996 multiplied by the default fraction of organic carbon in soil of 0.002.

Kd d - Value is from Serne 2007.

Kd e - Value is from Clausen et al. 2007.

Kd f - Value is Koc from RAIS online database multiplied by the default fraction of organic carbon in soil of 0.002. Note, in the NDEP BCL table, Koc was entered as Kd. Ramboll Environ made the correction.

Kd g - Value is Koc from RAIS online database multiplied by the default fraction of organic carbon in soil of 0.002.

Kd h - Value is Koc from USEPA RSL table (USEPA 2015) multiplied by the default fraction of organic carbon in soil of 0.002.

Kd i - Value is from NDEP BCL table (NDEP 2015).

Kd j - Value is Koc from HSDB online database multiplied by the default fraction of organic carbon in soil of 0.002.

Kd k - Value is from RAIS online database for chromium salts.

Kd l - Value is Koc from from EPIsuite (USEPA 2012) multiplied by the default fraction of organic carbon in soil of 0.002.

Kd m - Value is from USEPA RSL table (USEPA 2015).

KH a - Value is from Appendix C, Table C-3 of USEPA 1996.

KH b - Value is from USEPA RSL table (USEPA 2015) for elemental mercury.

KH c - Value is from RAIS online database: <http://rais.ornl.gov/>

KH d - Value is from USEPA RSL table (USEPA 2015).

KH e - Value is from NDEP BCL table (NDEP 2015).

KH f - Value is from HSDB online database at: <http://toxnet.nlm.nih.gov/cgi-bin/sis/htmlgen?HSDB>

KH g - Value is from from EPIsuite (USEPA 2012).

**Sources:**

Baes CF, Sharp RD, Sjoreen AL, and Shor RW. 1984. A Review and Analysis of Parameters for Assessing Transport of Environmentally Released Radionuclides through Agriculture. Oak Ridge National Laboratory, Oak Ridge, Tennessee.

Clausen et al. 2007. Conceptual Model for the Transport of Energetic Residues from Surface Soil to Groundwater by Range Activities. Hanover, NH.

NDEP. 2015. User's Guide and Background Technical Document for NDEP Basic Comparison Levels (BCLs) for Human Health for the BMI Complex and Common Areas. Revision 13, February.

Serne R.J. 2007. Kd Values for Agricultural and Surface Soils in Use in Hanford Site Farm, Residential, and River Shoreline Scenarios. Technical Report for Groundwater Protection Project – Characterization of Systems Task. Prepared for Fluor Hanford, Inc. and the U. S. Department of Energy under Contract DE-ACE05-76RL01830.

USEPA. 1996. Soil Screening Guidance: Technical Background Document. EPA/540/R95/128. Office of Emergency and Remedial Response, Washington, DC.

USEPA. 2009. National Primary and Secondary Drinking Water Regulation. May.

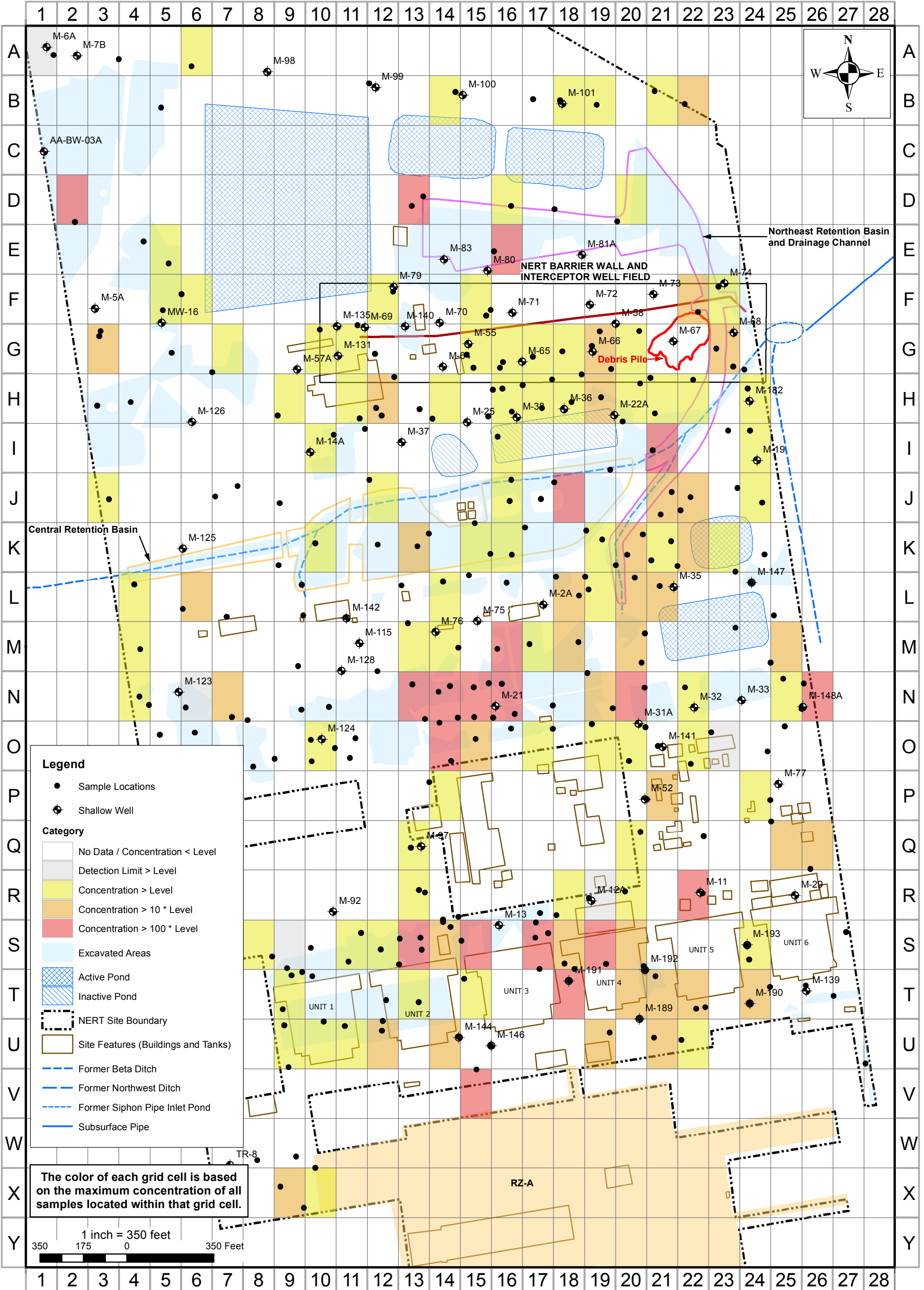
USEPA. 2012. Estimation Programs Interface Suite™ for Microsoft® Windows, v 4.11. Washington, DC, USA.

USEPA. 2015. Regional Screening Levels. November.

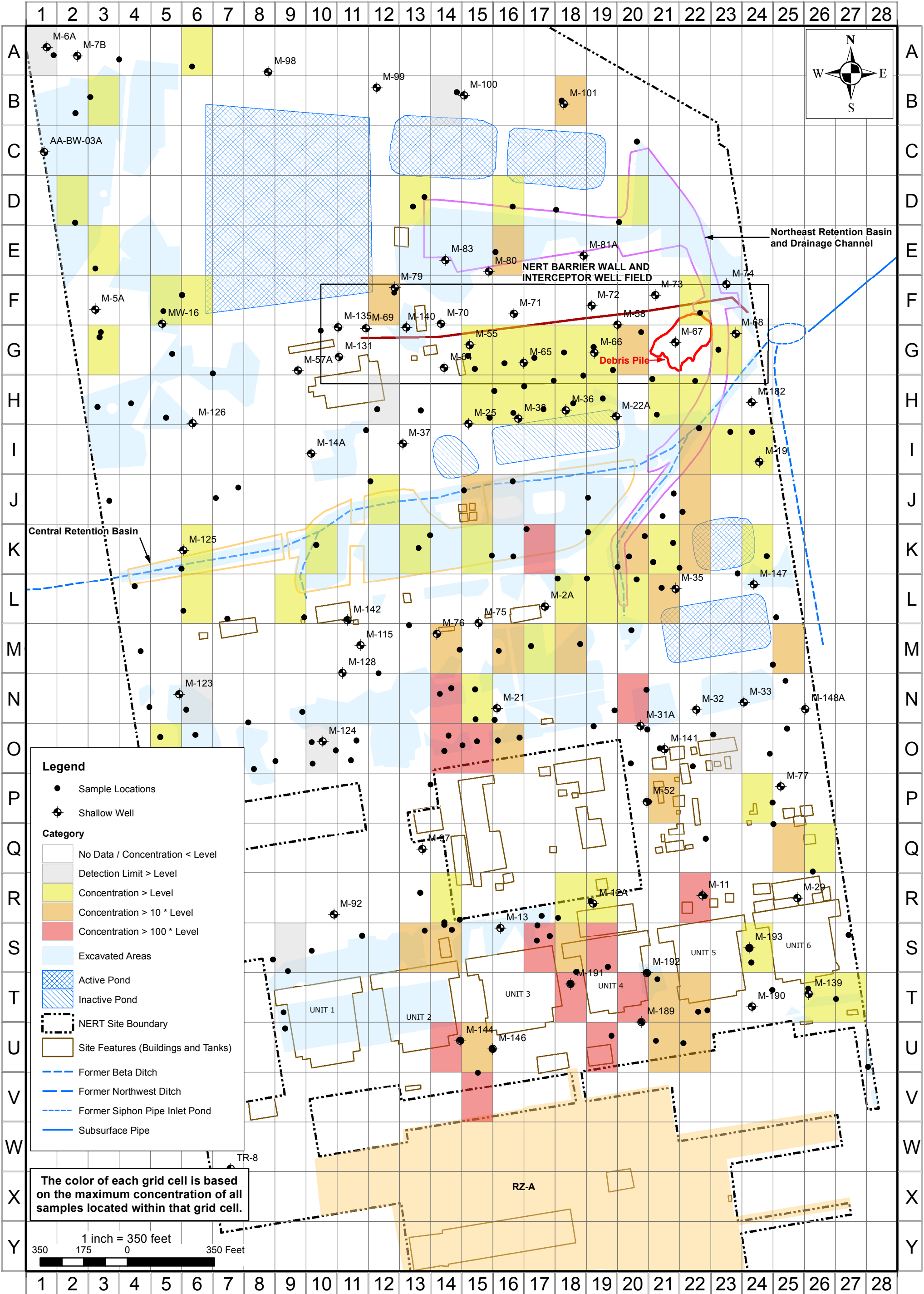
Van den Berg M et al. 2006. Review: The 2005 World Health Organization Reevaluation of Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-Like Compounds. Toxicological Sciences 93 (2): 223-241.

Technical Memorandum,  
Remedial Investigation Data Evaluation  
Nevada Environmental Response Trust Site  
Henderson, Nevada

**APPENDIX C-2**  
**FIGURES SHOWING EXTENT OF COPCs IN SOIL**



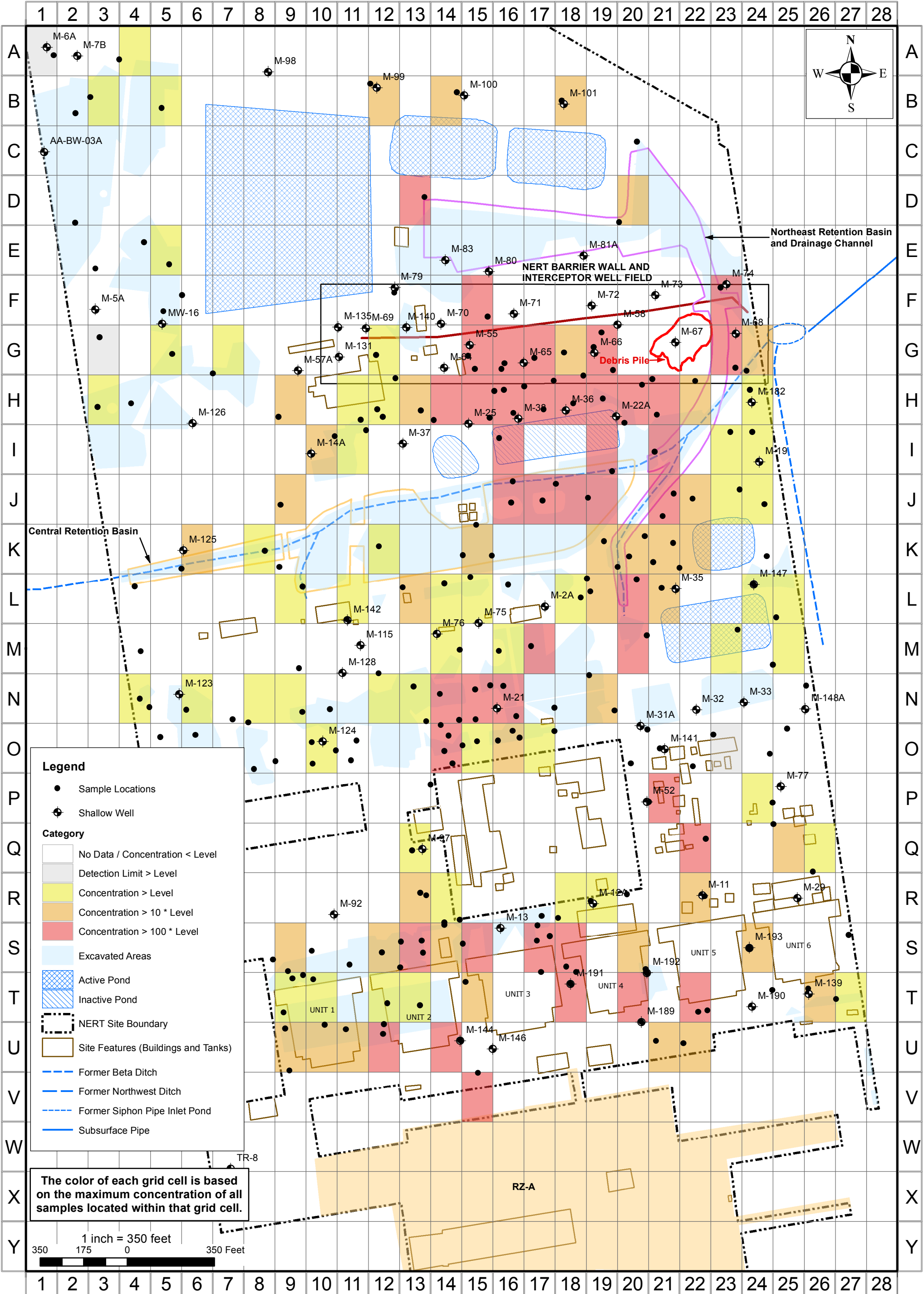




**CHLORATE SOIL CONCENTRATIONS > 1,030 µg/kg, 10-20 FEET BGS**  
**RI Evaluation**

Nevada Environmental Response Trust Site  
Henderson, Nevada

FIGURE  
**C-2**

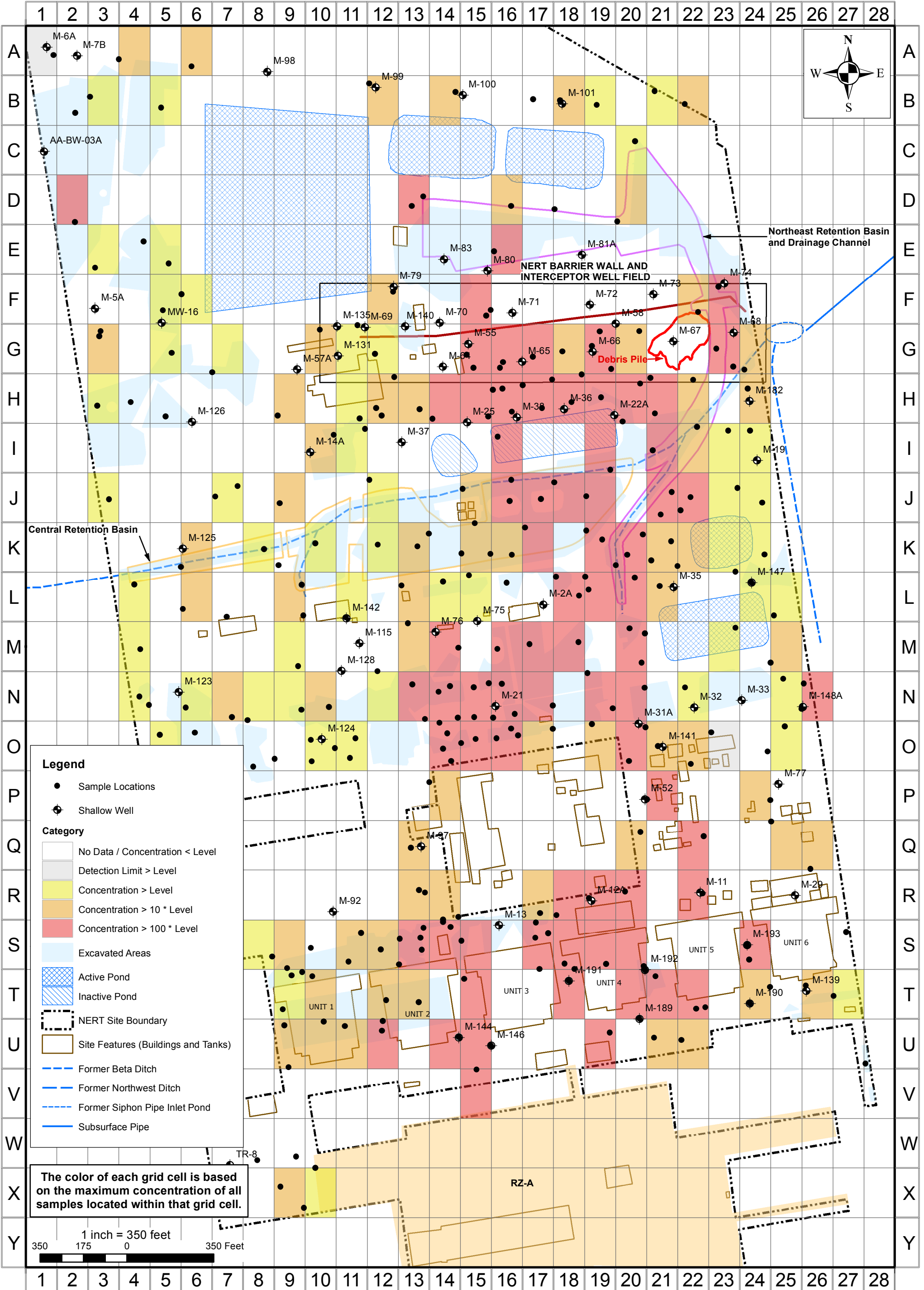


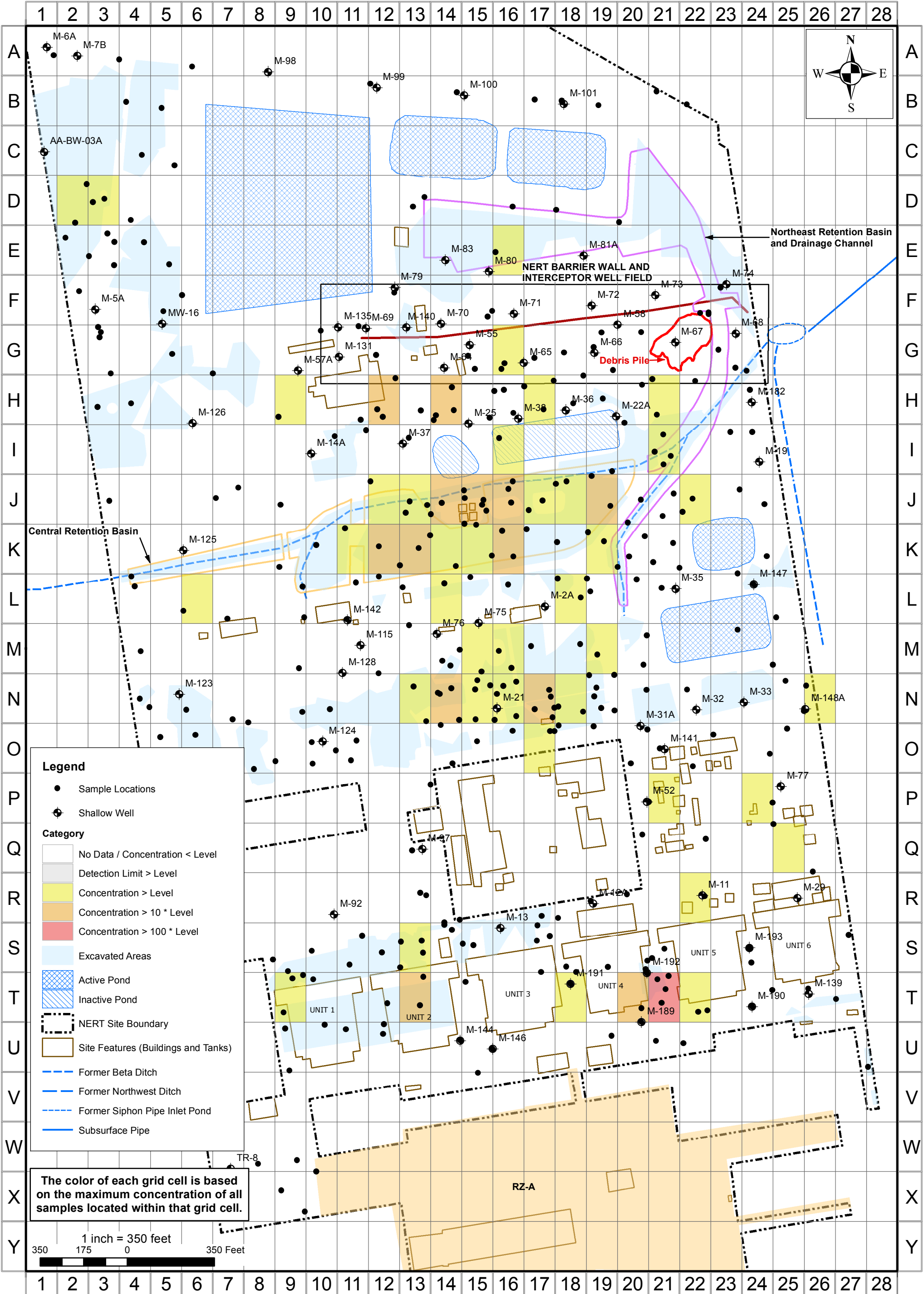
**CHLORATE SOIL CONCENTRATIONS >1,030 µg/kg, 20-30 FEET BGS**  
**RI Evaluation**

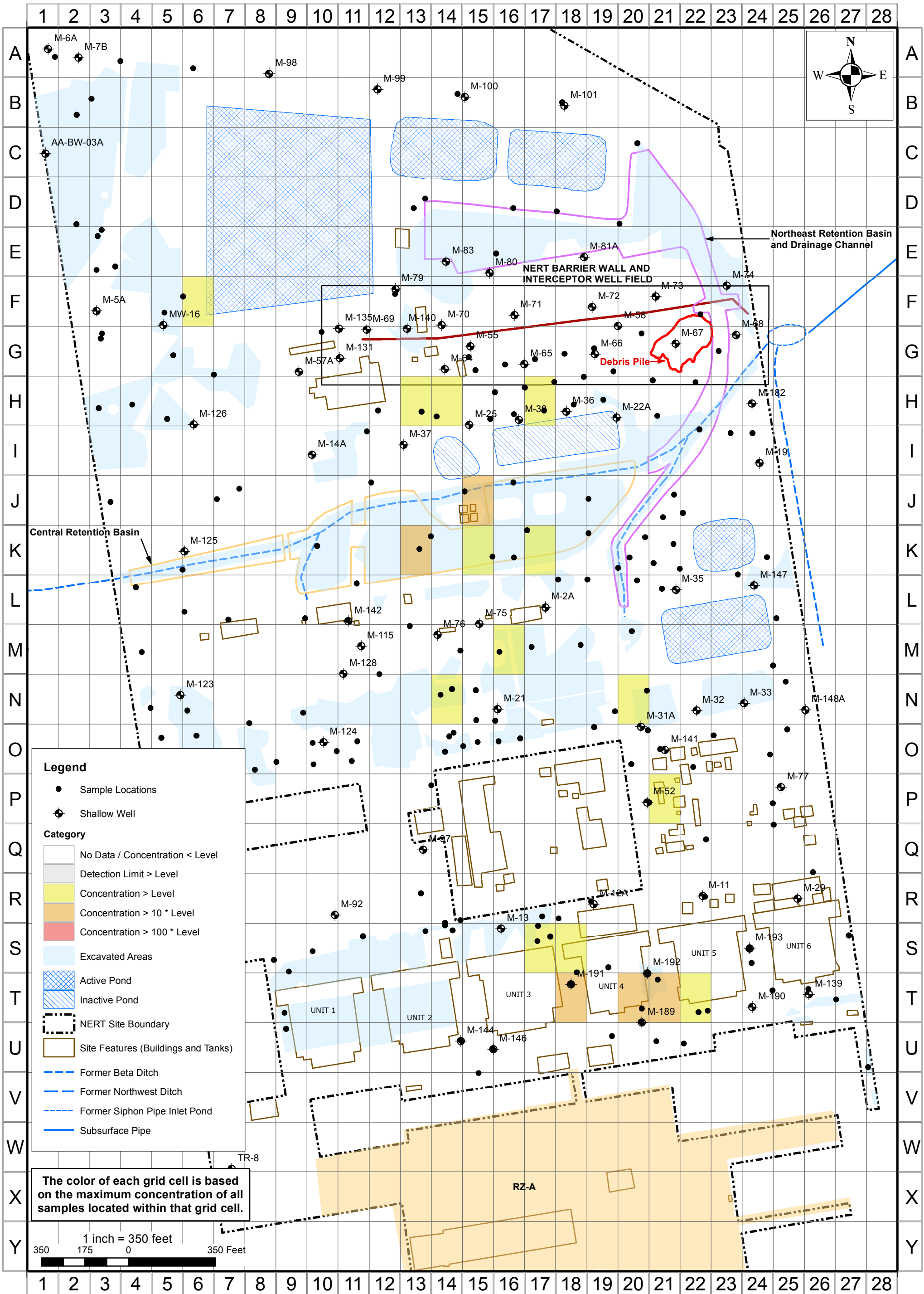
Nevada Environmental Response Trust Site  
Henderson, Nevada

FIGURE  
**C-3**









**PERCHLORATE SOIL CONCENTRATIONS > 100 mg/kg, 10-20 FEET BGS**  
**RI Evaluation**

Nevada Environmental Response Trust Site  
Henderson, Nevada

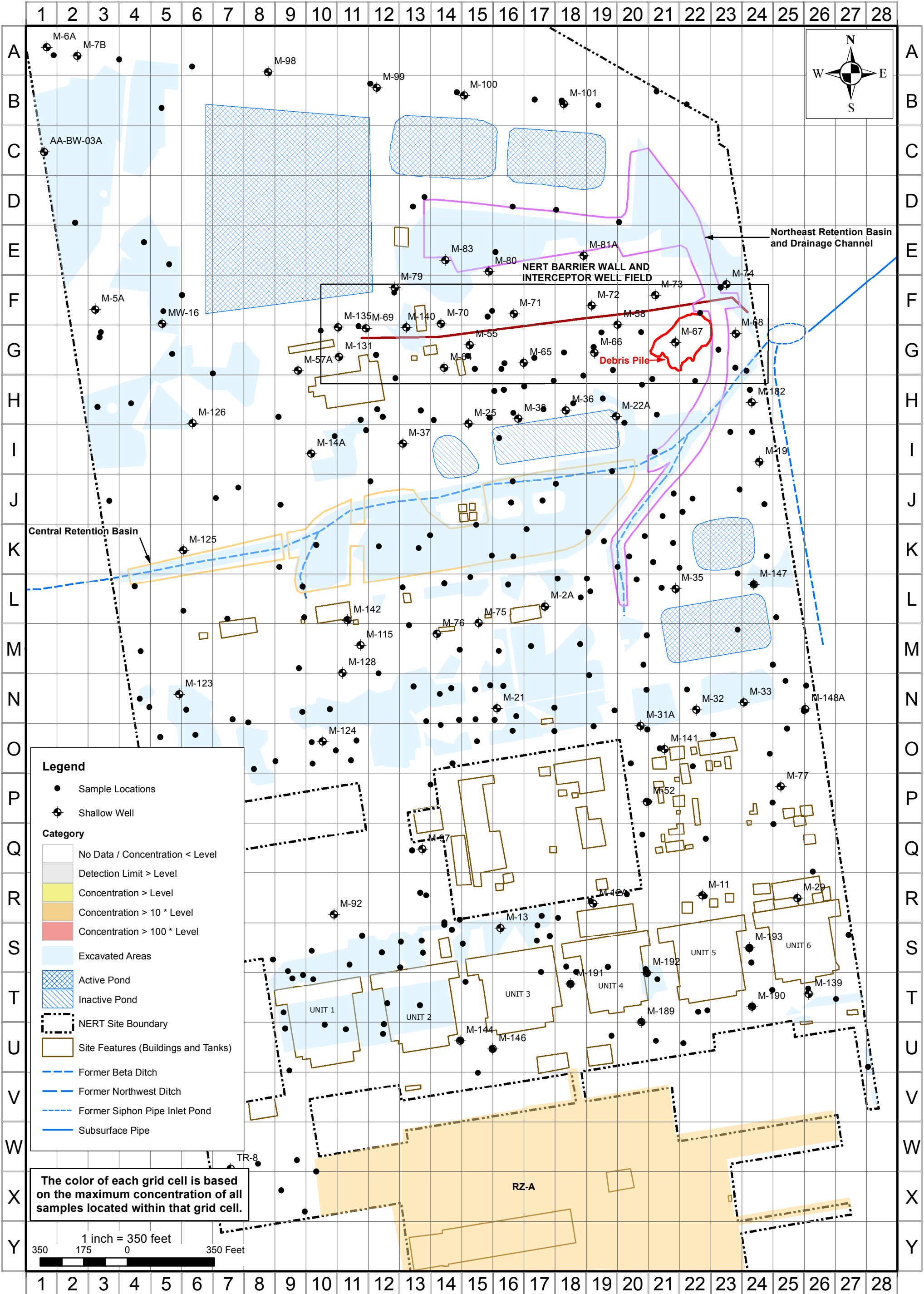
FIGURE  
**C-6**









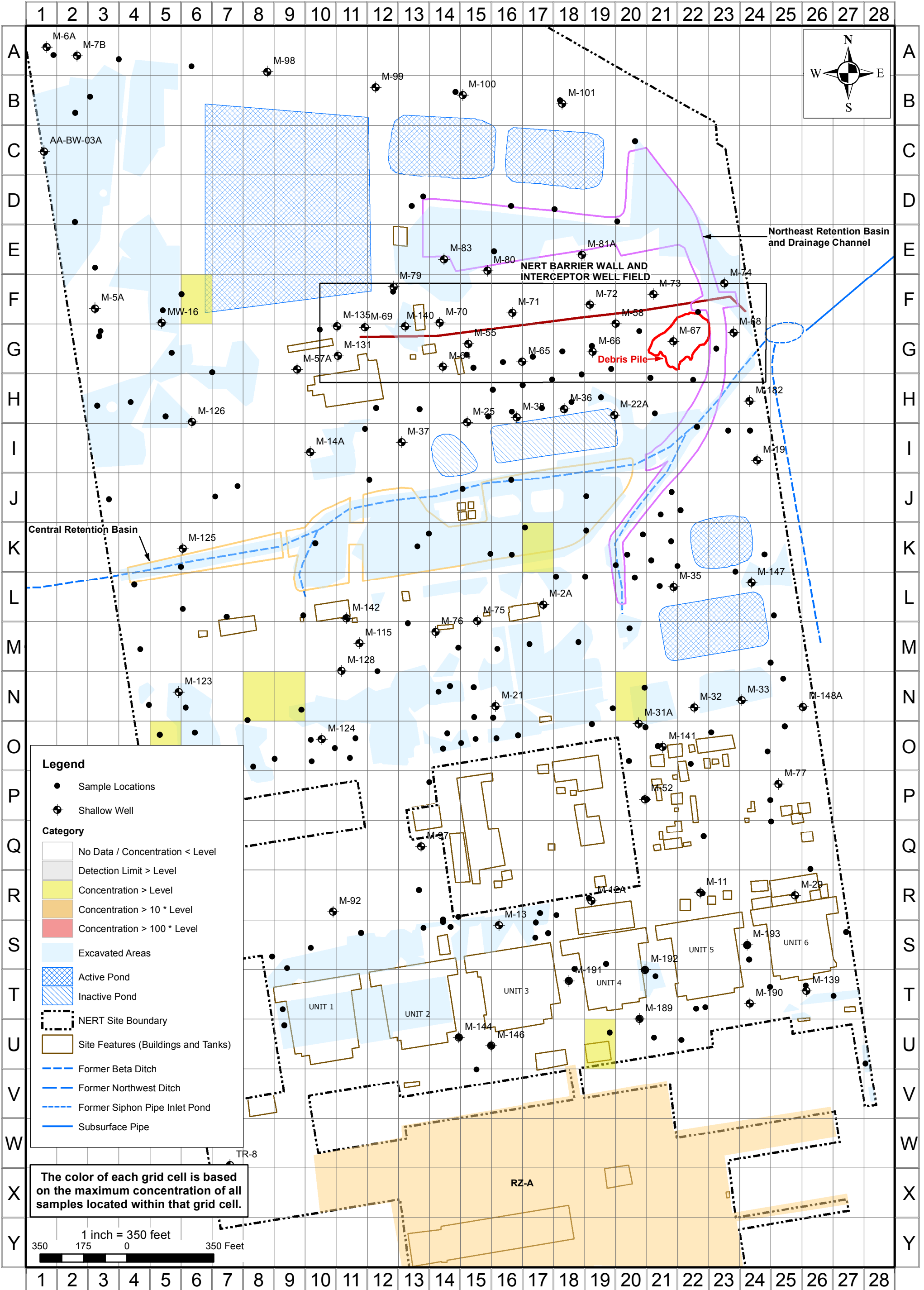


**ALUMINUM SOIL CONCENTRATIONS >15,000 mg/kg, 0-10 FEET BGS**  
**RI Evaluation**

Nevada Environmental Response Trust Site  
Henderson, Nevada

FIGURE  
**C-9**

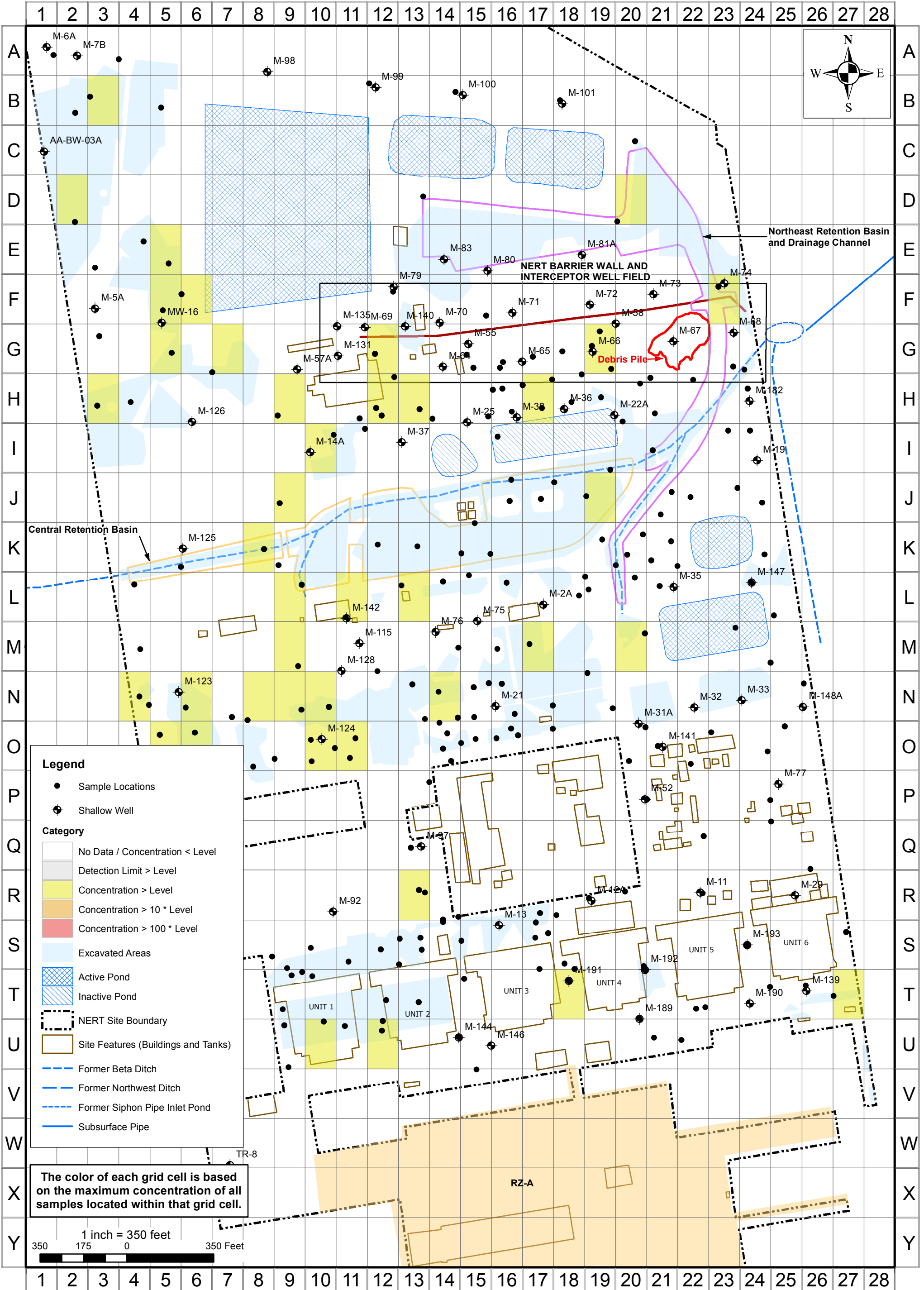




**ALUMINUM SOIL CONCENTRATIONS >15,000 mg/kg, 10-20 FEET BGS  
RI Evaluation**

Nevada Environmental Response Trust Site  
Henderson, Nevada

FIGURE  
**C-10**

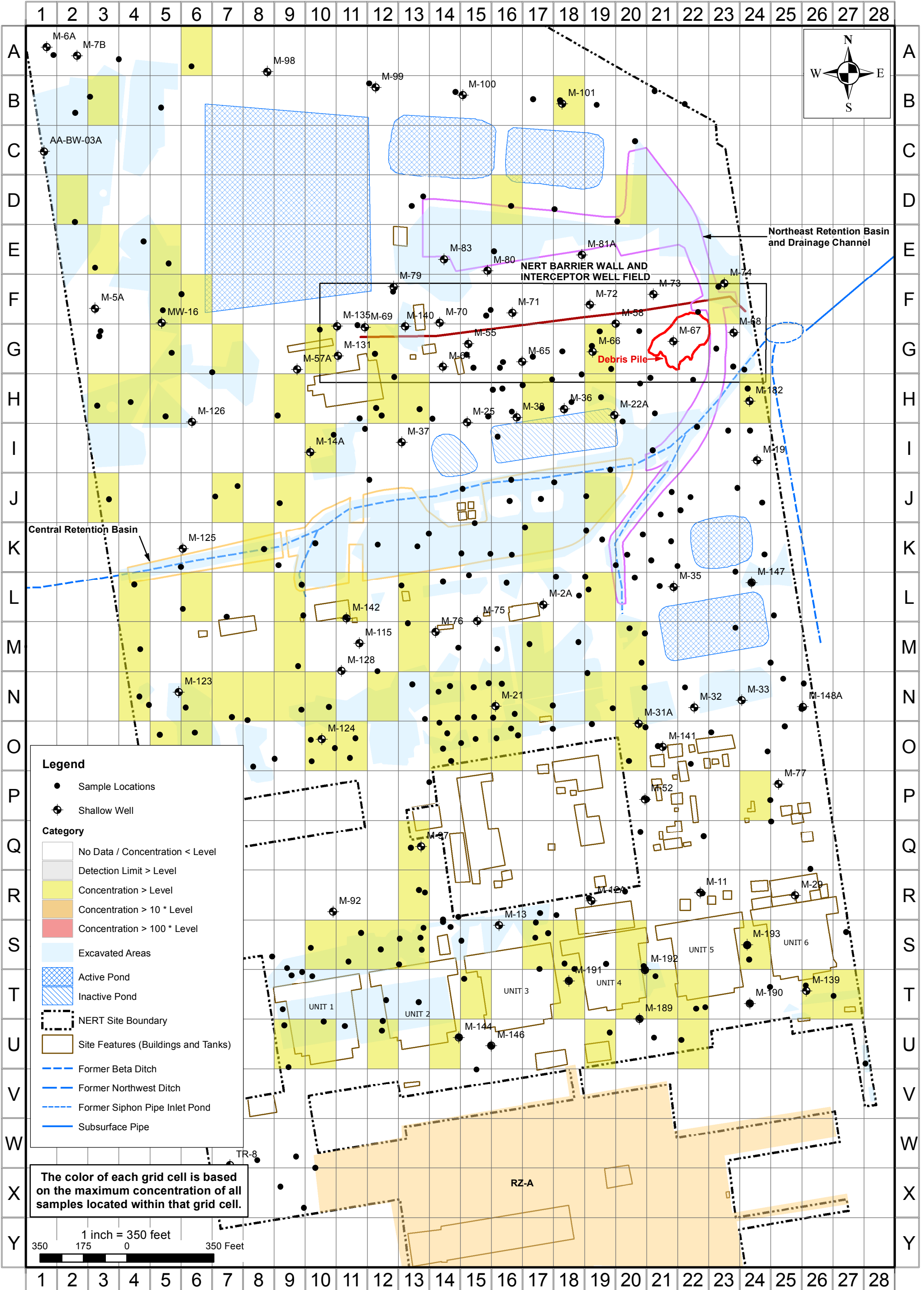


**ALUMINUM SOIL CONCENTRATIONS >15,000 mg/kg, 20-30 FEET BGS  
RI Evaluation**

Nevada Environmental Response Trust Site  
Henderson, Nevada

FIGURE  
**C-11**





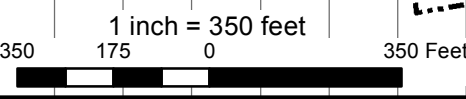
**Legend**

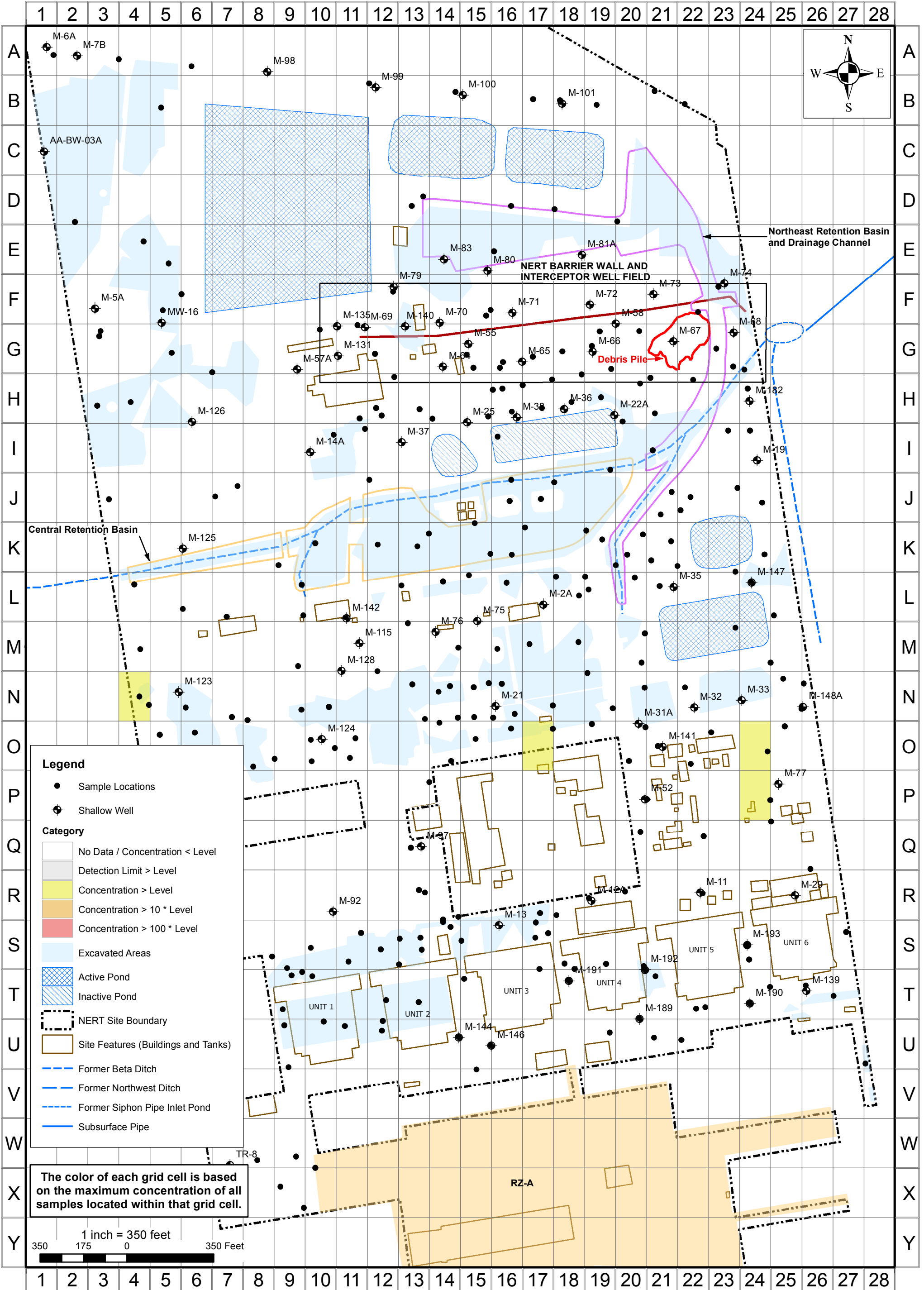
- Sample Locations
- ⊕ Shallow Well

**Category**

- No Data / Concentration < Level
- Detection Limit > Level
- Concentration > Level
- Concentration > 10 \* Level
- Concentration > 100 \* Level
- Excavated Areas
- ▨ Active Pond
- ▨ Inactive Pond
- ⊔ NERT Site Boundary
- Site Features (Buildings and Tanks)
- Former Beta Ditch
- Former Northwest Ditch
- Former Siphon Pipe Inlet Pond
- Subsurface Pipe

The color of each grid cell is based on the maximum concentration of all samples located within that grid cell.

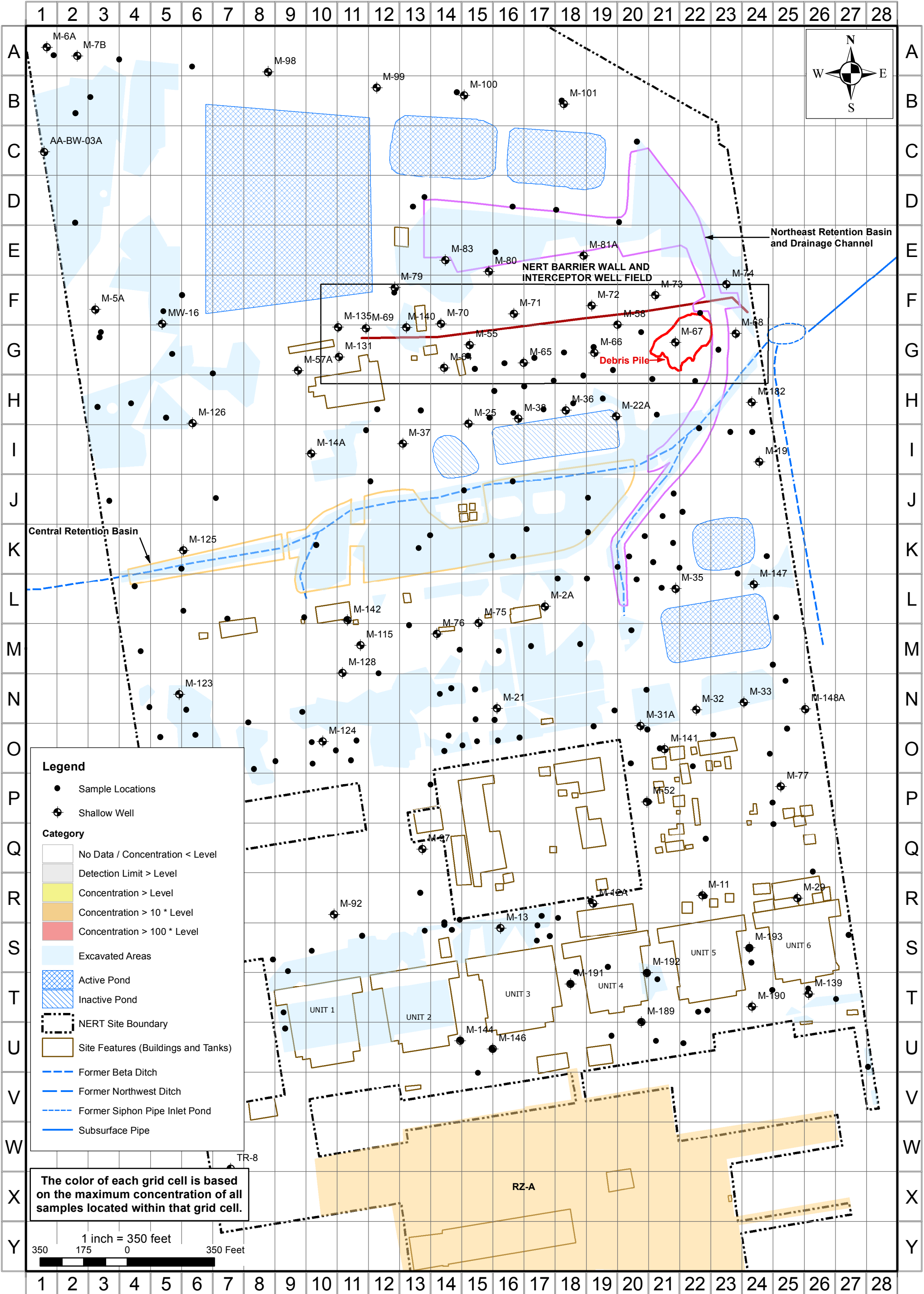




**ANTIMONY SOIL CONCENTRATIONS > 3.4 mg/kg, 0-10 FEET BGS  
RI Evaluation**

Nevada Environmental Response Trust Site  
Henderson, Nevada

FIGURE  
**C-13**

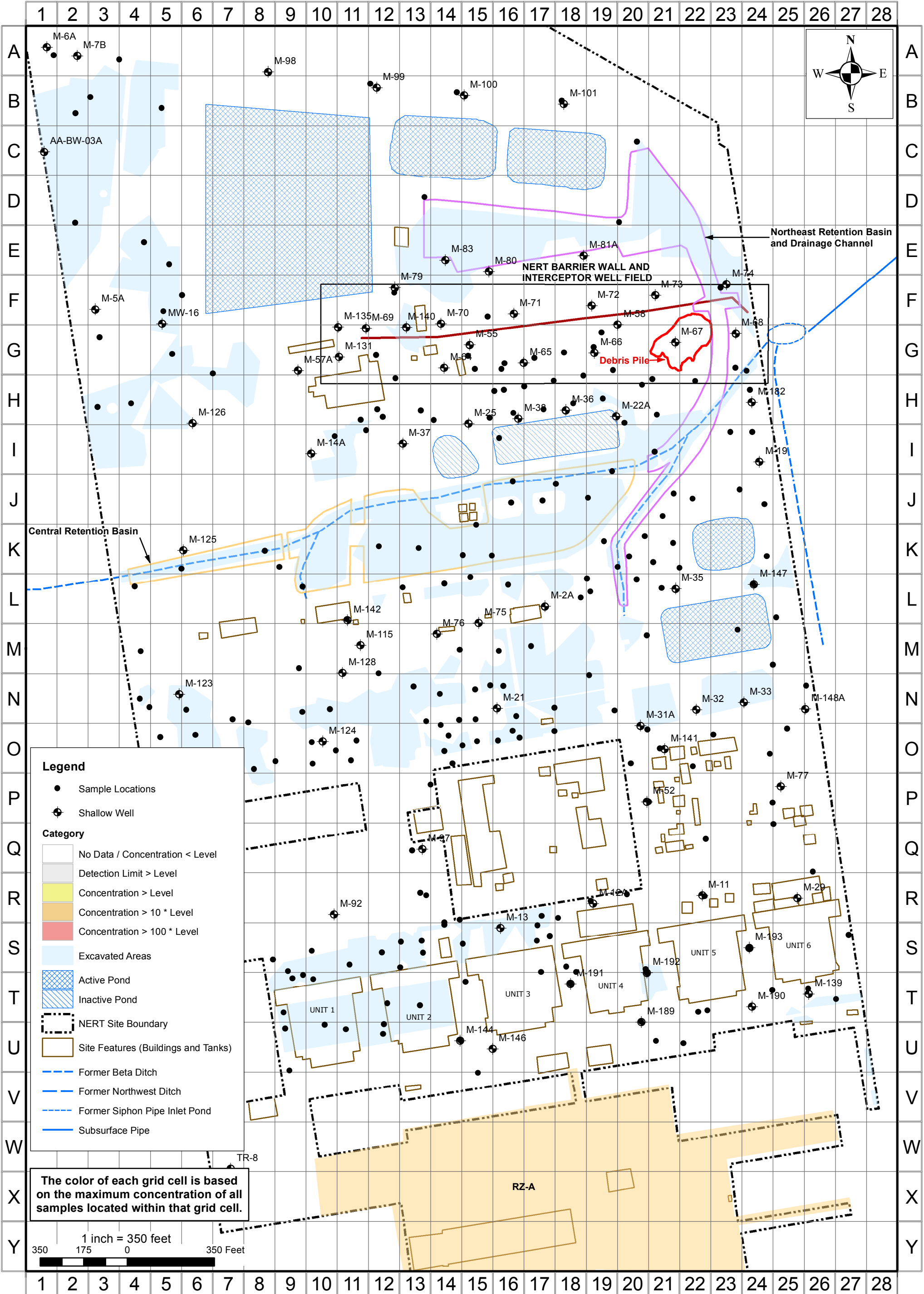


**ANTIMONY SOIL CONCENTRATIONS >3.4 mg/kg, 10-20 FEET BGS  
RI Evaluation**

Nevada Environmental Response Trust Site  
Henderson, Nevada

FIGURE  
**C-14**

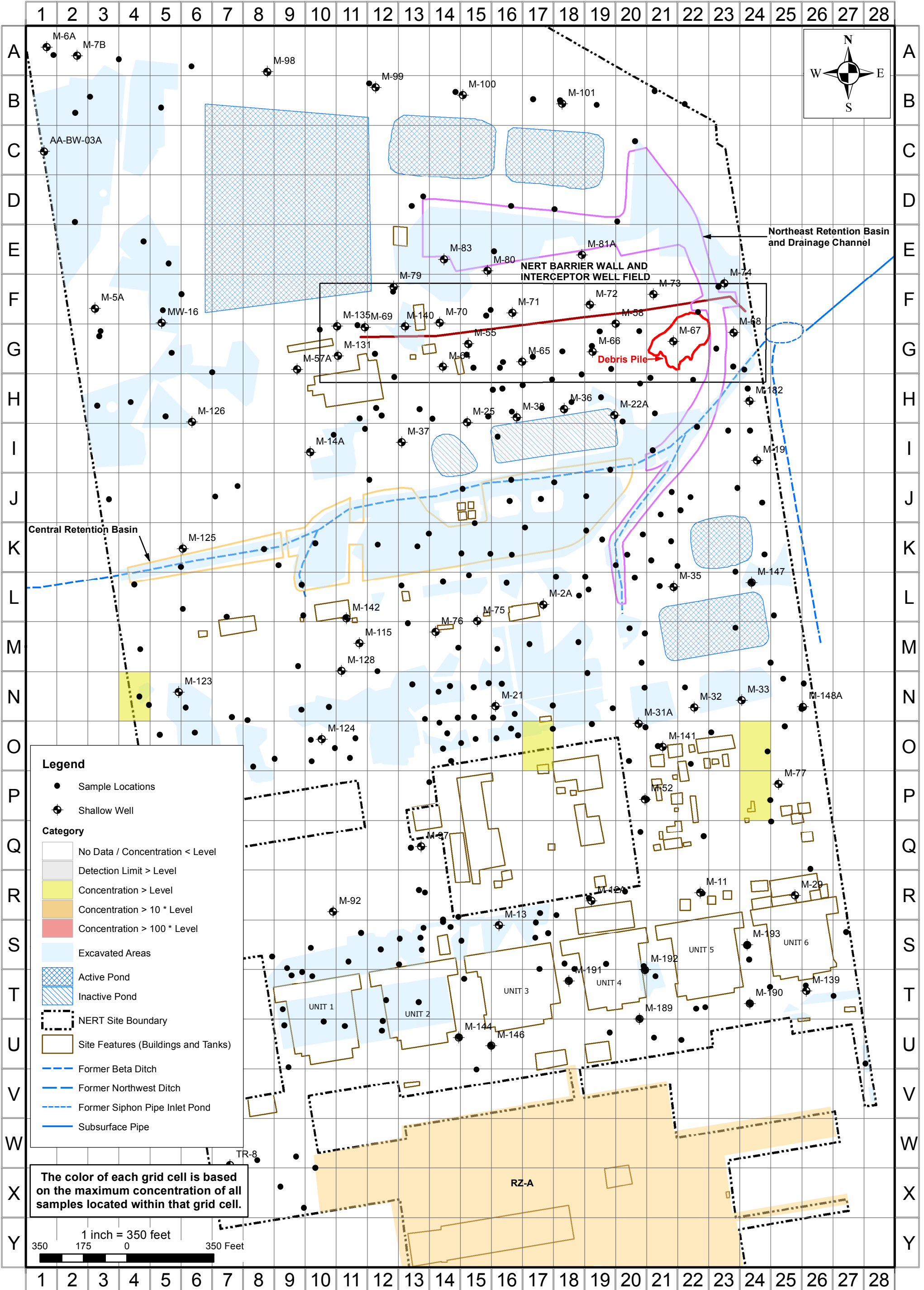




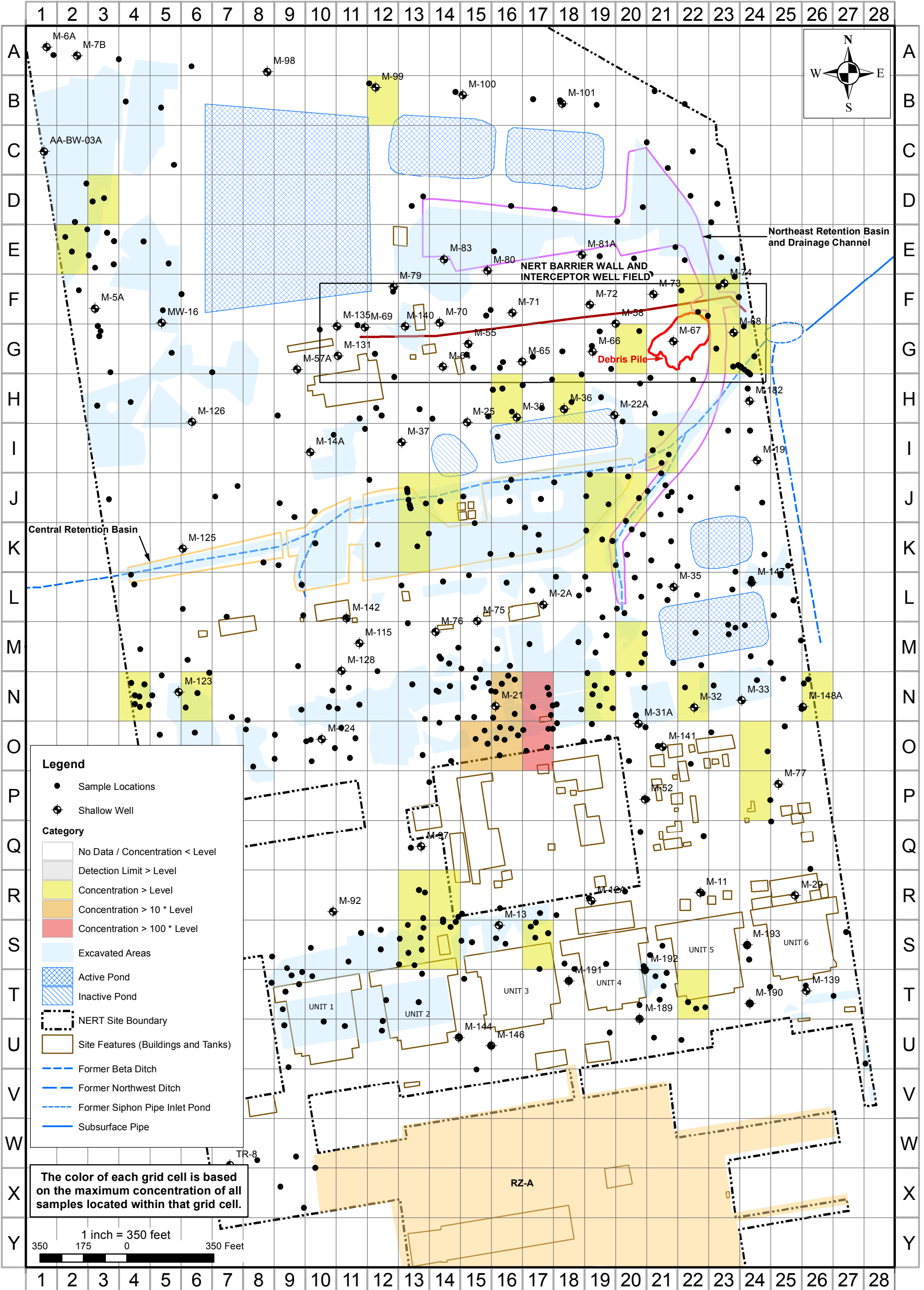
**ANTIMONY SOIL CONCENTRATIONS > 3.4 mg/kg, 20-30 FEET BGS  
RI Evaluation**

Nevada Environmental Response Trust Site  
Henderson, Nevada

FIGURE  
**C-15**



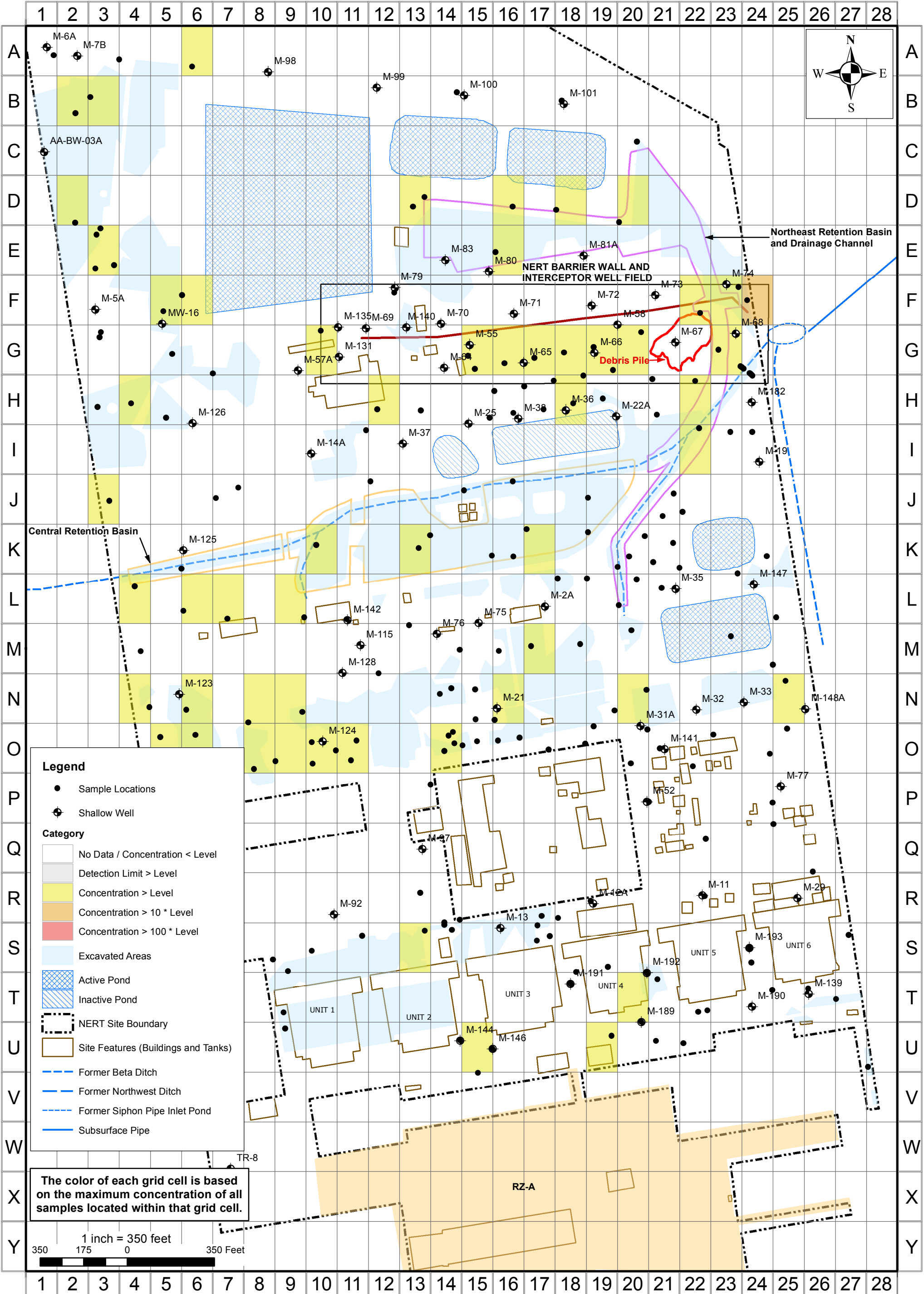




**ARSENIC SOIL CONCENTRATIONS >7.2 mg/kg, 0-10 FEET BGS  
RI Evaluation**

Nevada Environmental Response Trust Site  
Henderson, Nevada

FIGURE  
**C-17**



**ARSENIC SOIL CONCENTRATIONS >7.2 mg/kg, 10-20 FEET BGS**  
**RI Evaluation**

Nevada Environmental Response Trust Site  
Henderson, Nevada

FIGURE  
**C-18**

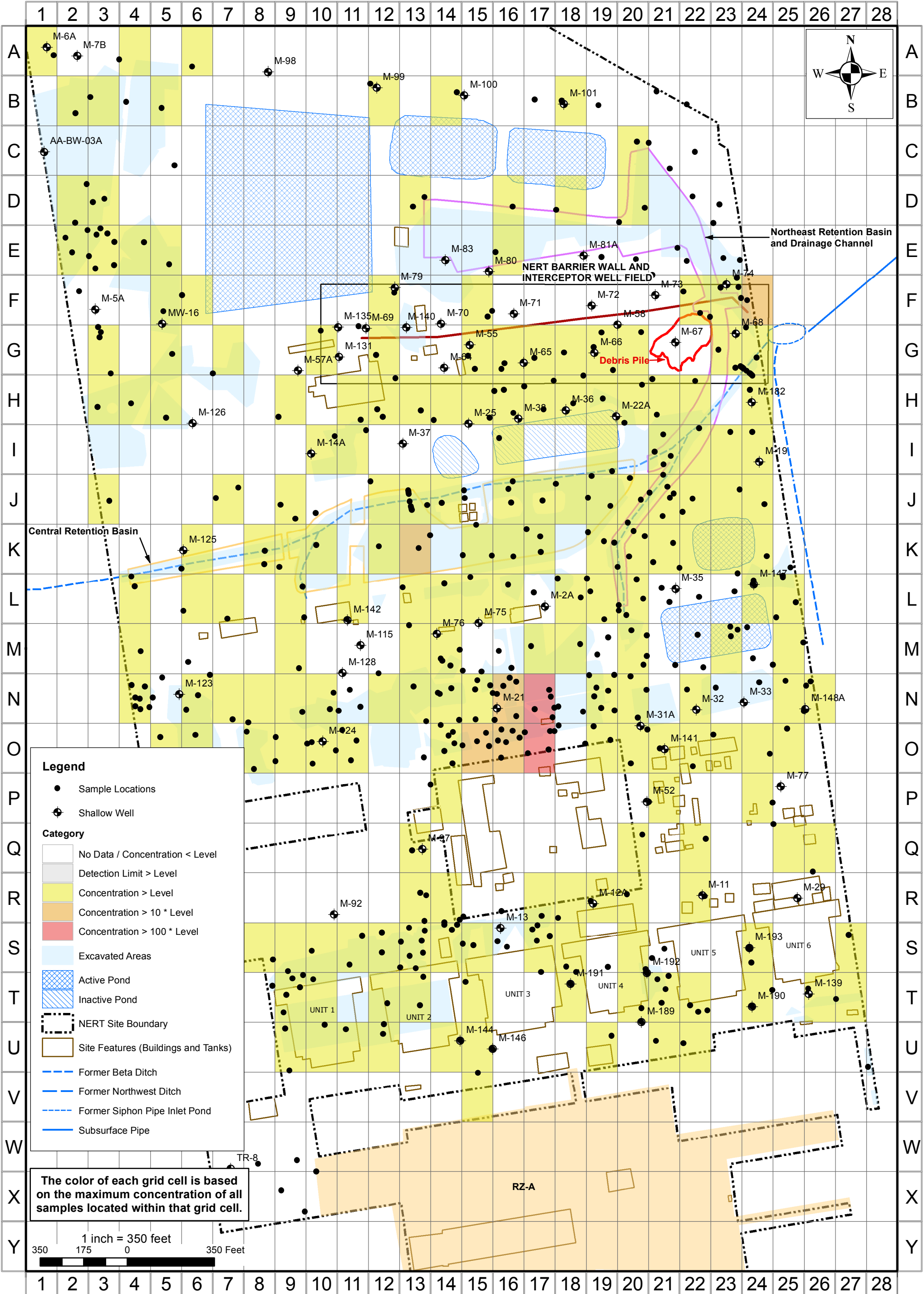


**ARSENIC SOIL CONCENTRATIONS >7.2 mg/kg, 20-30 FEET BGS  
RI Evaluation**

Nevada Environmental Response Trust Site  
Henderson, Nevada

FIGURE  
**C-19**





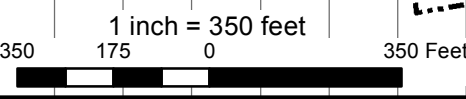
**Legend**

- Sample Locations
- ⊙ Shallow Well

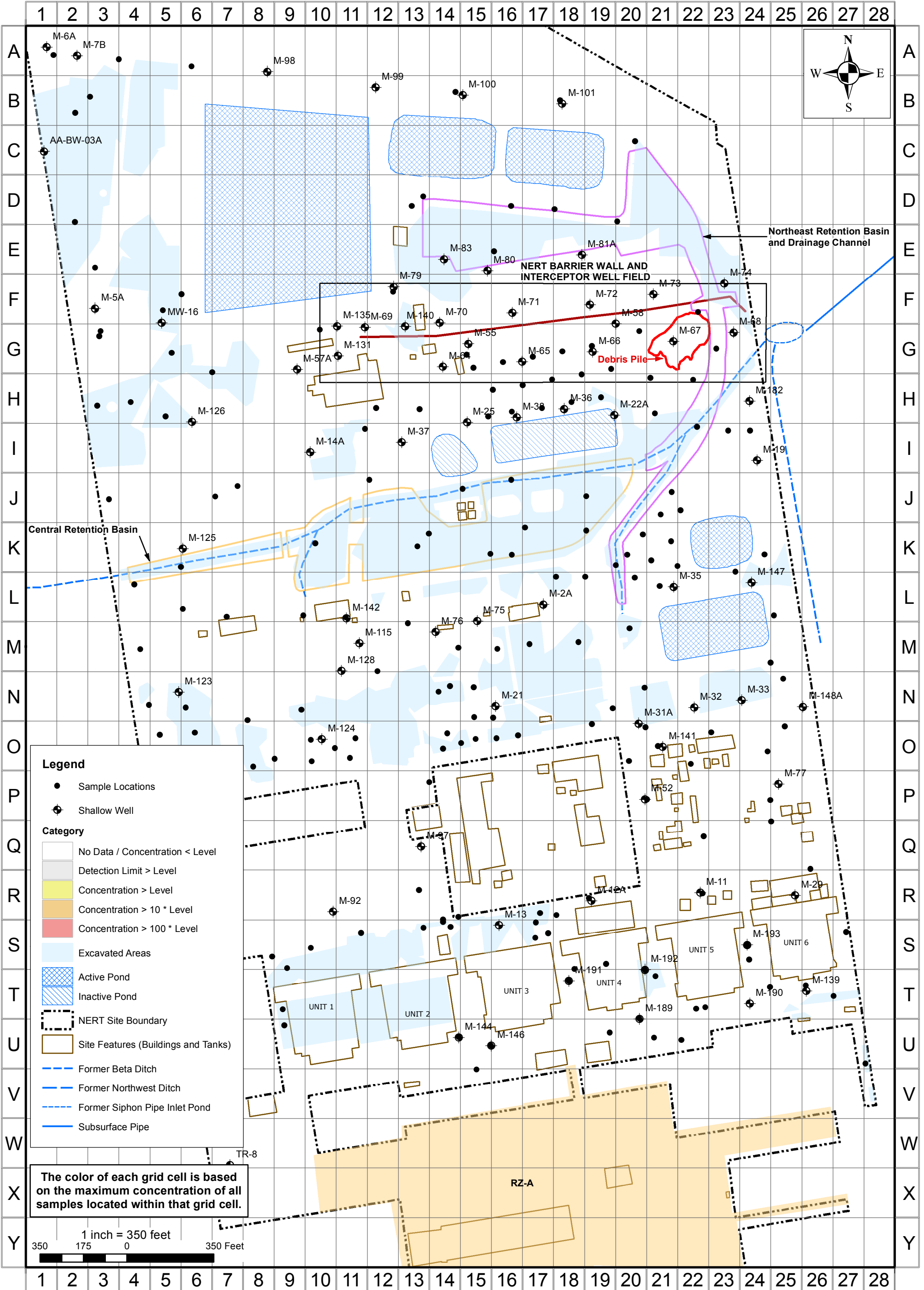
**Category**

- No Data / Concentration < Level
- Detection Limit > Level
- Concentration > Level
- Concentration > 10 \* Level
- Concentration > 100 \* Level
- Excavated Areas
- ▨ Active Pond
- ▩ Inactive Pond
- ⋯ NERT Site Boundary
- ▭ Site Features (Buildings and Tanks)
- ⋯ Former Beta Ditch
- Former Northwest Ditch
- ⋯ Former Siphon Pipe Inlet Pond
- Subsurface Pipe

The color of each grid cell is based on the maximum concentration of all samples located within that grid cell.





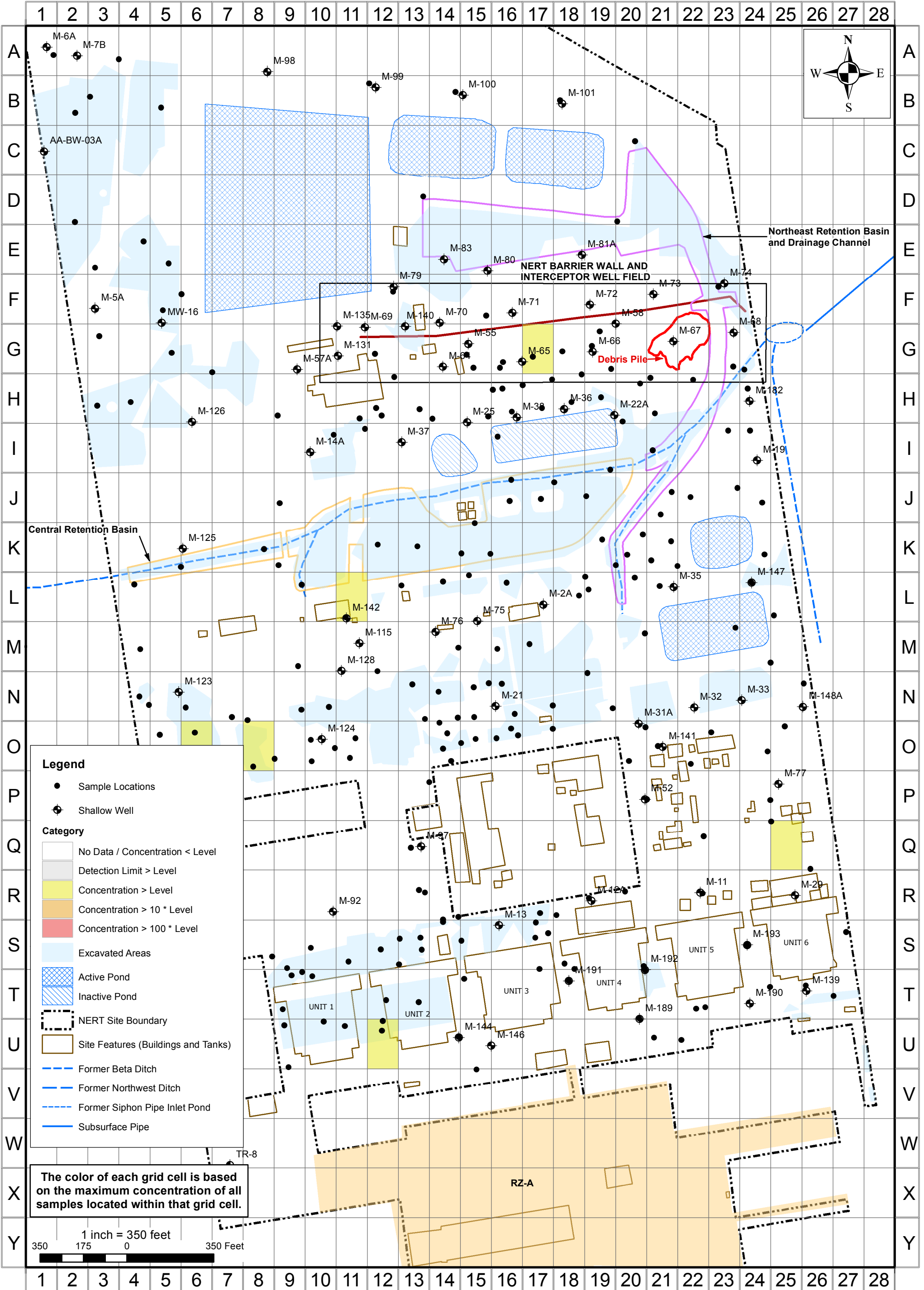


**BARIUM SOIL CONCENTRATIONS >840 mg/kg, 10-20 FEET BGS  
RI Evaluation**

Nevada Environmental Response Trust Site  
Henderson, Nevada

FIGURE  
**C-22**

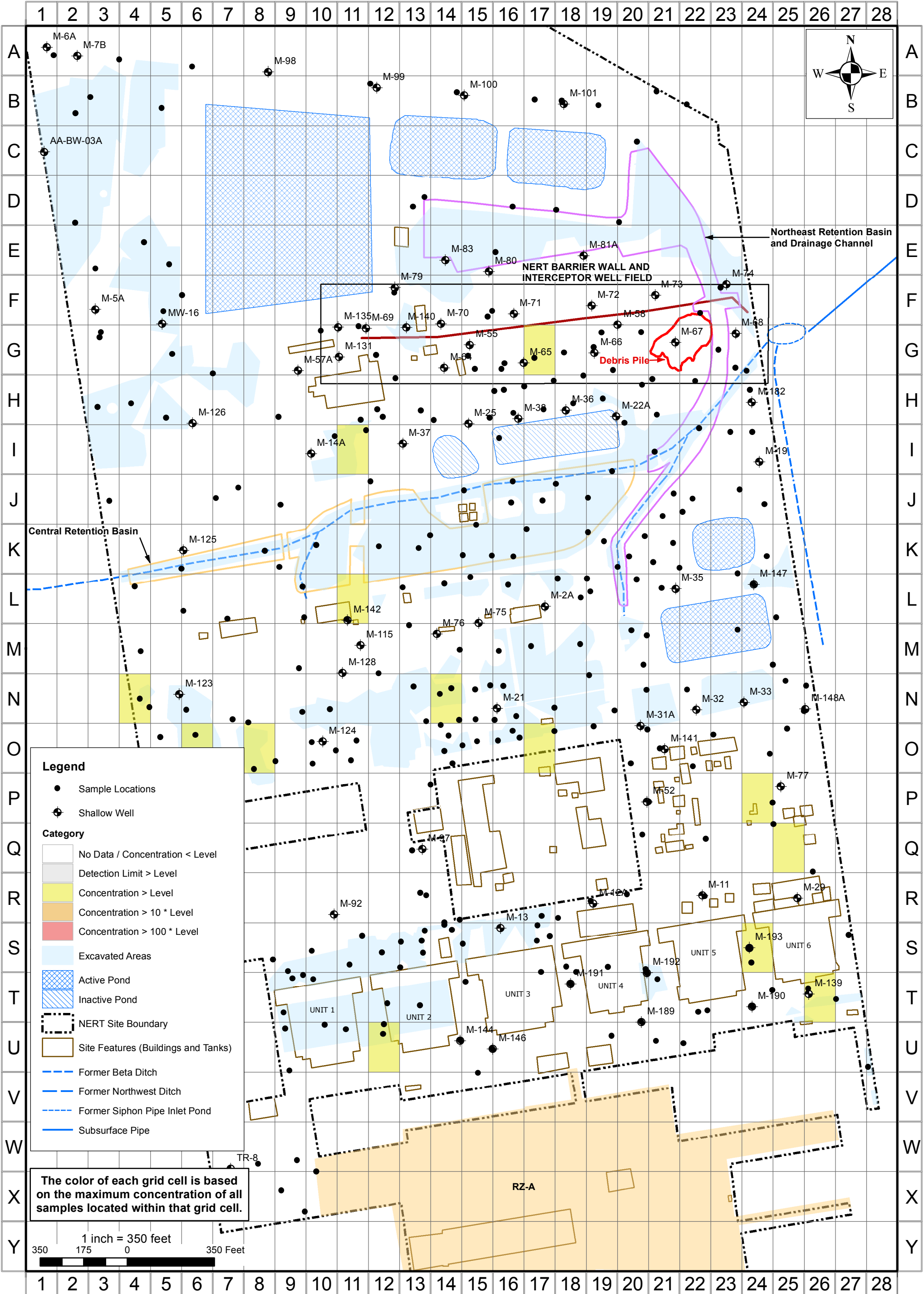




**BARIUM SOIL CONCENTRATIONS >840 mg/kg, 20-30 FEET BGS**  
**RI Evaluation**

Nevada Environmental Response Trust Site  
Henderson, Nevada

FIGURE  
**C-23**



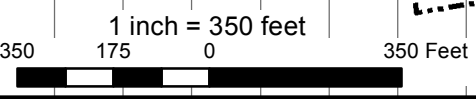
**Legend**

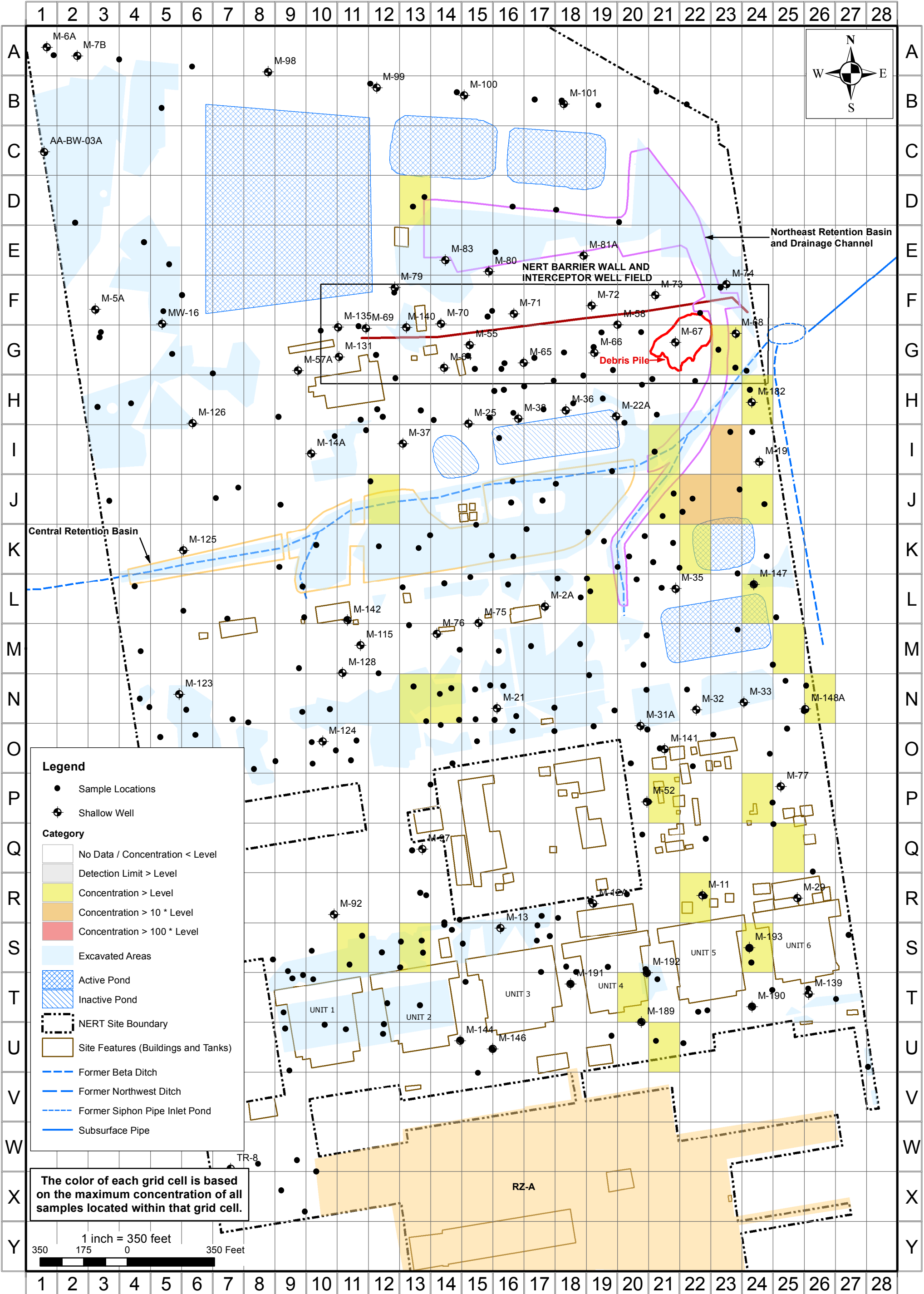
- Sample Locations
- ⊕ Shallow Well

**Category**

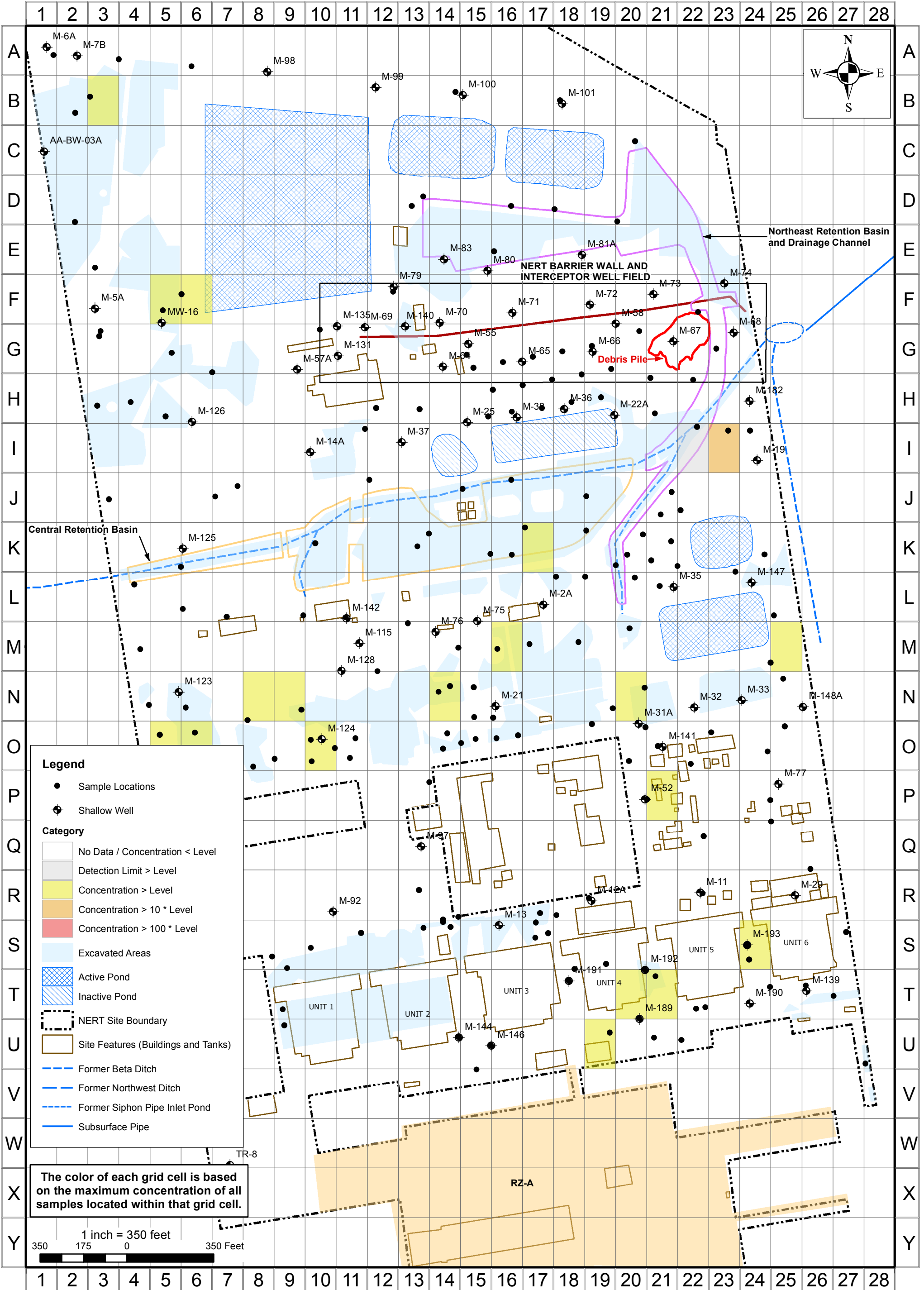
- No Data / Concentration < Level
- Detection Limit > Level
- Concentration > Level
- Concentration > 10 \* Level
- Concentration > 100 \* Level
- Excavated Areas
- ▨ Active Pond
- ▨ Inactive Pond
- ⊞ NERT Site Boundary
- Site Features (Buildings and Tanks)
- Former Beta Ditch
- Former Northwest Ditch
- Former Siphon Pipe Inlet Pond
- Subsurface Pipe

The color of each grid cell is based on the maximum concentration of all samples located within that grid cell.









**BORON SOIL CONCENTRATIONS >21.4 mg/kg, 10-20 FEET BGS  
RI Evaluation**

Nevada Environmental Response Trust Site  
Henderson, Nevada

FIGURE  
**C-26**



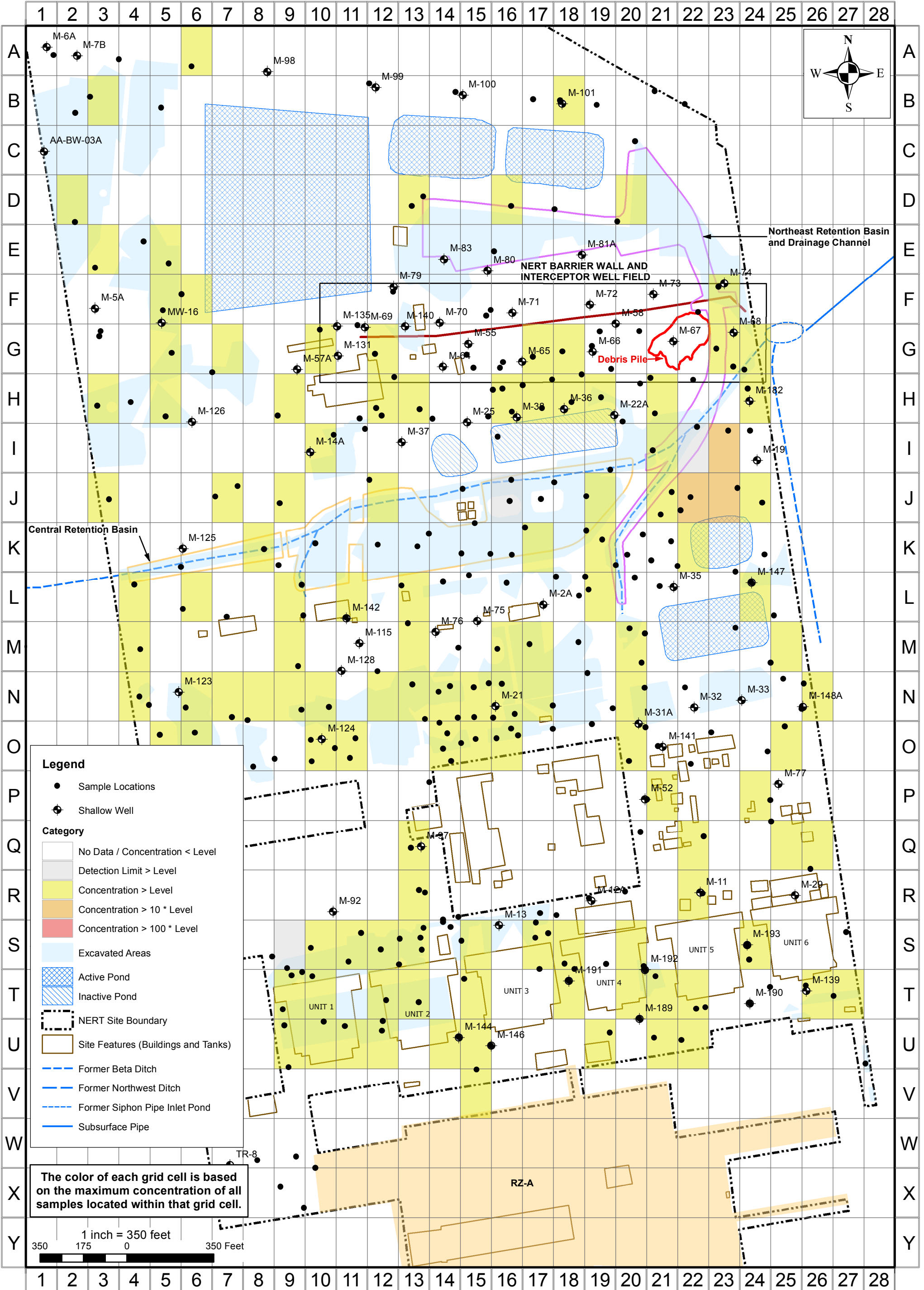
**BORON SOIL CONCENTRATIONS >21.4 mg/kg, 20-30 FEET BGS**  
**RI Evaluation**

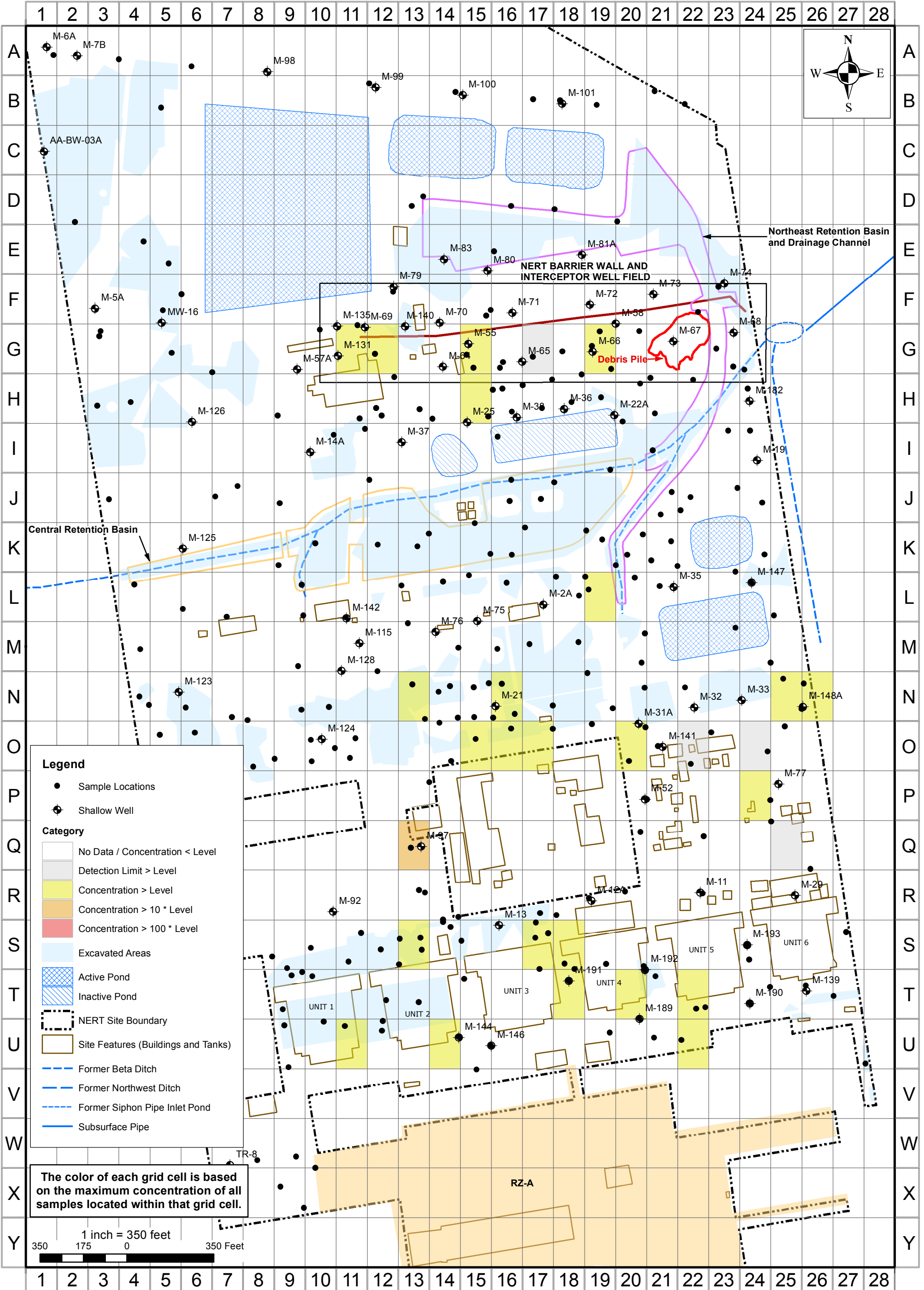
Nevada Environmental Response Trust Site  
Henderson, Nevada

FIGURE  
**C-27**





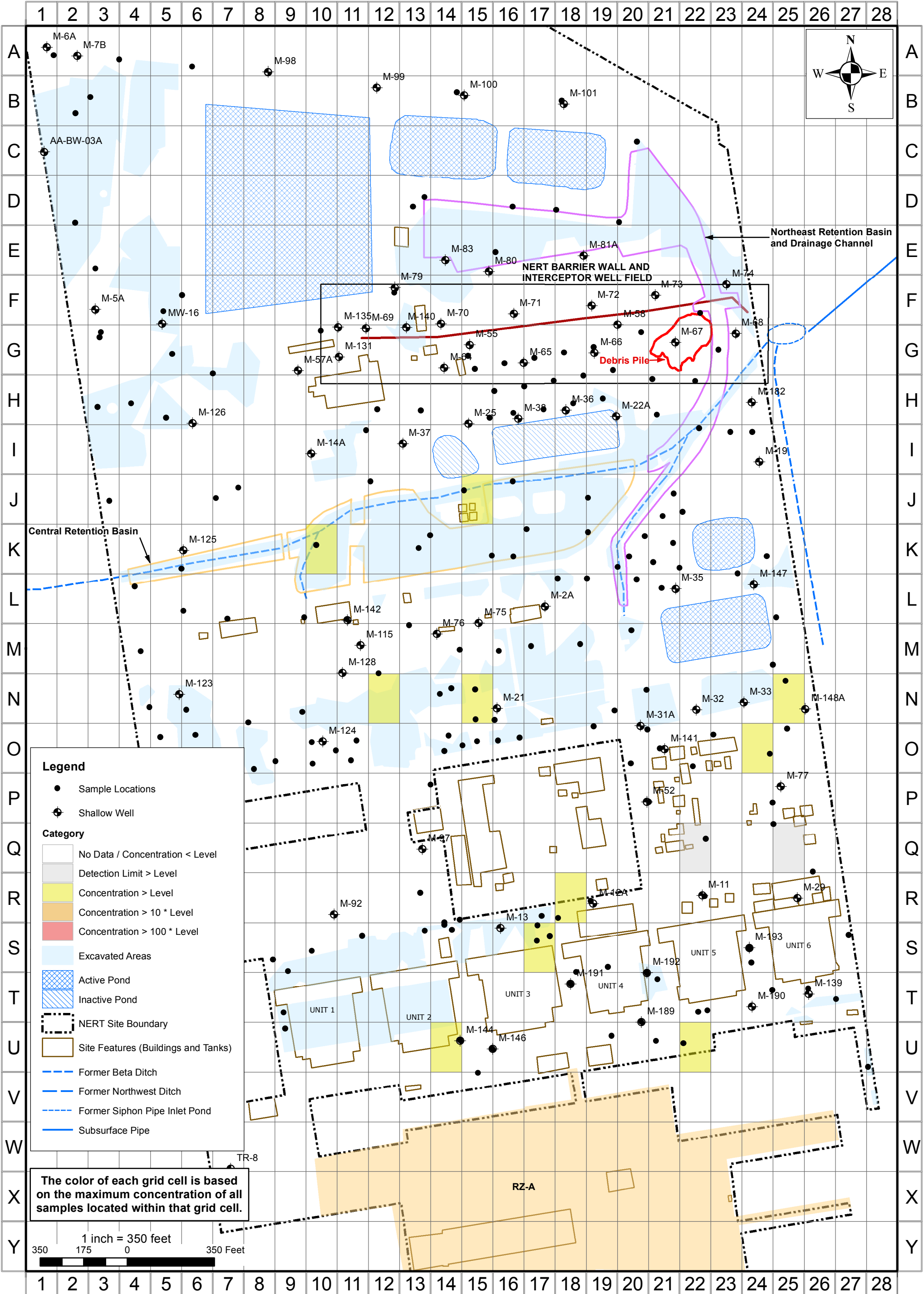




**CADMIUM SOIL CONCENTRATIONS >0.400 mg/kg, 0-10 FEET BGS**  
**RI Evaluation**

Nevada Environmental Response Trust Site  
Henderson, Nevada

FIGURE  
**C-29**



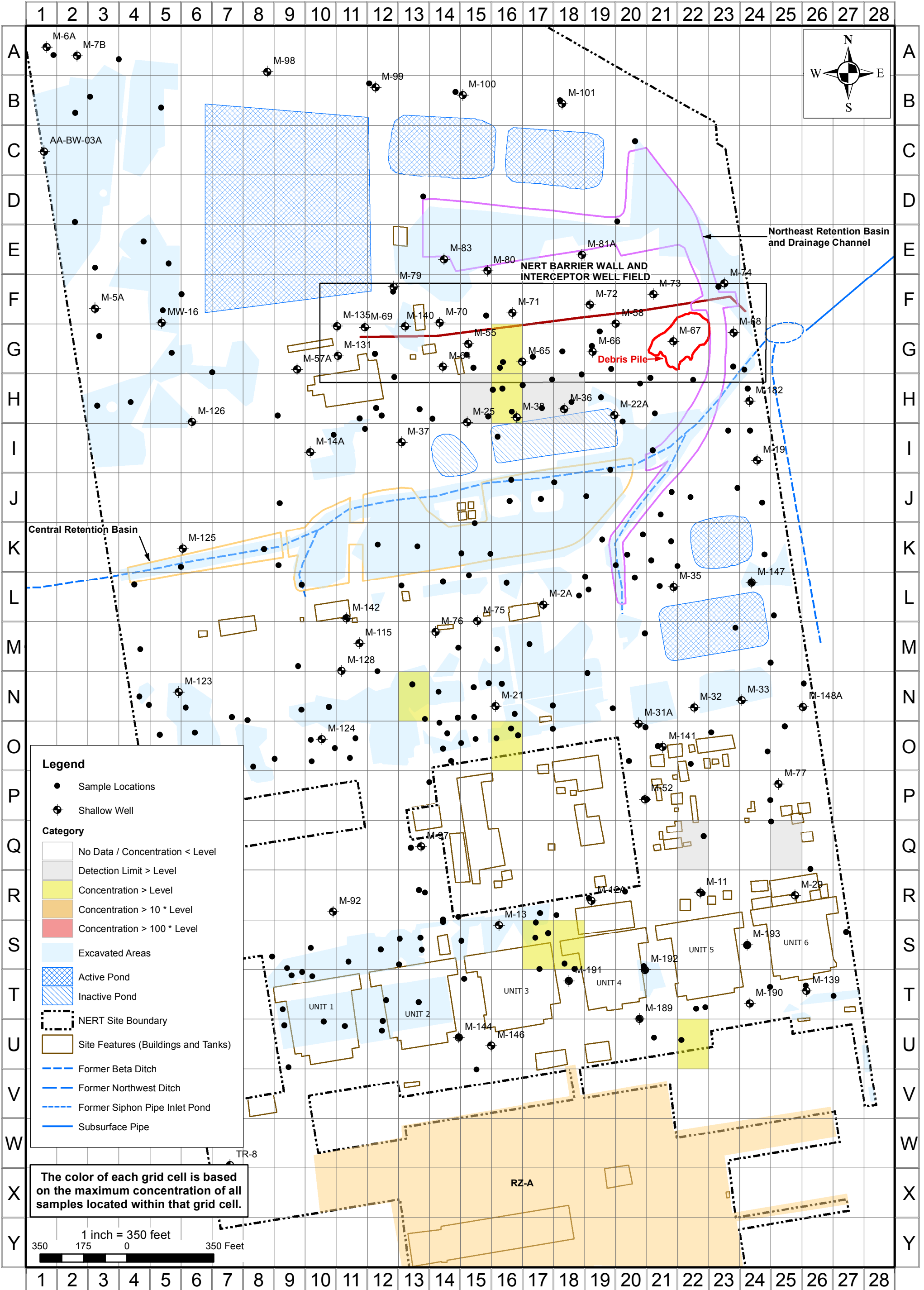
**CADMIUM SOIL CONCENTRATIONS >0.400 mg/kg, 10-20 FEET BGS  
RI Evaluation**

Nevada Environmental Response Trust Site  
Henderson, Nevada

FIGURE  
**C-30**



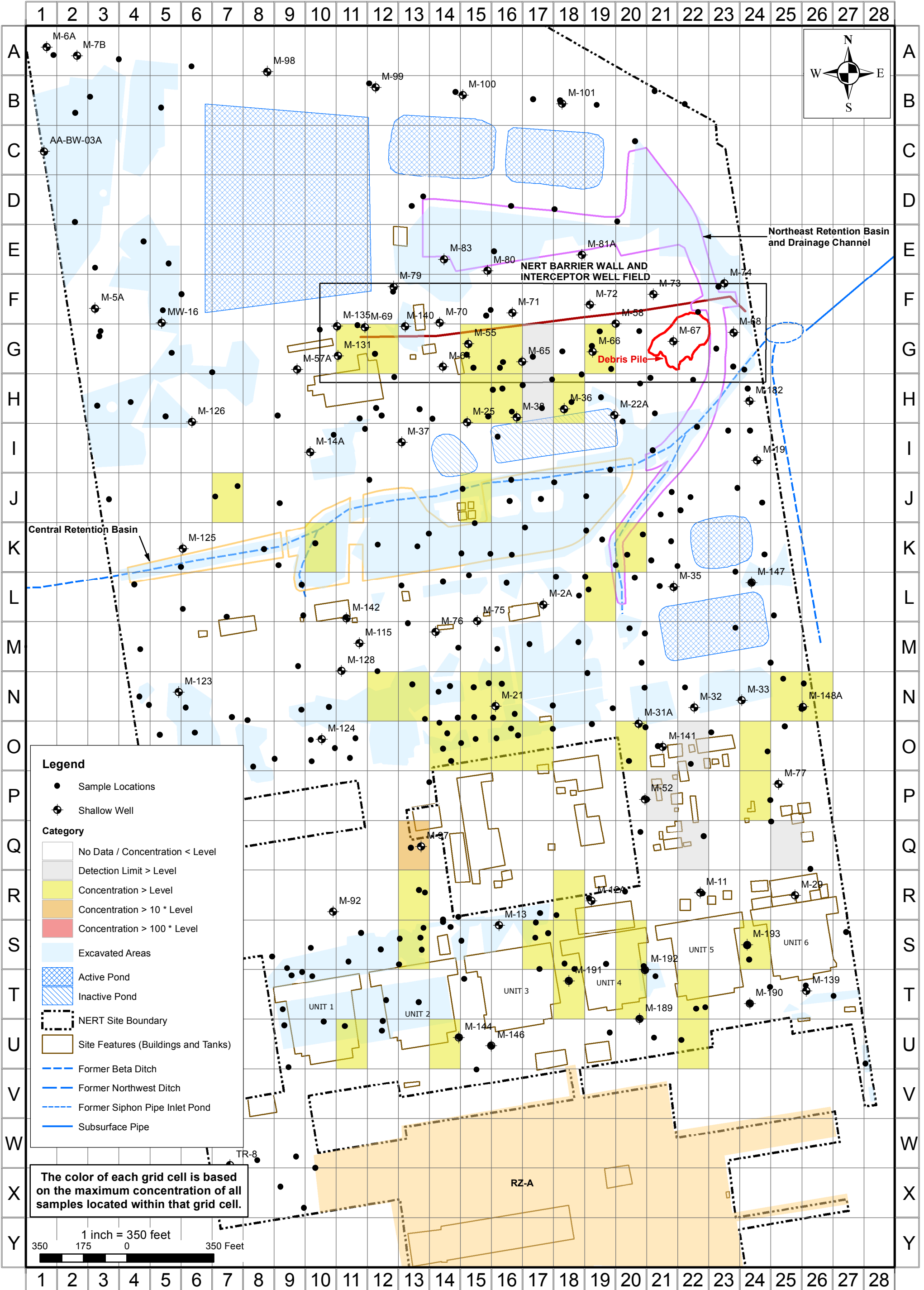


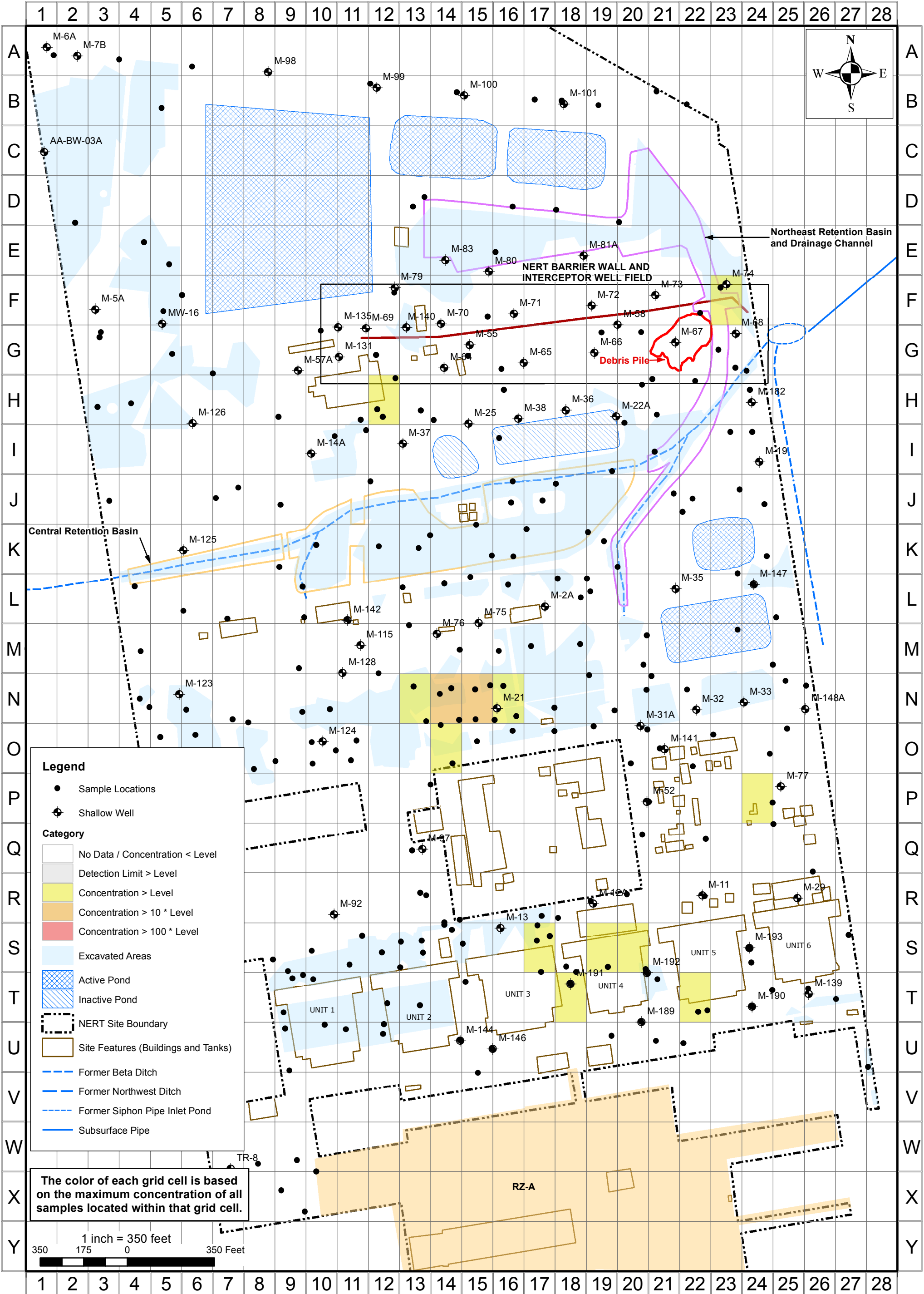


**CADMIUM SOIL CONCENTRATIONS >0.400 mg/kg, 20-30 FEET BGS  
RI Evaluation**

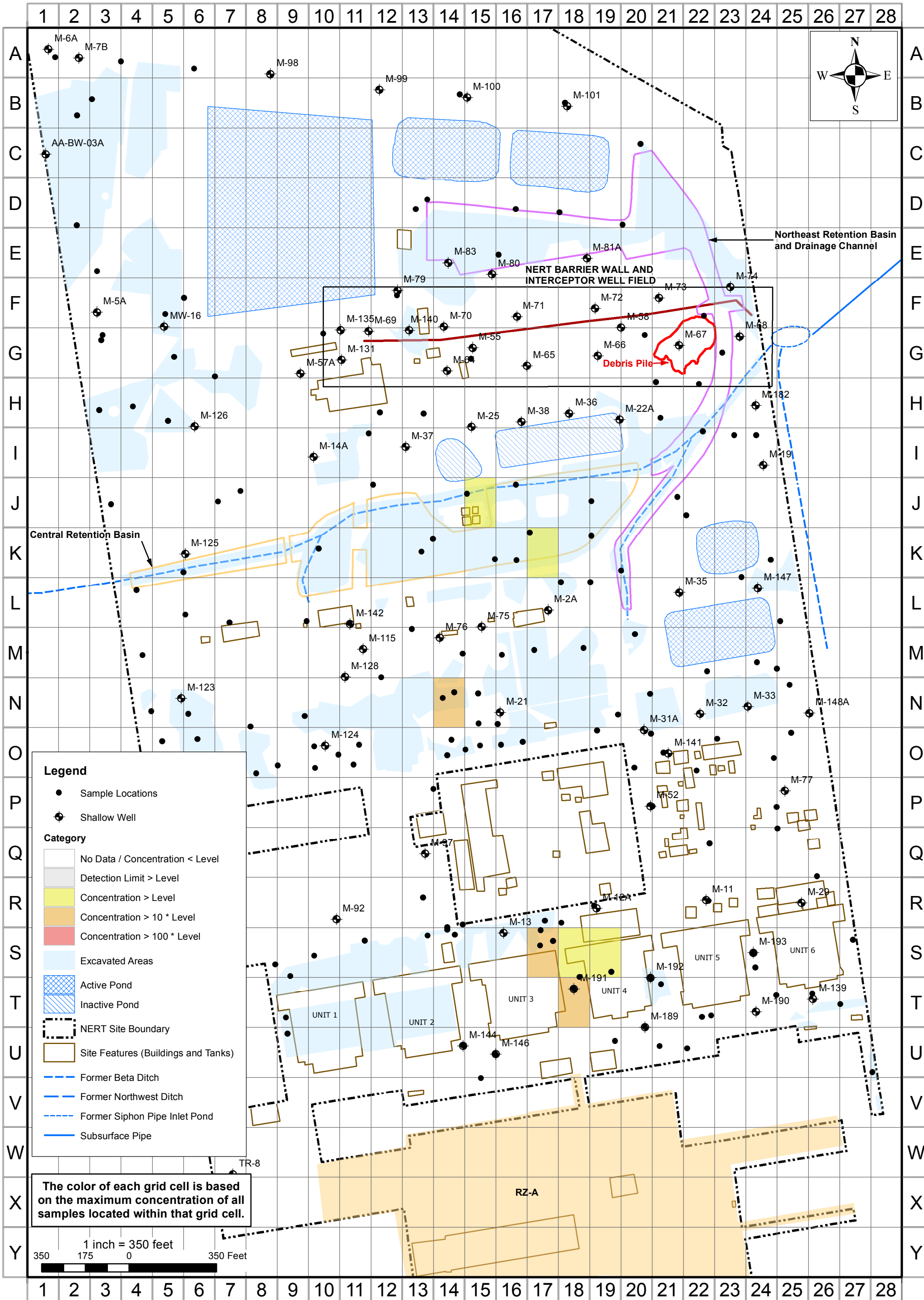
Nevada Environmental Response Trust Site  
Henderson, Nevada

FIGURE  
**C-31**







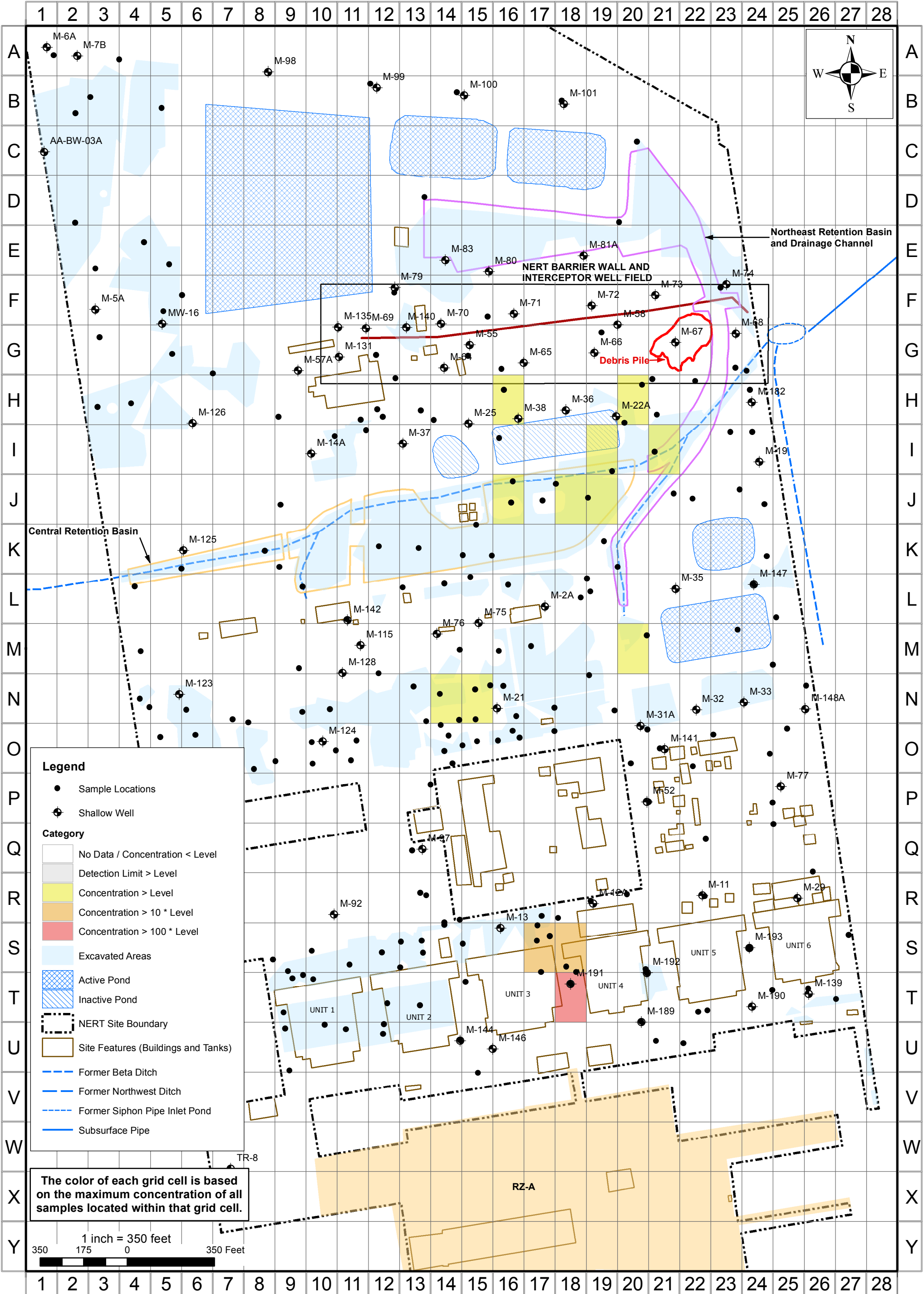


**CHROMIUM VI SOIL CONCENTRATIONS >2.00 mg/kg, 10-20 FEET BGS**  
**RI Evaluation**

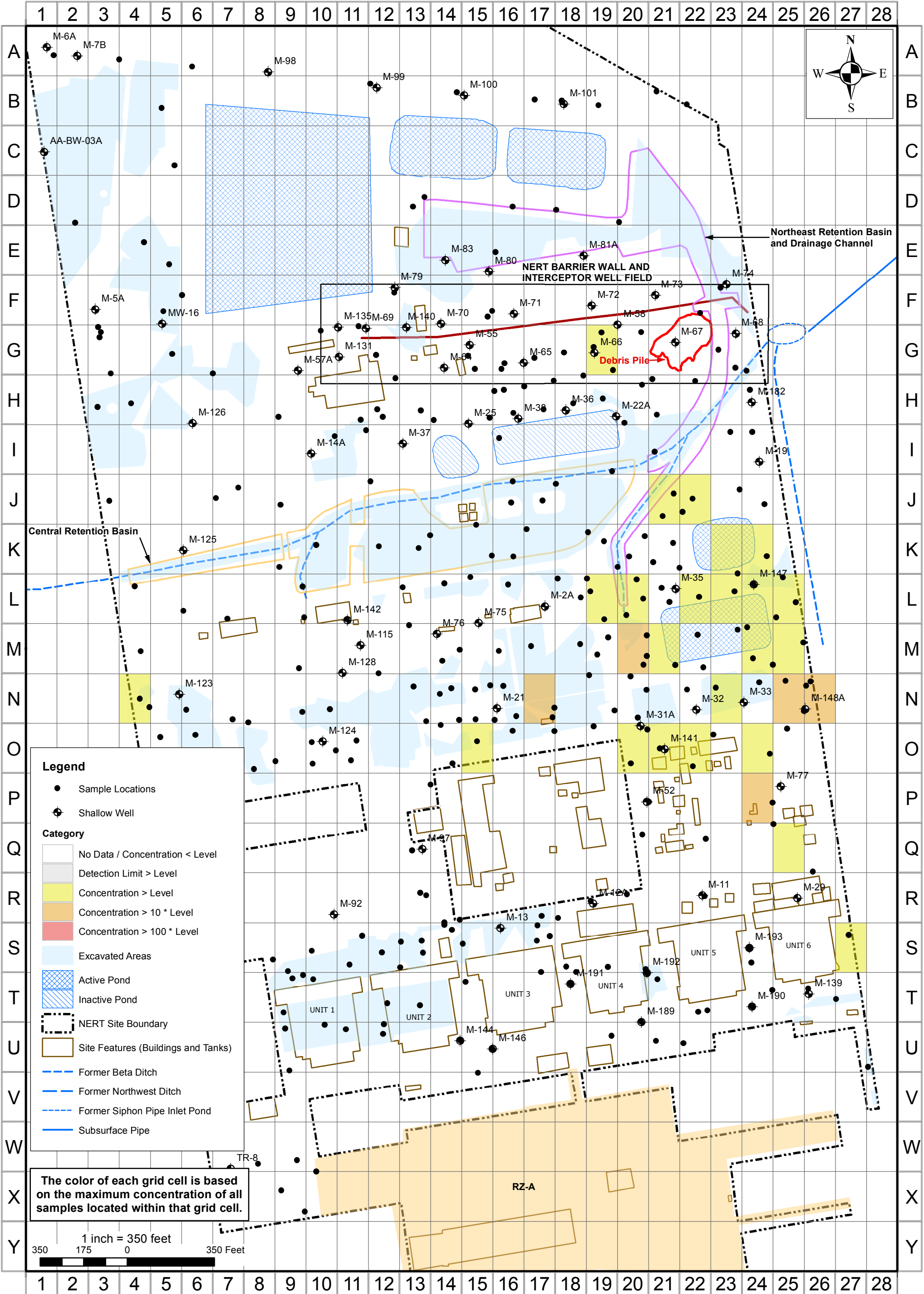
Nevada Environmental Response Trust Site  
Henderson, Nevada

FIGURE  
**C-34**









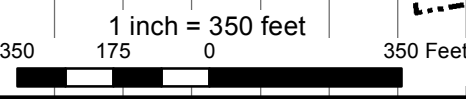
**Legend**

- Sample Locations
- ⊕ Shallow Well

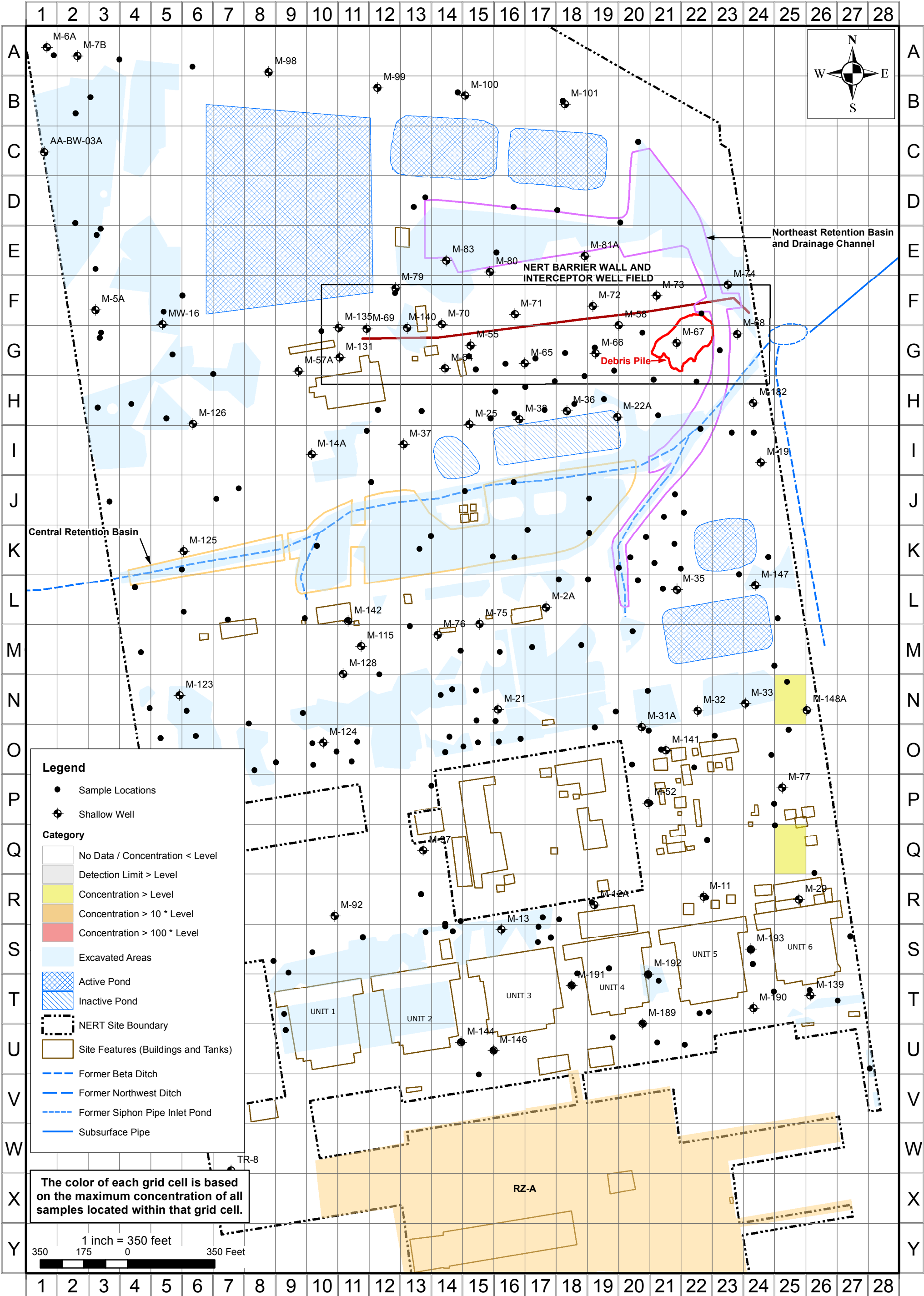
**Category**

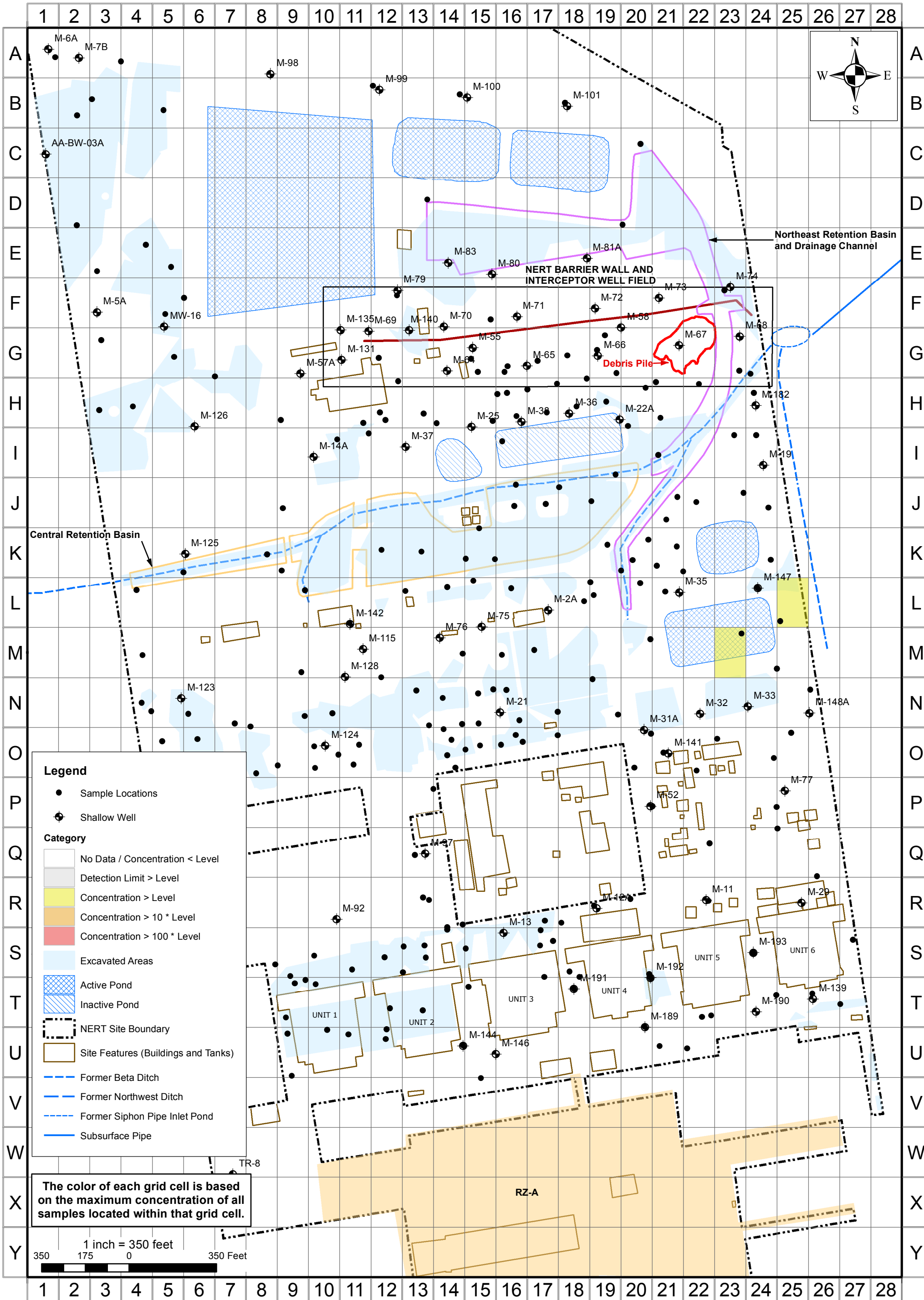
- No Data / Concentration < Level
- Detection Limit > Level
- Concentration > Level
- Concentration > 10 \* Level
- Concentration > 100 \* Level
- Excavated Areas
- ▨ Active Pond
- ▨ Inactive Pond
- ⊔ NERT Site Boundary
- Site Features (Buildings and Tanks)
- Former Beta Ditch
- Former Northwest Ditch
- Former Siphon Pipe Inlet Pond
- Subsurface Pipe

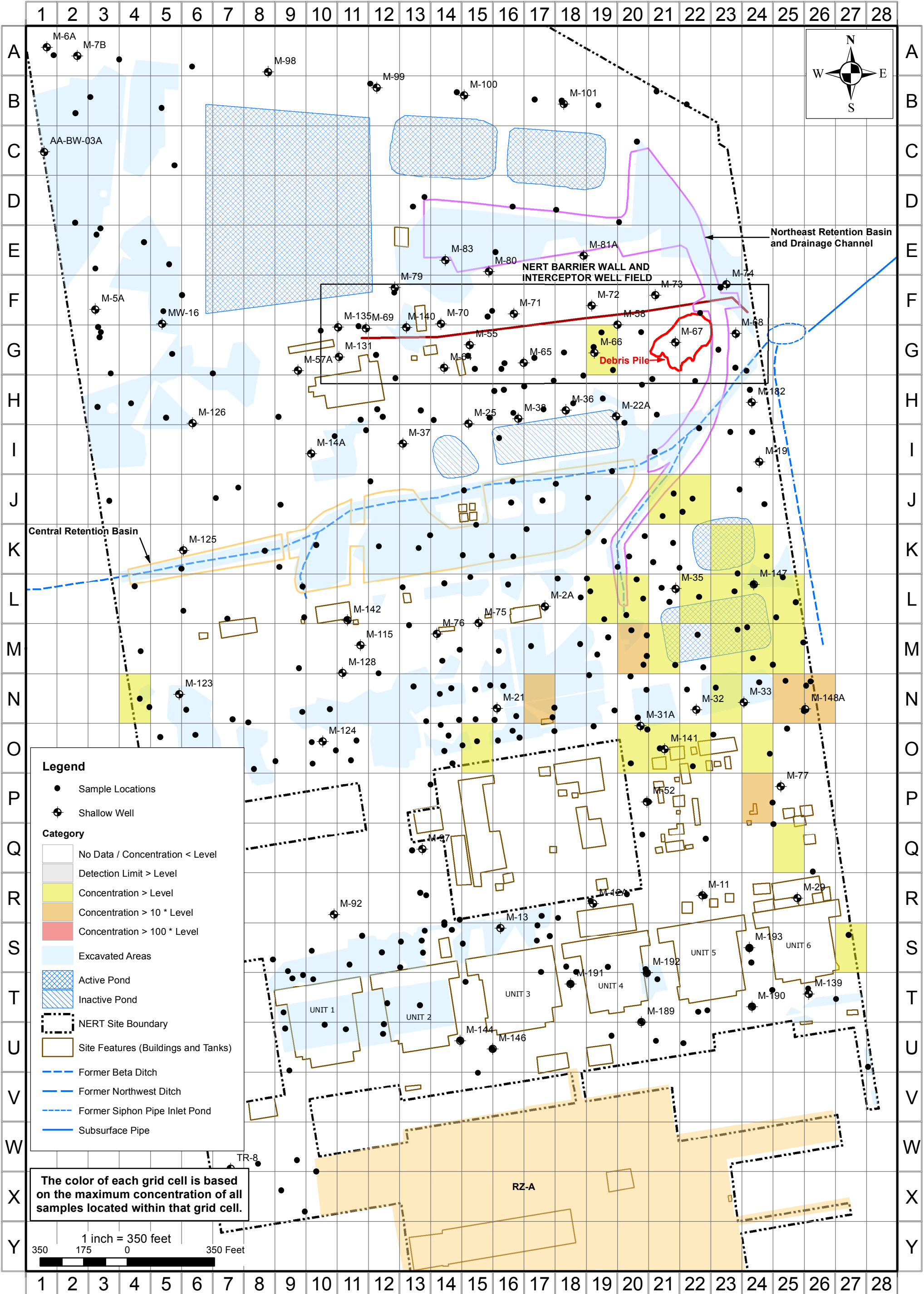
The color of each grid cell is based on the maximum concentration of all samples located within that grid cell.











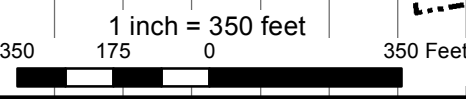
**Legend**

- Sample Locations
- ⊕ Shallow Well

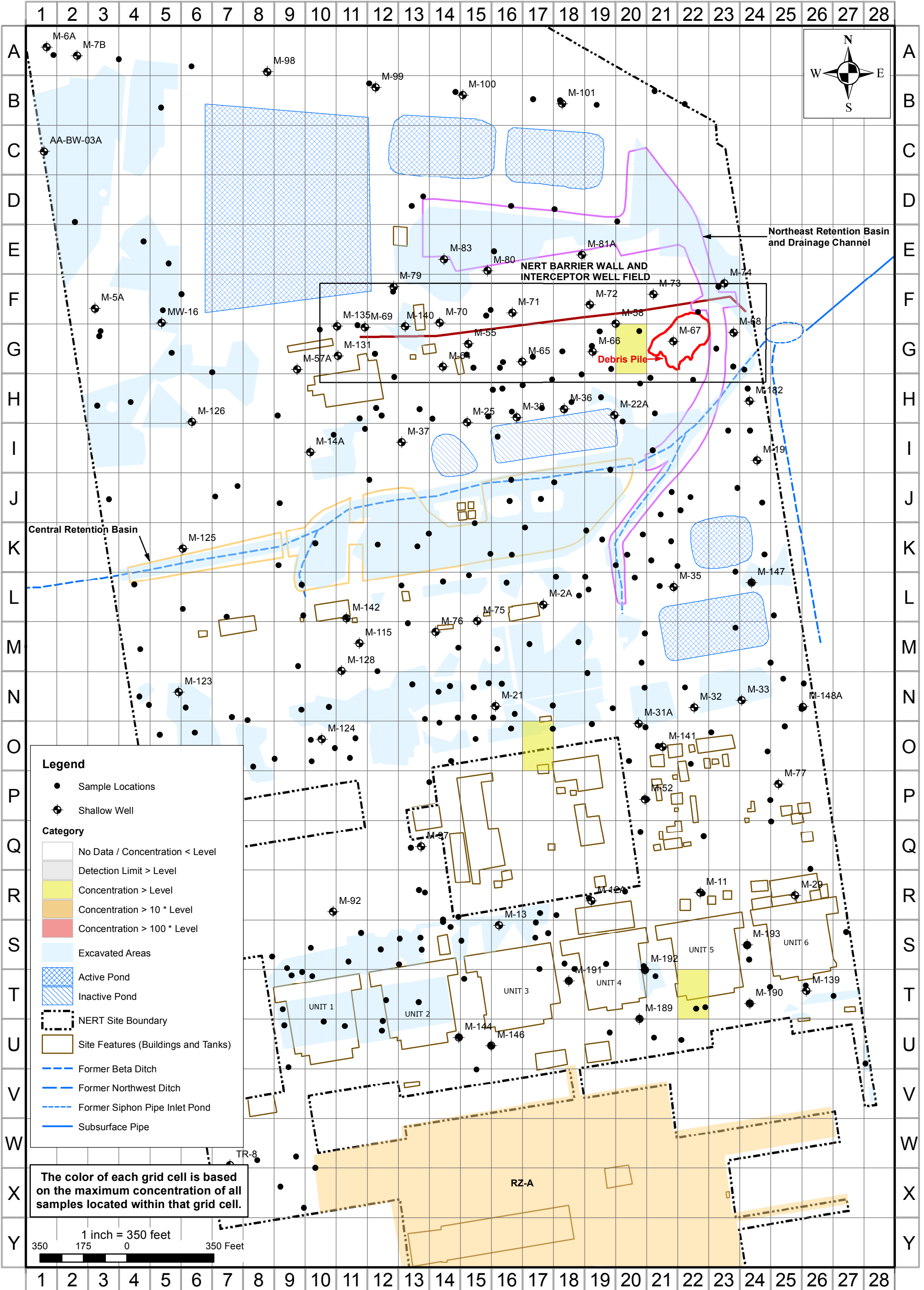
**Category**

- No Data / Concentration < Level
- Detection Limit > Level
- Concentration > Level
- Concentration > 10 \* Level
- Concentration > 100 \* Level
- Excavated Areas
- ▨ Active Pond
- ▧ Inactive Pond
- ⊞ NERT Site Boundary
- Site Features (Buildings and Tanks)
- Former Beta Ditch
- Former Northwest Ditch
- Former Siphon Pipe Inlet Pond
- Subsurface Pipe

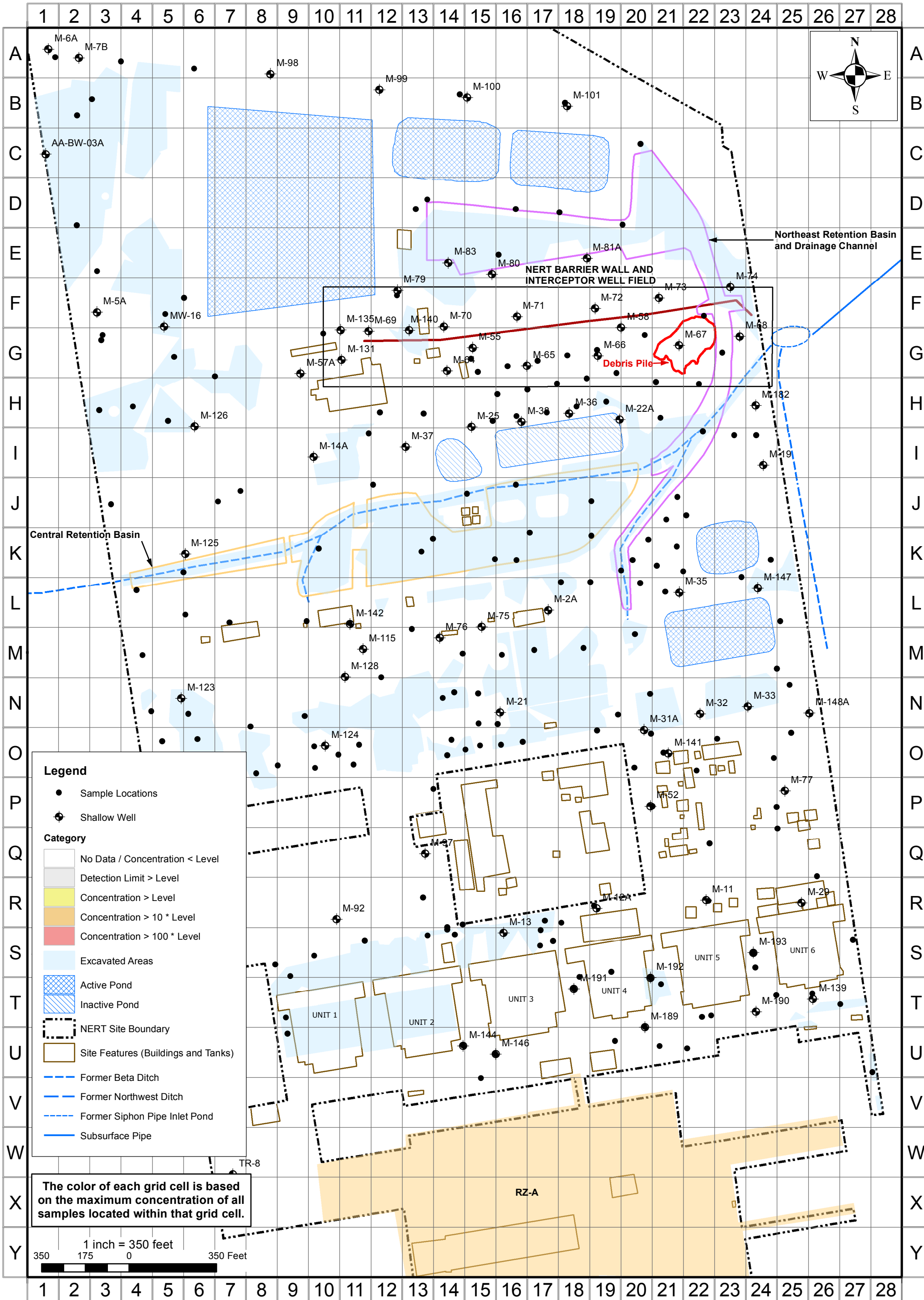
The color of each grid cell is based on the maximum concentration of all samples located within that grid cell.







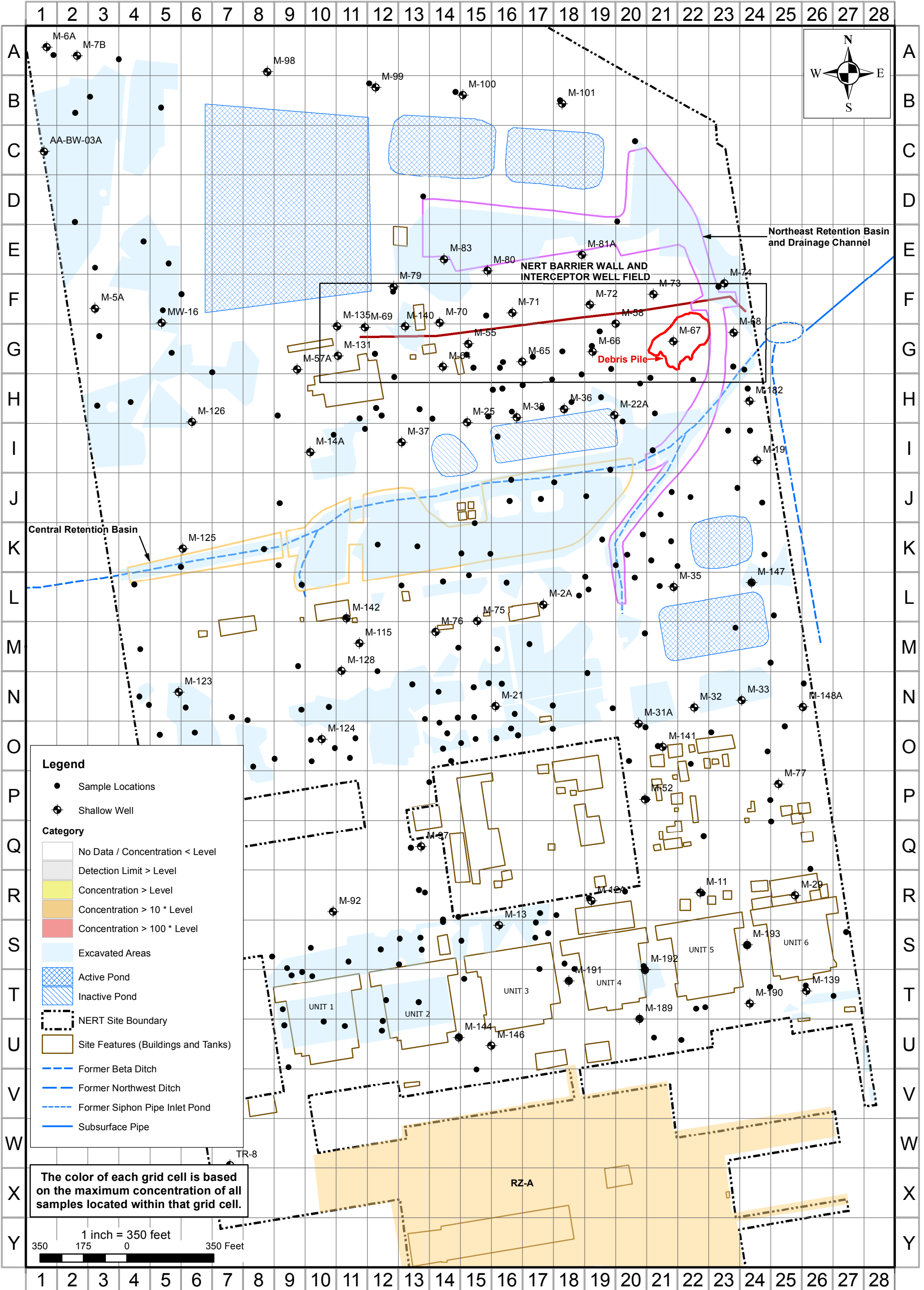




**COPPER SOIL CONCENTRATIONS >140 mg/kg, 10-20 FEET BGS**  
**RI Evaluation**

Nevada Environmental Response Trust Site  
Henderson, Nevada

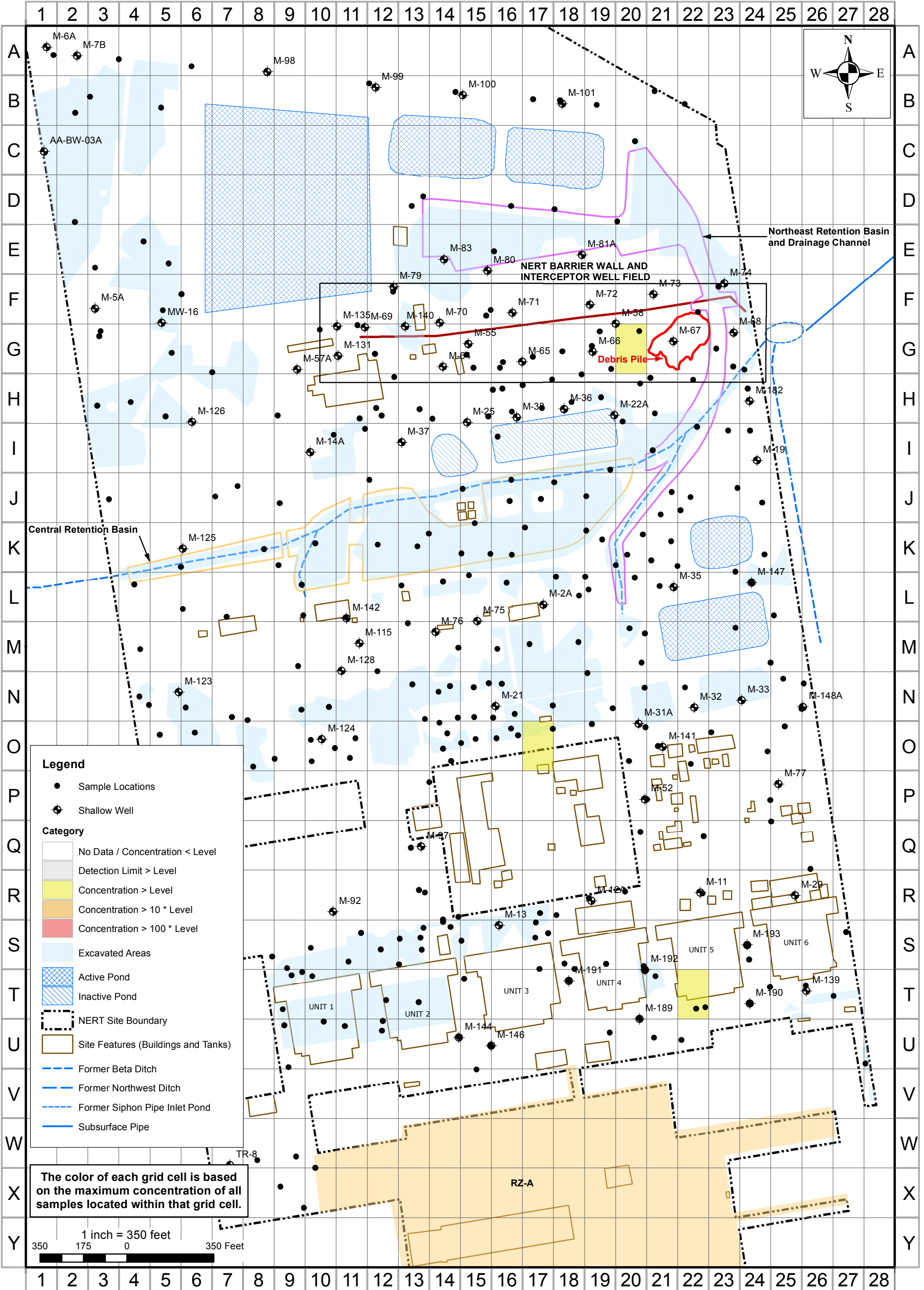
FIGURE  
**C-42**



**COPPER SOIL CONCENTRATIONS >140 mg/kg, 20-30 FEET BGS  
RI Evaluation**

Nevada Environmental Response Trust Site  
Henderson, Nevada

FIGURE  
**C-43**

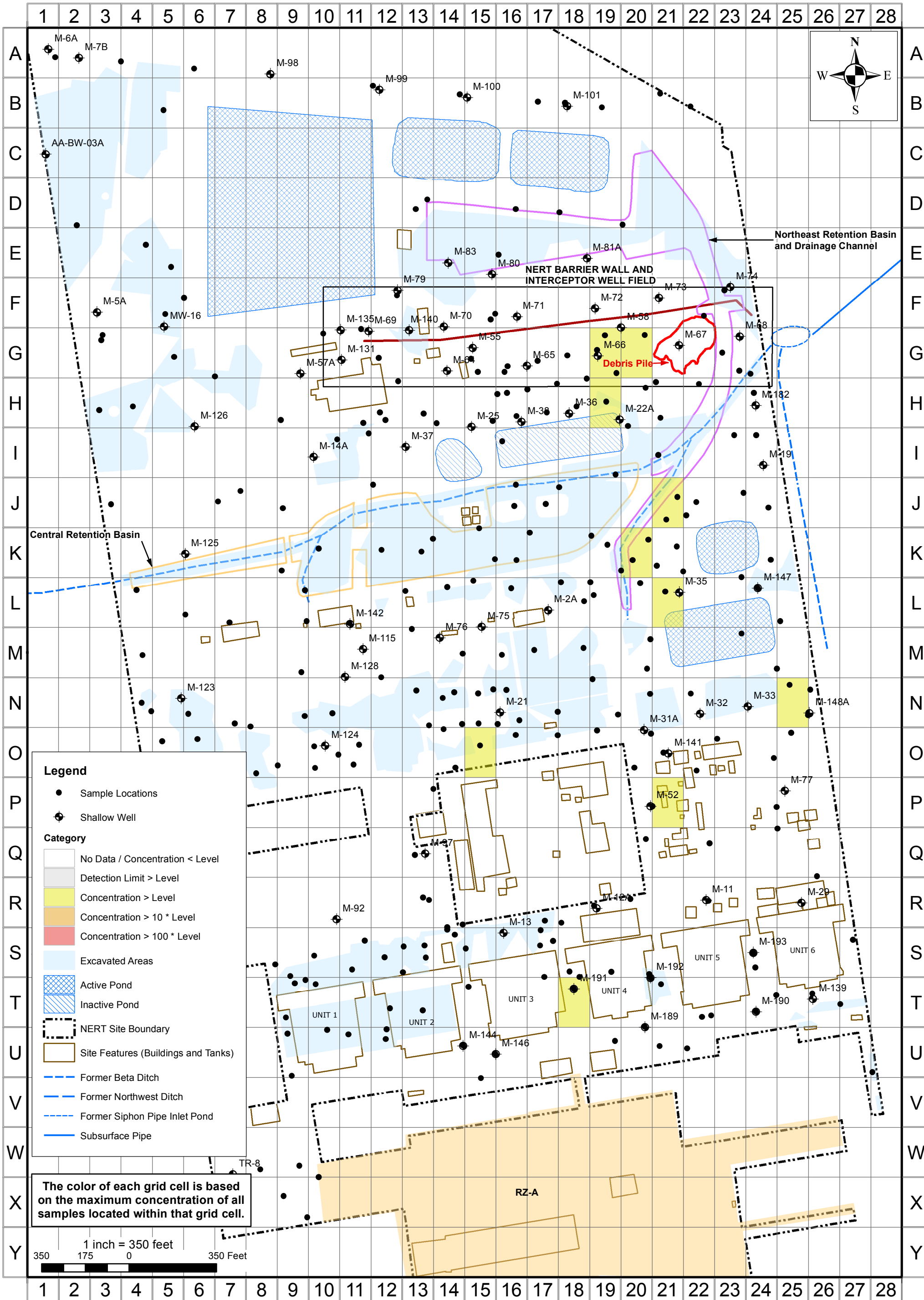


**COPPER SOIL CONCENTRATIONS >140 mg/kg, ALL DEPTHS**  
**RI Evaluation**

Nevada Environmental Response Trust Site  
Henderson, Nevada

FIGURE  
**C-44**

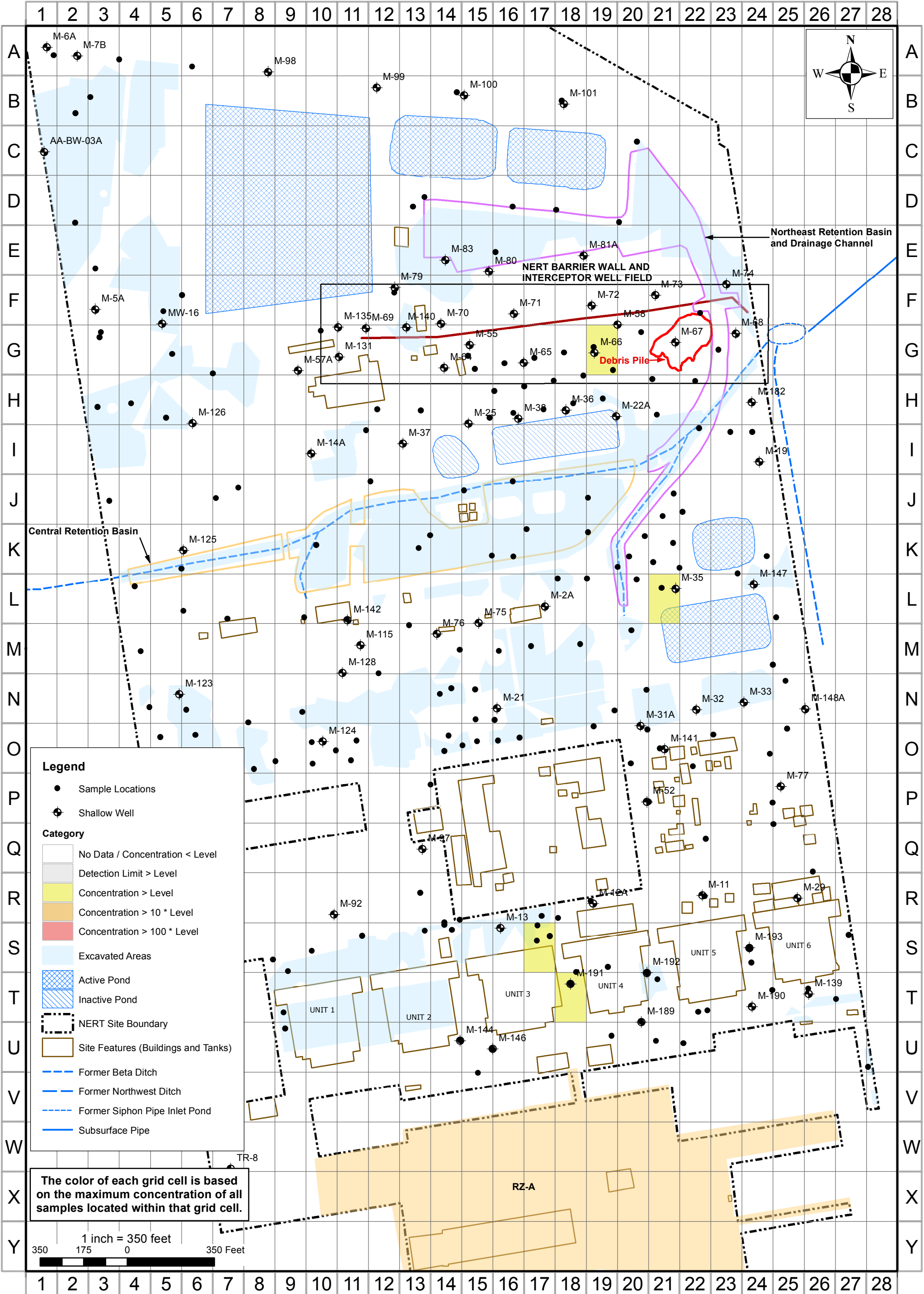




**IRON SOIL CONCENTRATIONS > 20,600 mg/kg, 0-10 FEET BGS**  
**RI Evaluation**

Nevada Environmental Response Trust Site  
Henderson, Nevada

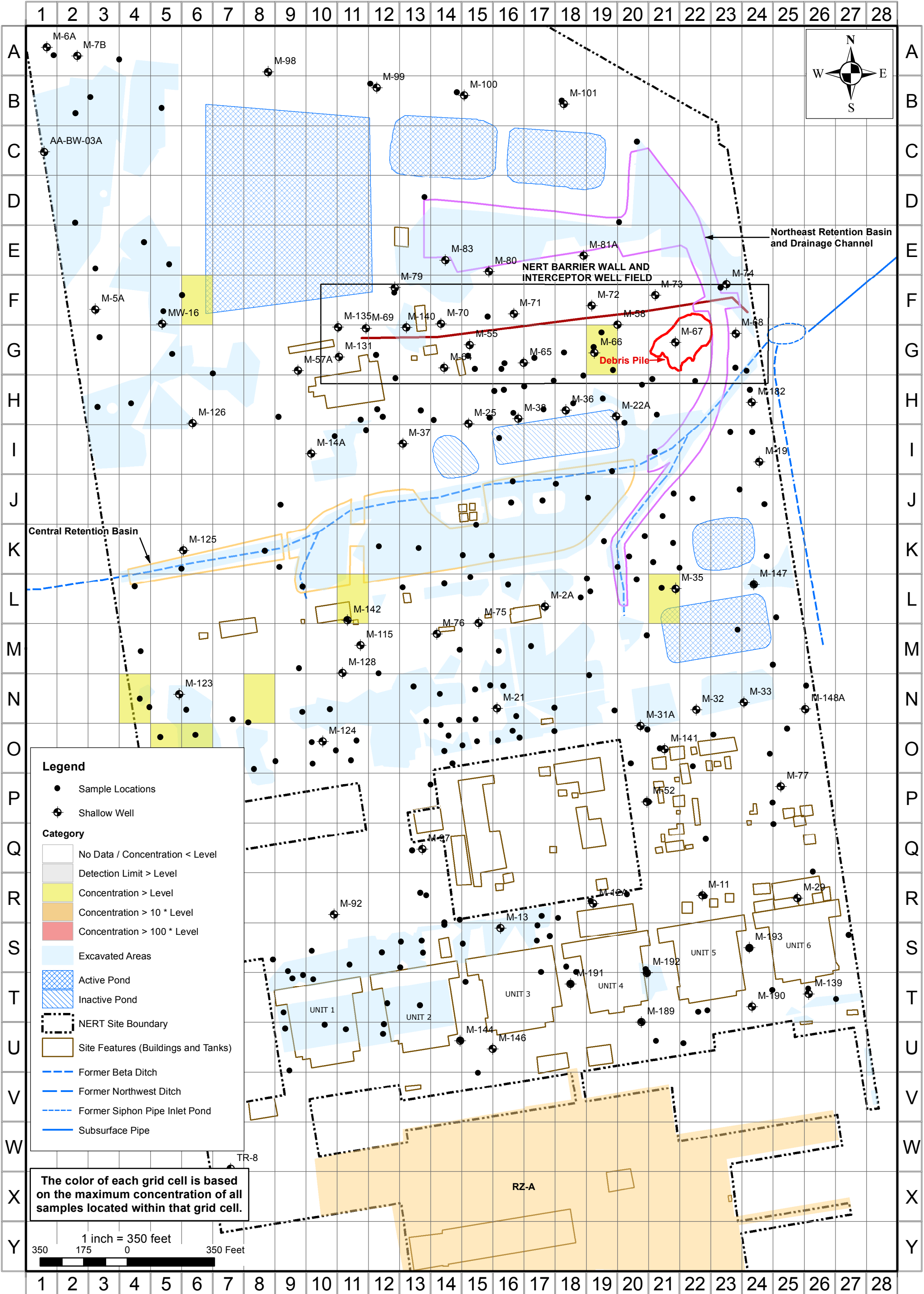
FIGURE  
**C-45**



**IRON SOIL CONCENTRATIONS >20,600 mg/kg, 10-20 FEET BGS**  
**RI Evaluation**

Nevada Environmental Response Trust Site  
Henderson, Nevada

FIGURE  
**C-46**

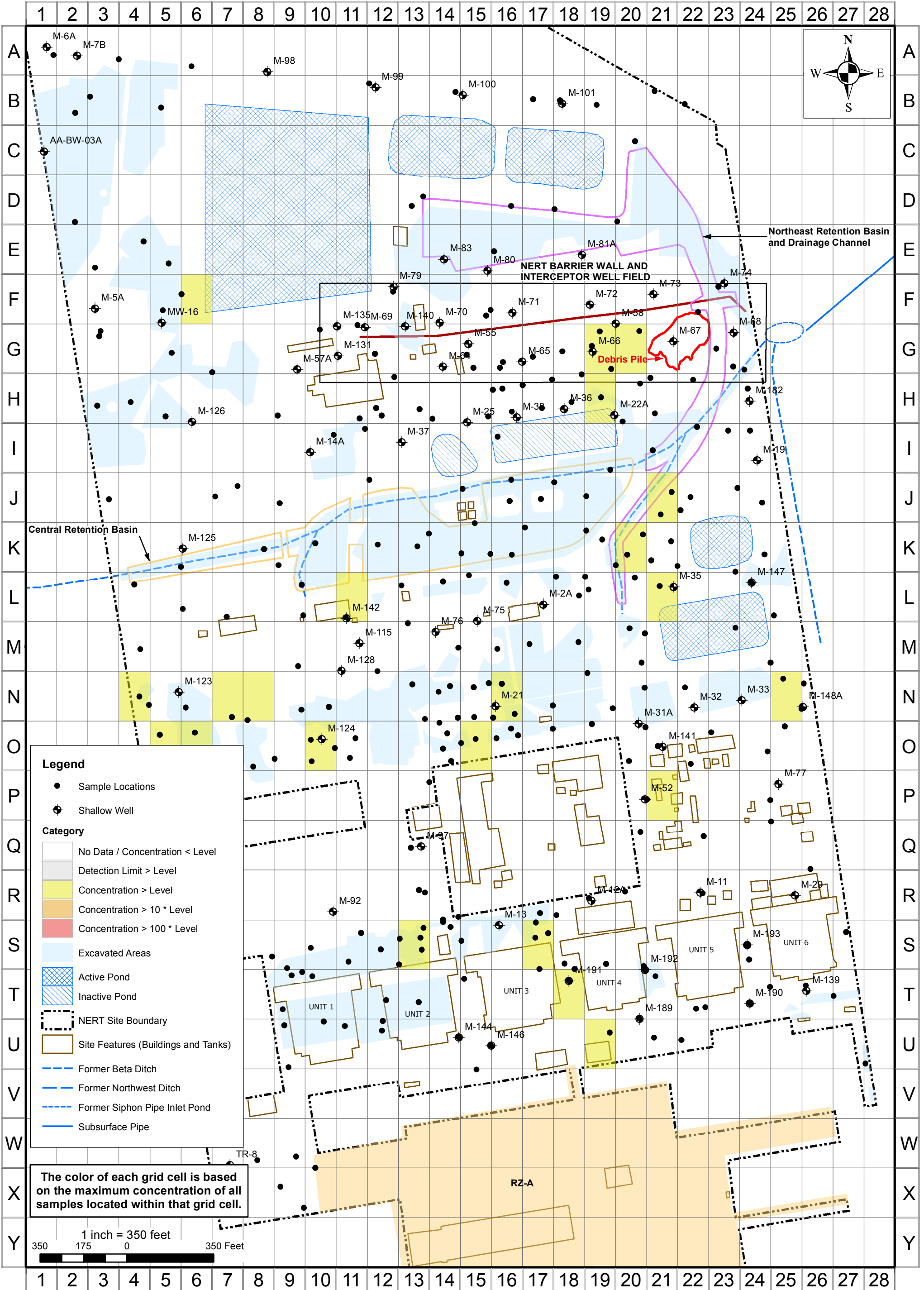


**IRON SOIL CONCENTRATIONS >20,600 mg/kg, 20-30 FEET BGS  
RI Evaluation**

Nevada Environmental Response Trust Site  
Henderson, Nevada

FIGURE  
**C-47**



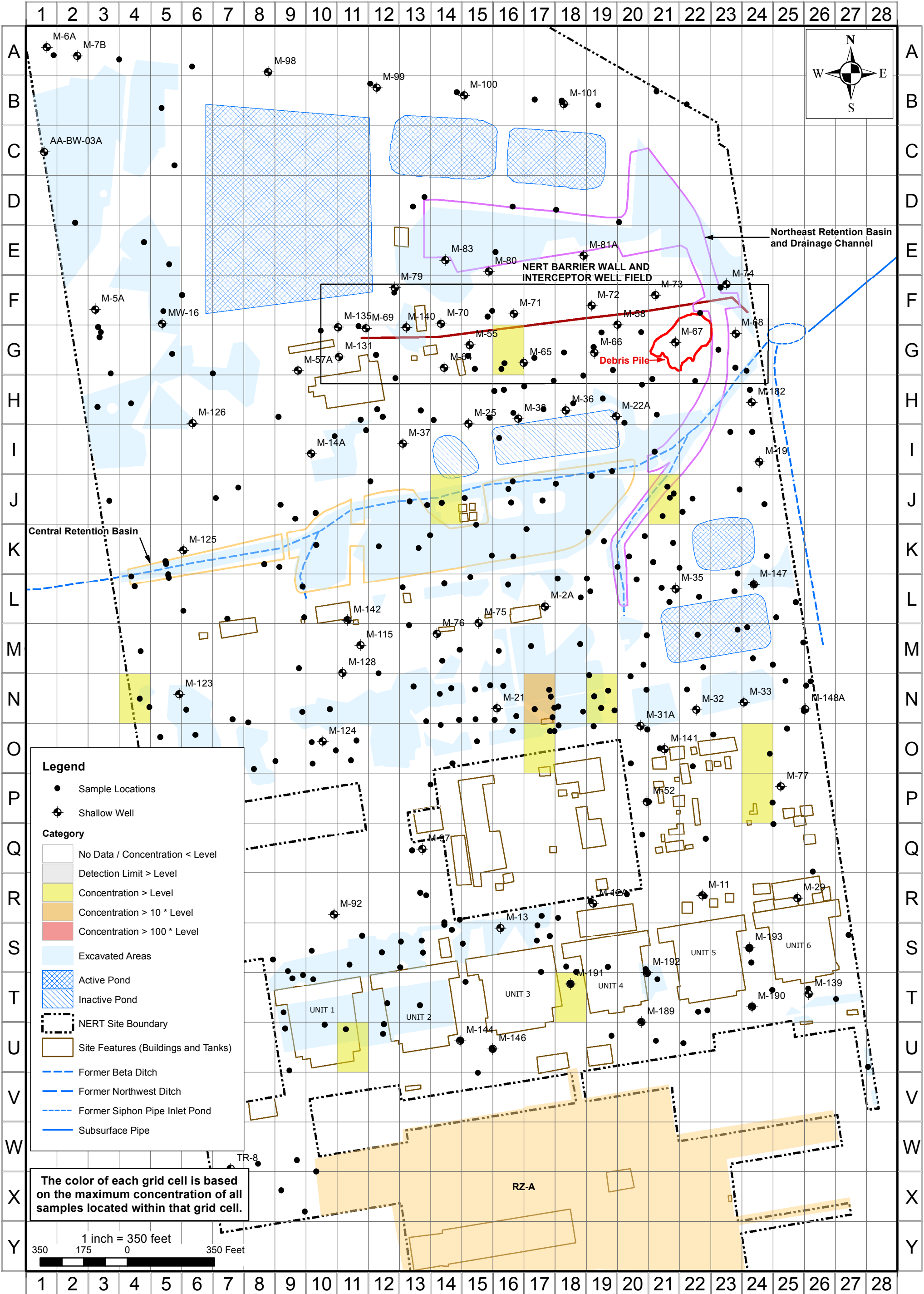


**IRON SOIL CONCENTRATIONS >20,600 mg/kg, ALL DEPTHS**  
**RI Evaluation**

Nevada Environmental Response Trust Site  
Henderson, Nevada

FIGURE  
**C-48**

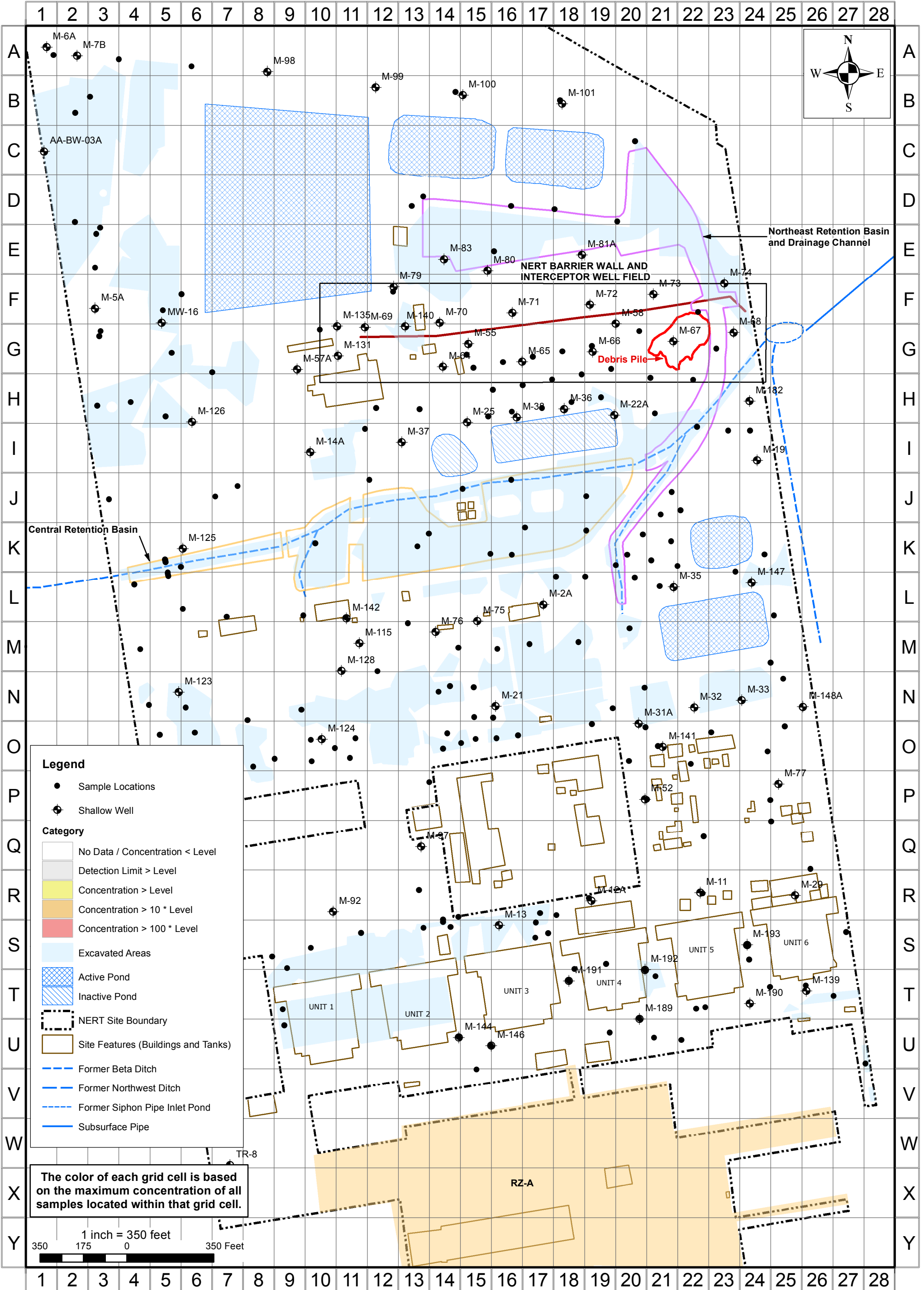




**LEAD SOIL CONCENTRATIONS >72.8 mg/kg, 0-10 FEET BGS**  
**RI Evaluation**

Nevada Environmental Response Trust Site  
Henderson, Nevada

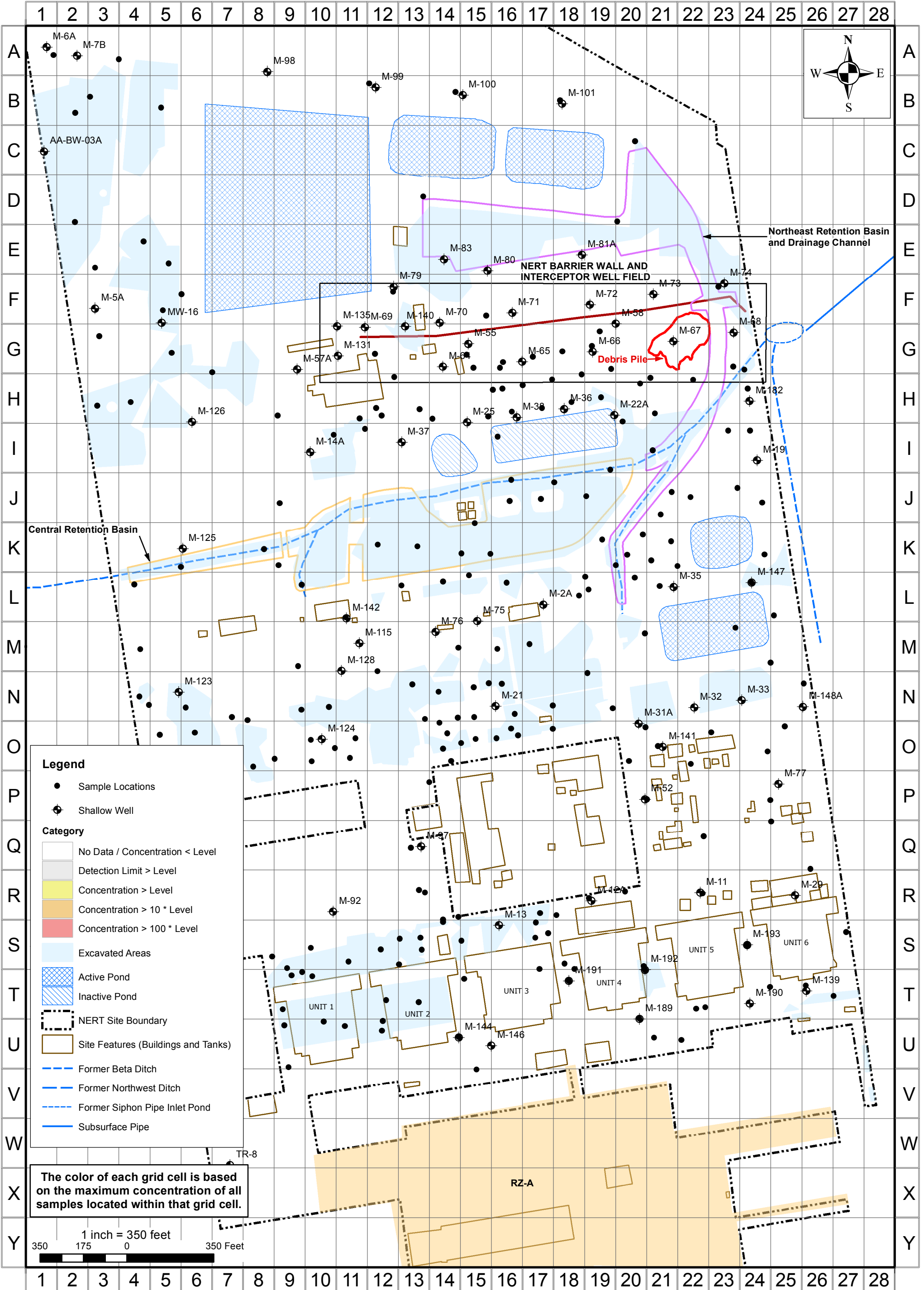
FIGURE  
**C-49**



**LEAD SOIL CONCENTRATIONS >72.8 mg/kg, 10-20 FEET BGS**  
**RI Evaluation**

Nevada Environmental Response Trust Site  
Henderson, Nevada

FIGURE  
**C-50**

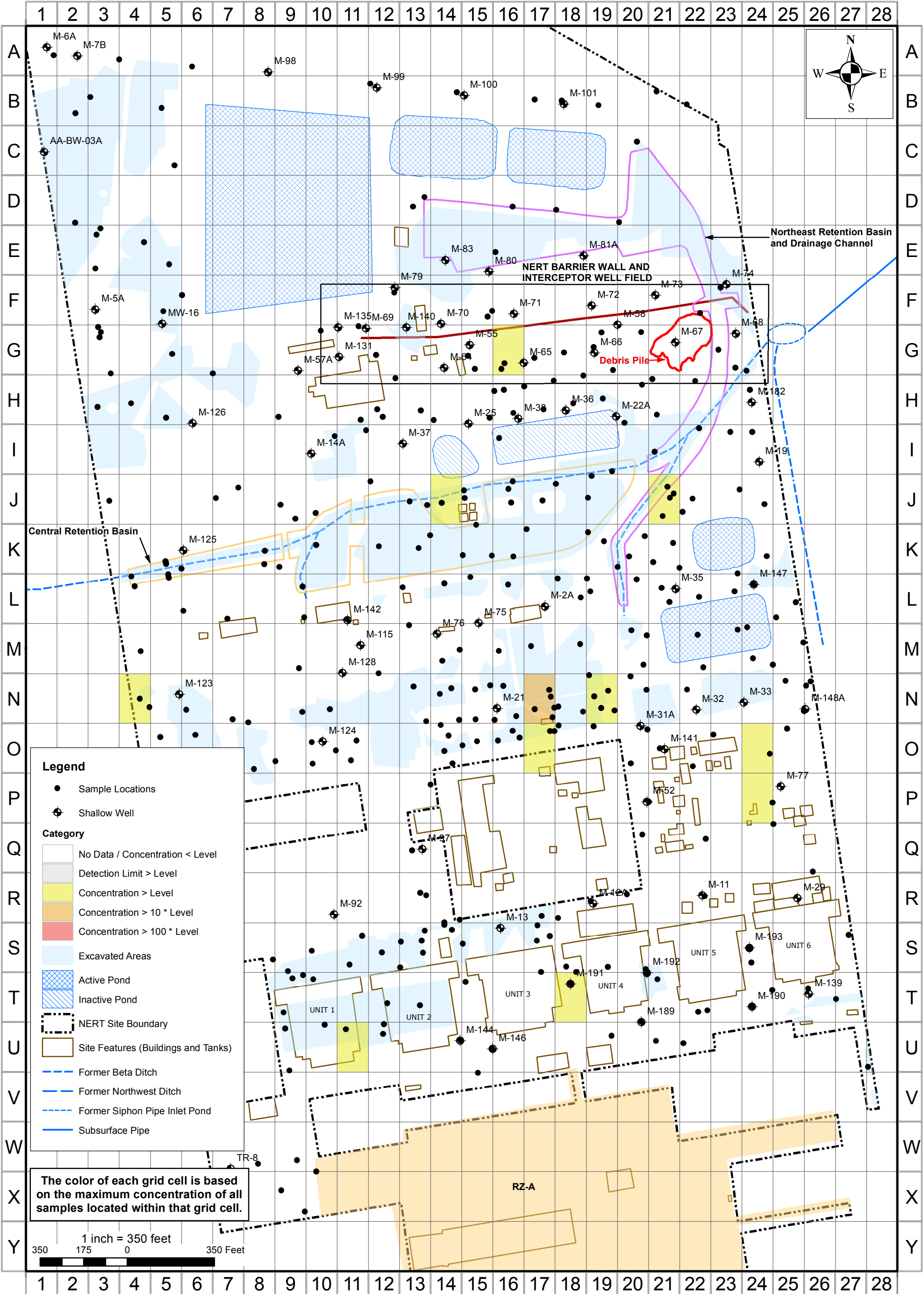


**LEAD SOIL CONCENTRATIONS >72.8 mg/kg, 20-30 FEET BGS**  
**RI Evaluation**

Nevada Environmental Response Trust Site  
Henderson, Nevada

FIGURE  
**C-51**



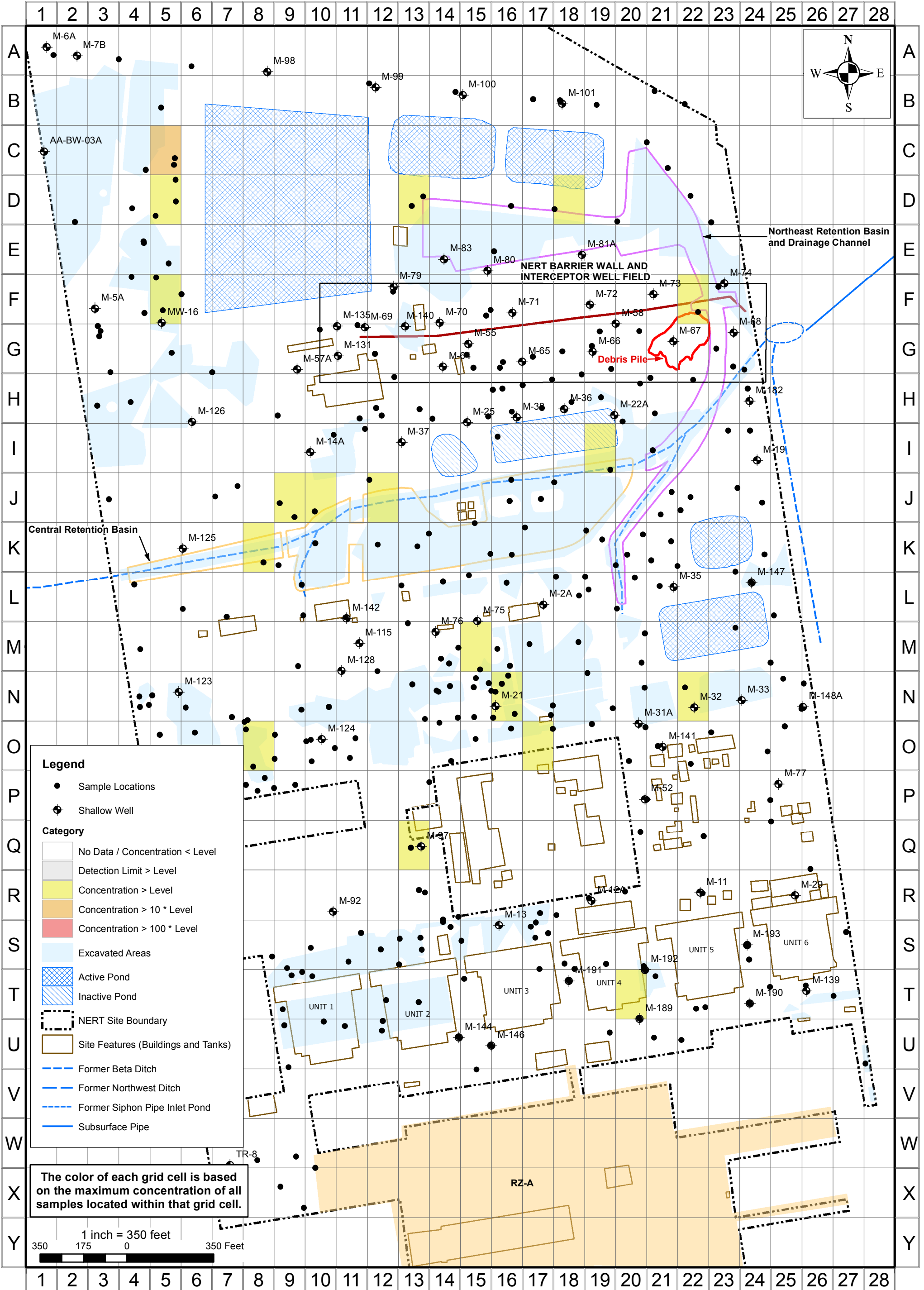


**LEAD SOIL CONCENTRATIONS >72.8 mg/kg, ALL DEPTHS**  
**RI Evaluation**

Nevada Environmental Response Trust Site  
Henderson, Nevada

FIGURE  
**C-52**

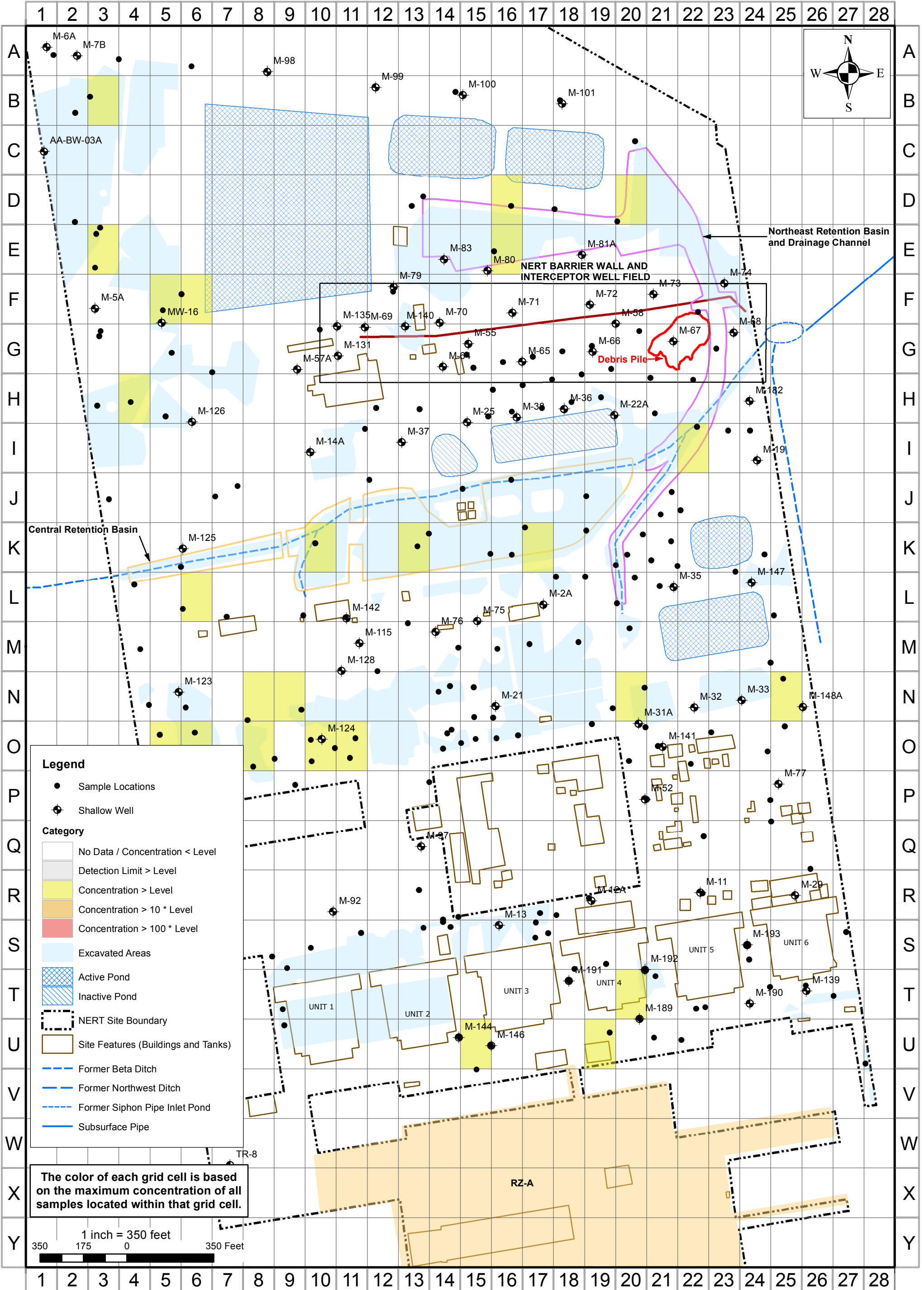




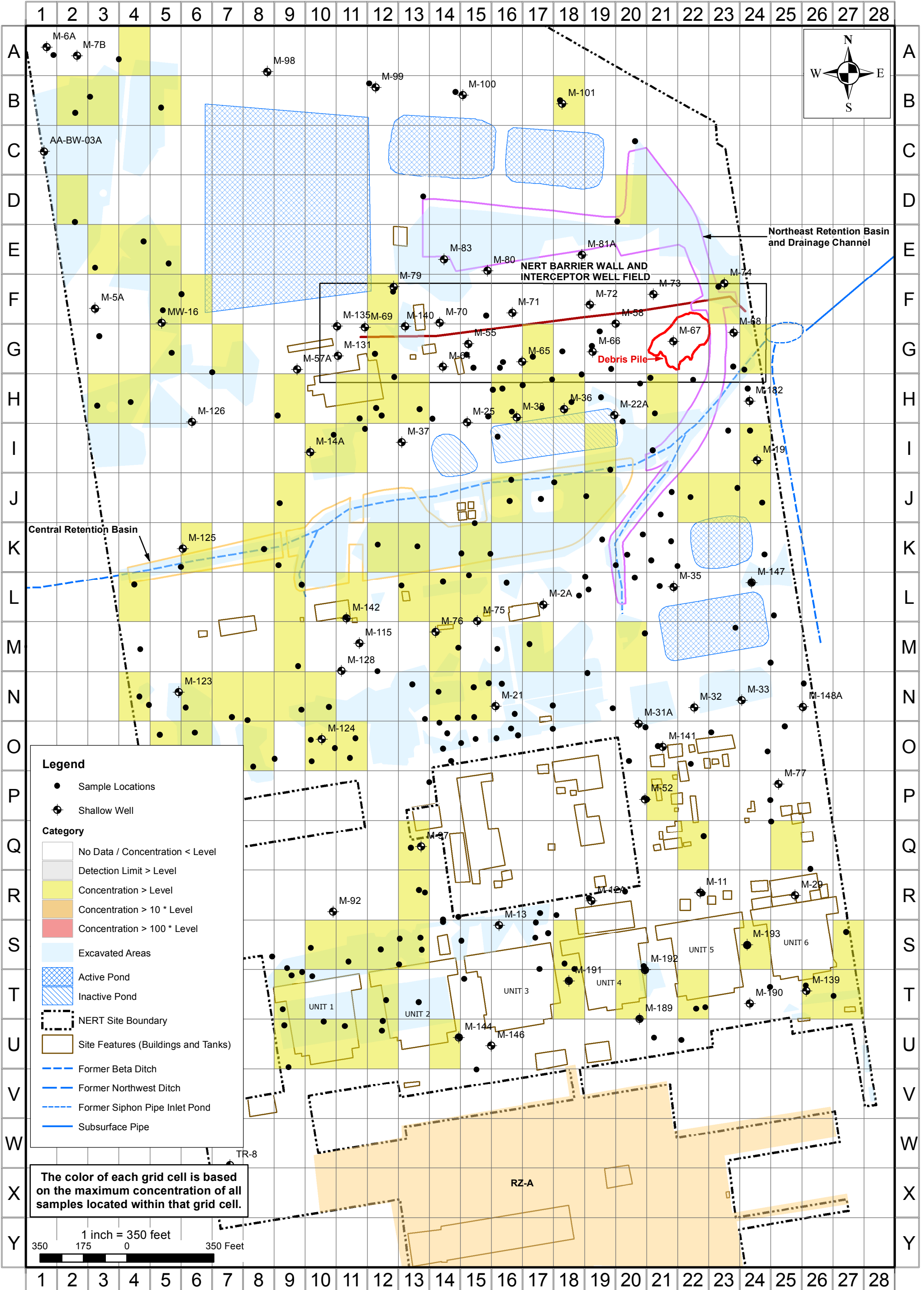
**MAGNESIUM SOIL CONCENTRATIONS >18,000 mg/kg, 0-10 FEET BGS**  
**RI Evaluation**

Nevada Environmental Response Trust Site  
Henderson, Nevada

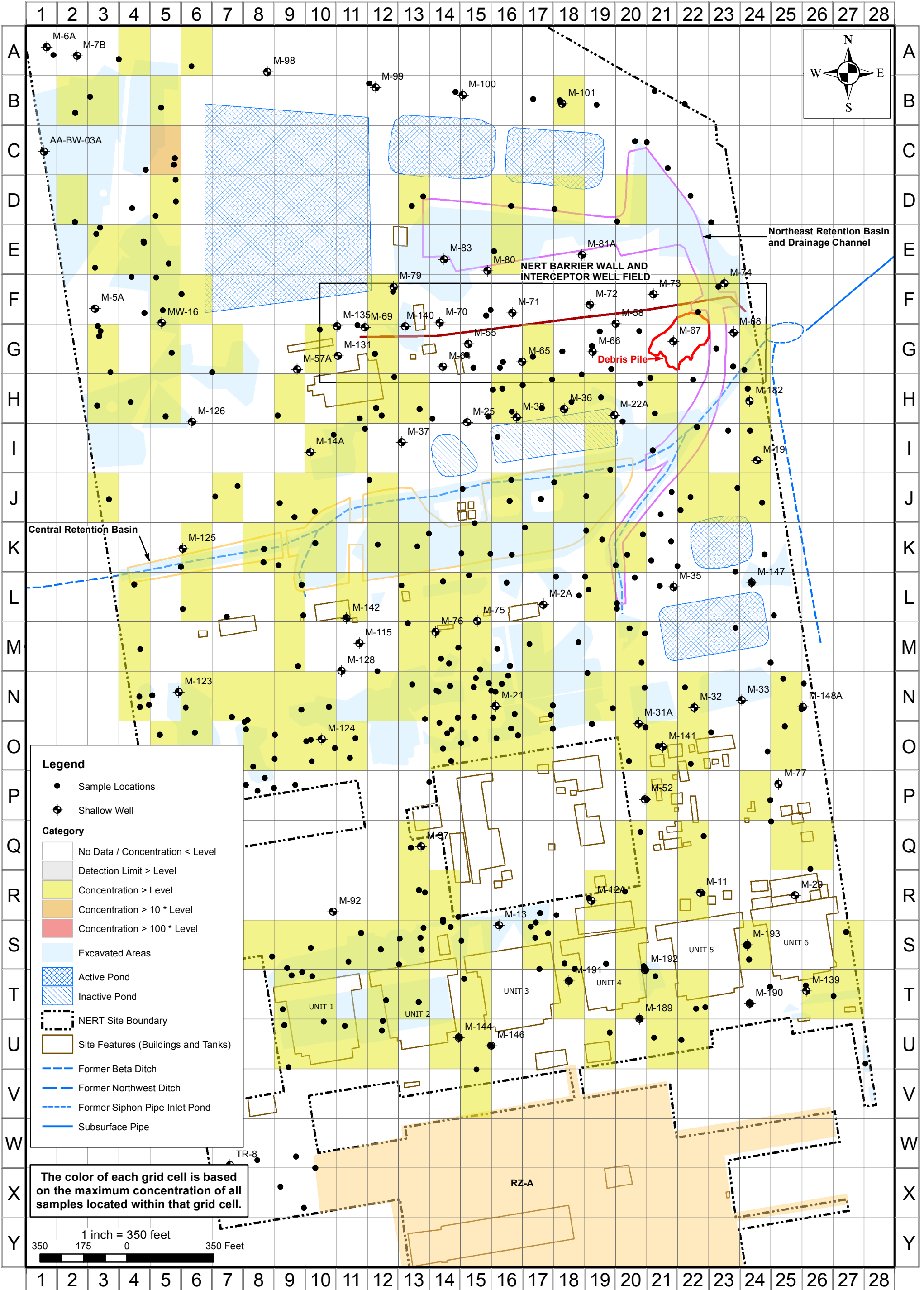
FIGURE  
**C-53**

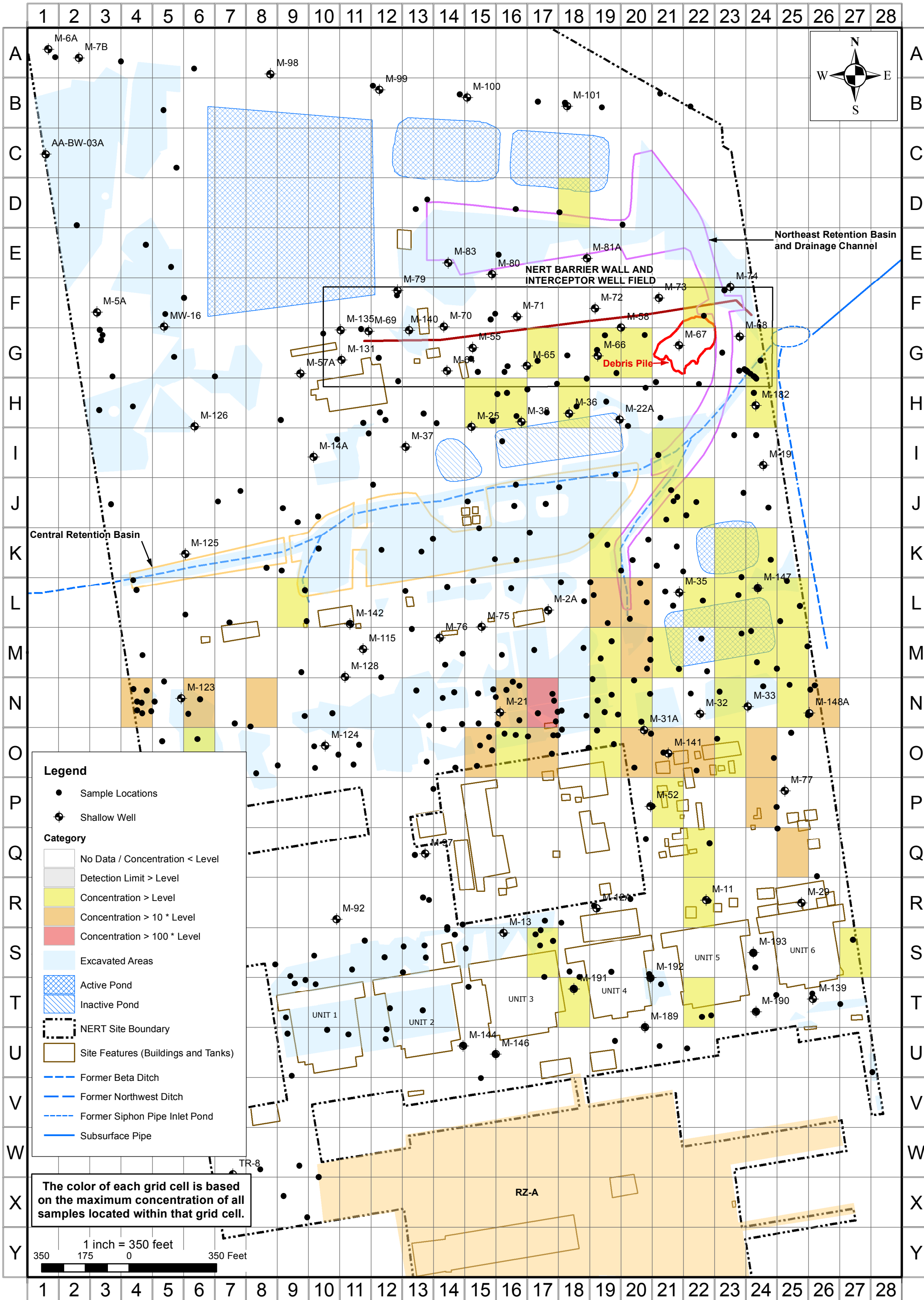








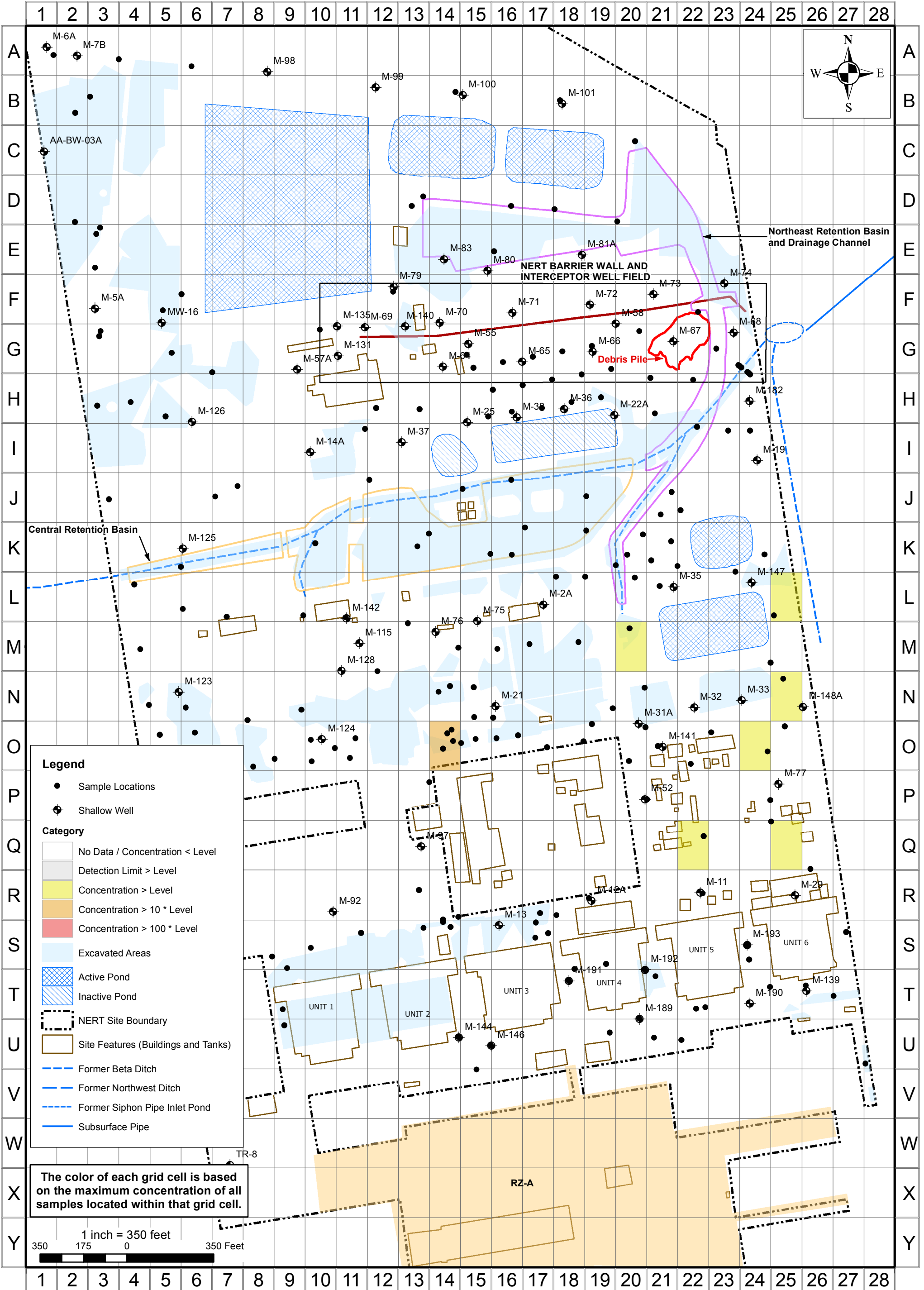




**MANGANESE SOIL CONCENTRATIONS >1,100 mg/kg, 0-10 FEET BGS**  
**RI Evaluation**

Nevada Environmental Response Trust Site  
Henderson, Nevada

FIGURE  
**C-57**

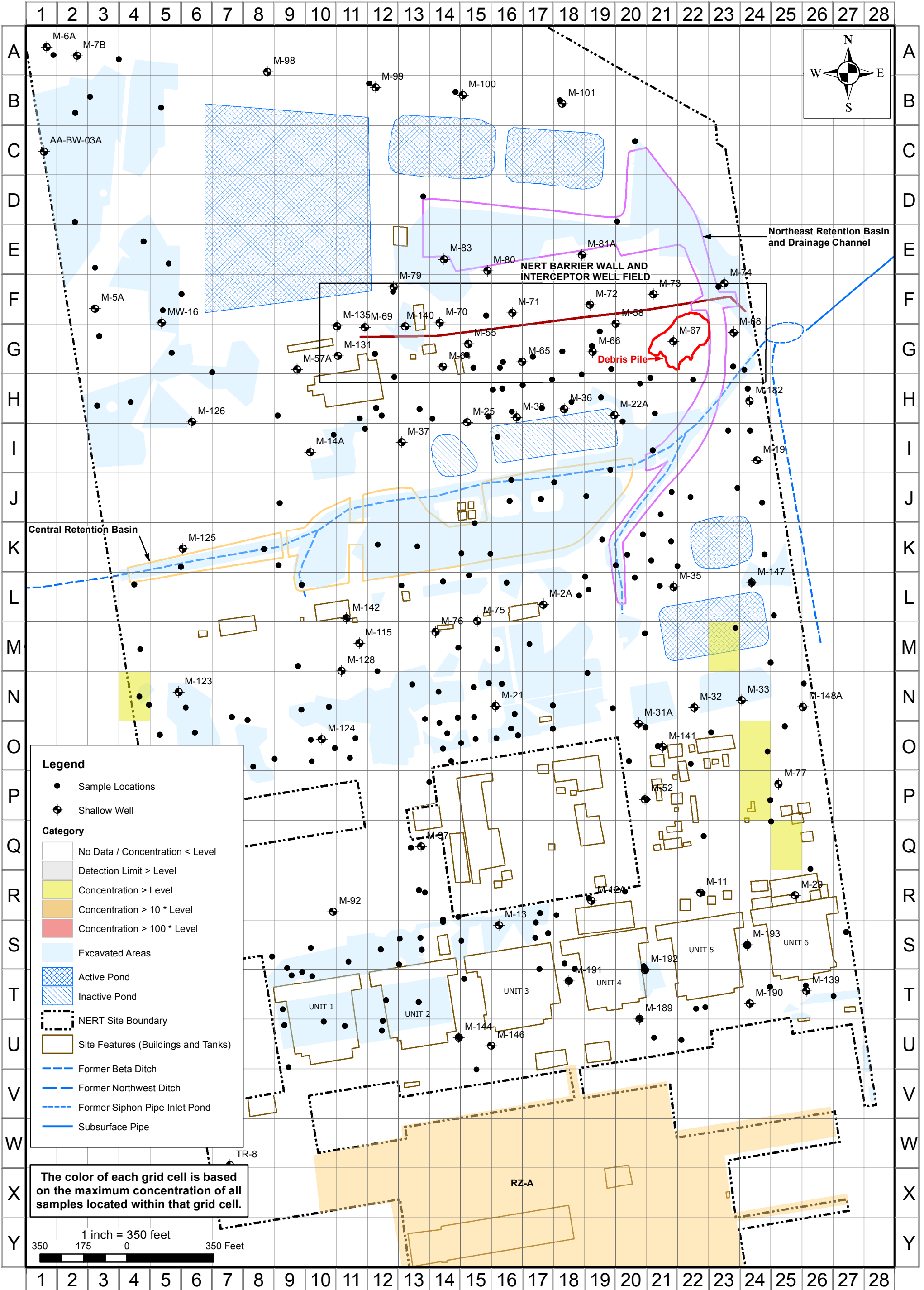


**MANGANESE SOIL CONCENTRATIONS >1,100 mg/kg, 10-20 FEET BGS**  
**RI Evaluation**

Nevada Environmental Response Trust Site  
Henderson, Nevada

FIGURE  
**C-58**

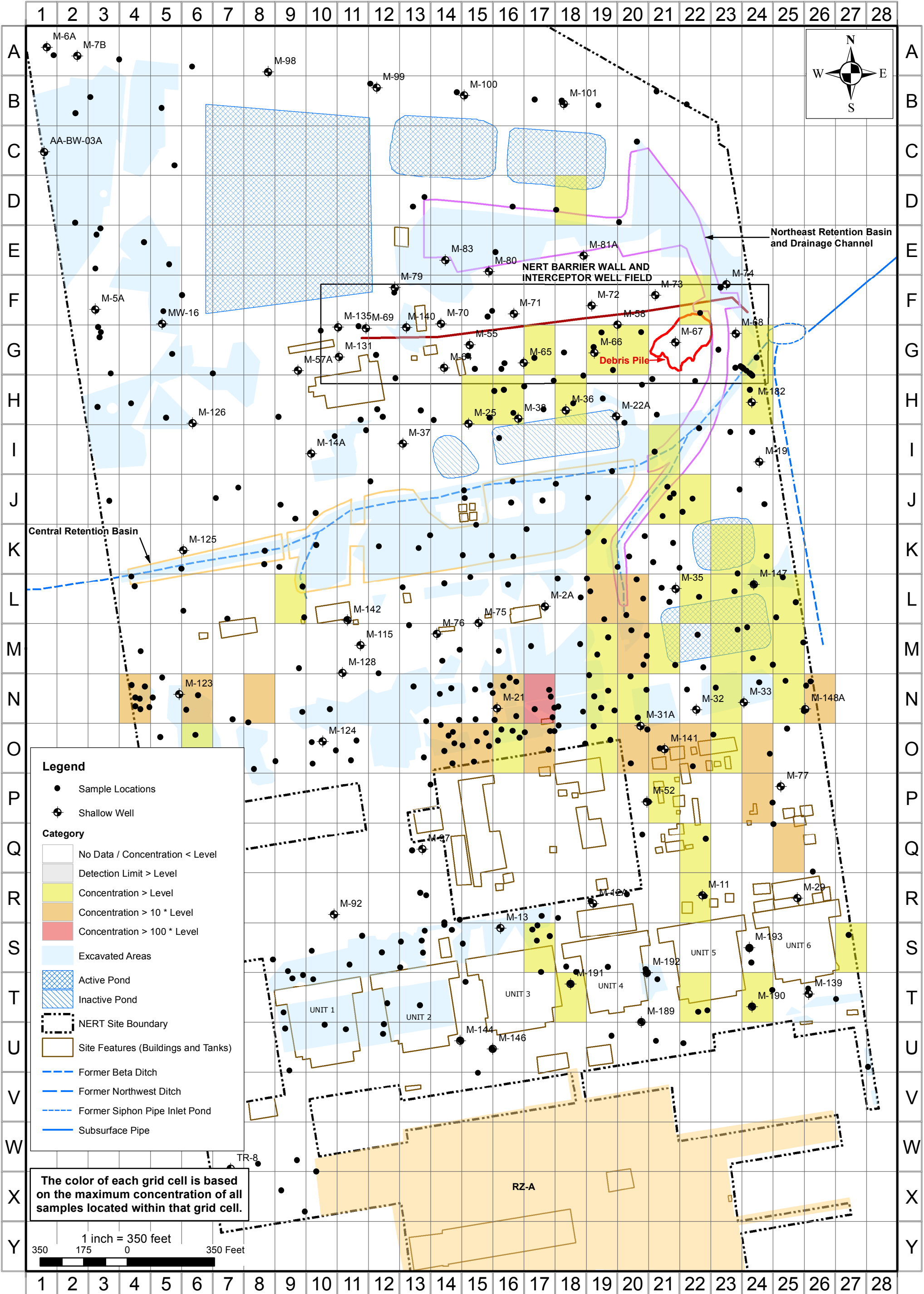


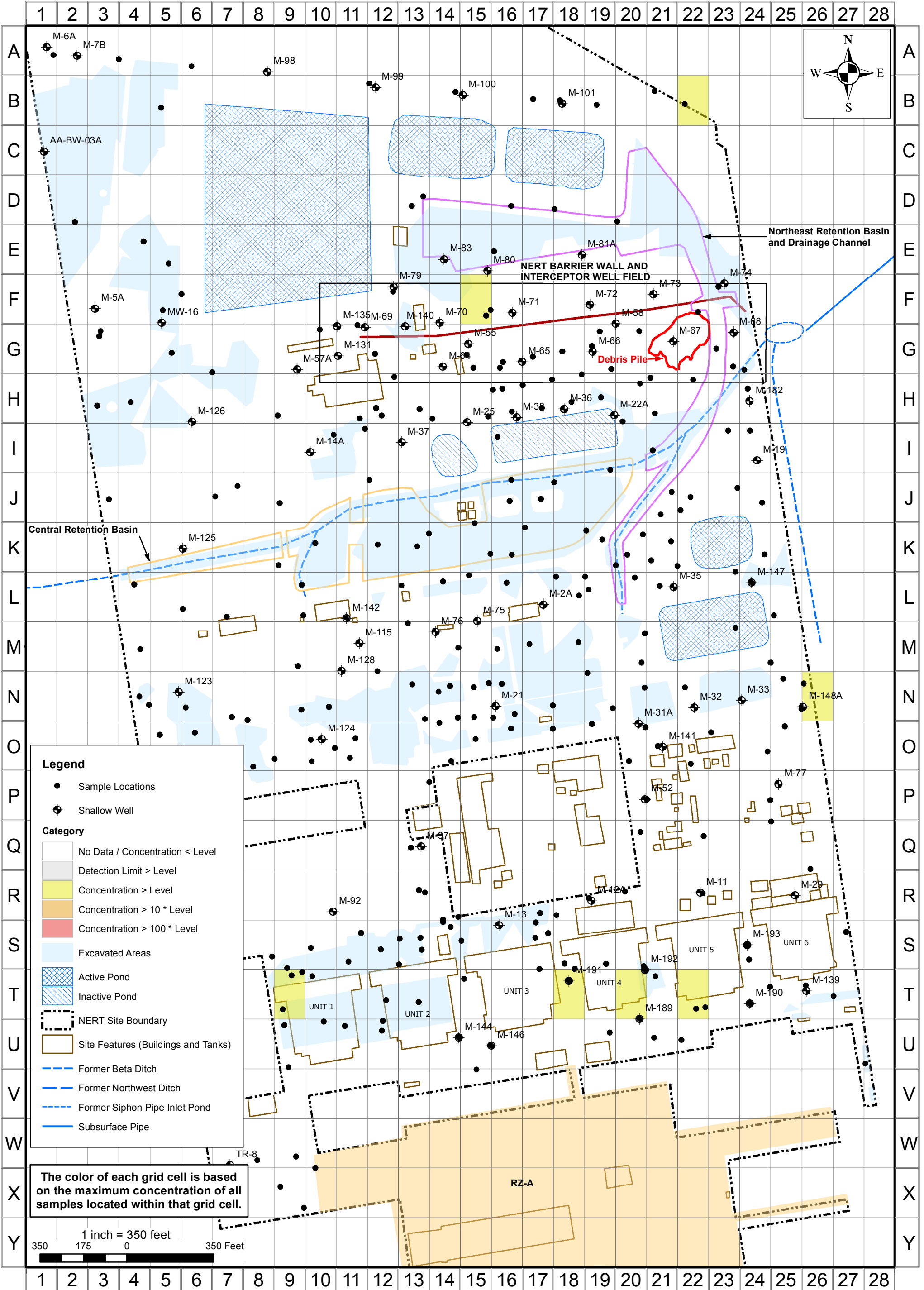


**MANGANESE SOIL CONCENTRATIONS >1,100 mg/kg, 20-30 FEET BGS**  
**RI Evaluation**

Nevada Environmental Response Trust Site  
Henderson, Nevada

FIGURE  
**C-59**





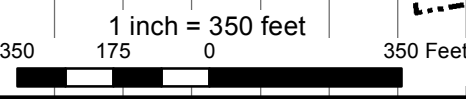
**Legend**

- Sample Locations
- ⊕ Shallow Well

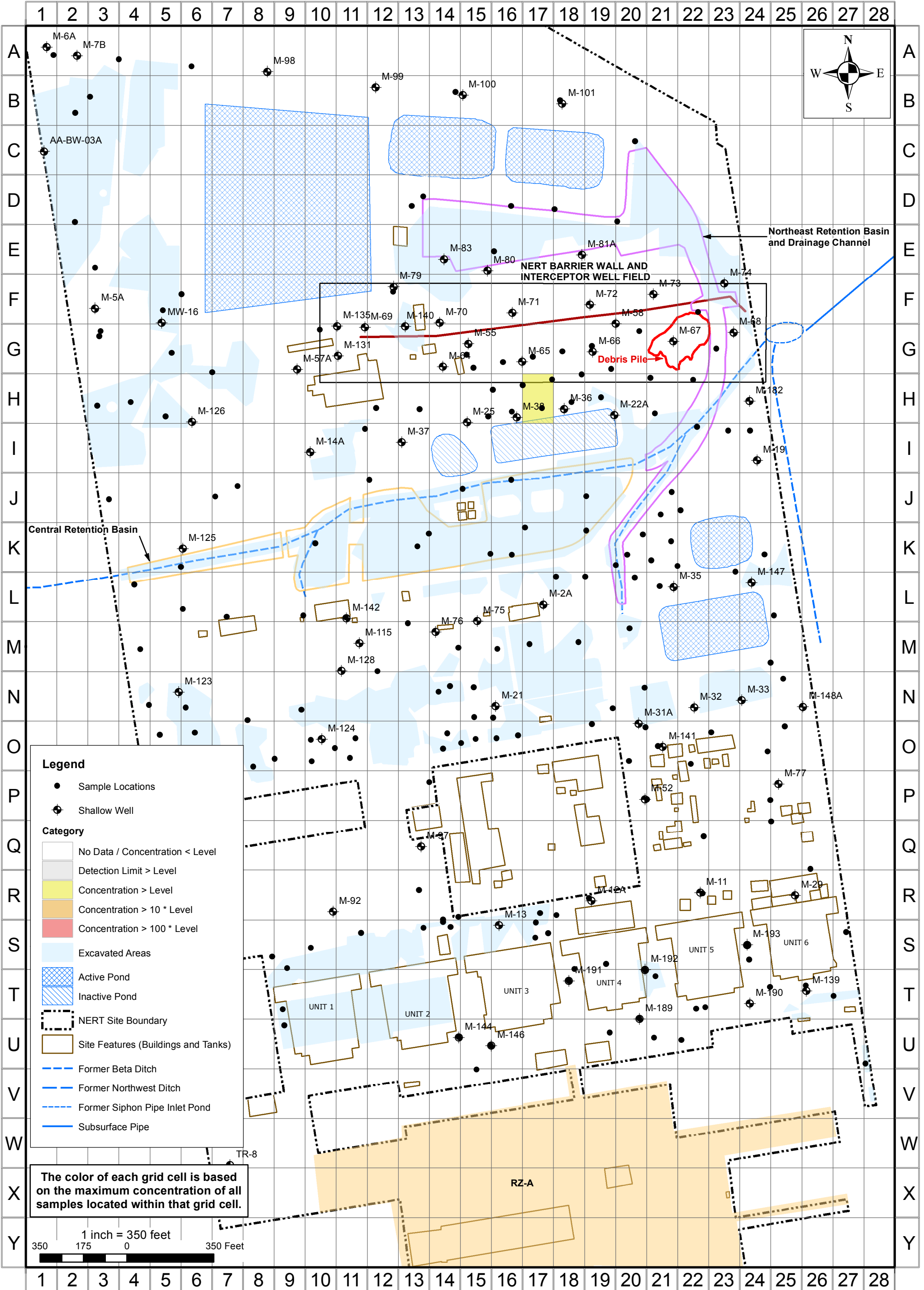
**Category**

- No Data / Concentration < Level
- Detection Limit > Level
- Concentration > Level
- Concentration > 10 \* Level
- Concentration > 100 \* Level
- Excavated Areas
- Active Pond
- Inactive Pond
- NERT Site Boundary
- Site Features (Buildings and Tanks)
- Former Beta Ditch
- Former Northwest Ditch
- Former Siphon Pipe Inlet Pond
- Subsurface Pipe

The color of each grid cell is based on the maximum concentration of all samples located within that grid cell.





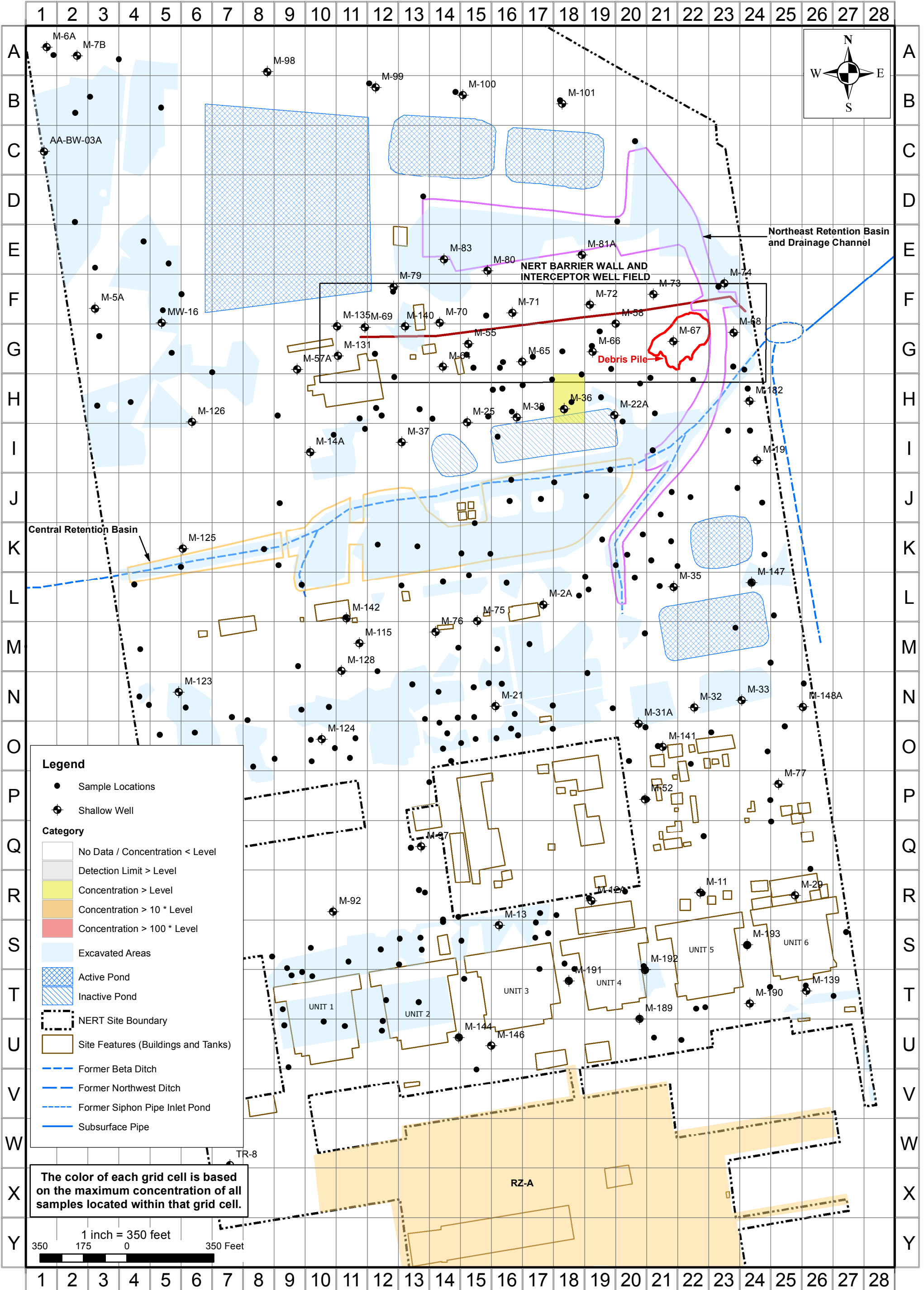


**MERCURY SOIL CONCENTRATIONS >0.362 mg/kg, 10-20 FEET BGS  
RI Evaluation**

Nevada Environmental Response Trust Site  
Henderson, Nevada

FIGURE  
**C-62**



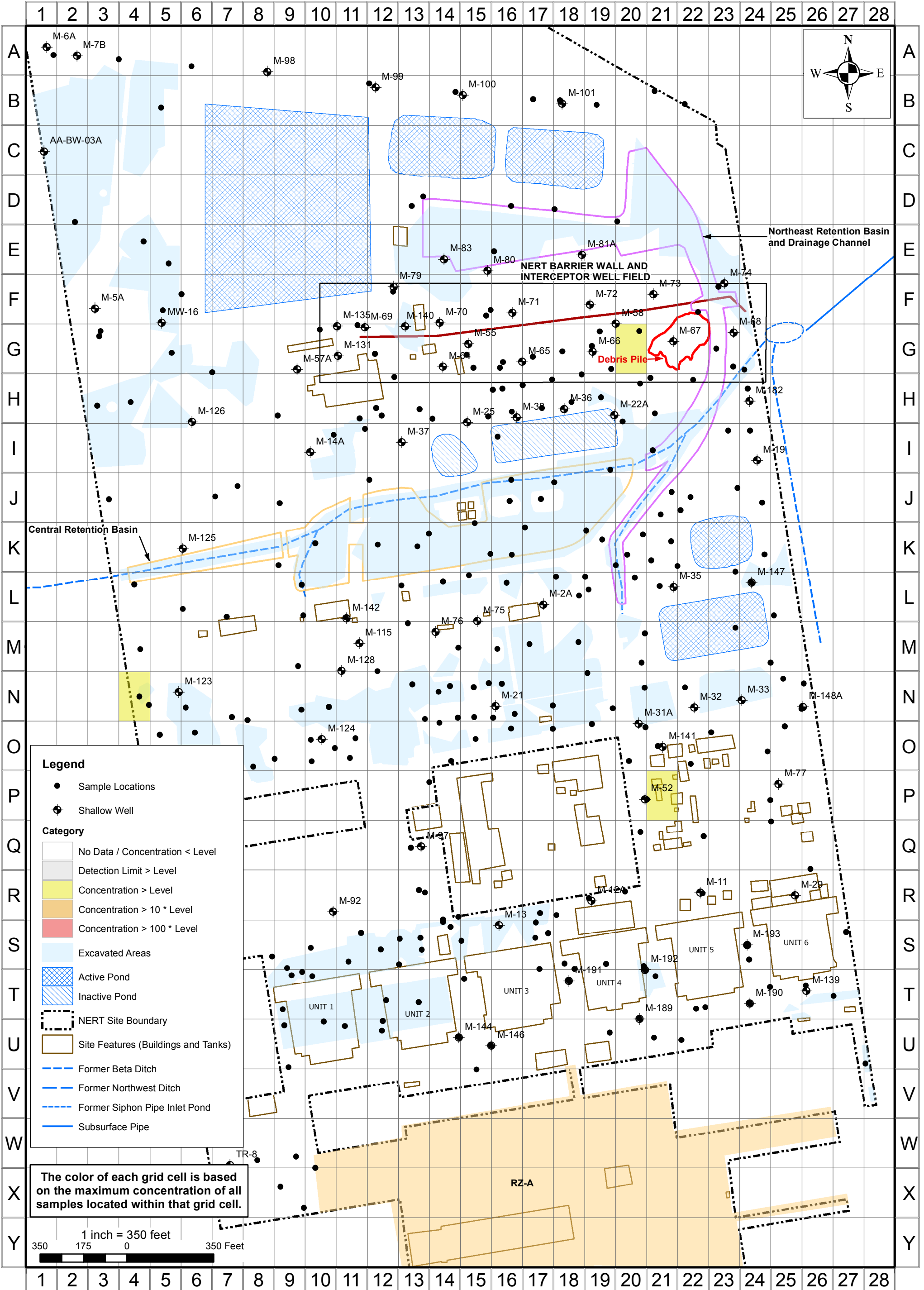


**MERCURY SOIL CONCENTRATIONS >0.362 mg/kg, 20-30 FEET BGS  
RI Evaluation**

Nevada Environmental Response Trust Site  
Henderson, Nevada

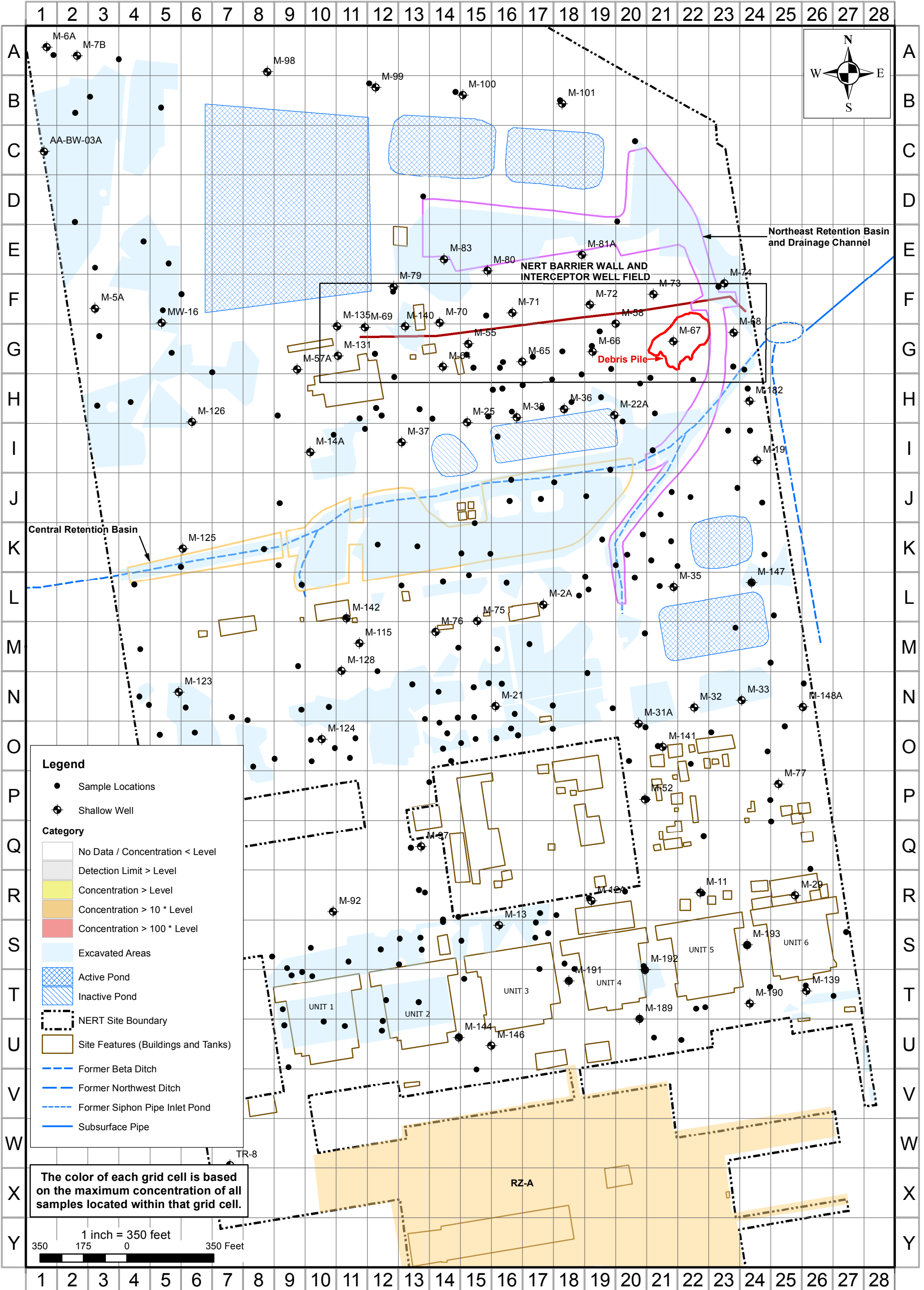
FIGURE  
**C-63**

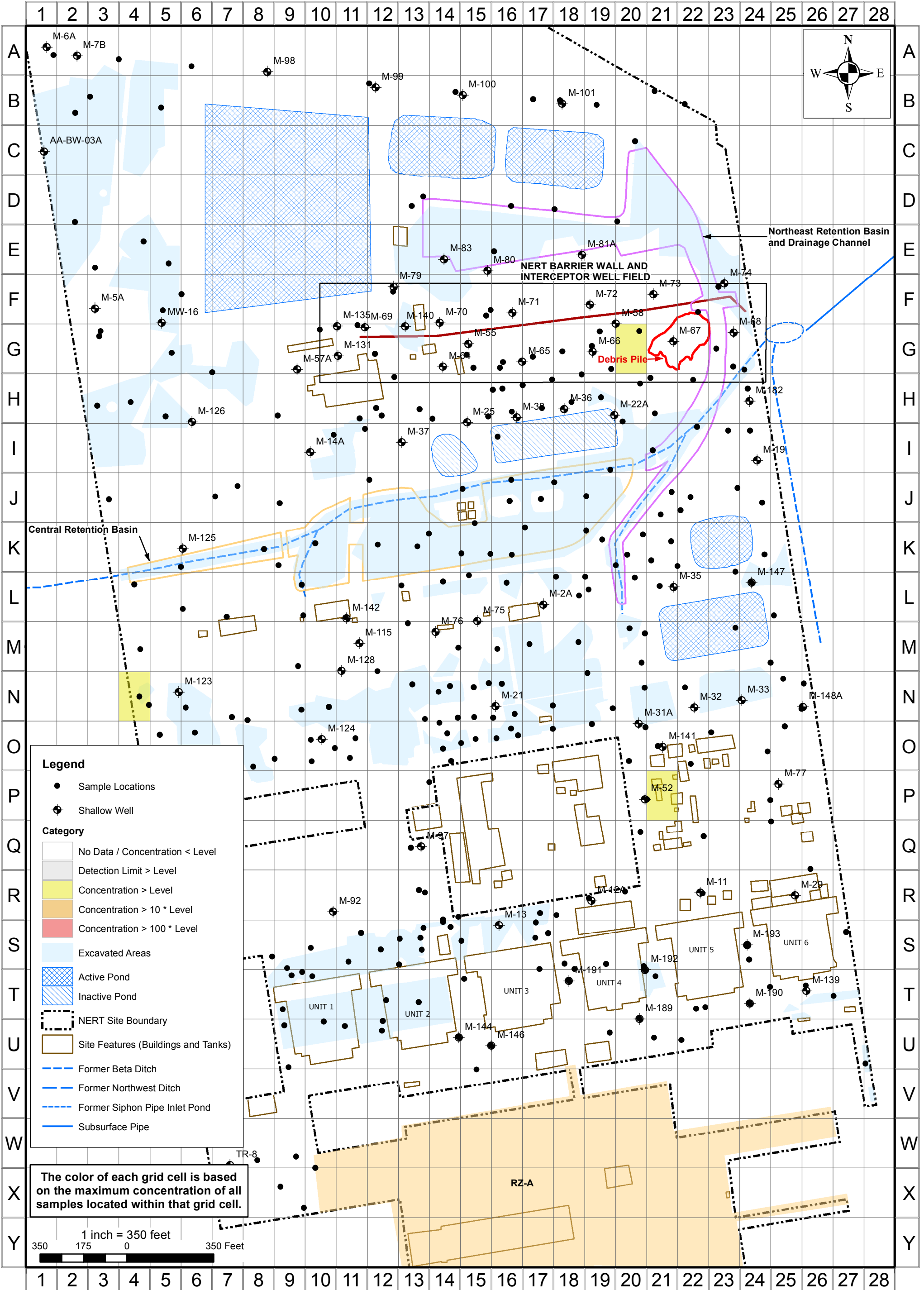










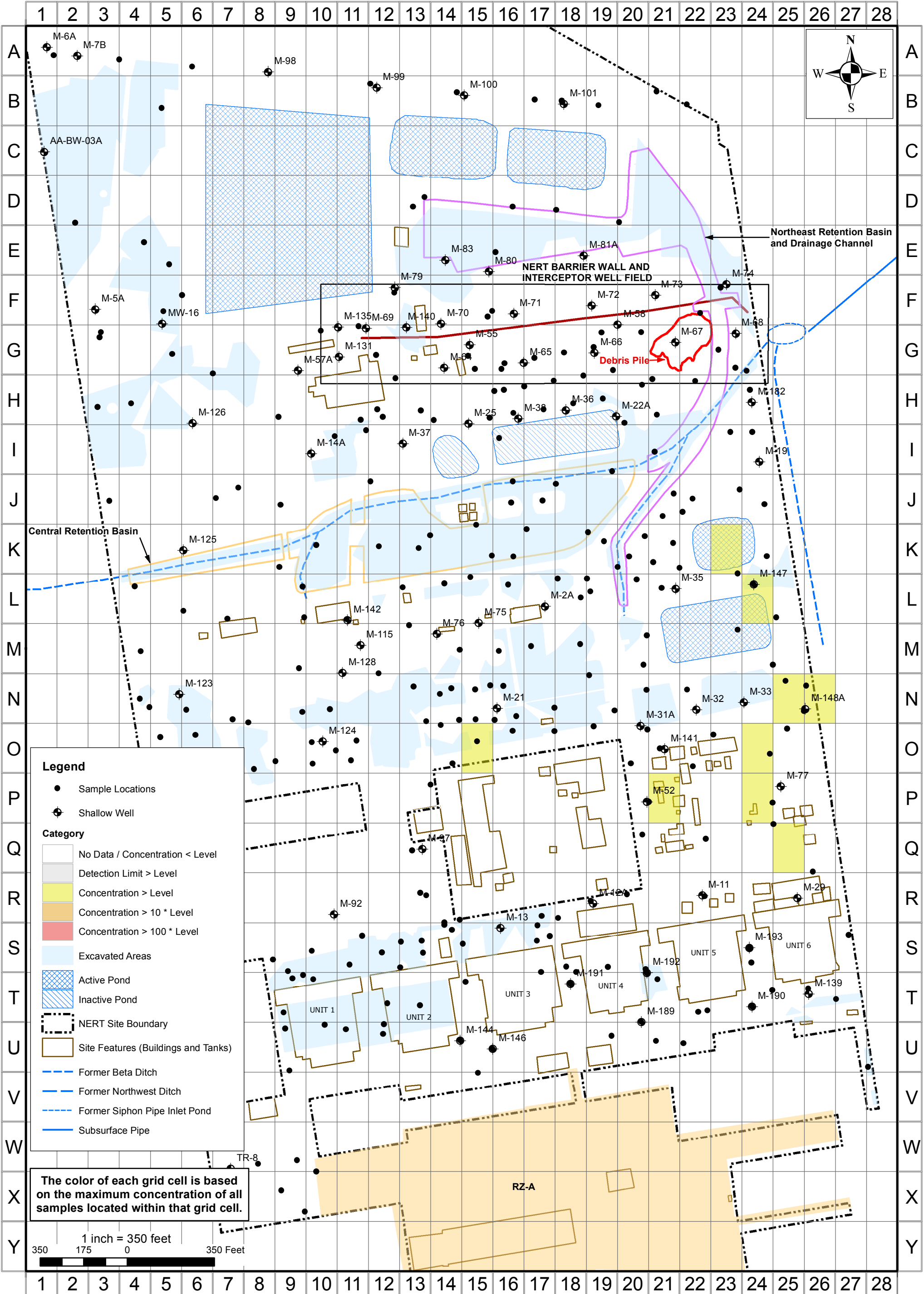


**MOLYBDENUM SOIL CONCENTRATIONS >32.7 mg/kg, ALL DEPTHS**  
**RI Evaluation**

Nevada Environmental Response Trust Site  
Henderson, Nevada

FIGURE  
**C-68**

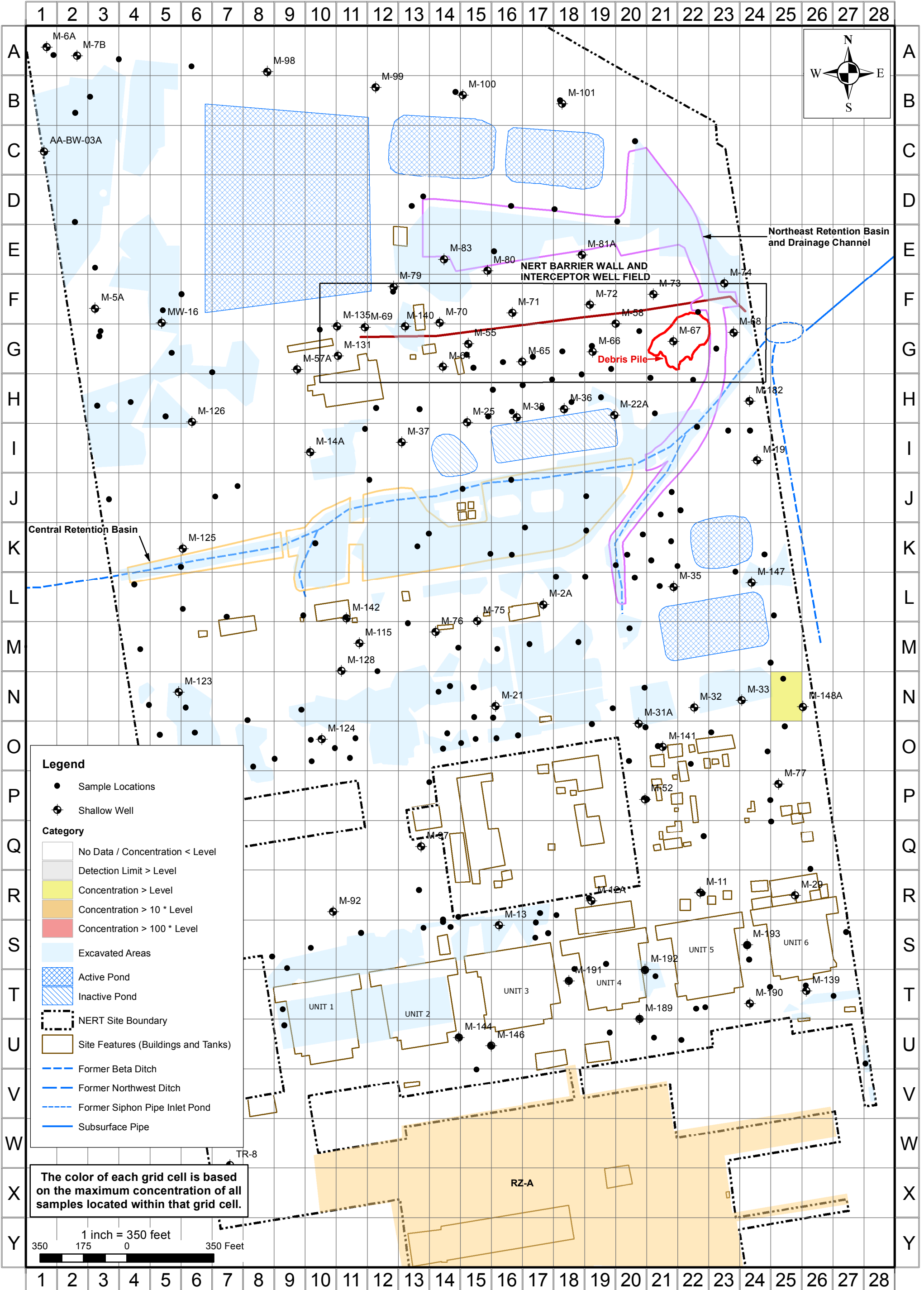


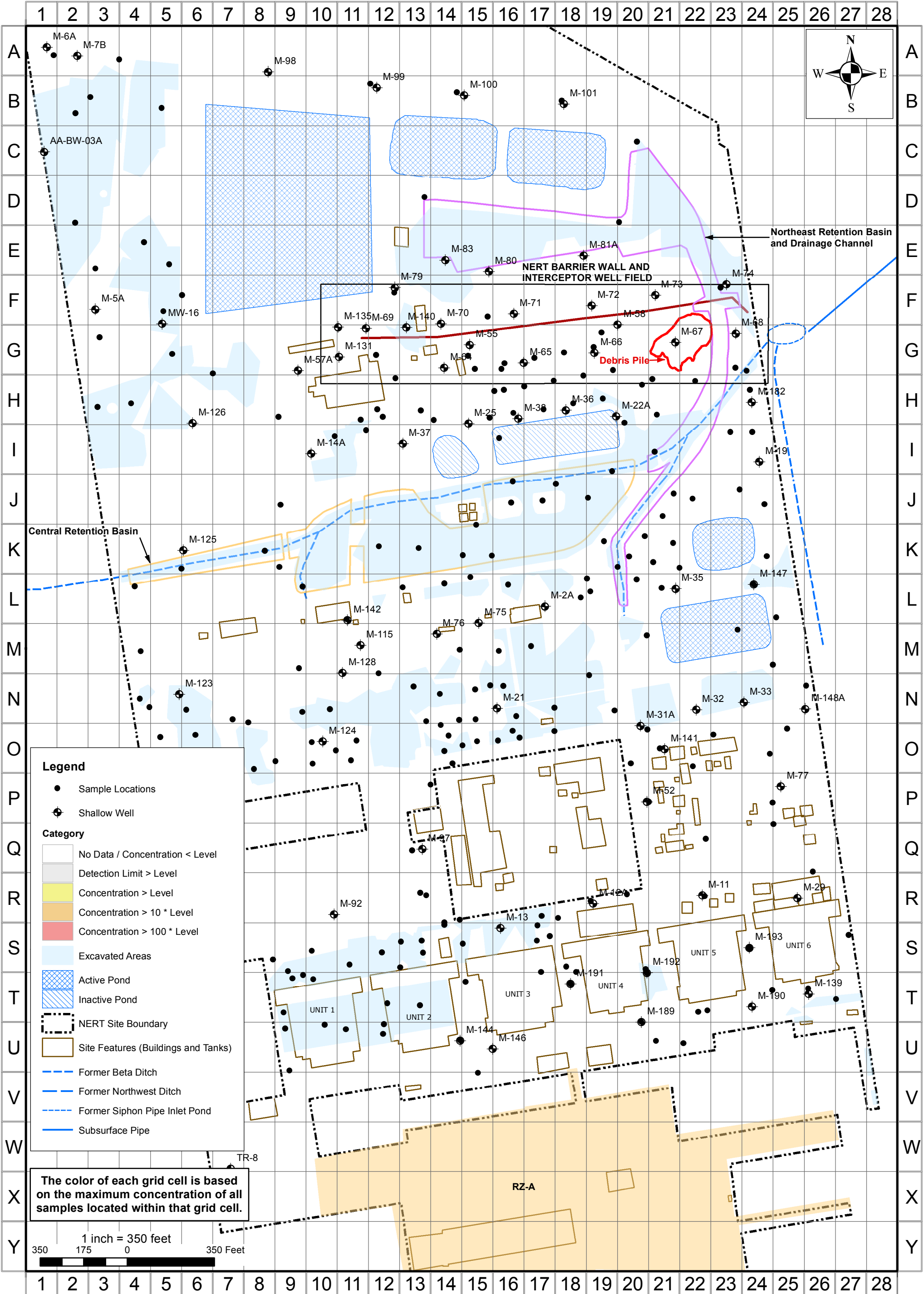


**NICKEL SOIL CONCENTRATIONS >30 mg/kg, 0-10 FEET BGS  
RI Evaluation**

Nevada Environmental Response Trust Site  
Henderson, Nevada

FIGURE  
**C-69**



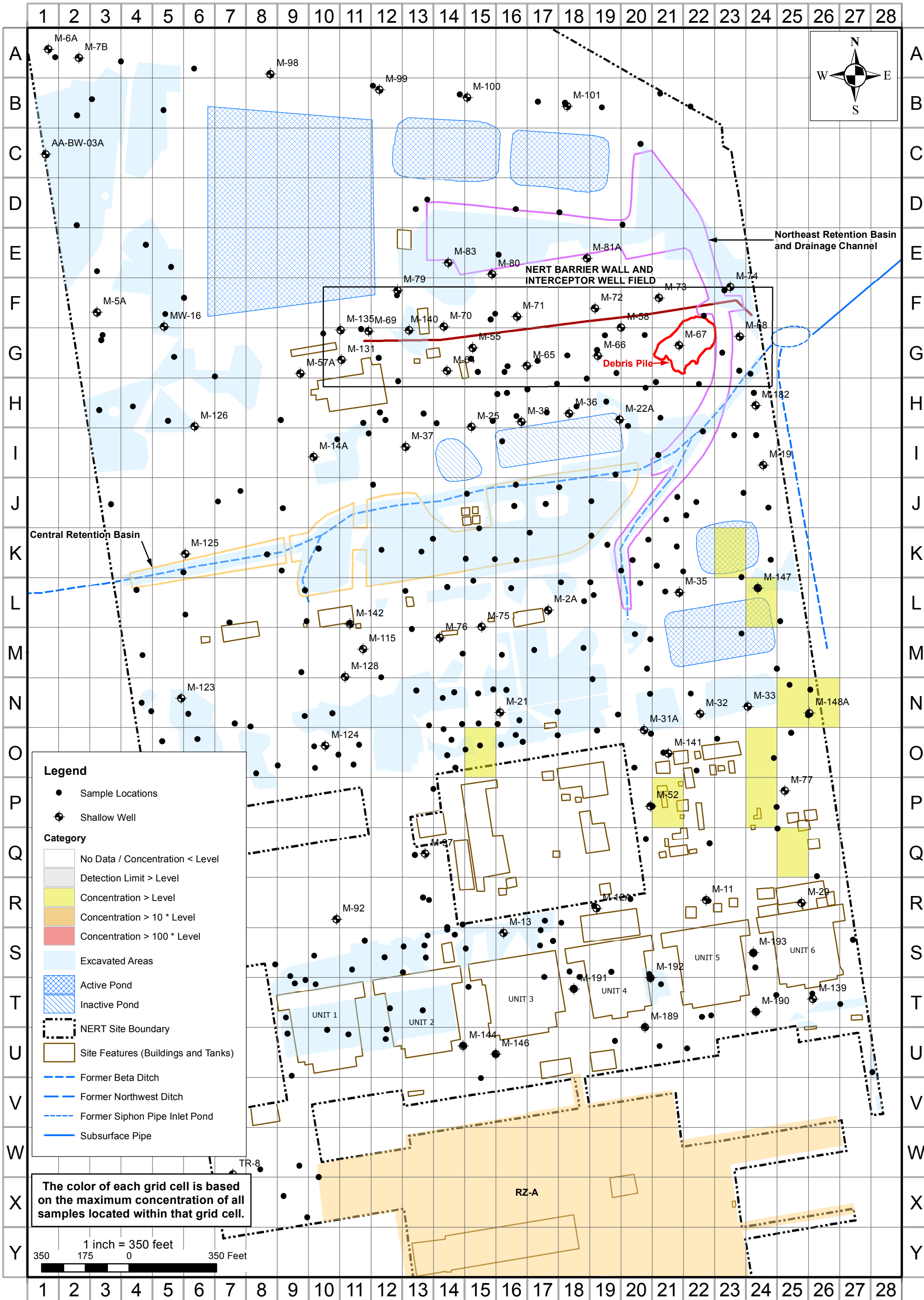


**NICKEL SOIL CONCENTRATIONS >30 mg/kg, 20-30 FEET BGS**  
**RI Evaluation**

Nevada Environmental Response Trust Site  
Henderson, Nevada

FIGURE  
**C-71**

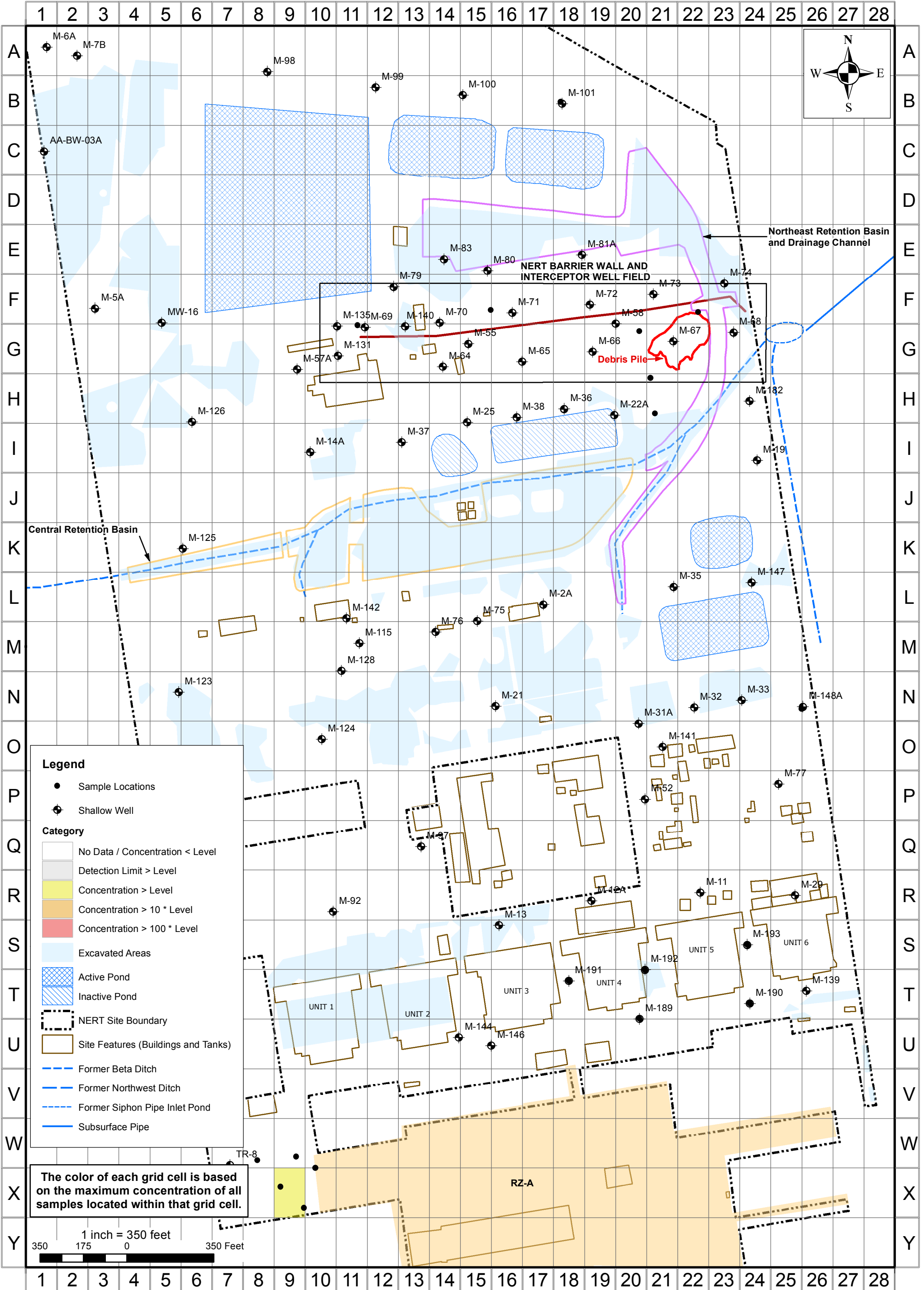




**NICKEL SOIL CONCENTRATIONS >30 mg/kg, ALL DEPTHS**  
**RI Evaluation**

Nevada Environmental Response Trust Site  
Henderson, Nevada

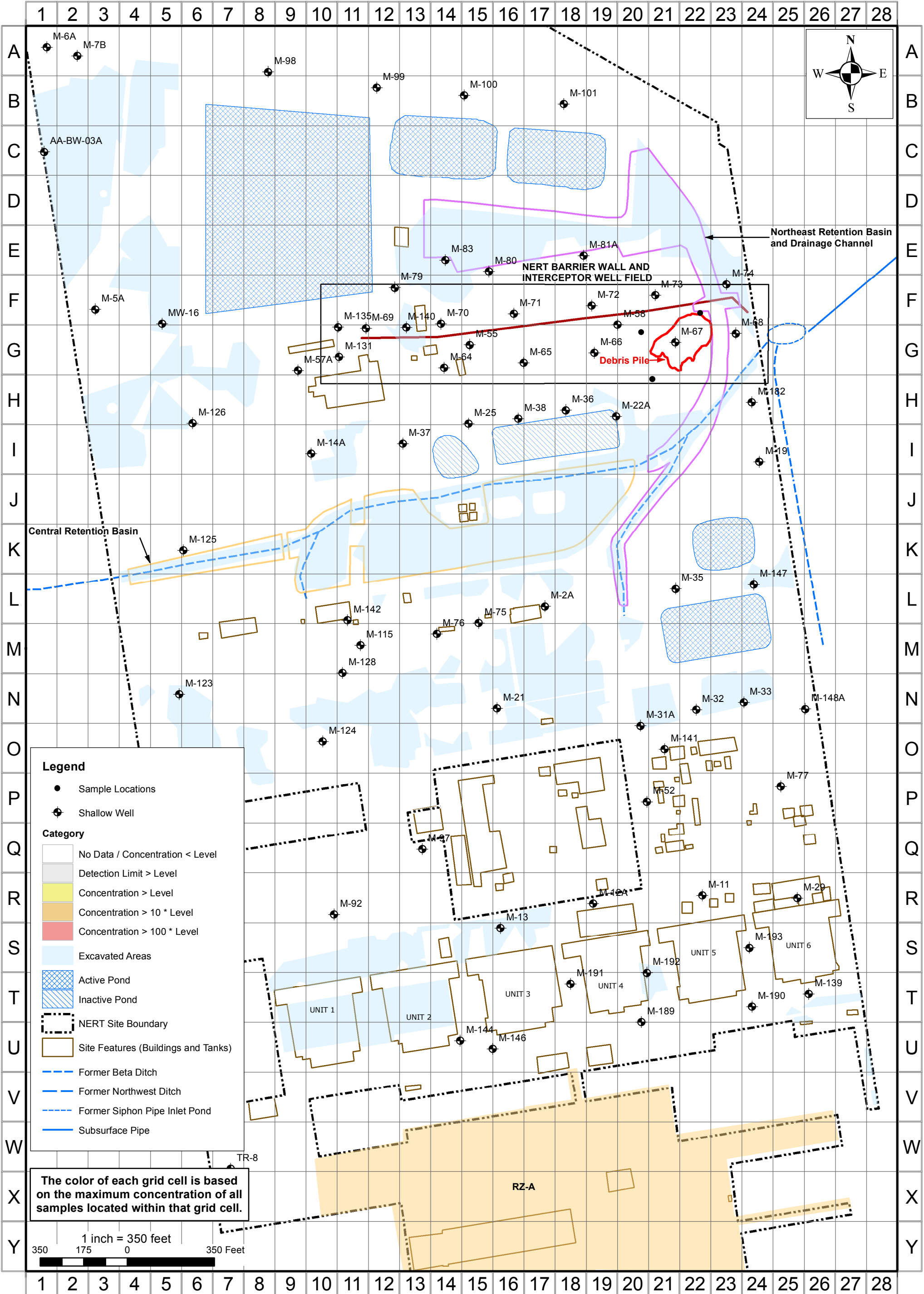
FIGURE  
**C-72**



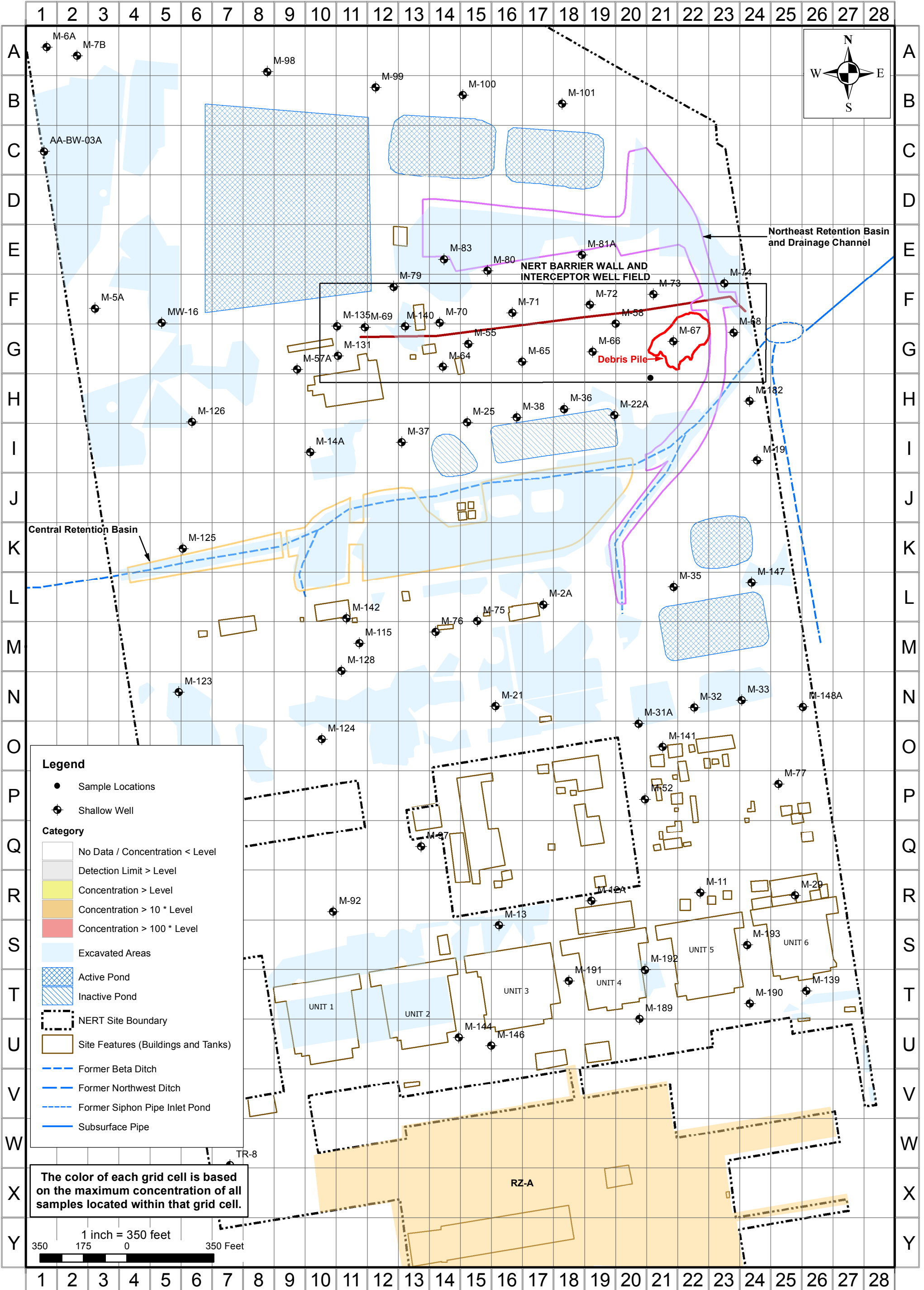
**NIOBIMUM SOIL CONCENTRATIONS > 2.8 mg/kg, 0-10 FEET BGS**  
**RI Evaluation**

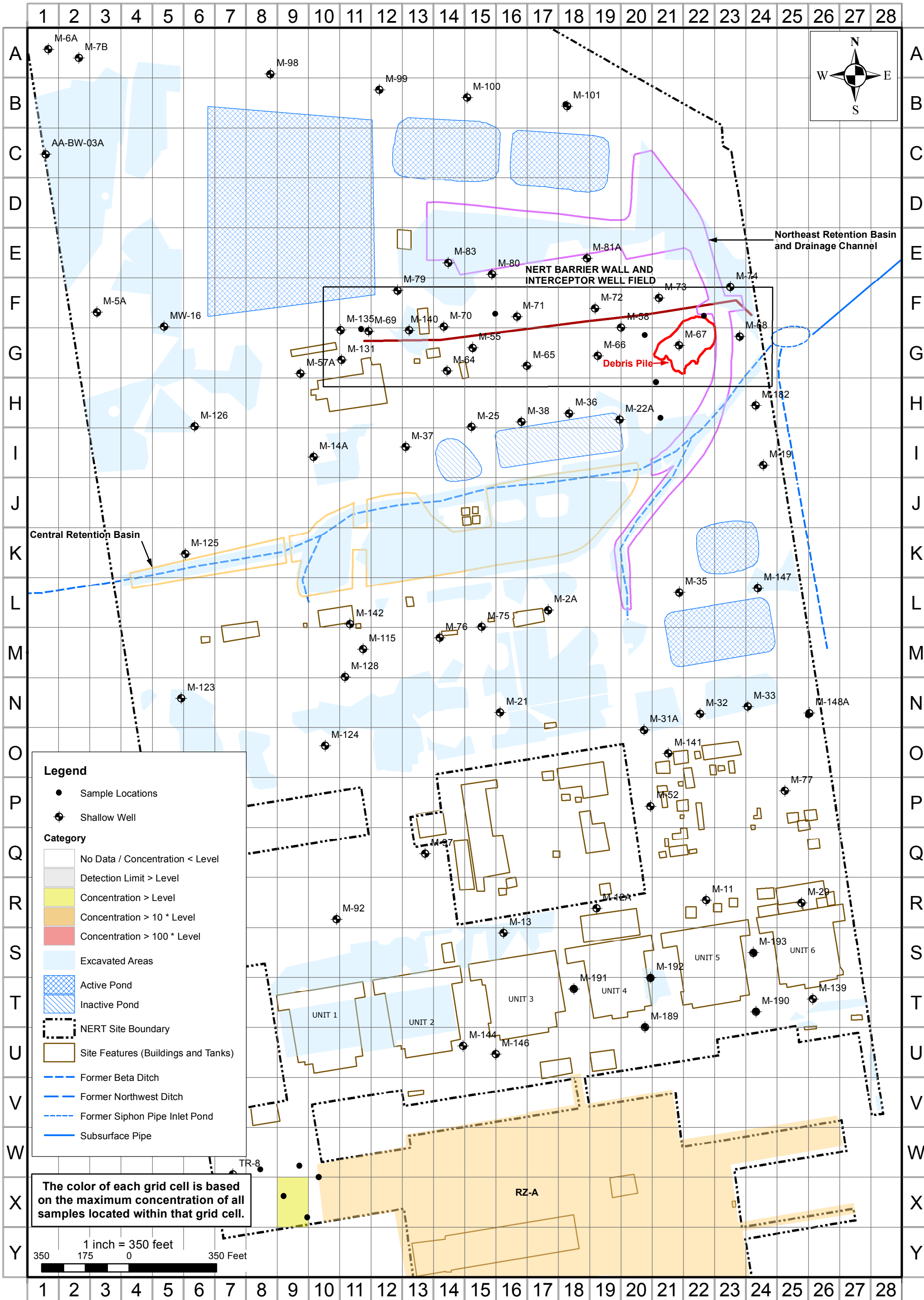
Nevada Environmental Response Trust Site  
Henderson, Nevada

FIGURE  
**C-73**









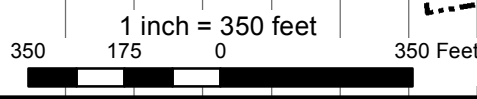
**Legend**

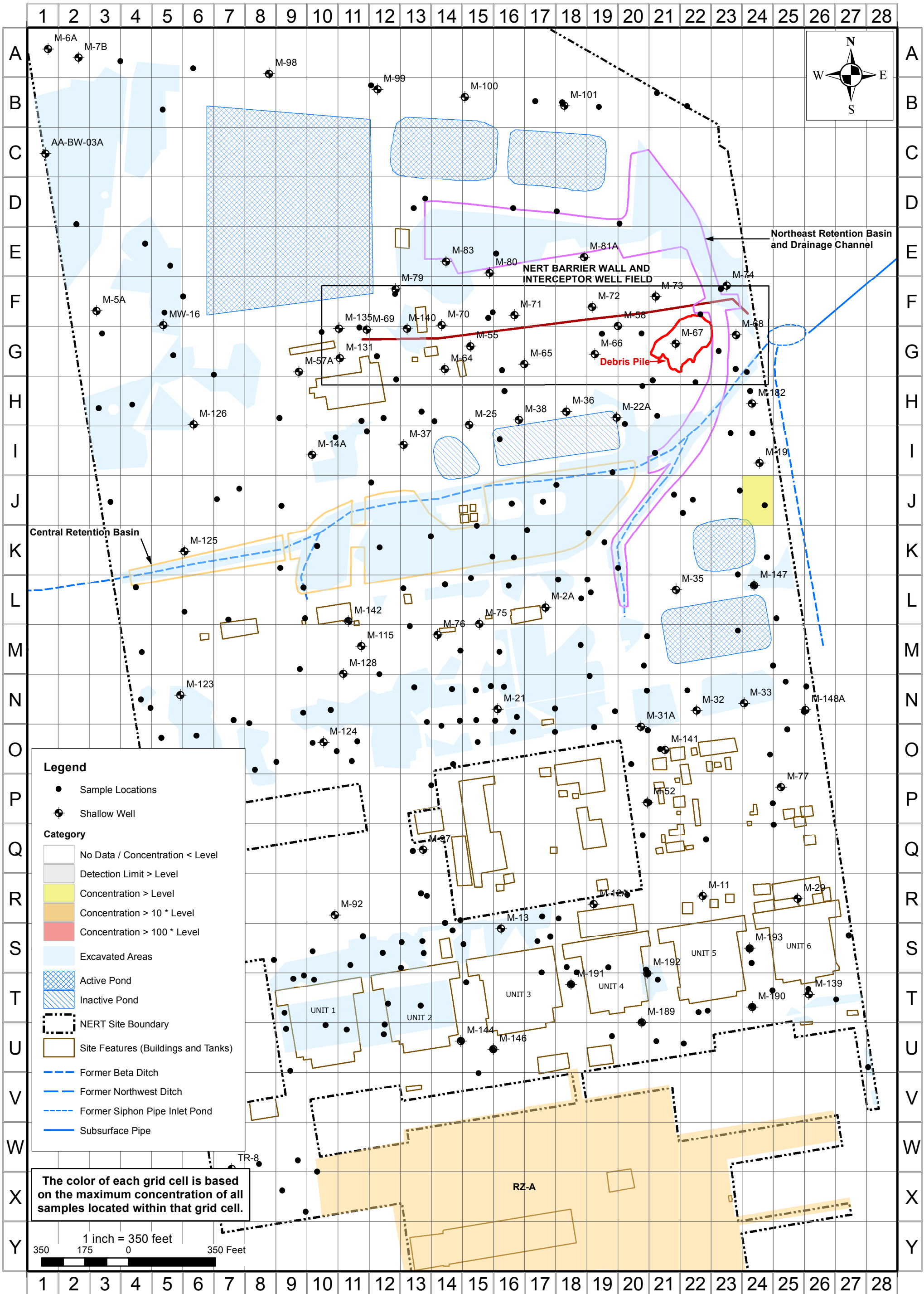
- Sample Locations
- ⊕ Shallow Well

**Category**

- No Data / Concentration < Level
- Detection Limit > Level
- Concentration > Level
- Concentration > 10 \* Level
- Concentration > 100 \* Level
- Excavated Areas
- ▨ Active Pond
- ▨ Inactive Pond
- ⊞ NERT Site Boundary
- Site Features (Buildings and Tanks)
- Former Beta Ditch
- Former Northwest Ditch
- Former Siphon Pipe Inlet Pond
- Subsurface Pipe

The color of each grid cell is based on the maximum concentration of all samples located within that grid cell.





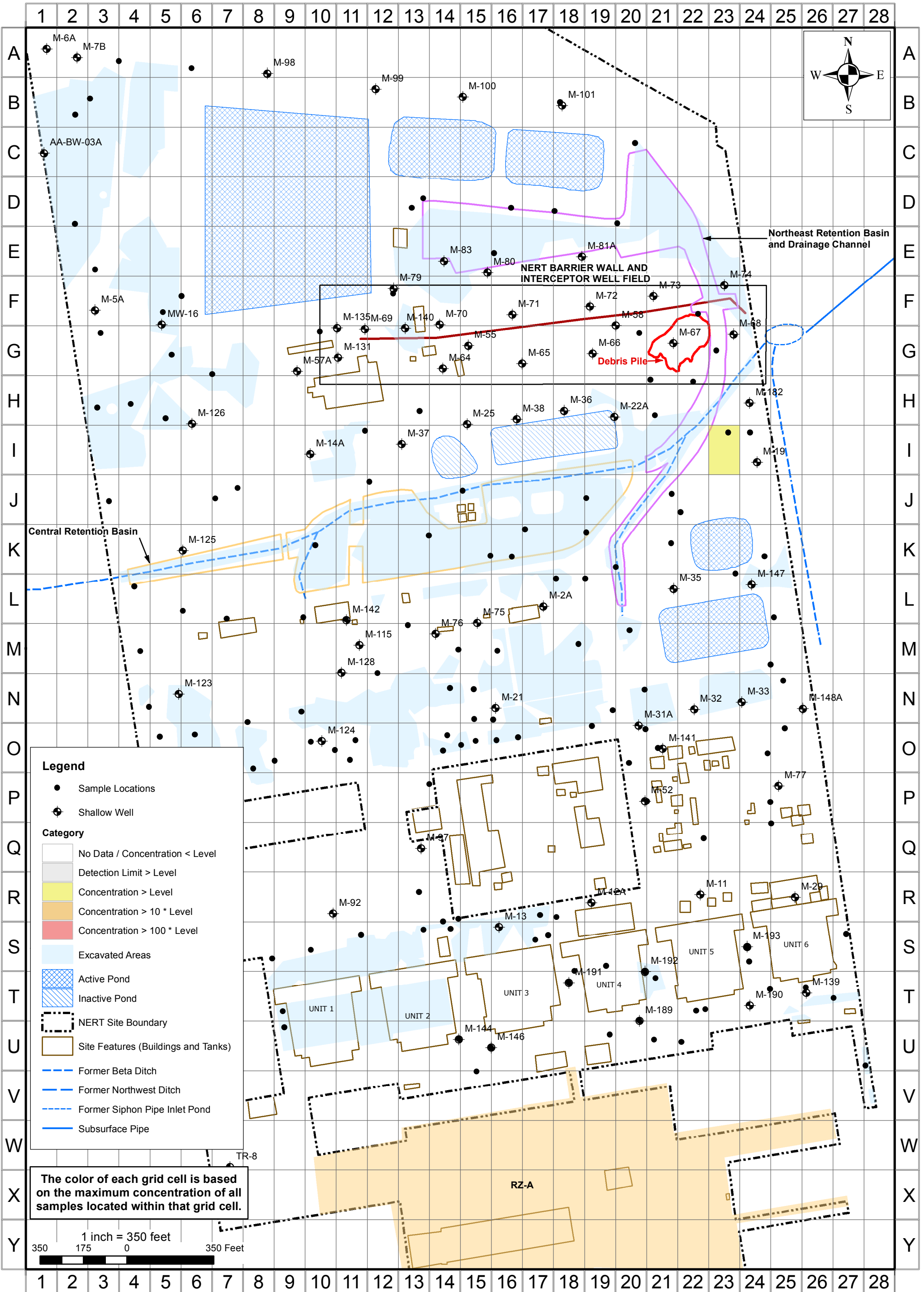
**PHOSPHORUS (TOTAL) SOIL CONCENTRATIONS >2,000 mg/kg, 0-10 FEET BGS**  
**RI Evaluation**

Nevada Environmental Response Trust Site

FIGURE  
**C-77**

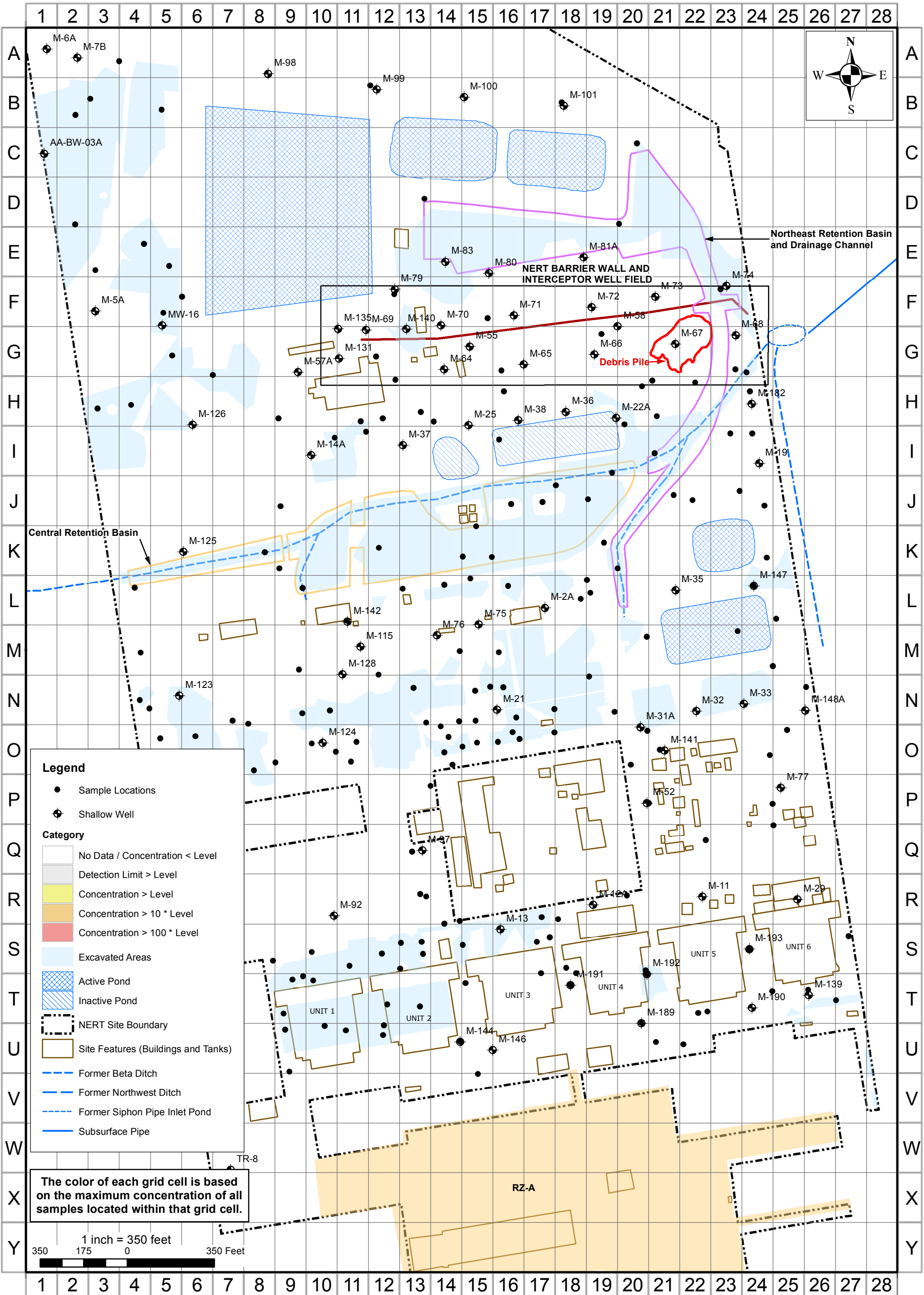
21-38800C





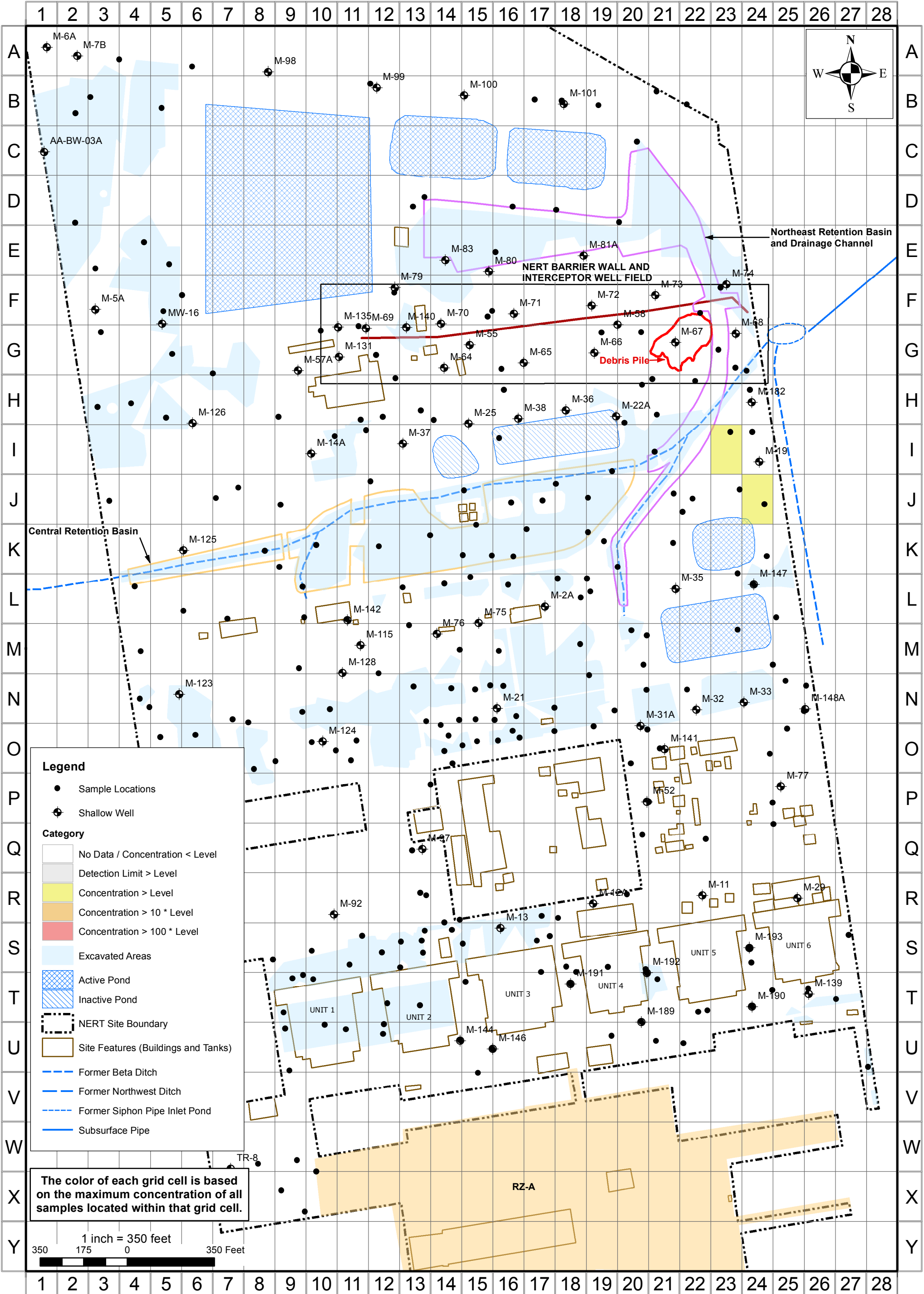
**PHOSPHORUS (TOTAL) SOIL CONCENTRATIONS >2,000 mg/kg, 10-20 FEET BGS**  
**RI Evaluation**

FIGURE  
**C-78**



**PHOSPHORUS (TOTAL) SOIL CONCENTRATIONS >2,000 mg/kg, 20-30 FEET BGS**  
**RI Evaluation**

**FIGURE C-79**



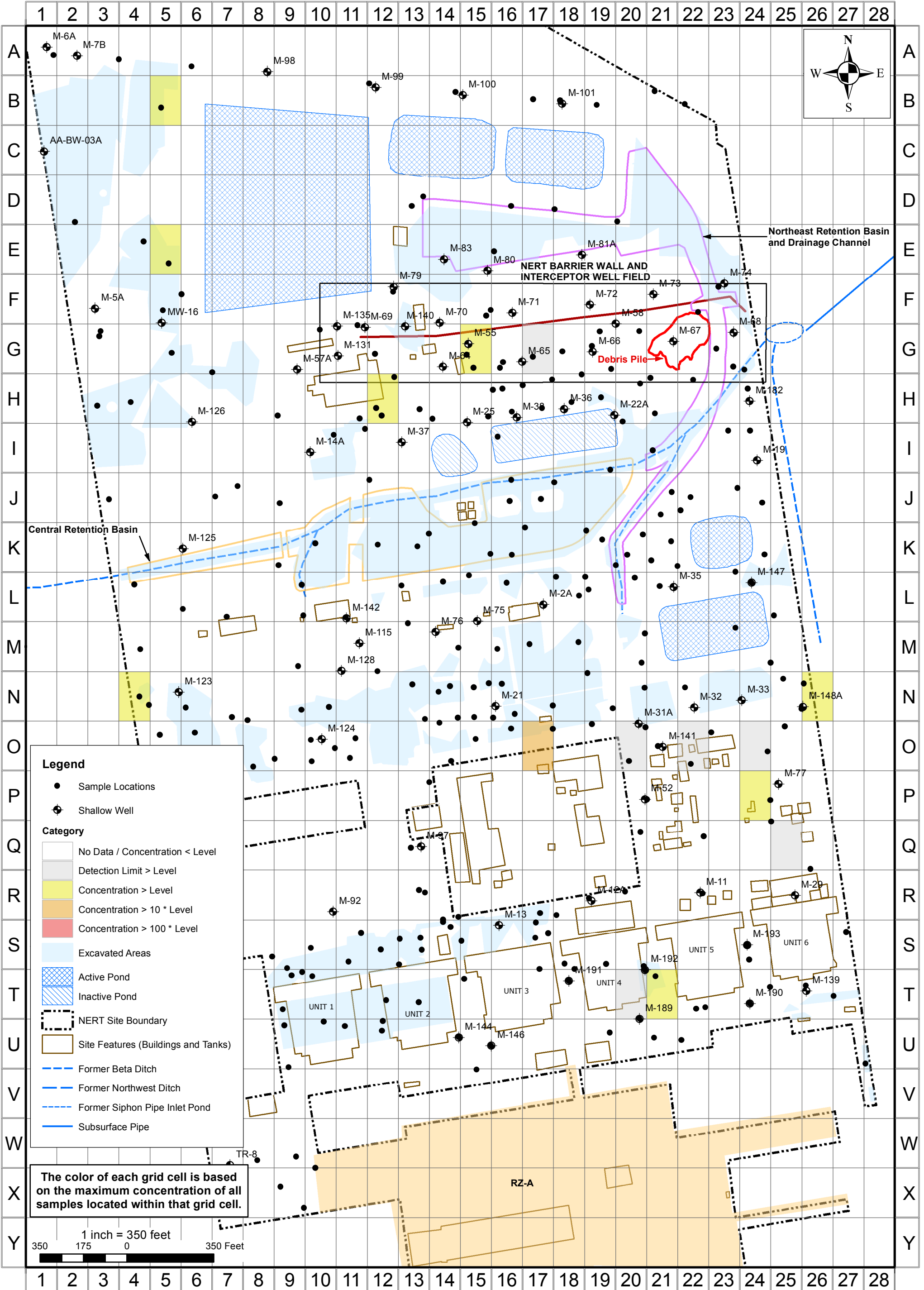
**PHOSPHORUS (TOTAL) SOIL CONCENTRATIONS > 2,000 mg/kg, ALL DEPTHS**  
**RI Evaluation**

Nevada Environmental Response Trust Site

FIGURE  
**C-80**

21-38800C

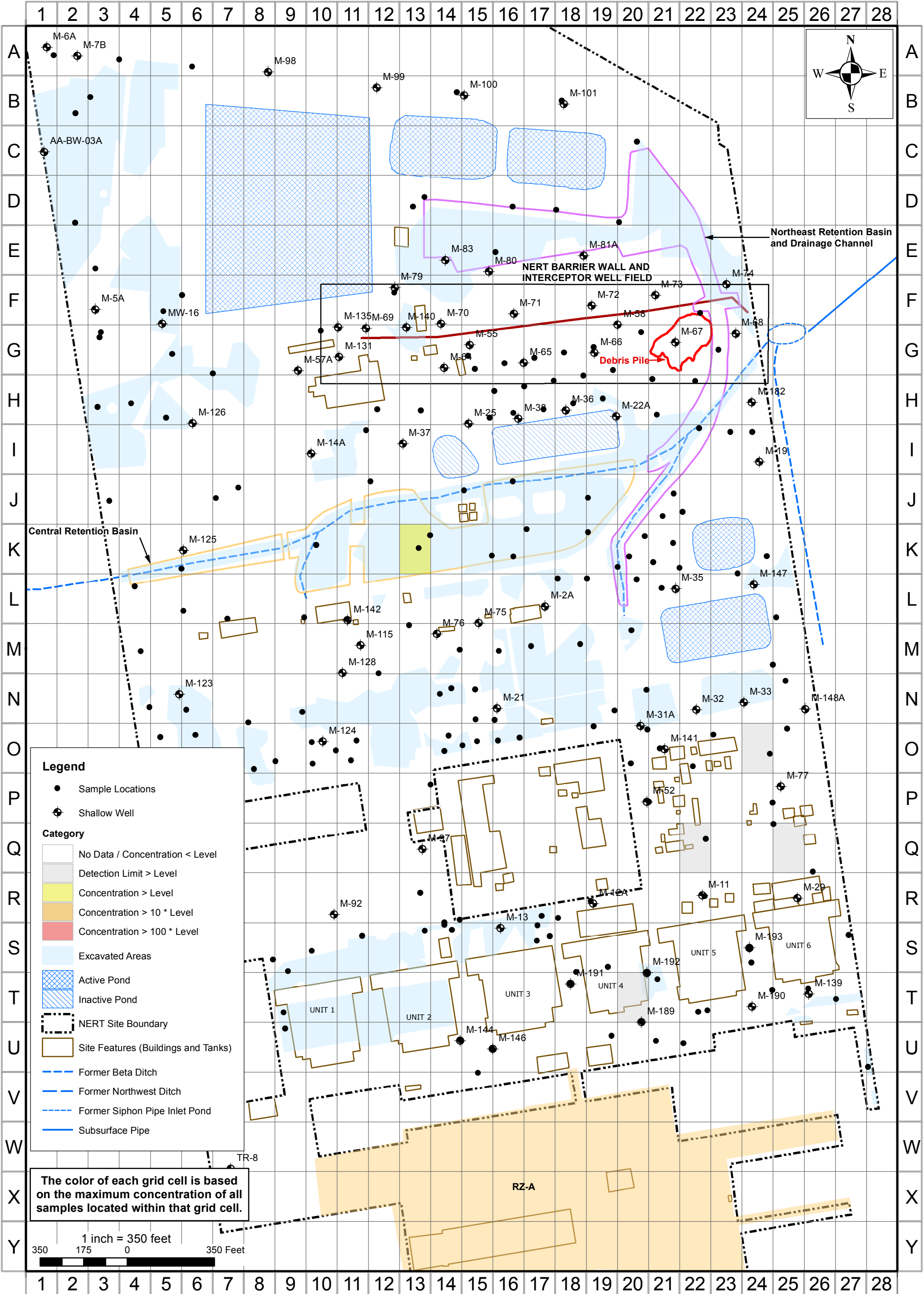




**SILVER SOIL CONCENTRATIONS >0.850 mg/kg, 0-10 FEET BGS**  
**RI Evaluation**

Nevada Environmental Response Trust Site  
Henderson, Nevada

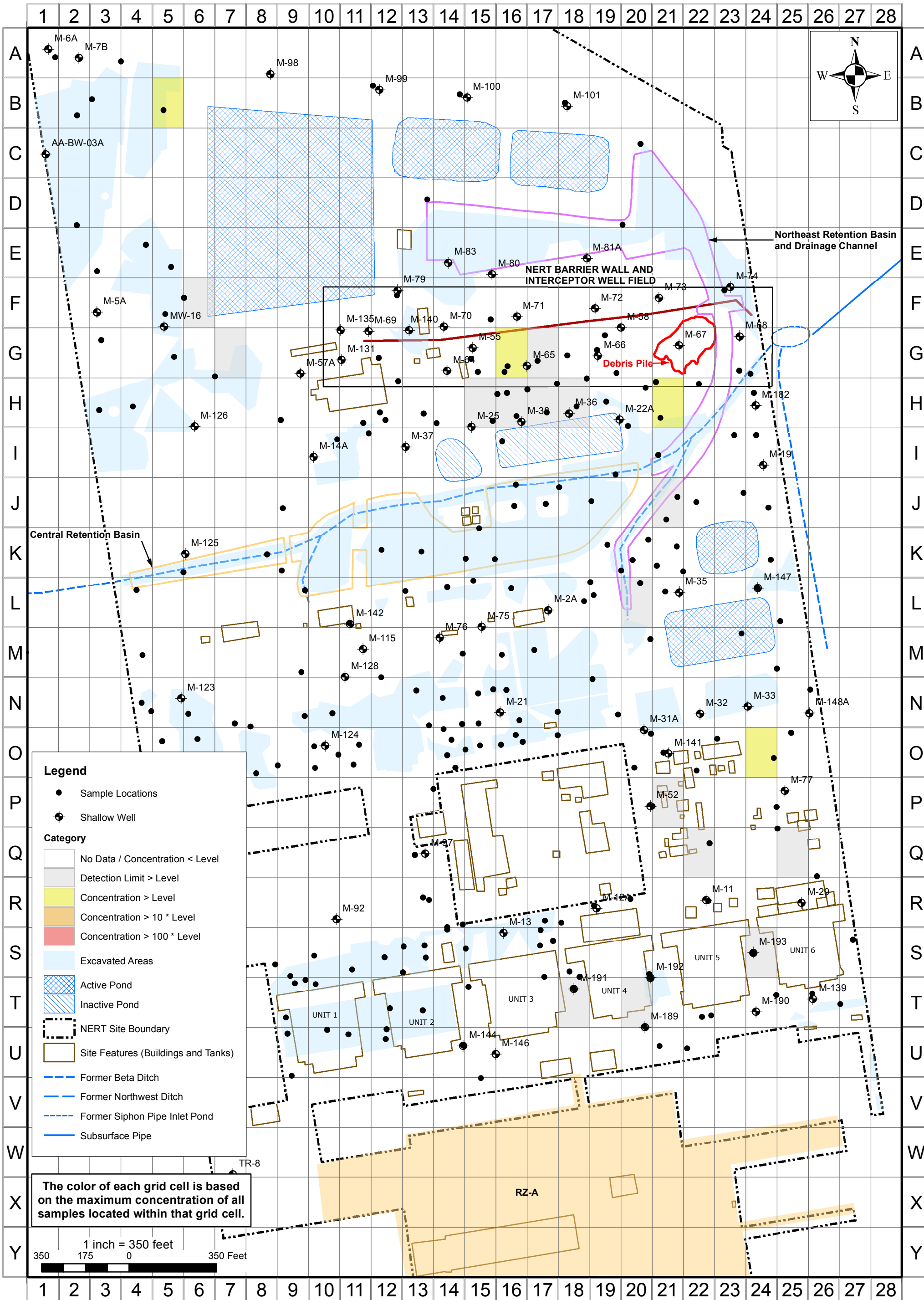
FIGURE  
**C-81**



**SILVER SOIL CONCENTRATIONS >0.850 mg/kg, 10-20 FEET BGS**  
**RI Evaluation**

Nevada Environmental Response Trust Site  
Henderson, Nevada

FIGURE  
**C-82**



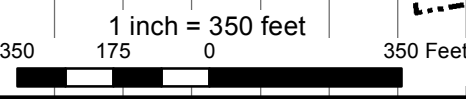
**Legend**

- Sample Locations
- ⊕ Shallow Well

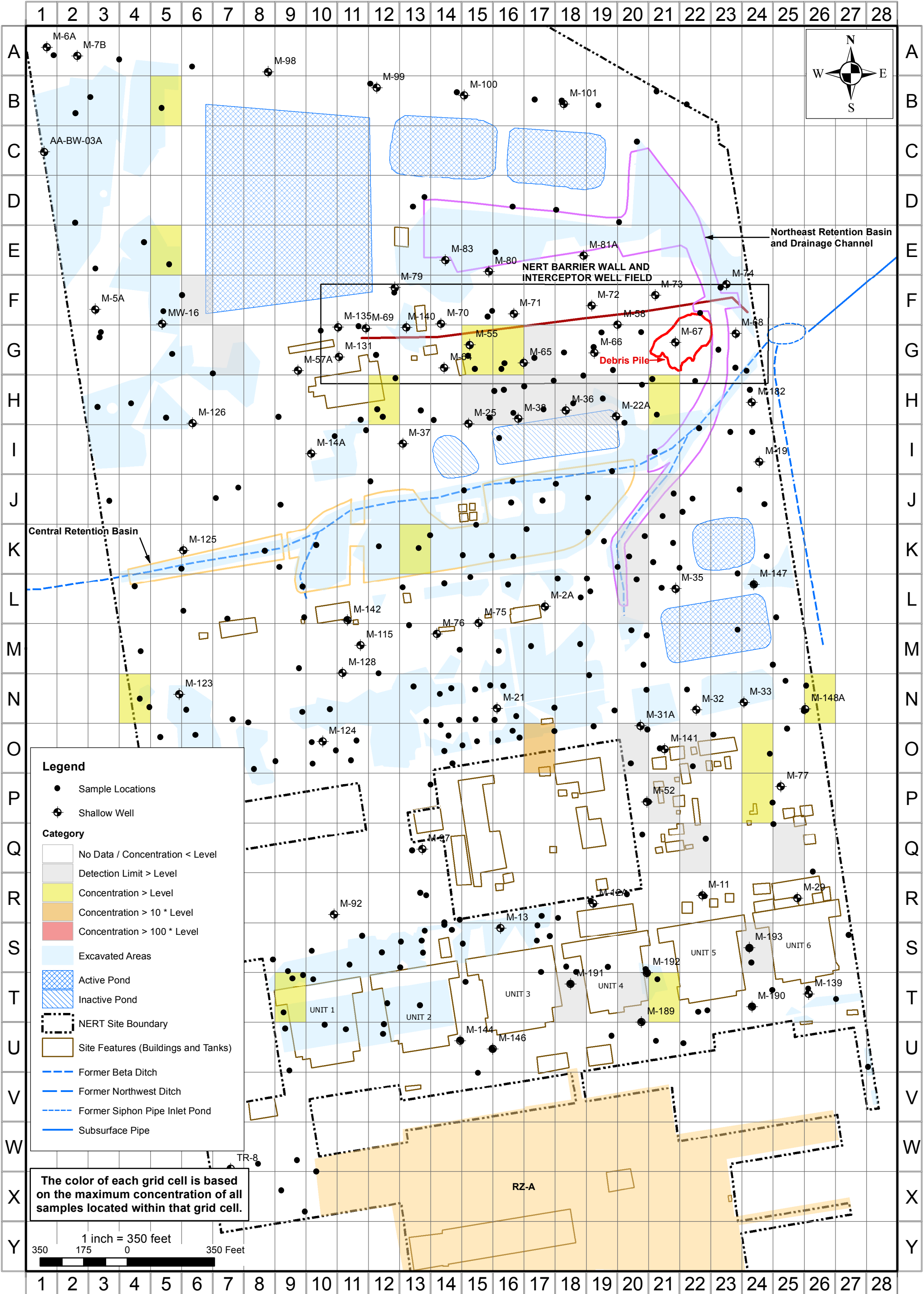
**Category**

- No Data / Concentration < Level
- Detection Limit > Level
- Concentration > Level
- Concentration > 10 \* Level
- Concentration > 100 \* Level
- Excavated Areas
- ▨ Active Pond
- ▨ Inactive Pond
- ⊔ NERT Site Boundary
- Site Features (Buildings and Tanks)
- Former Beta Ditch
- Former Northwest Ditch
- Former Siphon Pipe Inlet Pond
- Subsurface Pipe

The color of each grid cell is based on the maximum concentration of all samples located within that grid cell.







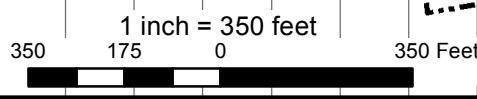
**Legend**

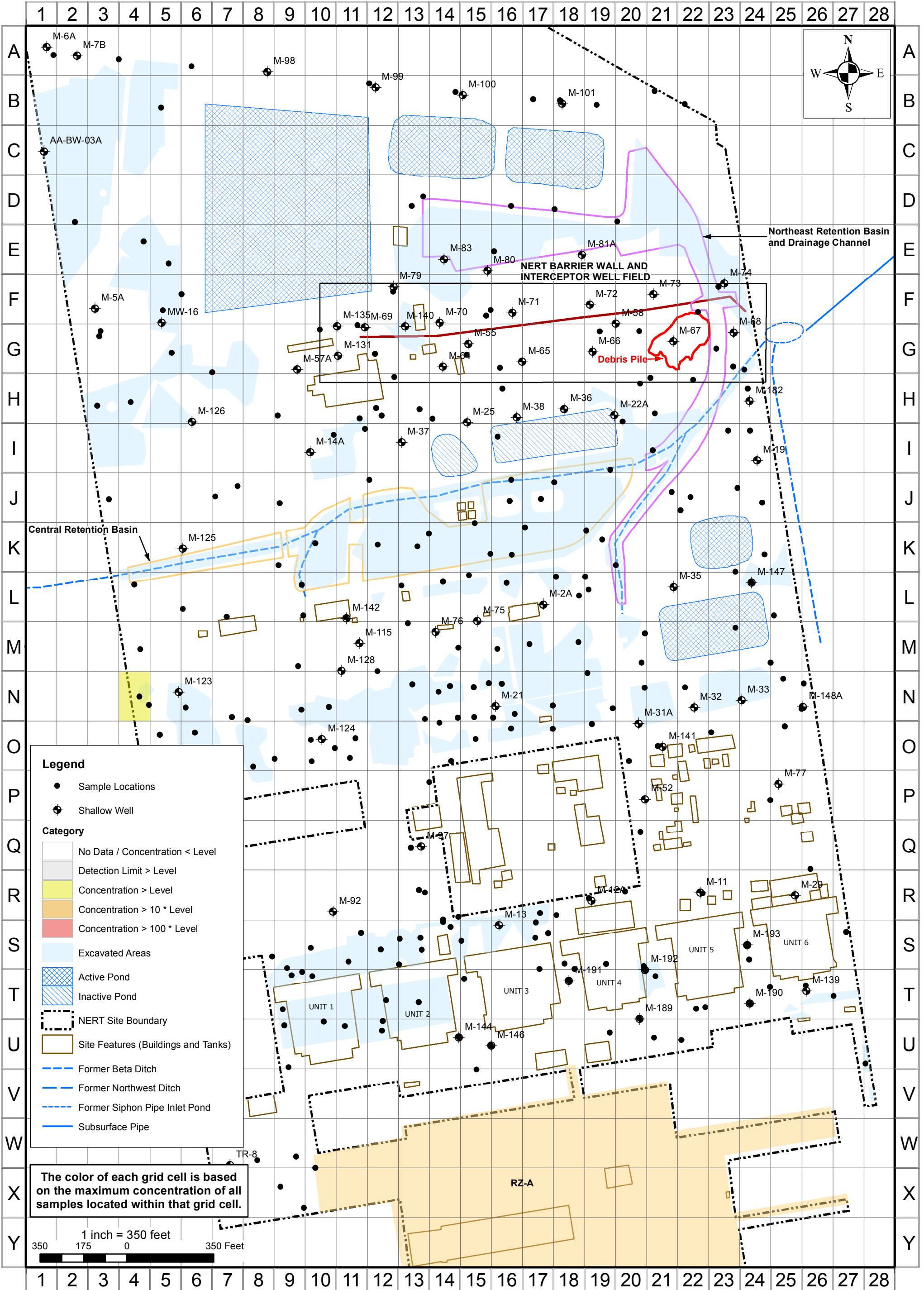
- Sample Locations
- ⊕ Shallow Well

**Category**

- No Data / Concentration < Level
- Detection Limit > Level
- Concentration > Level
- Concentration > 10 \* Level
- Concentration > 100 \* Level
- Excavated Areas
- ▨ Active Pond
- ▨ Inactive Pond
- ⋯ NERT Site Boundary
- Site Features (Buildings and Tanks)
- Former Beta Ditch
- Former Northwest Ditch
- Former Siphon Pipe Inlet Pond
- Subsurface Pipe

The color of each grid cell is based on the maximum concentration of all samples located within that grid cell.

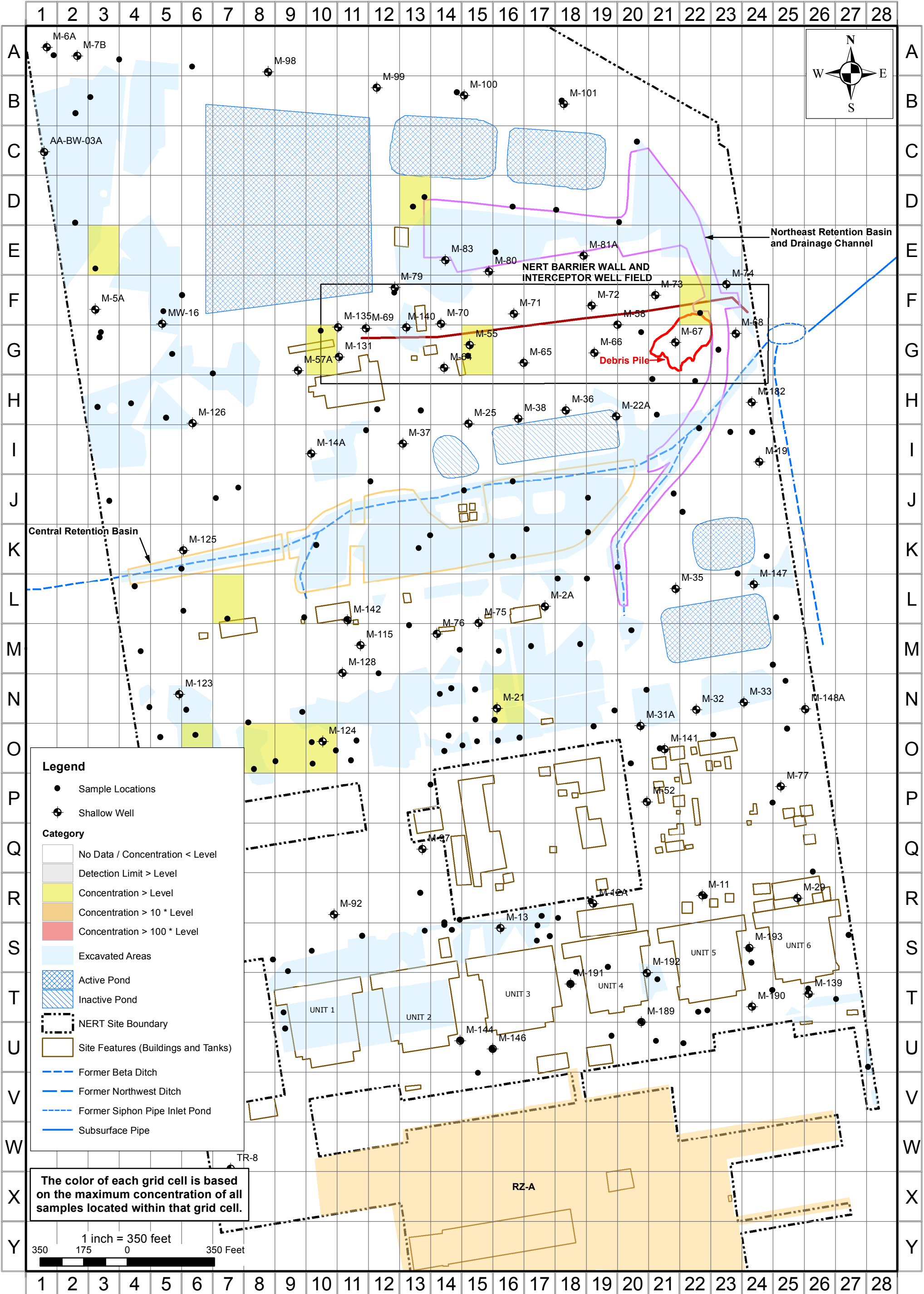




**STRONTIUM SOIL CONCENTRATIONS >810 mg/kg, 0-10 FEET BGS  
RI Evaluation**

Nevada Environmental Response Trust Site  
Henderson, Nevada

FIGURE  
**C-85**

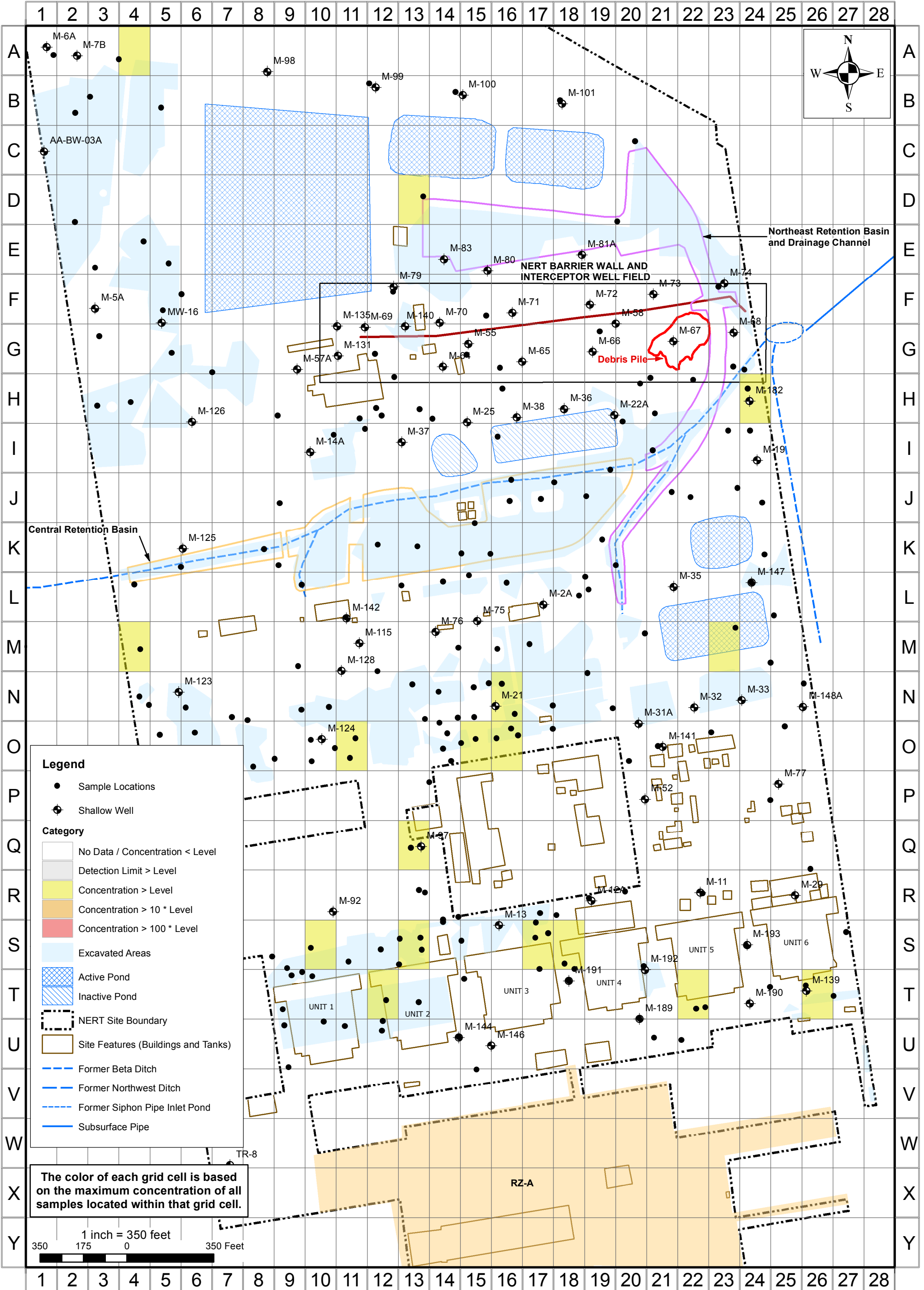


**STRONTIUM SOIL CONCENTRATIONS >810 mg/kg, 10-20 FEET BGS  
RI Evaluation**

Nevada Environmental Response Trust Site  
Henderson, Nevada

FIGURE  
**C-86**

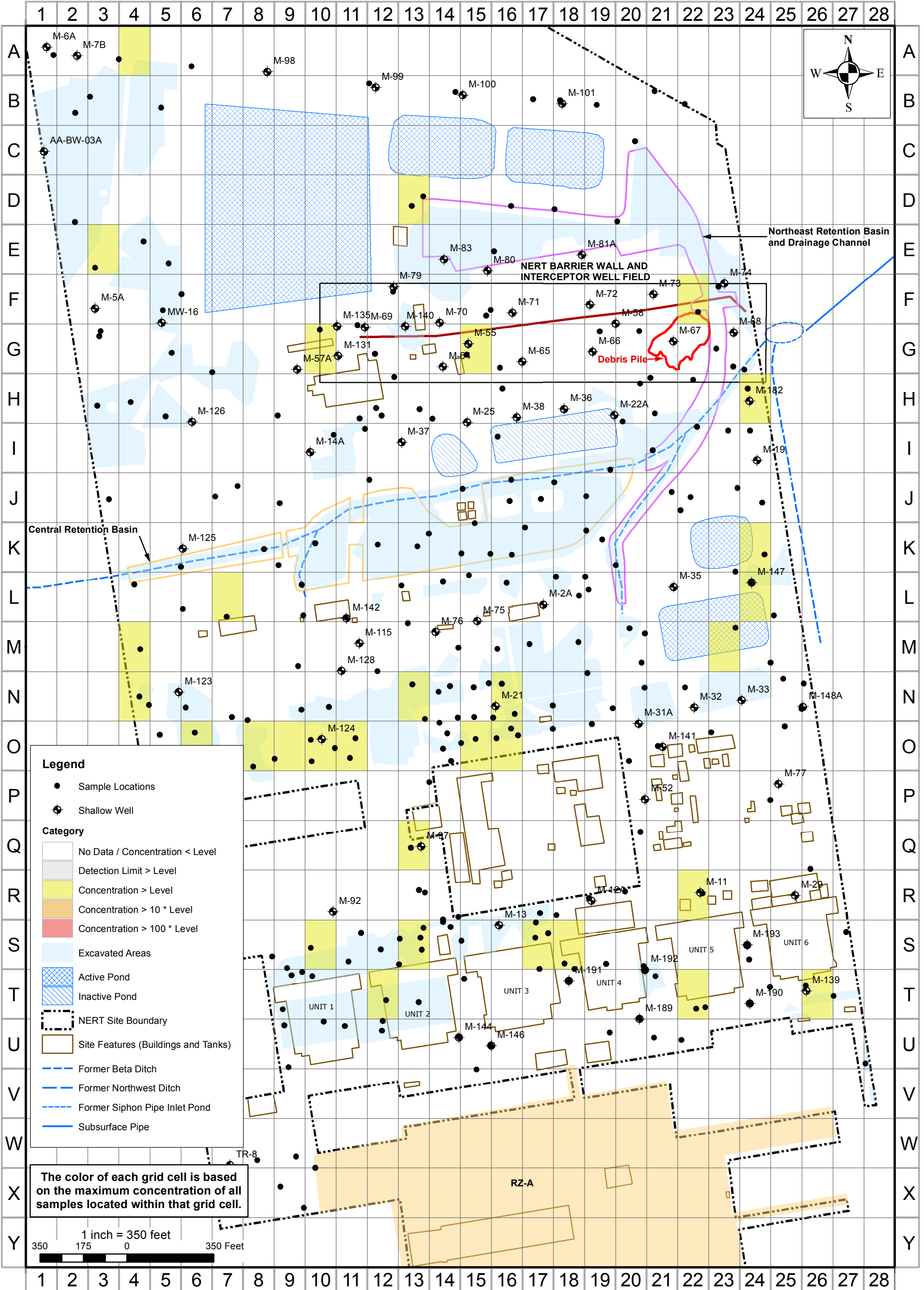




**STRONTIUM SOIL CONCENTRATIONS >810 mg/kg, 20-30 FEET BGS**  
**RI Evaluation**

Nevada Environmental Response Trust Site  
Henderson, Nevada

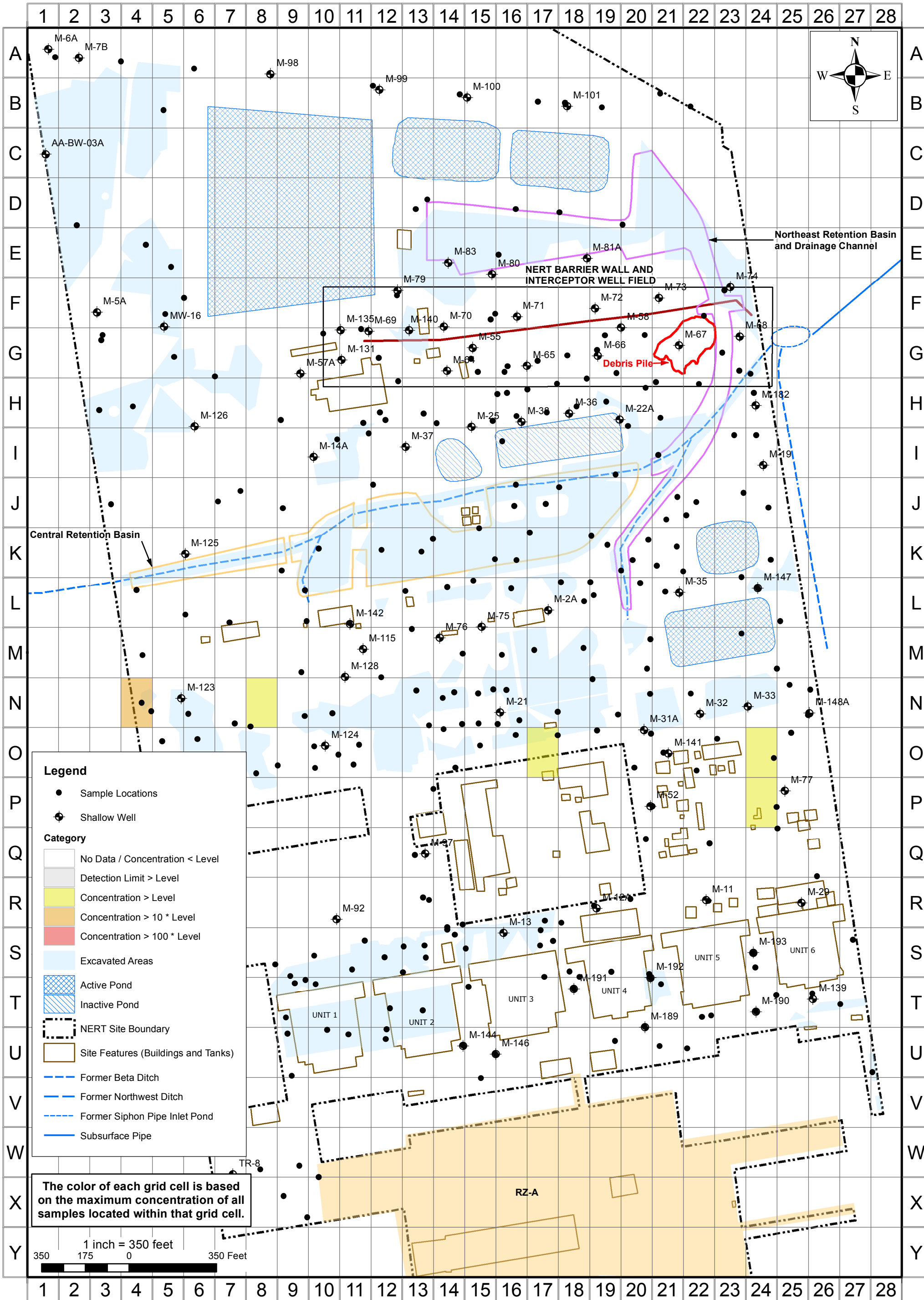
FIGURE  
**C-87**



**STRONTIUM SOIL CONCENTRATIONS >810 mg/kg, ALL DEPTHS**  
**RI Evaluation**  
 Nevada Environmental Response Trust Site  
 Henderson, Nevada

FIGURE **C-88**

DRAFTED BY: EG/KL/JH      DATE: 4/4/2016      21-38800C

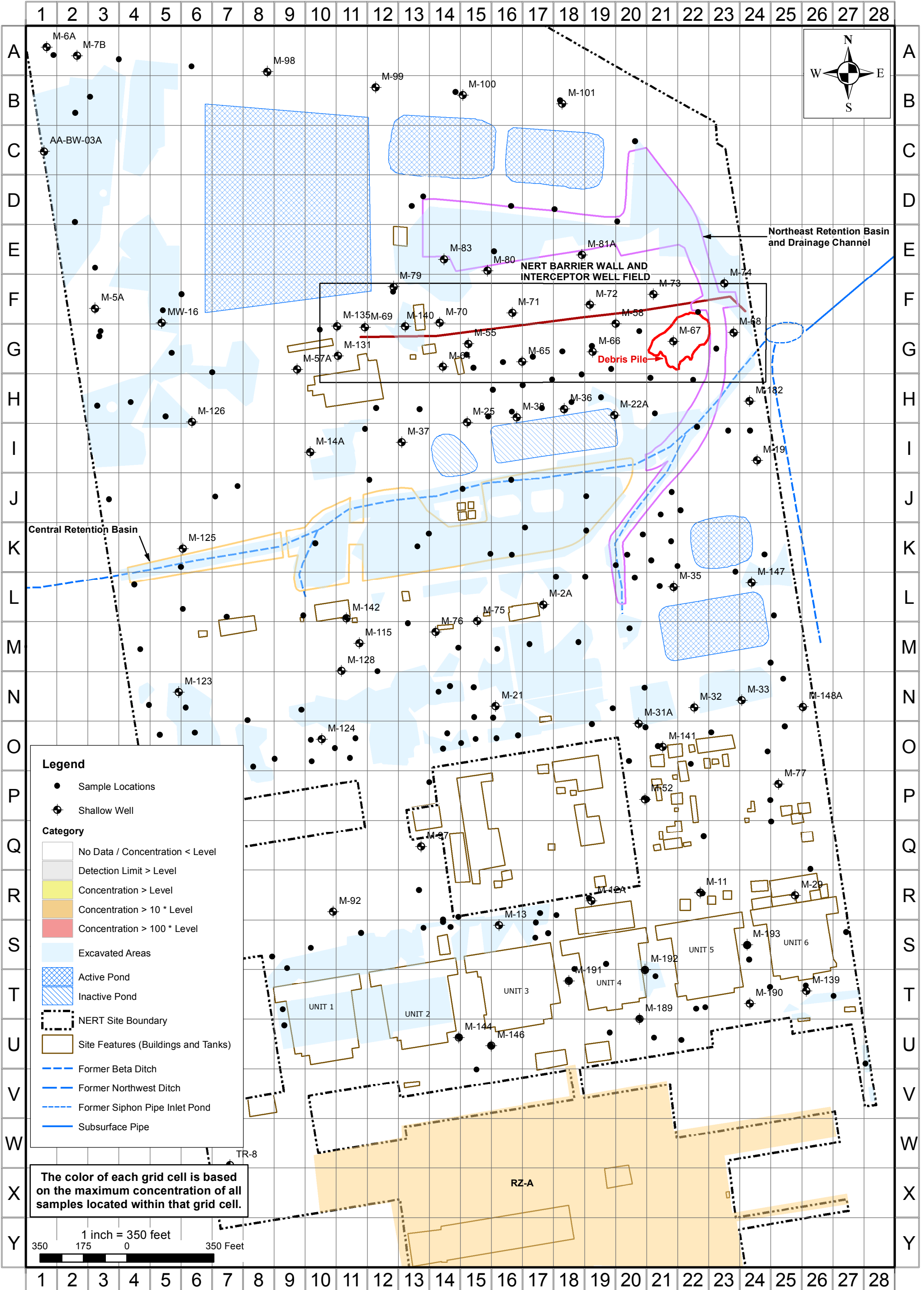


**THALLIUM SOIL CONCENTRATIONS >1.8 mg/kg, 0-10 FEET BGS**  
**RI Evaluation**

Nevada Environmental Response Trust Site  
Henderson, Nevada

FIGURE  
**C-89**

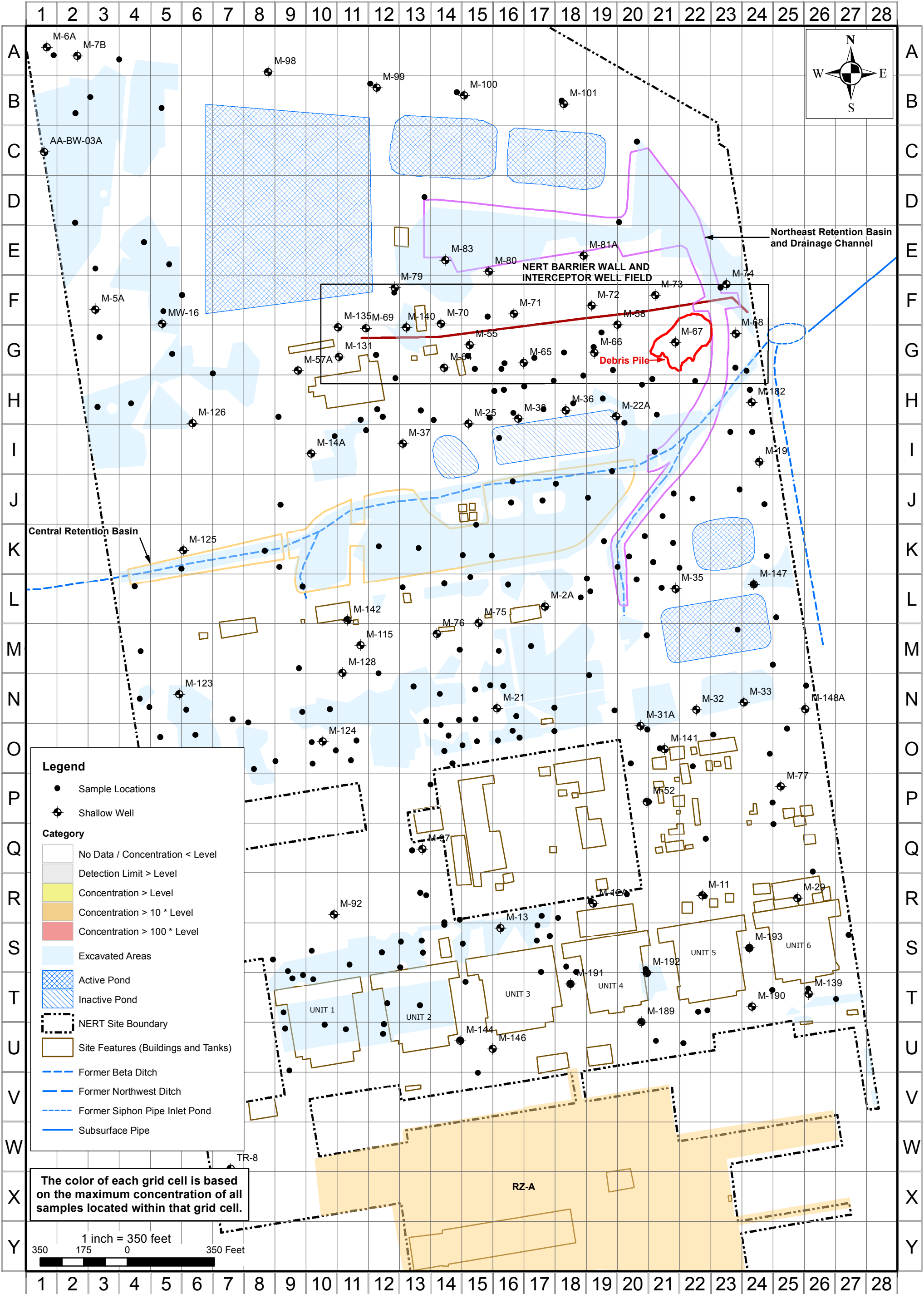




**THALLIUM SOIL CONCENTRATIONS > 1.8 mg/kg, 10-20 FEET BGS**  
**RI Evaluation**

Nevada Environmental Response Trust Site  
Henderson, Nevada

FIGURE  
**C-90**



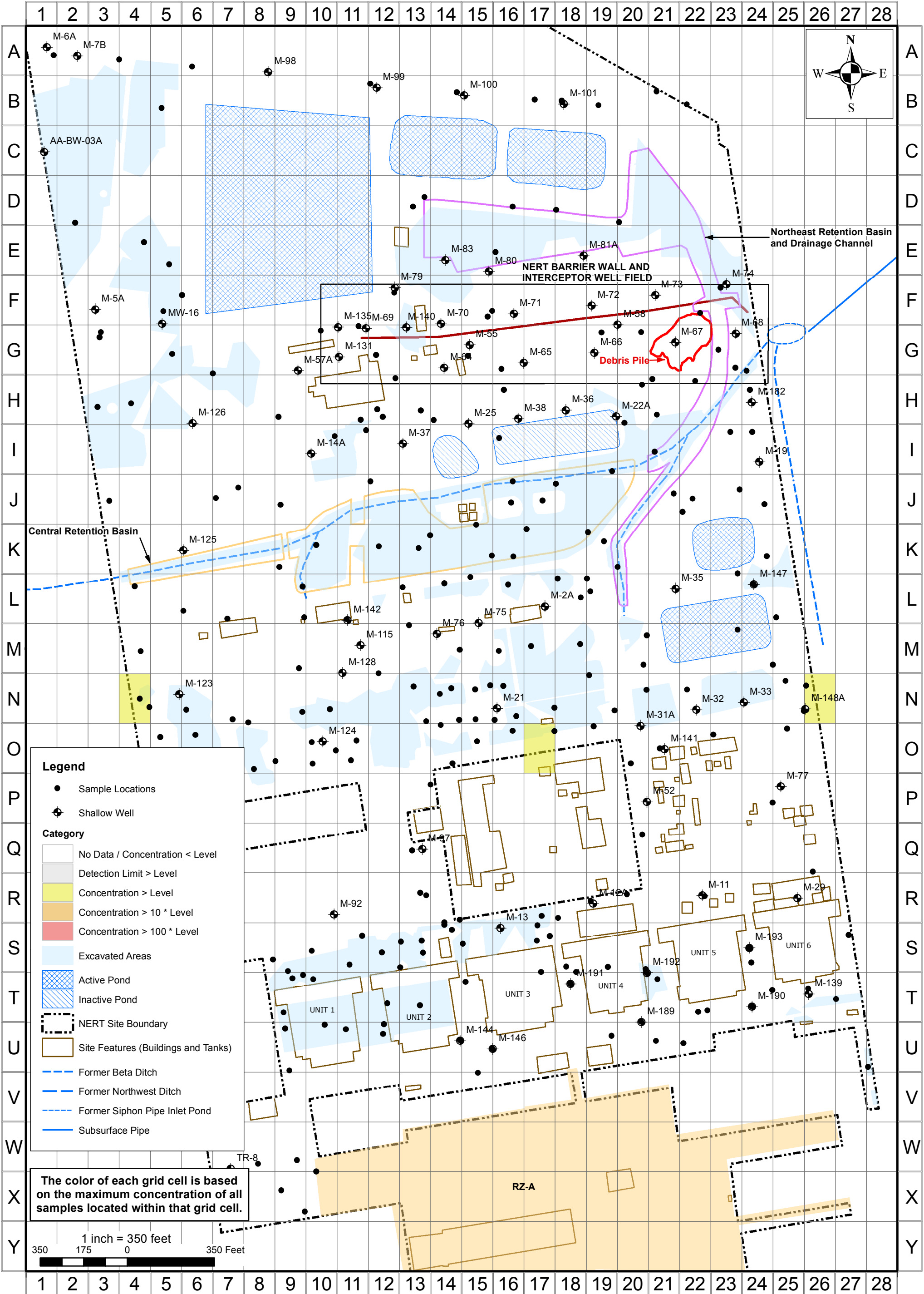
**THALLIUM SOIL CONCENTRATIONS > 1.8 mg/kg, 20-30 FEET BGS**  
**RI Evaluation**

Nevada Environmental Response Trust Site  
Henderson, Nevada

FIGURE  
**C-91**



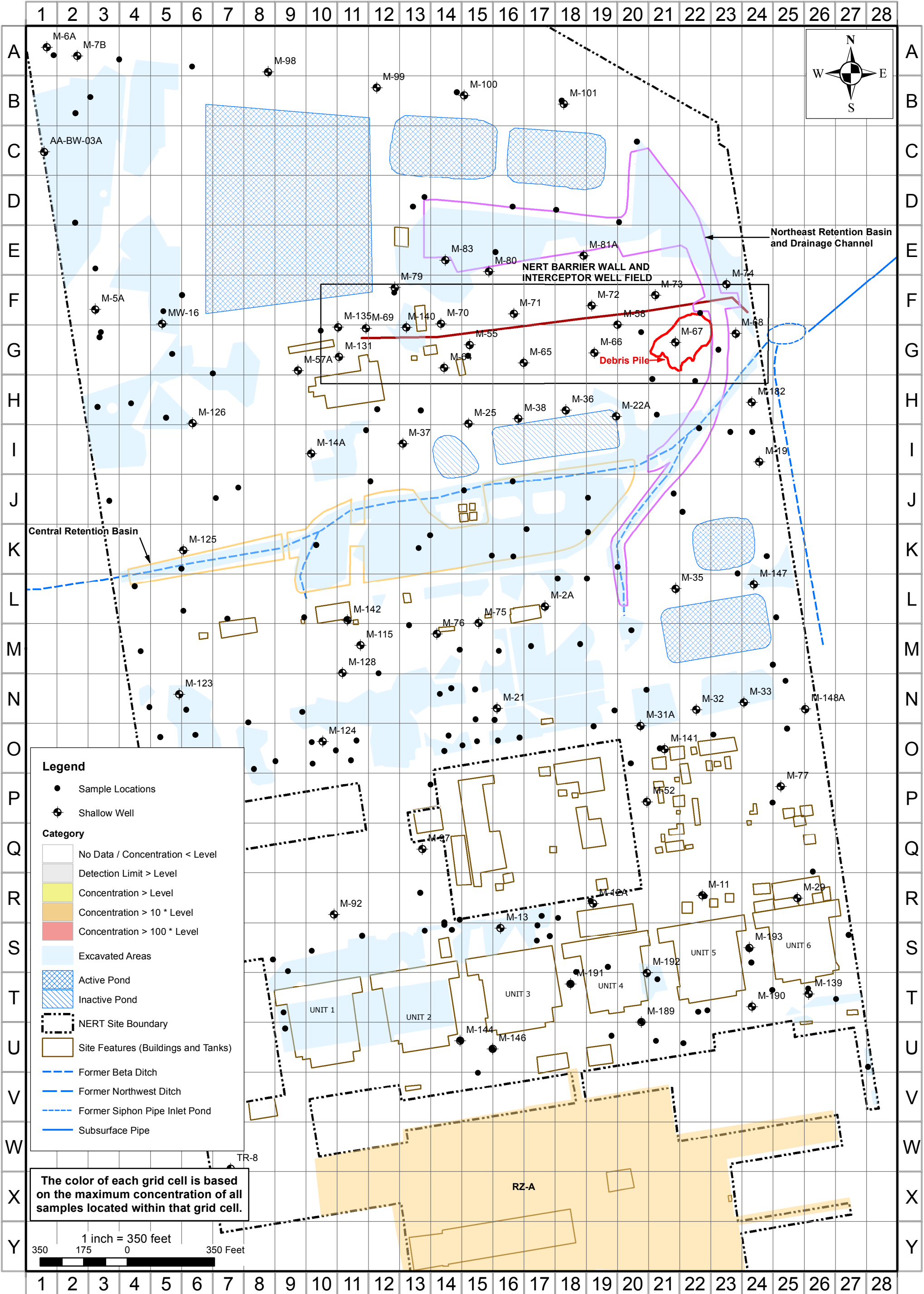


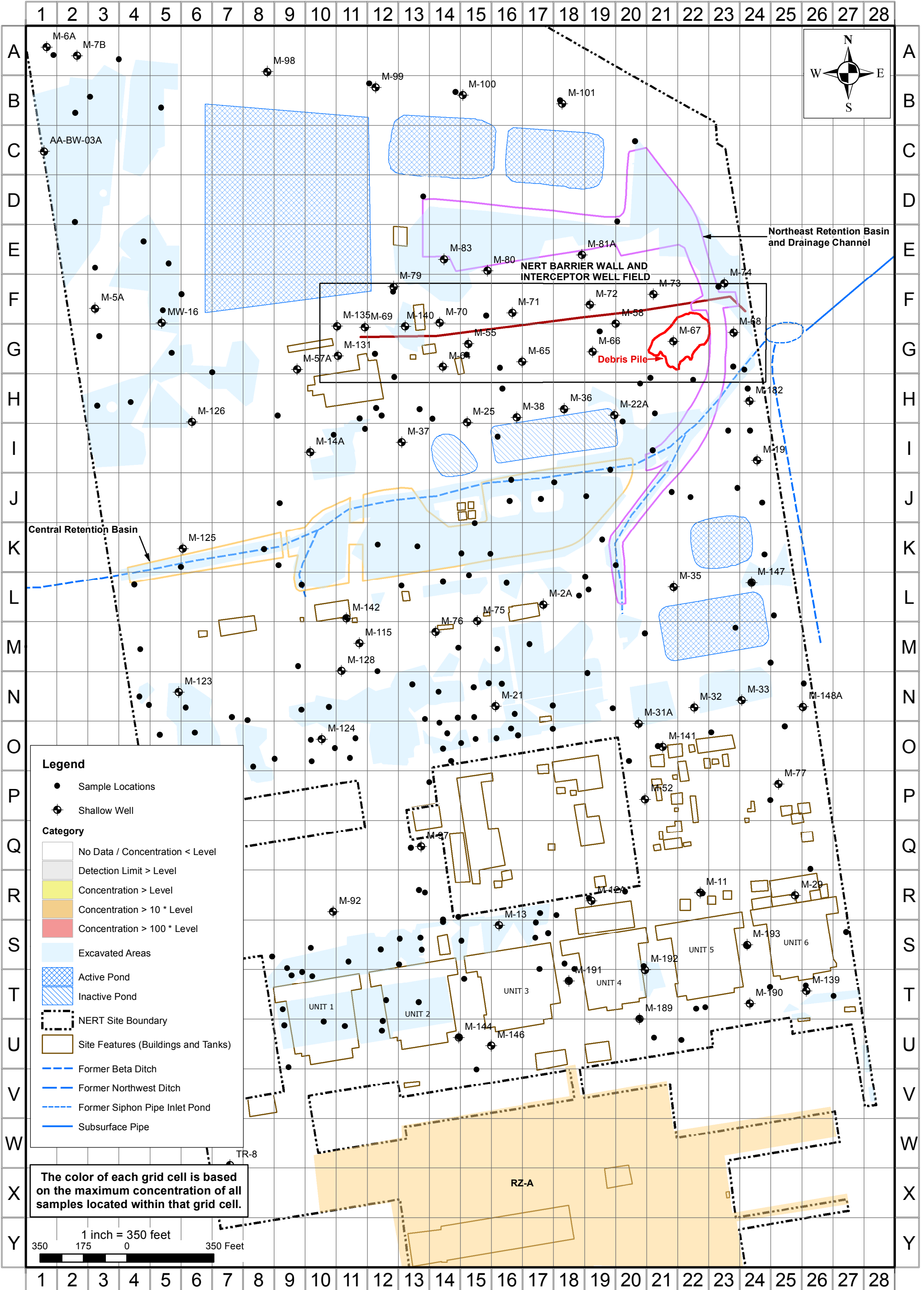


**TUNGSTEN SOIL CONCENTRATIONS >37.6 mg/kg, 0-10 FEET BGS  
RI Evaluation**

Nevada Environmental Response Trust Site  
Henderson, Nevada

FIGURE  
**C-93**



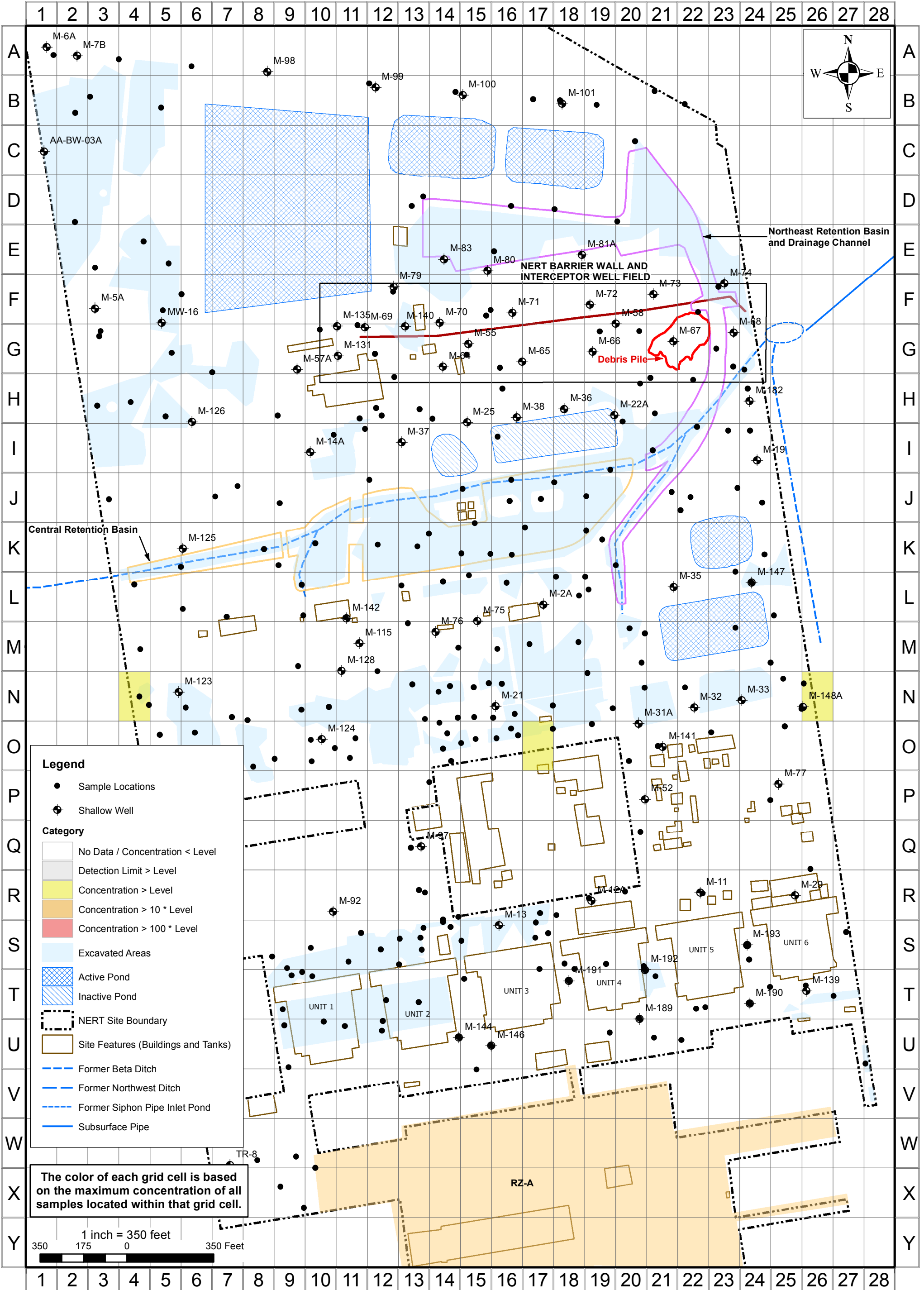


**TUNGSTEN SOIL CONCENTRATIONS >37.6 mg/kg, 20-30 FEET BGS  
RI Evaluation**

Nevada Environmental Response Trust Site  
Henderson, Nevada

FIGURE  
**C-95**

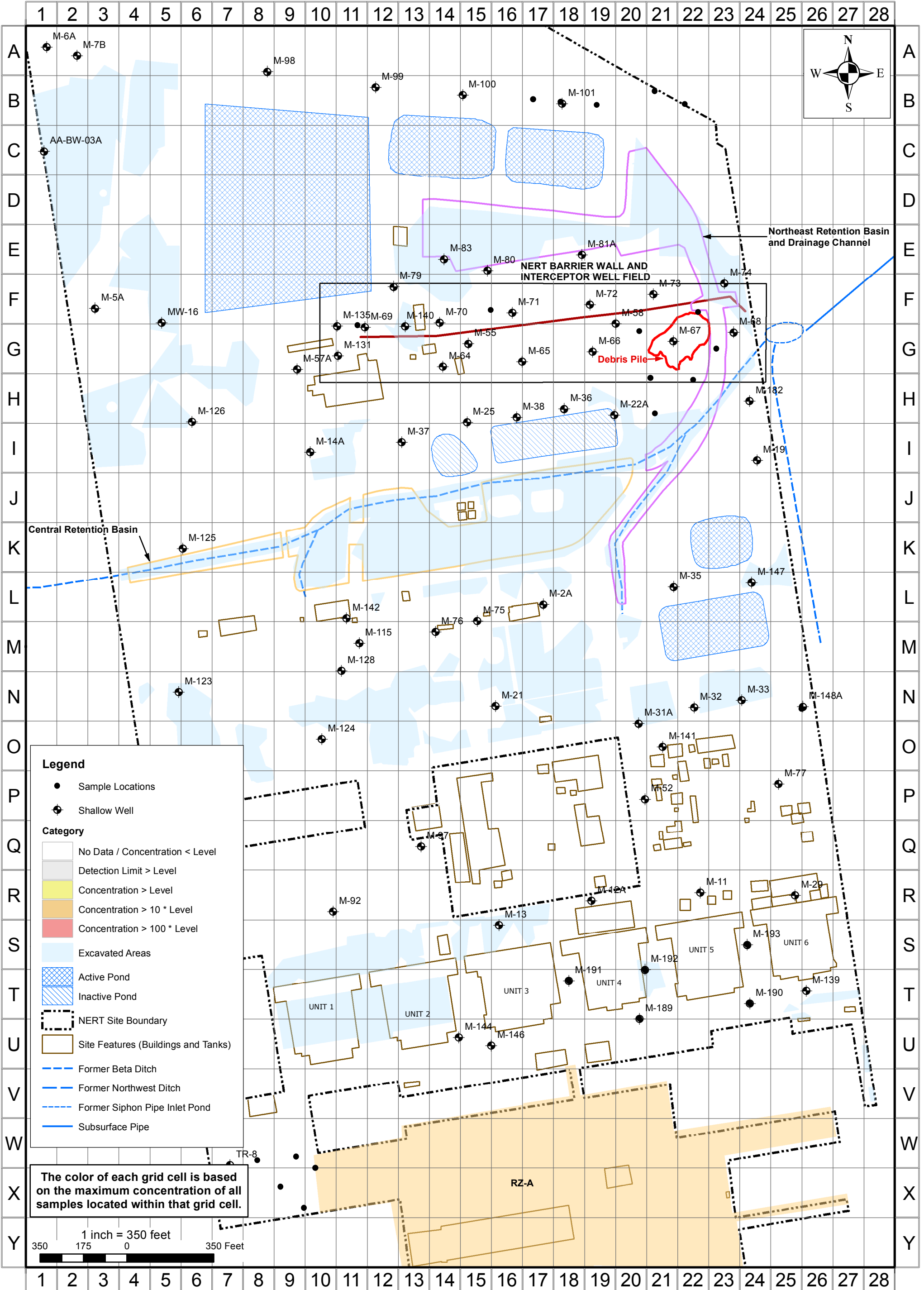


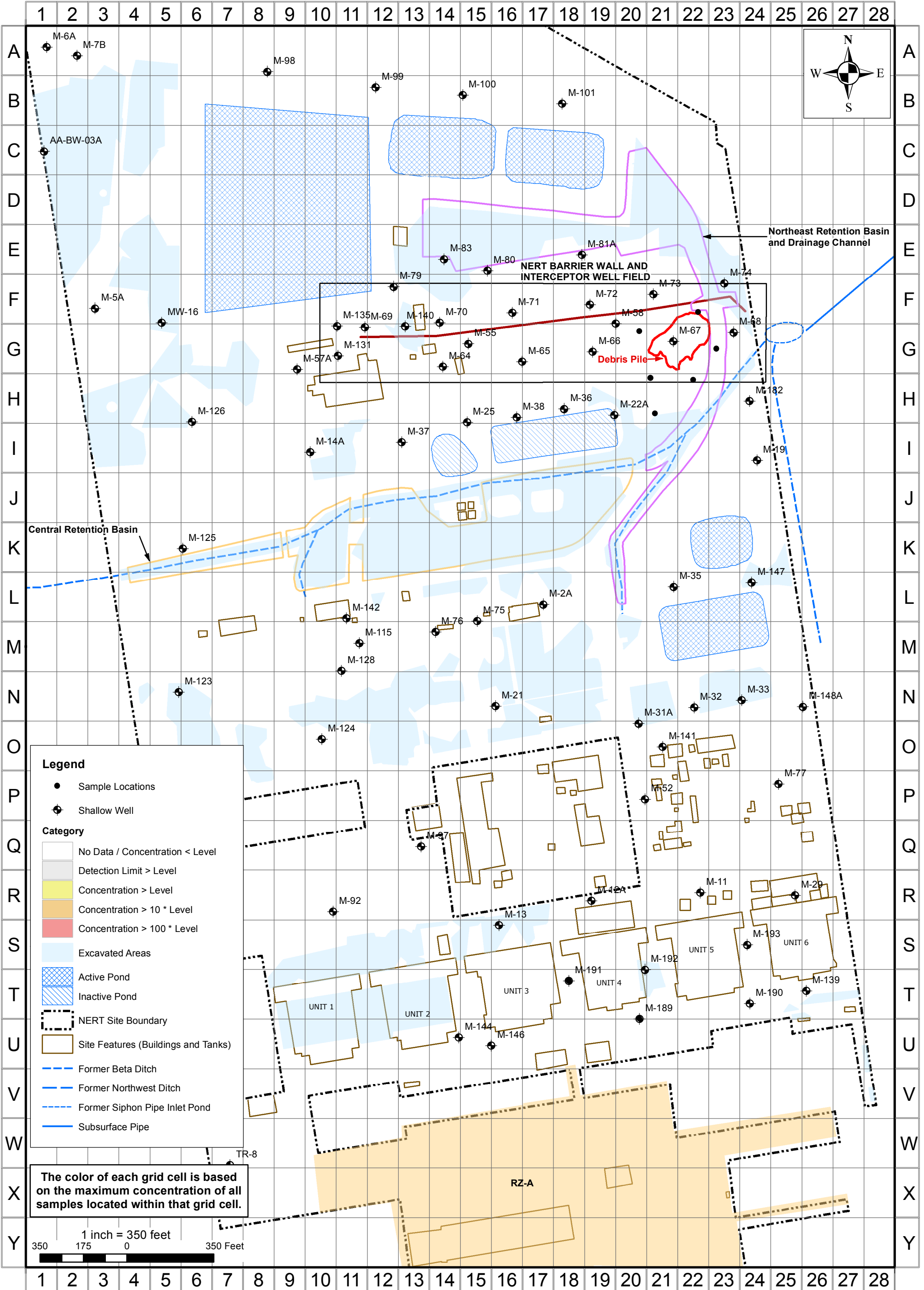


**TUNGSTEN SOIL CONCENTRATIONS >37.6 mg/kg, ALL DEPTHS**  
**RI Evaluation**

Nevada Environmental Response Trust Site  
Henderson, Nevada

FIGURE  
**C-96**



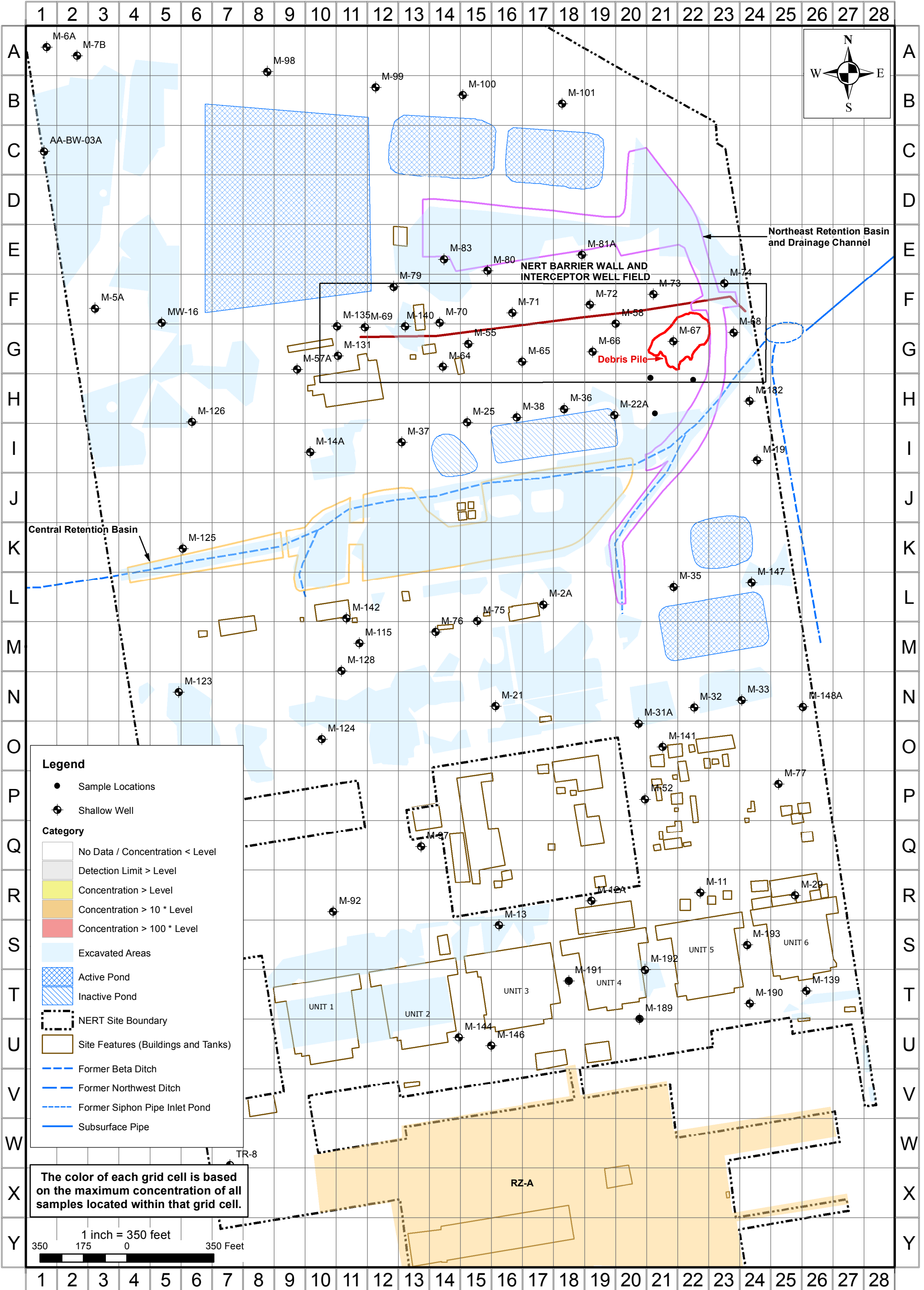


**ZIRCONIUM SOIL CONCENTRATIONS >180 mg/kg, 10-20 FEET BGS**  
**RI Evaluation**

Nevada Environmental Response Trust Site  
Henderson, Nevada

FIGURE  
**C-98**

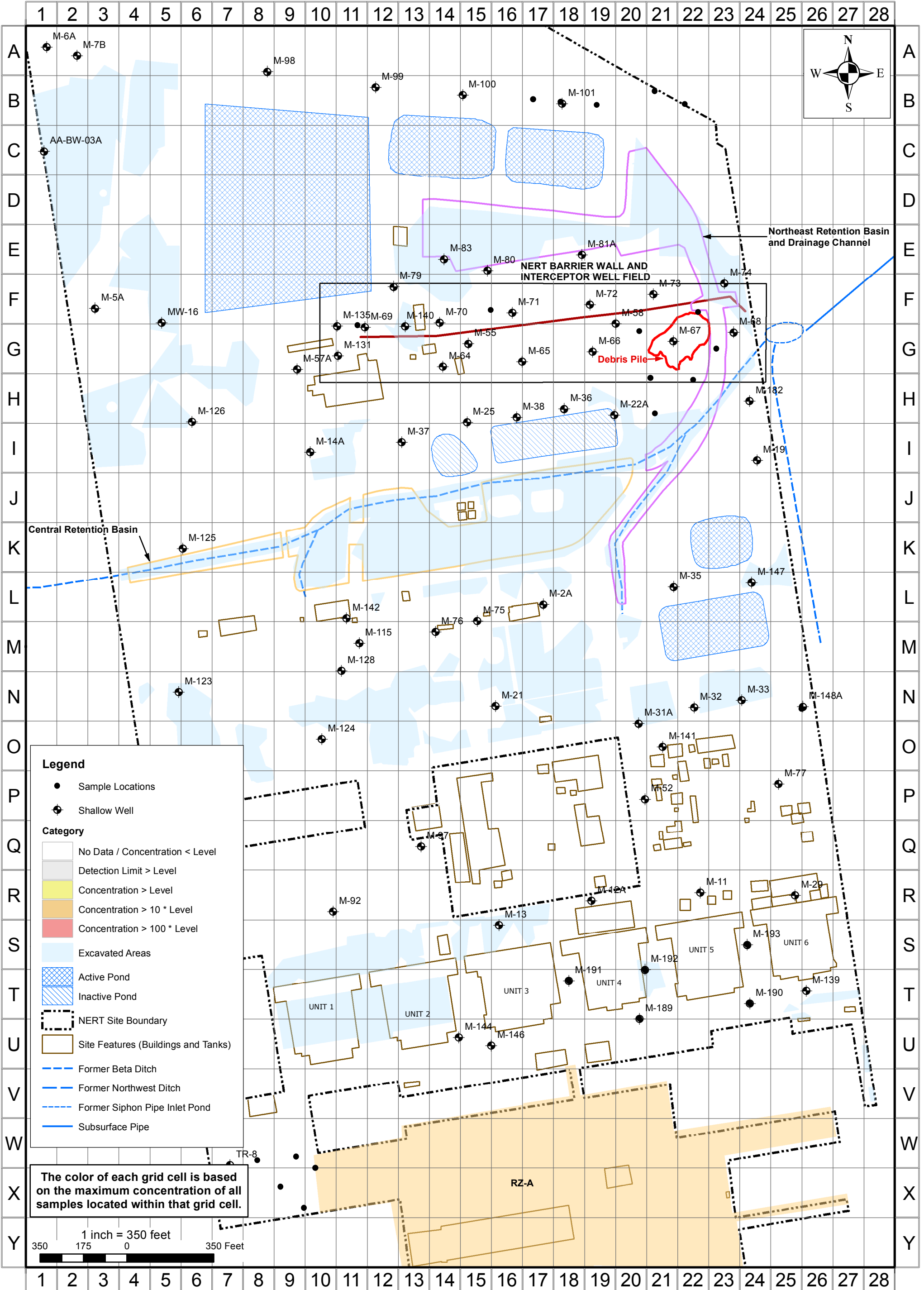


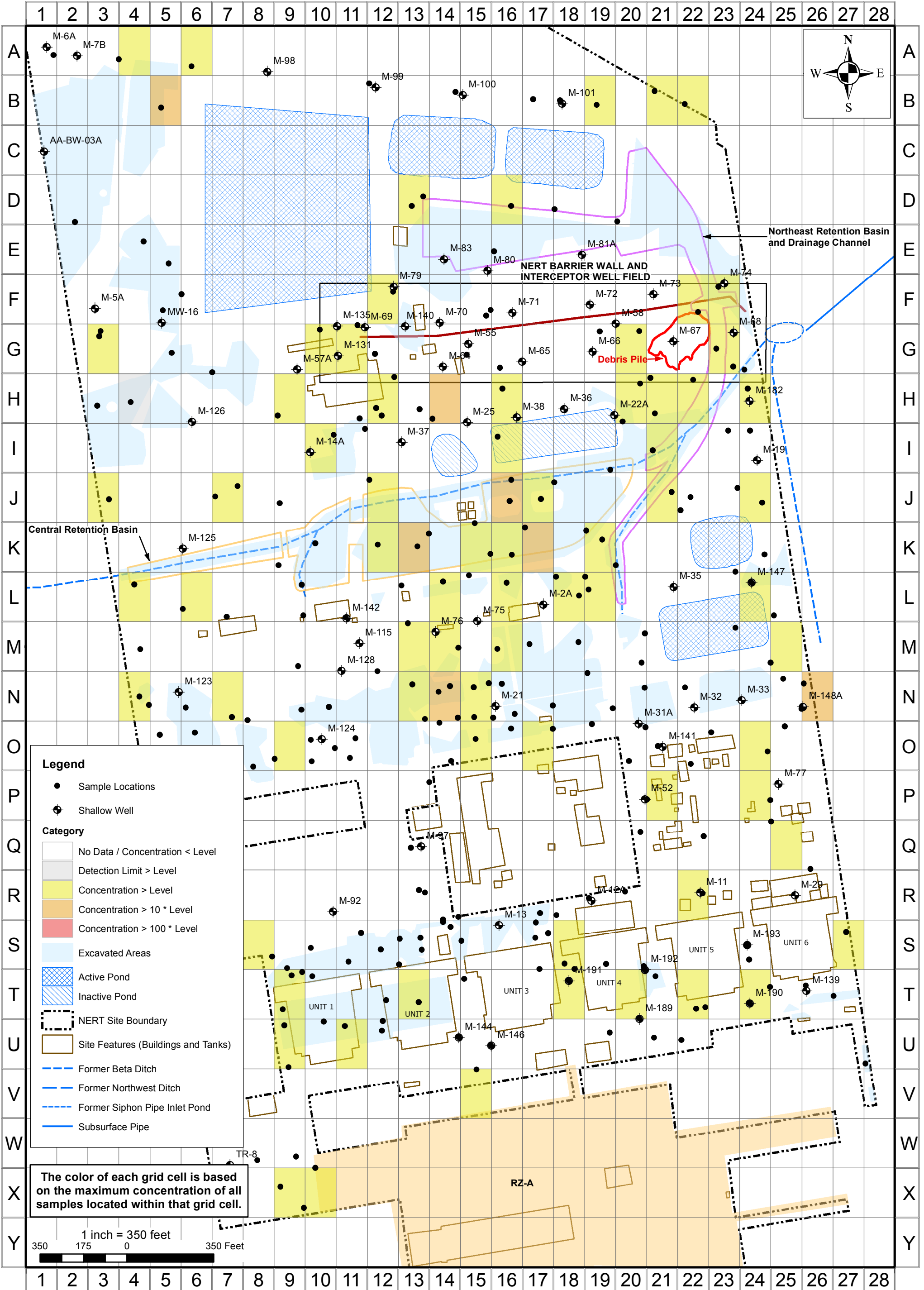


**ZIRCONIUM SOIL CONCENTRATIONS >180 mg/kg, 20-30 FEET BGS  
RI Evaluation**

Nevada Environmental Response Trust Site  
Henderson, Nevada

FIGURE  
**C-99**





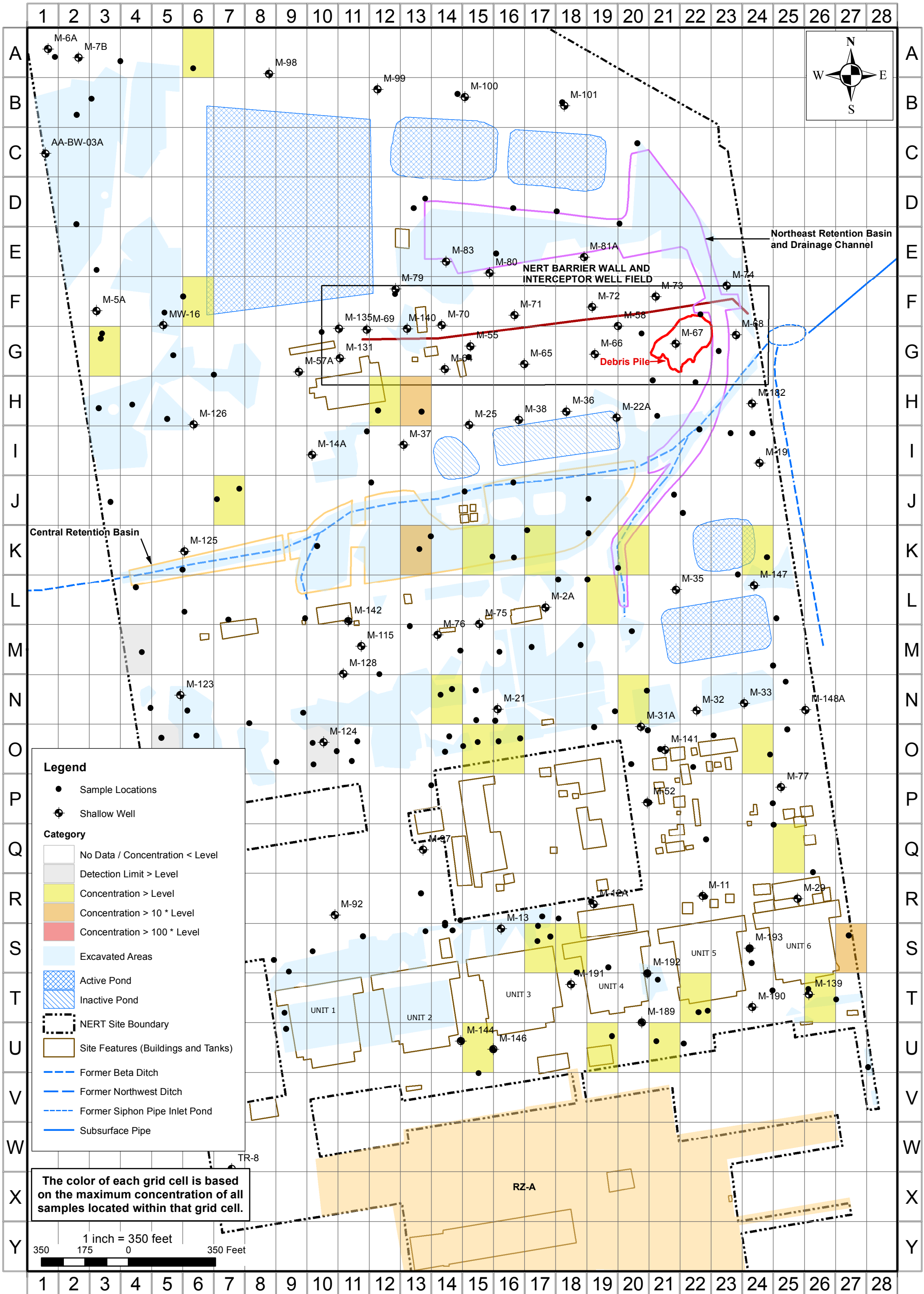
**NITRATE/NITRITE SOIL CONCENTRATIONS >7.00 mg/kg, 0-10 FEET BGS**  
**RI Evaluation**

Nevada Environmental Response Trust Site  
Henderson, Nevada

FIGURE  
**C-101**







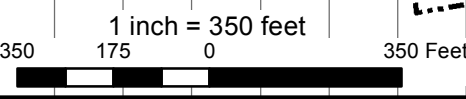
**Legend**

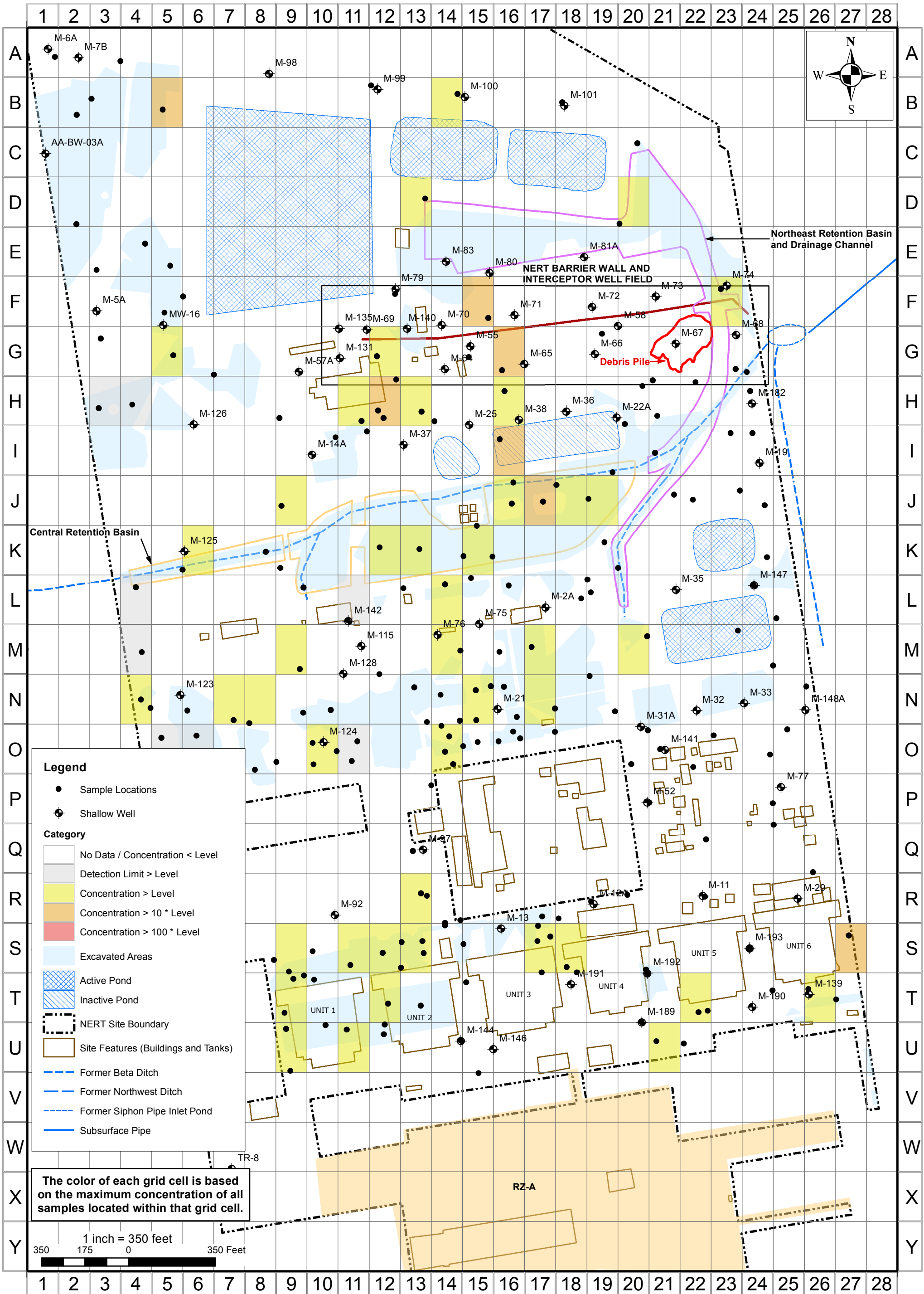
- Sample Locations
- ⊕ Shallow Well

**Category**

- No Data / Concentration < Level
- Detection Limit > Level
- Concentration > Level
- Concentration > 10 \* Level
- Concentration > 100 \* Level
- Excavated Areas
- ▨ Active Pond
- ▨ Inactive Pond
- ⊔ NERT Site Boundary
- Site Features (Buildings and Tanks)
- Former Beta Ditch
- Former Northwest Ditch
- Former Siphon Pipe Inlet Pond
- Subsurface Pipe

The color of each grid cell is based on the maximum concentration of all samples located within that grid cell.

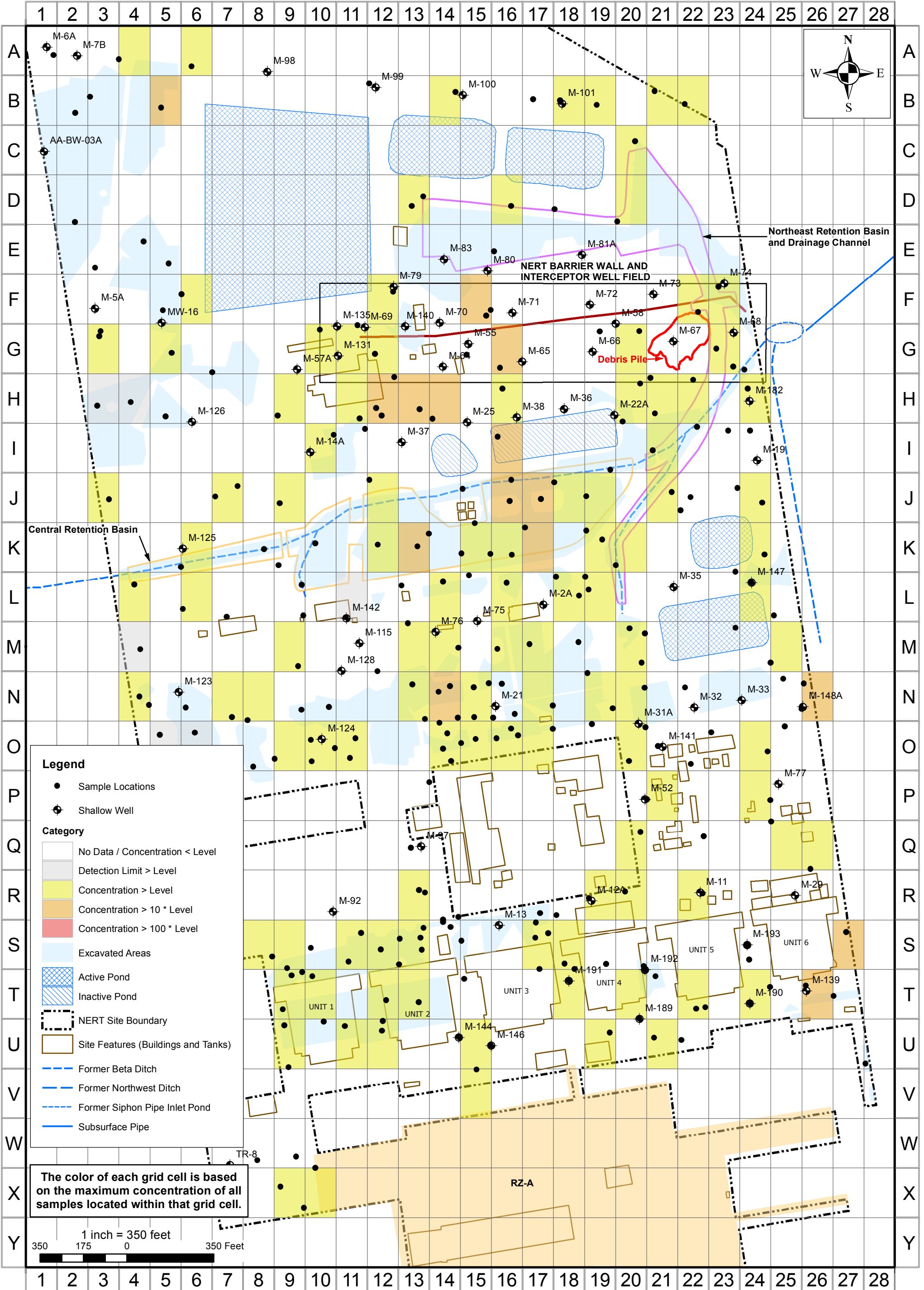




**NITRATE/NITRITE SOIL CONCENTRATIONS >7.00 mg/kg, 20-30 FEET BGS**  
**RI Evaluation**

Nevada Environmental Response Trust Site

FIGURE  
**C-103**



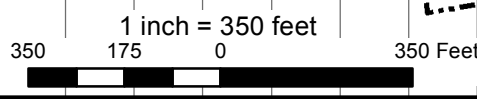
**Legend**

- Sample Locations
- ⊕ Shallow Well

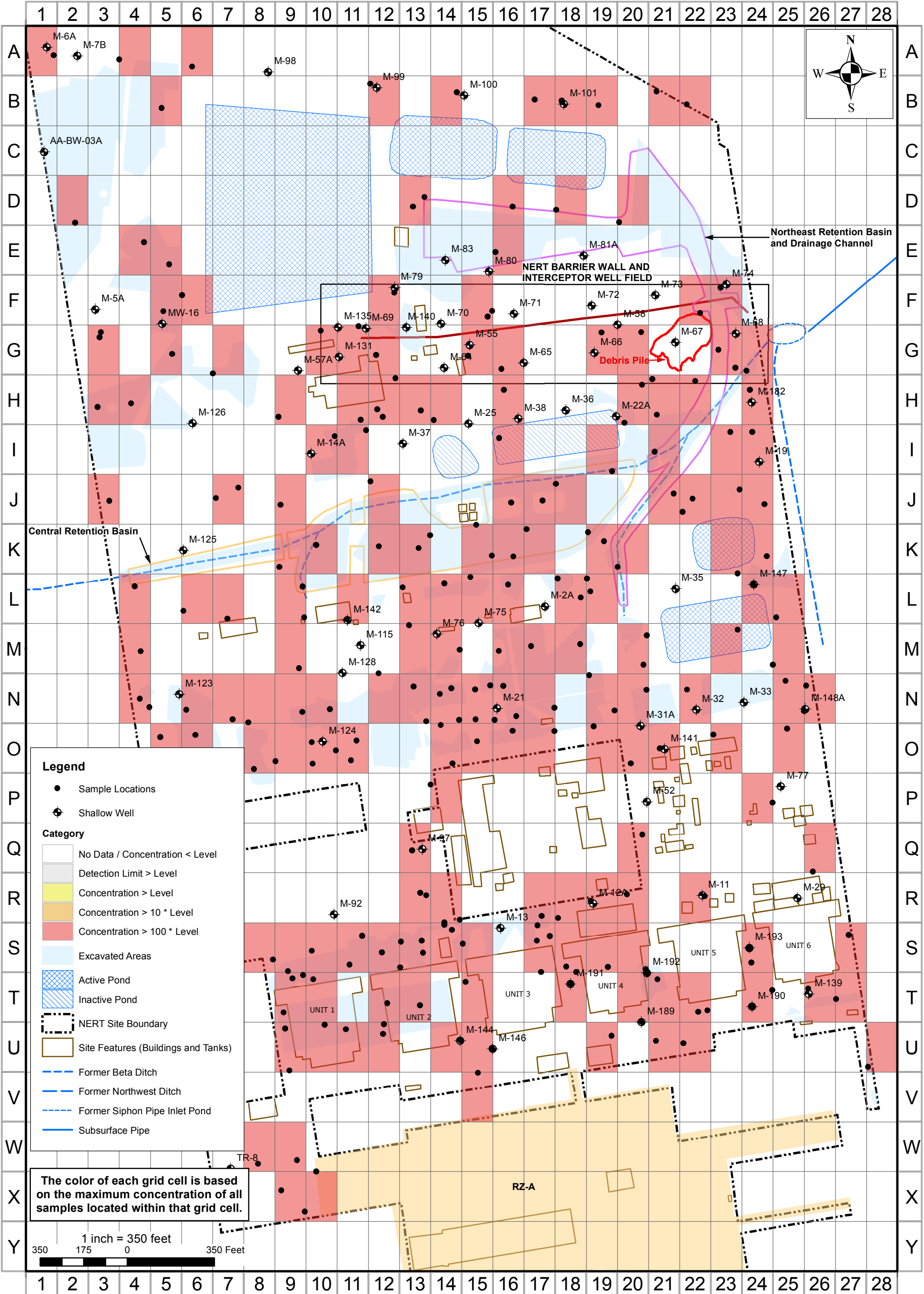
**Category**

- No Data / Concentration < Level
- Detection Limit > Level
- Concentration > Level
- Concentration > 10 \* Level
- Concentration > 100 \* Level
- Excavated Areas
- ▨ Active Pond
- ▨ Inactive Pond
- ⋯ NERT Site Boundary
- Site Features (Buildings and Tanks)
- Former Beta Ditch
- Former Northwest Ditch
- Former Siphon Pipe Inlet Pond
- Subsurface Pipe

The color of each grid cell is based on the maximum concentration of all samples located within that grid cell.



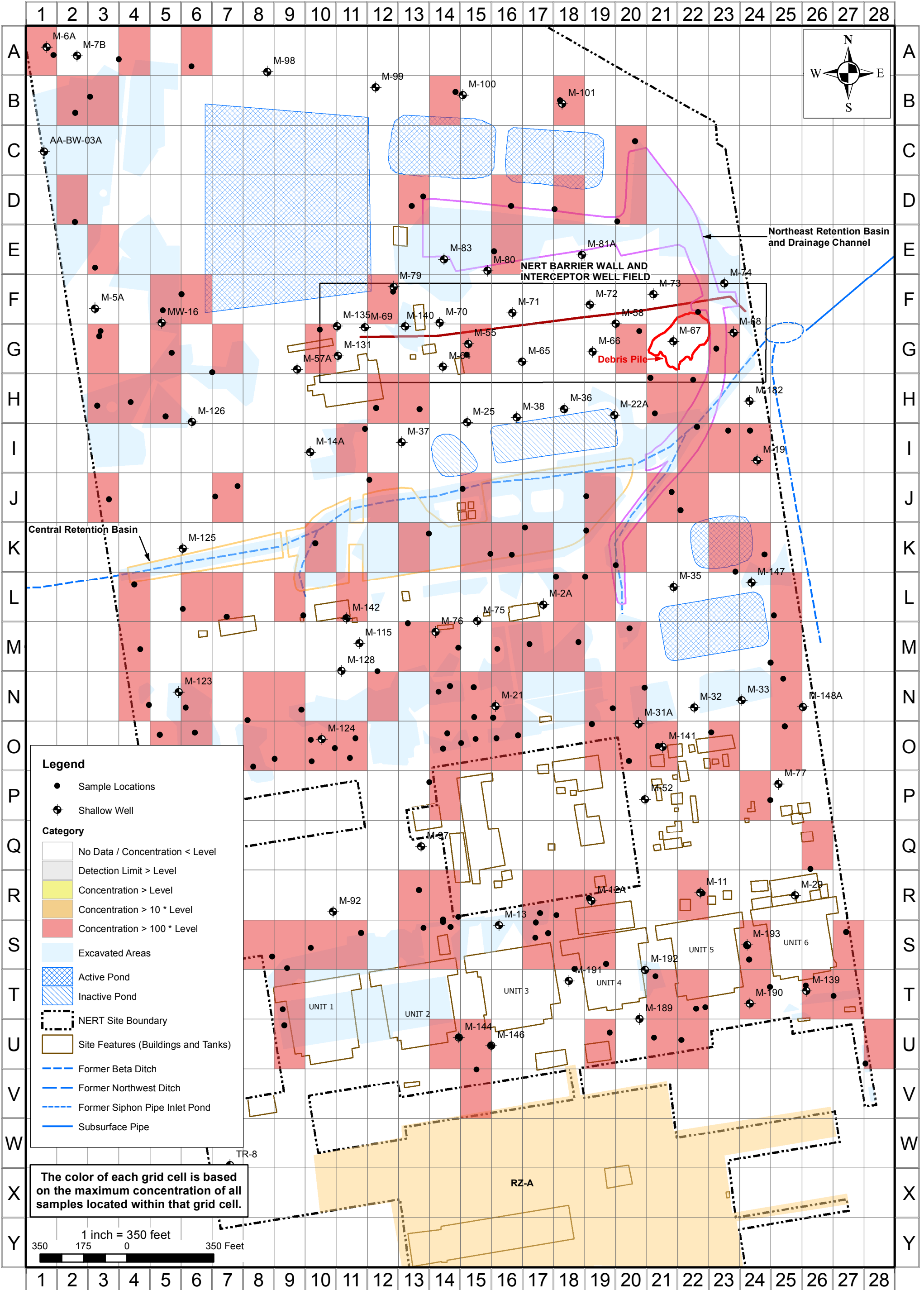




**THORIUM-232 SOIL CONCENTRATIONS >0.0035  $\mu\text{g}/\text{kg}$ , 0-10 FEET BGS**  
**RI Evaluation**

Nevada Environmental Response Trust Site  
Henderson, Nevada

FIGURE  
**C-105**



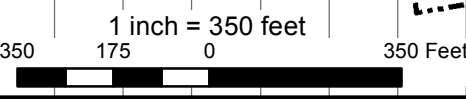
**Legend**

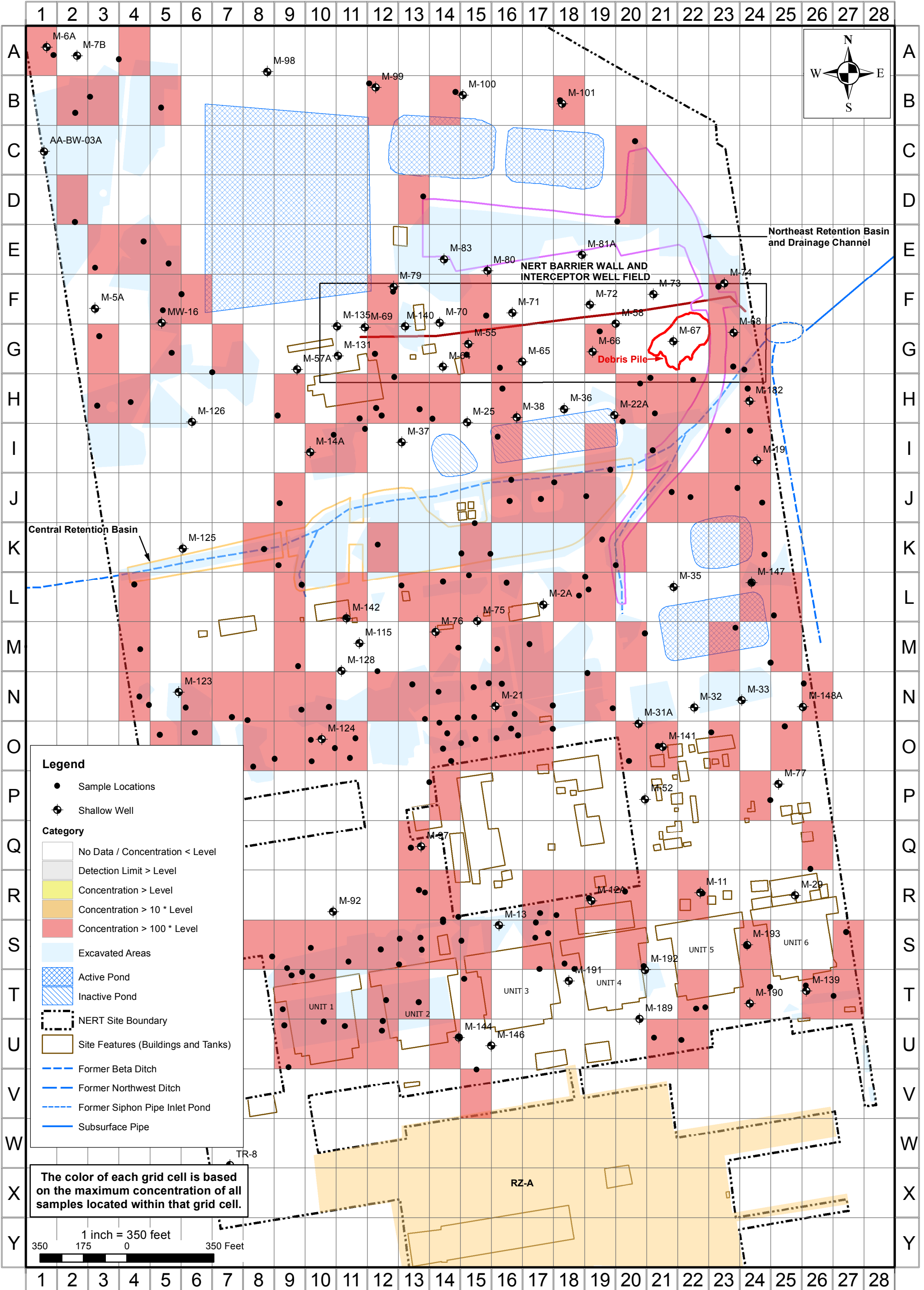
- Sample Locations
- ⊕ Shallow Well

**Category**

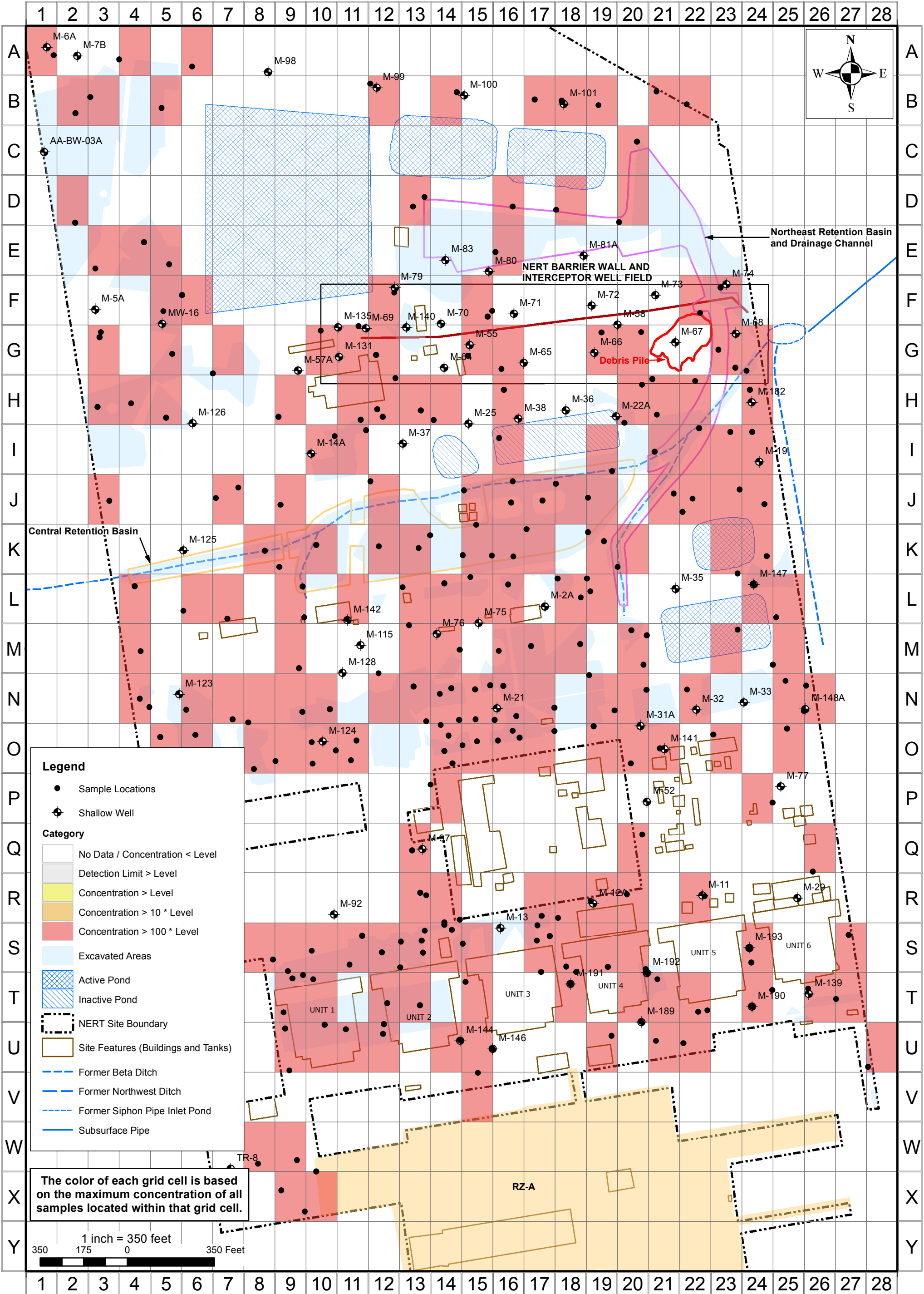
- No Data / Concentration < Level
- Detection Limit > Level
- Concentration > Level
- Concentration > 10 \* Level
- Concentration > 100 \* Level
- Excavated Areas
- ▨ Active Pond
- ▨ Inactive Pond
- ⊔ NERT Site Boundary
- Site Features (Buildings and Tanks)
- Former Beta Ditch
- Former Northwest Ditch
- Former Siphon Pipe Inlet Pond
- Subsurface Pipe

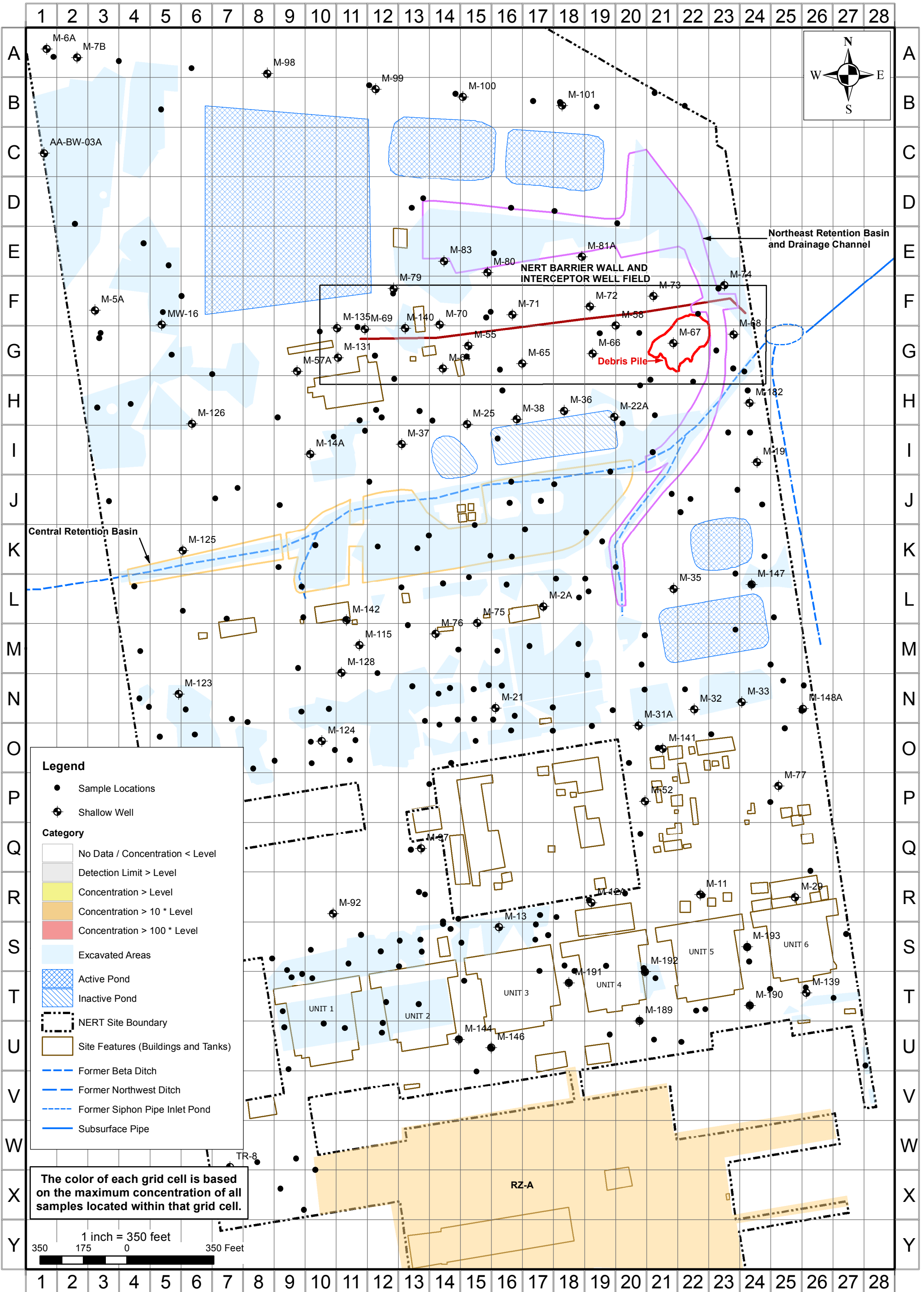
The color of each grid cell is based on the maximum concentration of all samples located within that grid cell.





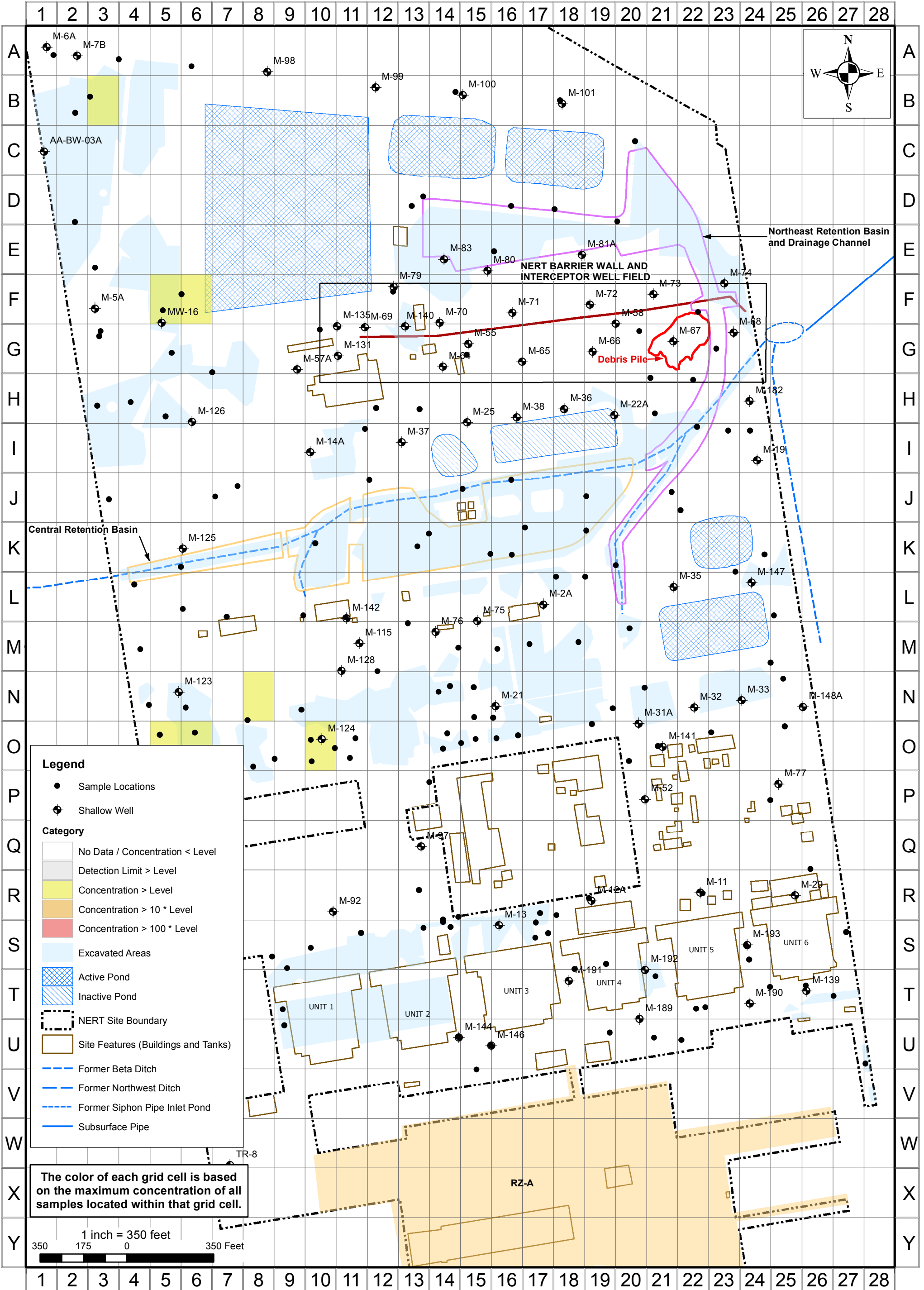






**URANIUM (TOTAL) SOIL CONCENTRATIONS >13.5 mg/kg, 0-10 FEET BGS**  
**RI Evaluation**  
 Nevada Environmental Response Trust Site  
 Henderson, Nevada

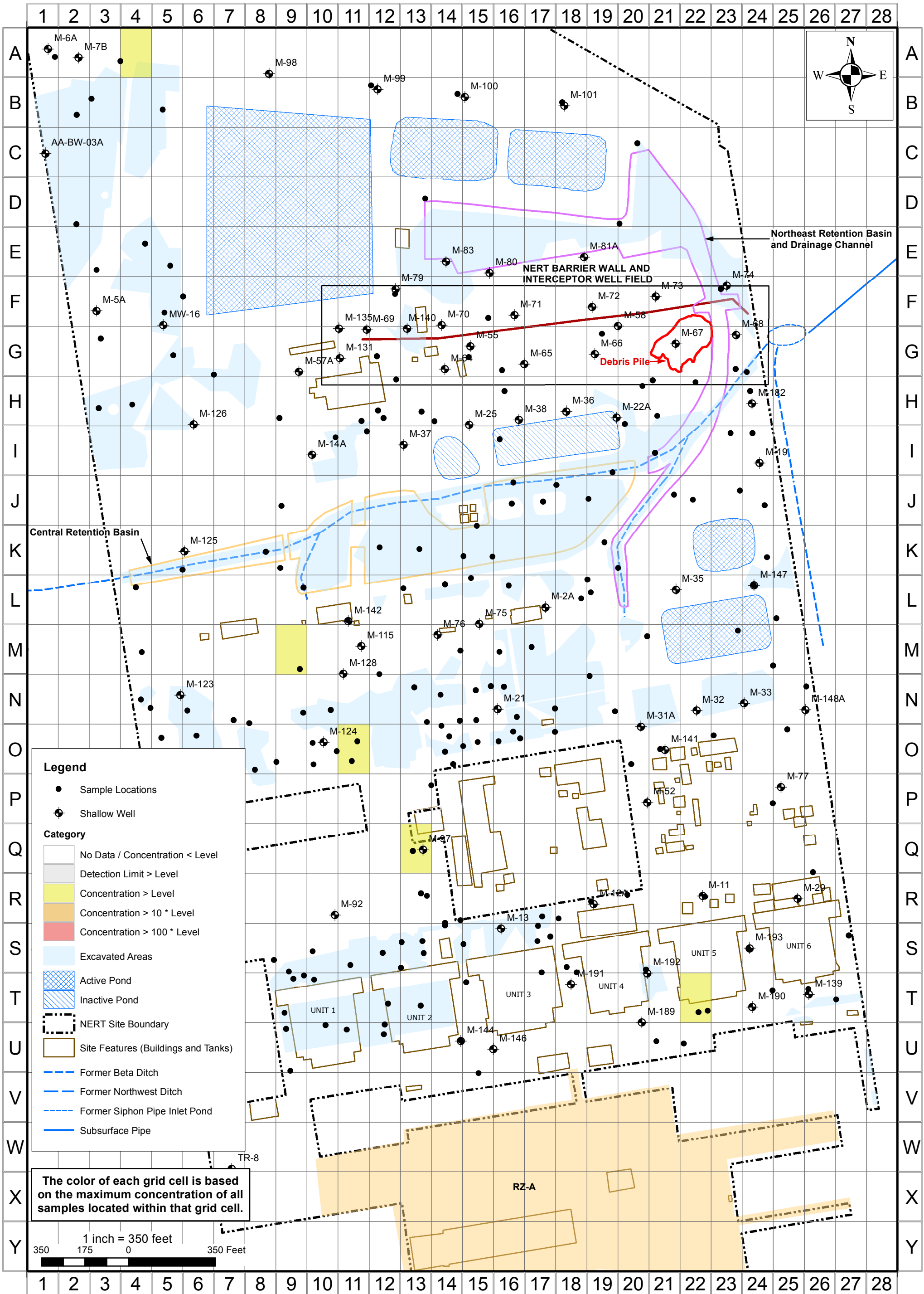
FIGURE  
**C-109**



**URANIUM (TOTAL) SOIL CONCENTRATIONS >13.5 mg/kg, 10-20 FEET BGS**  
**BGS**  
**RI Evaluation**

FIGURE  
**C-110**

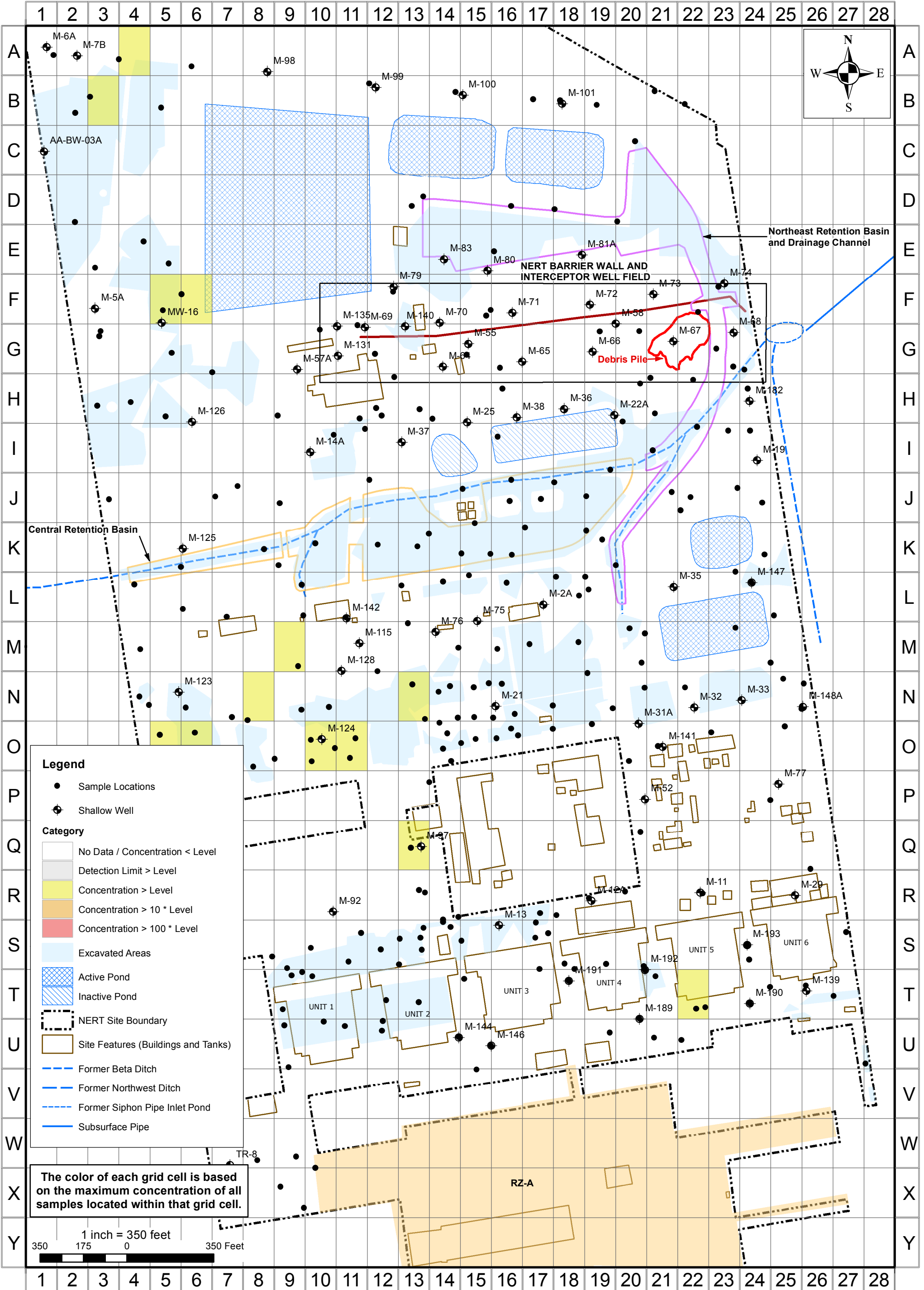




**URANIUM (TOTAL) SOIL CONCENTRATIONS >13.5 mg/kg, 20-30 FEET BGS**  
**BGS**  
**RI Evaluation**

Nevada Environmental Response Trust Site

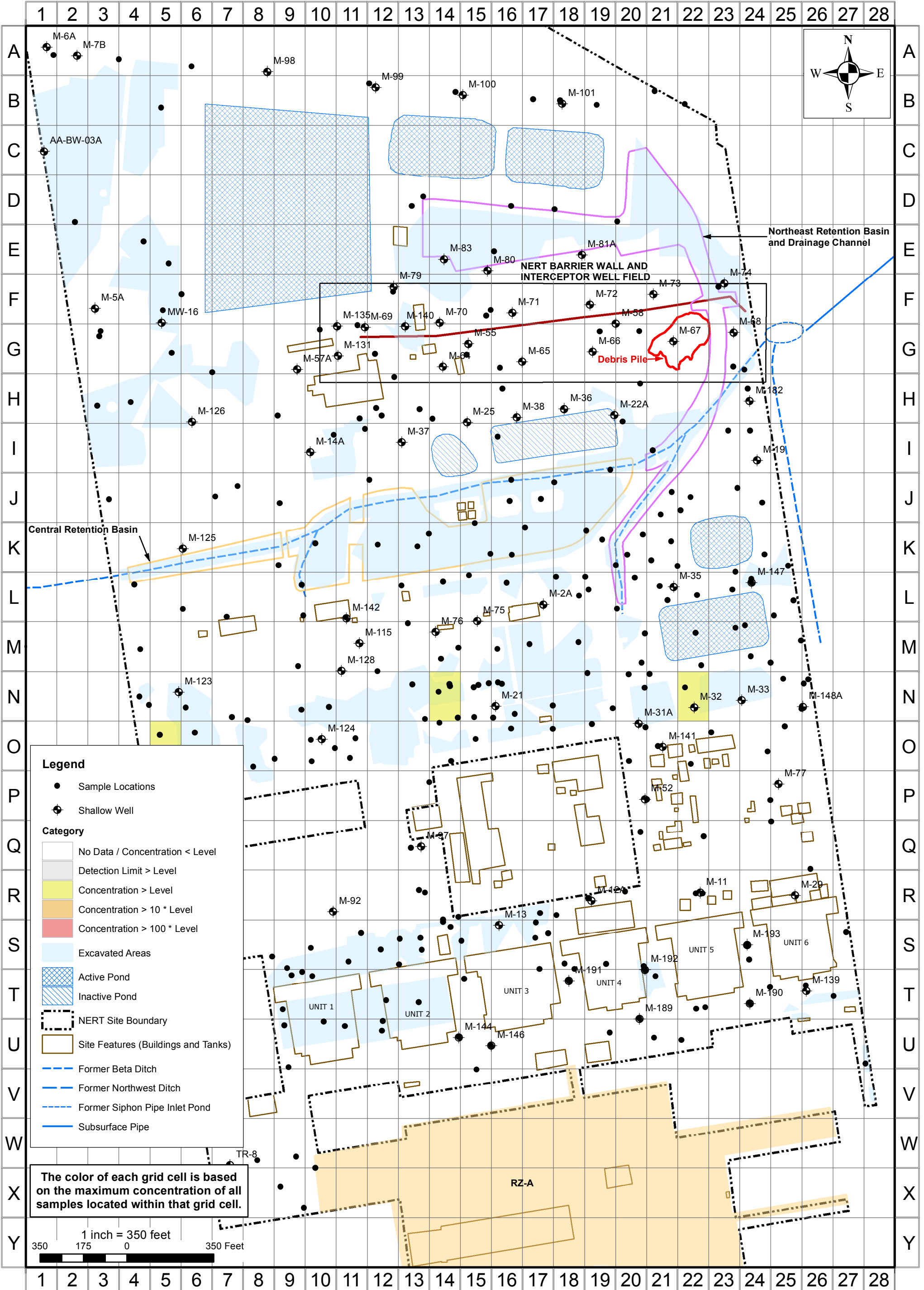
FIGURE  
**C-111**



**URANIUM (TOTAL) SOIL CONCENTRATIONS >13.5 mg/kg, ALL DEPTHS**  
**RI Evaluation**

Nevada Environmental Response Trust Site  
Henderson, Nevada

FIGURE  
**C-112**



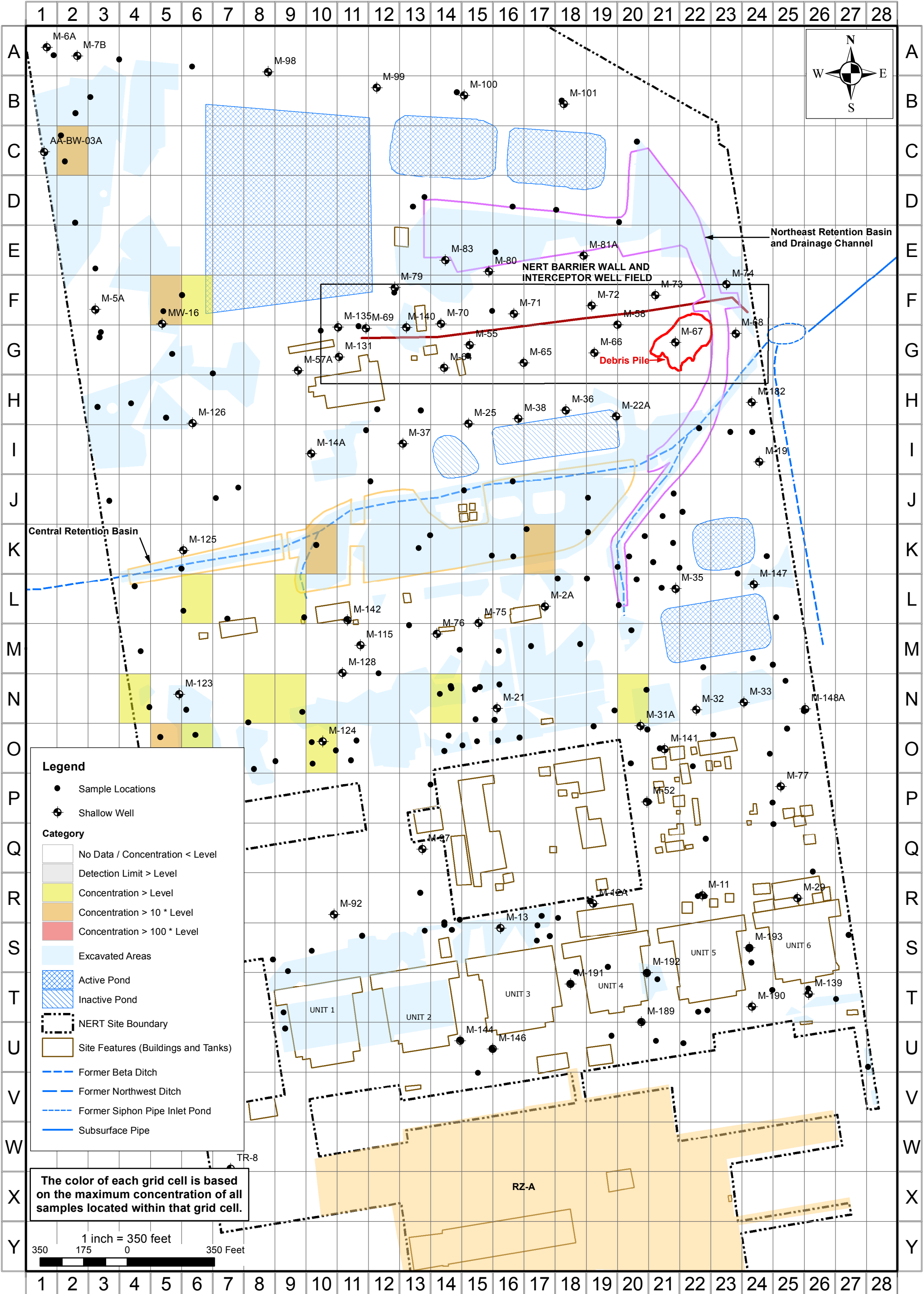
**CHLOROFORM SOIL CONCENTRATIONS >30 µg/kg, 0-10 FEET BGS  
RI Evaluation**

Nevada Environmental Response Trust Site  
Henderson, Nevada

FIGURE  
**C-113**







**CHLOROFORM SOIL CONCENTRATIONS >30 µg/kg, 10-20 FEET BGS**  
**RI Evaluation**

Nevada Environmental Response Trust Site  
 Henderson, Nevada

FIGURE  
**C-114**

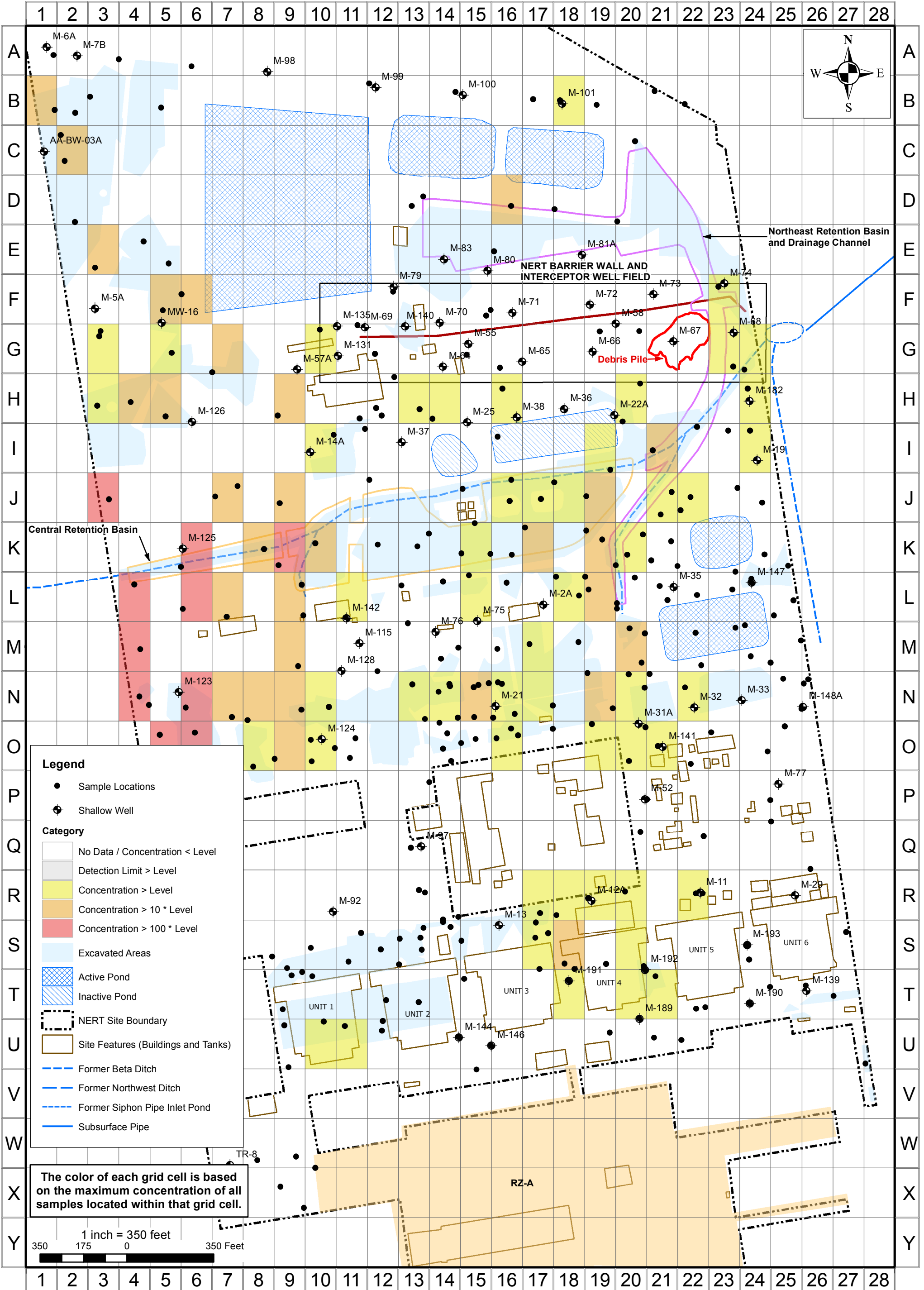




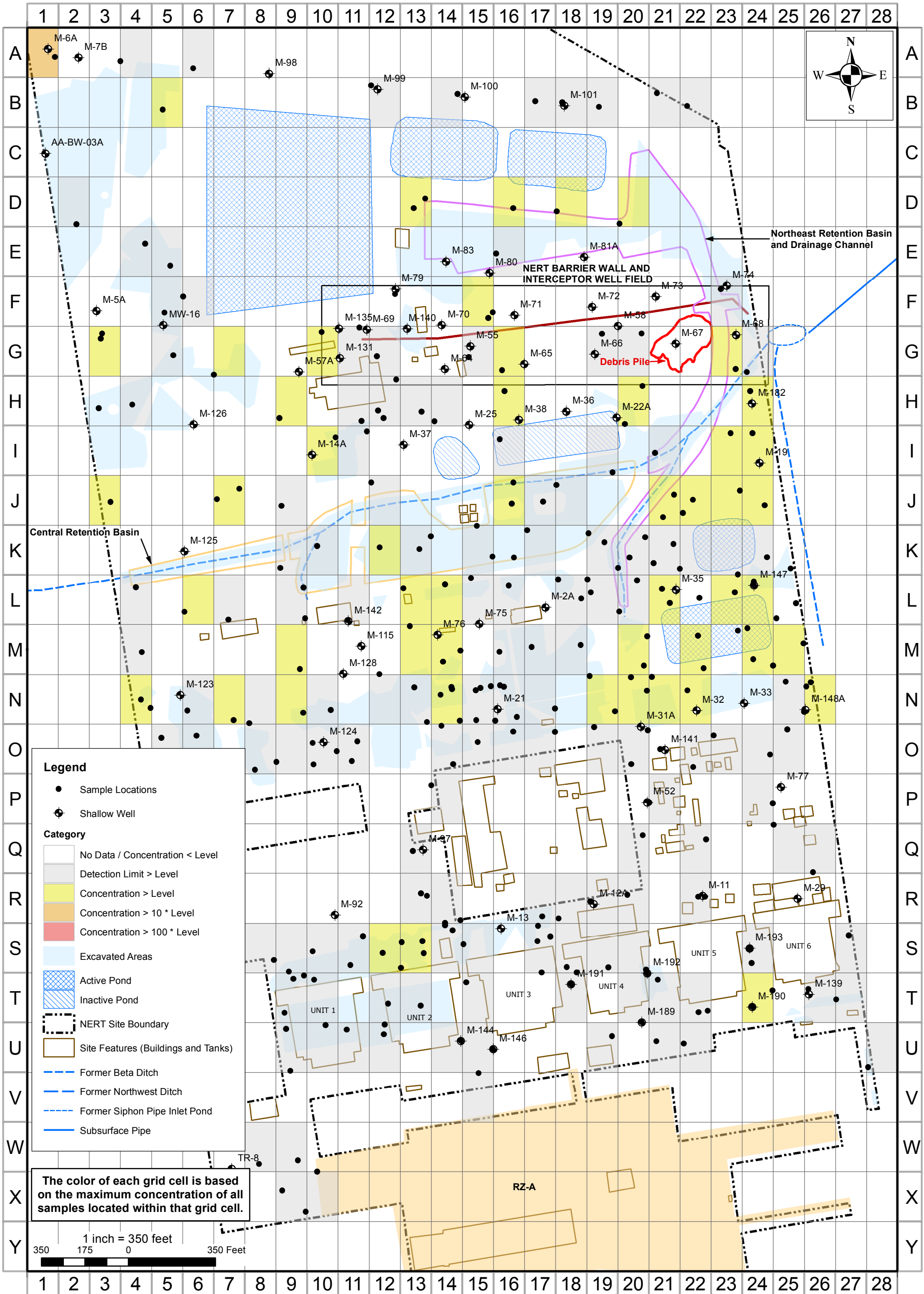
**CHLOROFORM SOIL CONCENTRATIONS >30 µg/kg, 20-30 FEET BGS**  
**RI Evaluation**

Nevada Environmental Response Trust Site  
Henderson, Nevada

FIGURE  
**C-115**

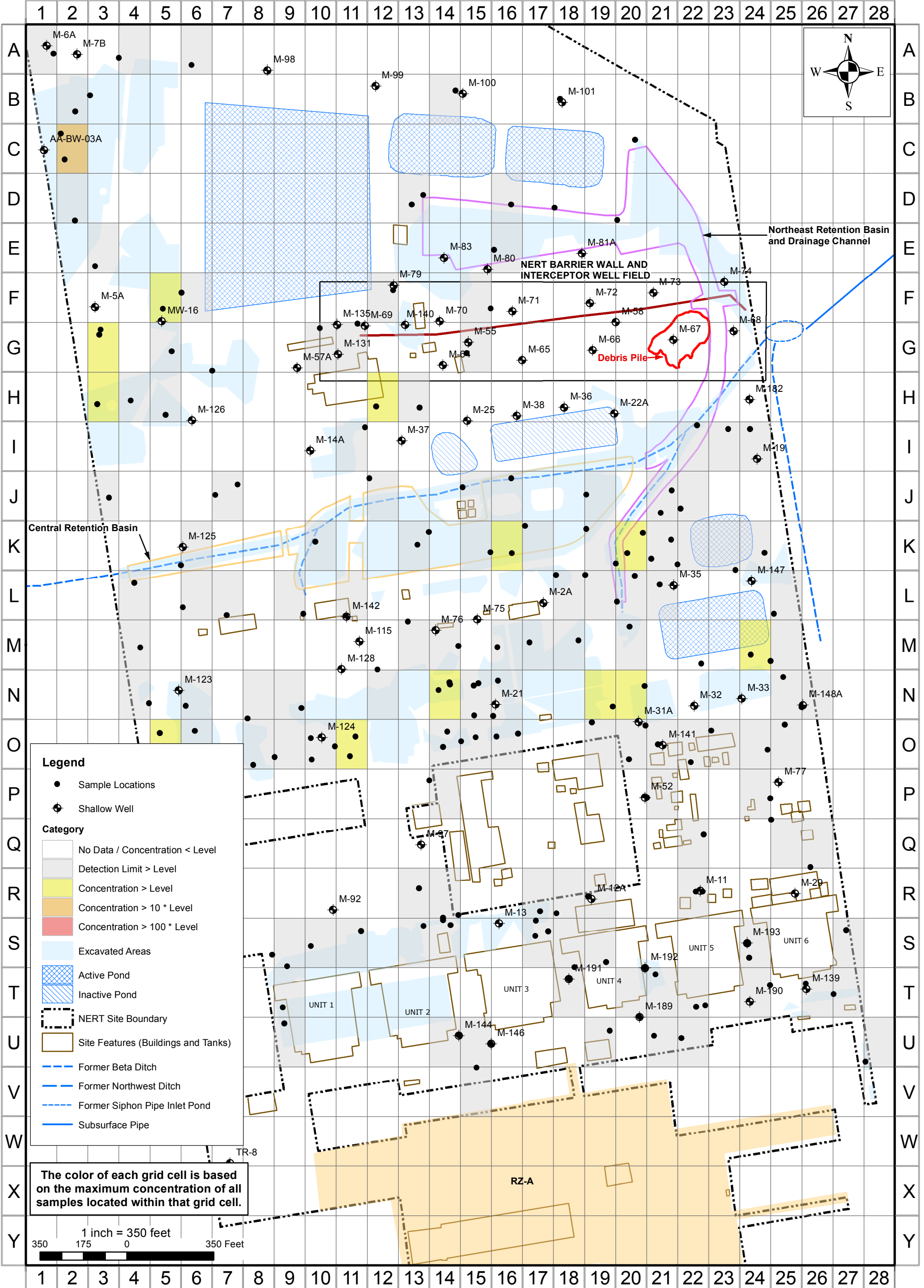






**METHYLENE CHLORIDE SOIL CONCENTRATIONS >1 µg/kg, 0-10 FEET**  
**BGS**  
**RI Evaluation**

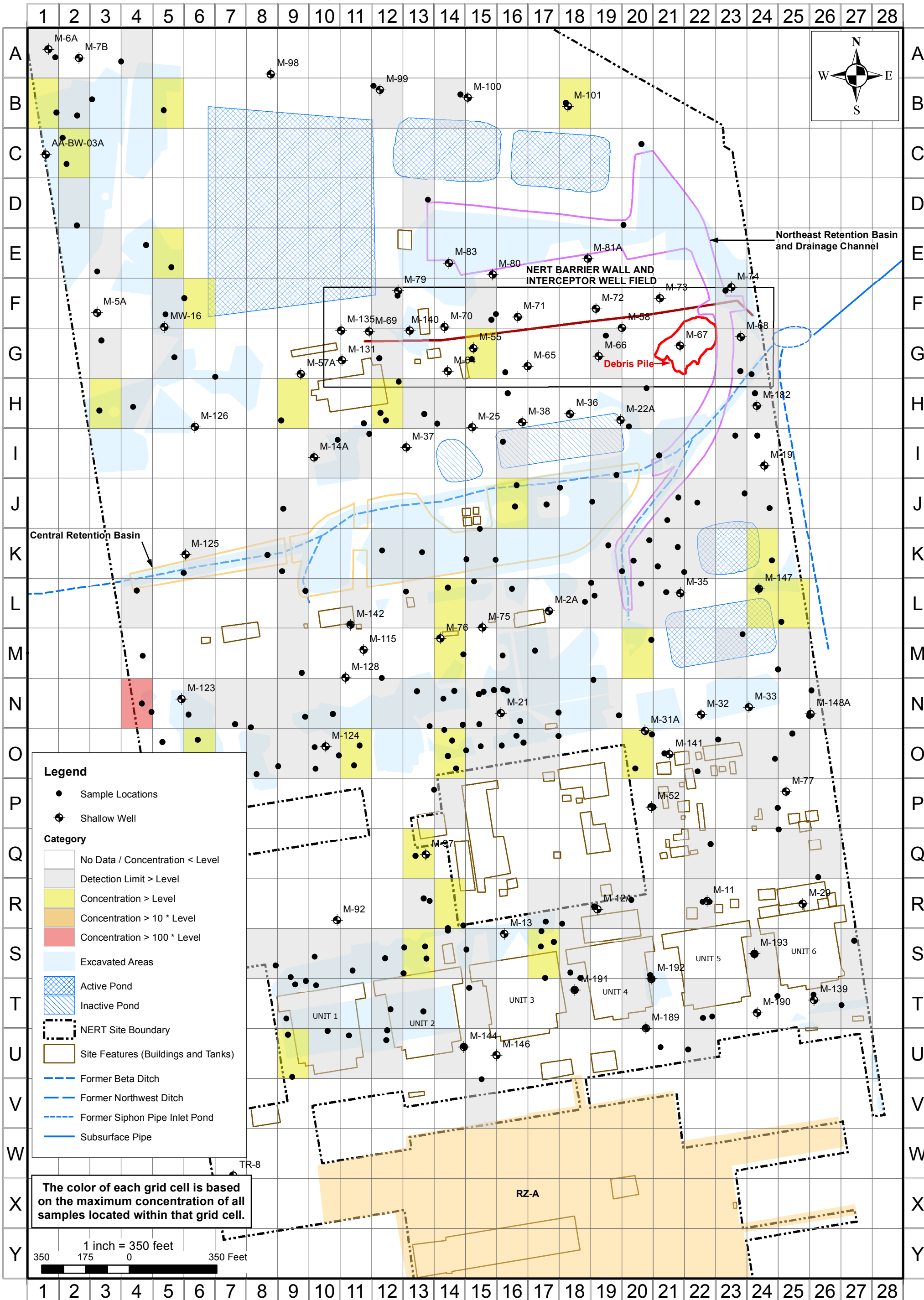
**FIGURE**  
**C-117**



**METHYLENE CHLORIDE SOIL CONCENTRATIONS >1 µg/kg, 10-20 FEET  
BGS  
RI Evaluation**

Nevada Environmental Response Trust Site

FIGURE  
**C-118**



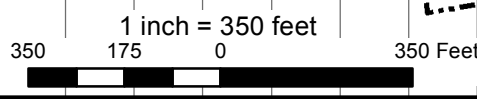
**Legend**

- Sample Locations
- ⊕ Shallow Well

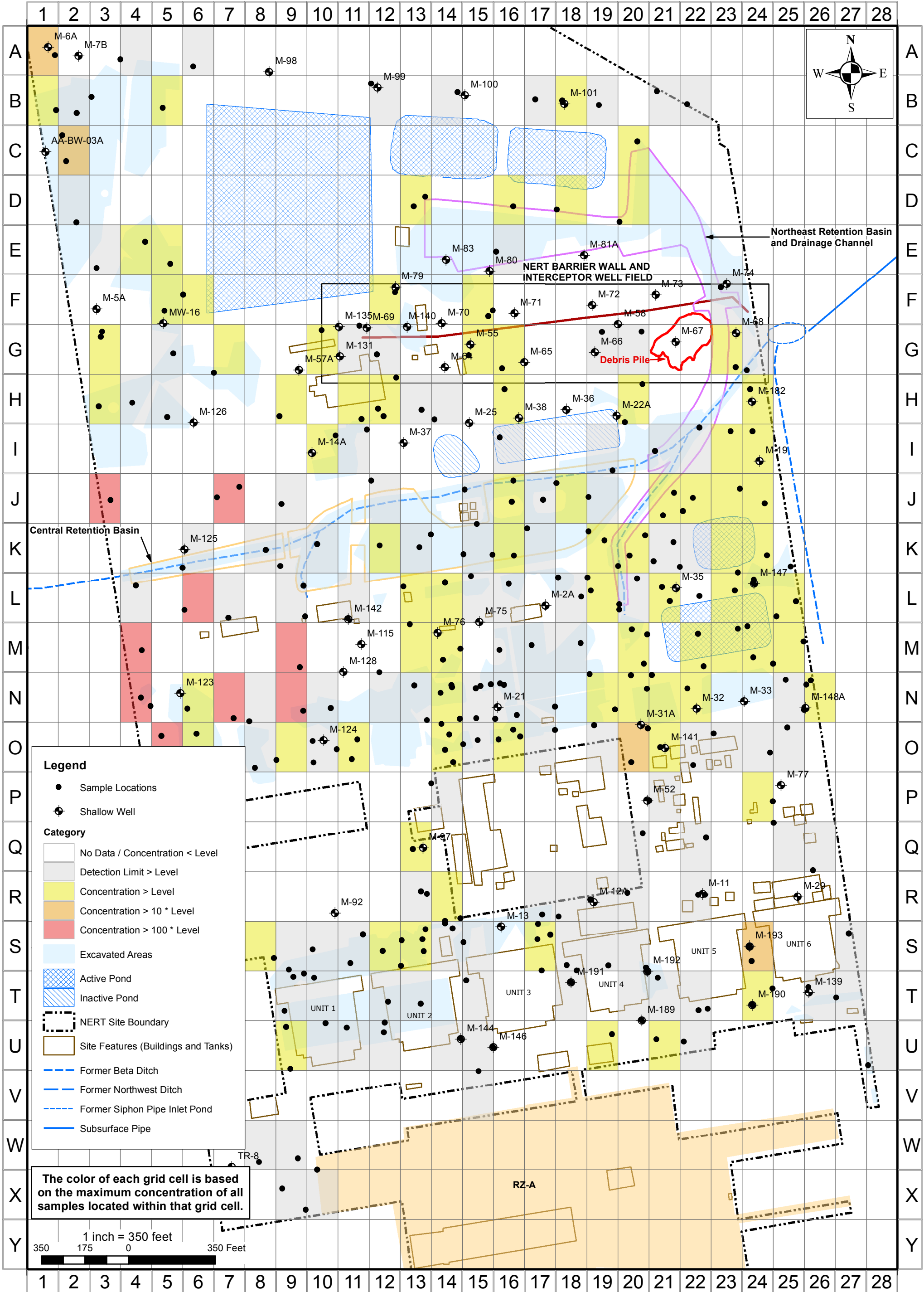
**Category**

- No Data / Concentration < Level
- Detection Limit > Level
- Concentration > Level
- Concentration > 10 \* Level
- Concentration > 100 \* Level
- Excavated Areas
- ▨ Active Pond
- ▨ Inactive Pond
- ⊔ NERT Site Boundary
- Site Features (Buildings and Tanks)
- Former Beta Ditch
- Former Northwest Ditch
- Former Siphon Pipe Inlet Pond
- Subsurface Pipe

The color of each grid cell is based on the maximum concentration of all samples located within that grid cell.







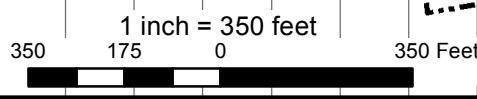
**Legend**

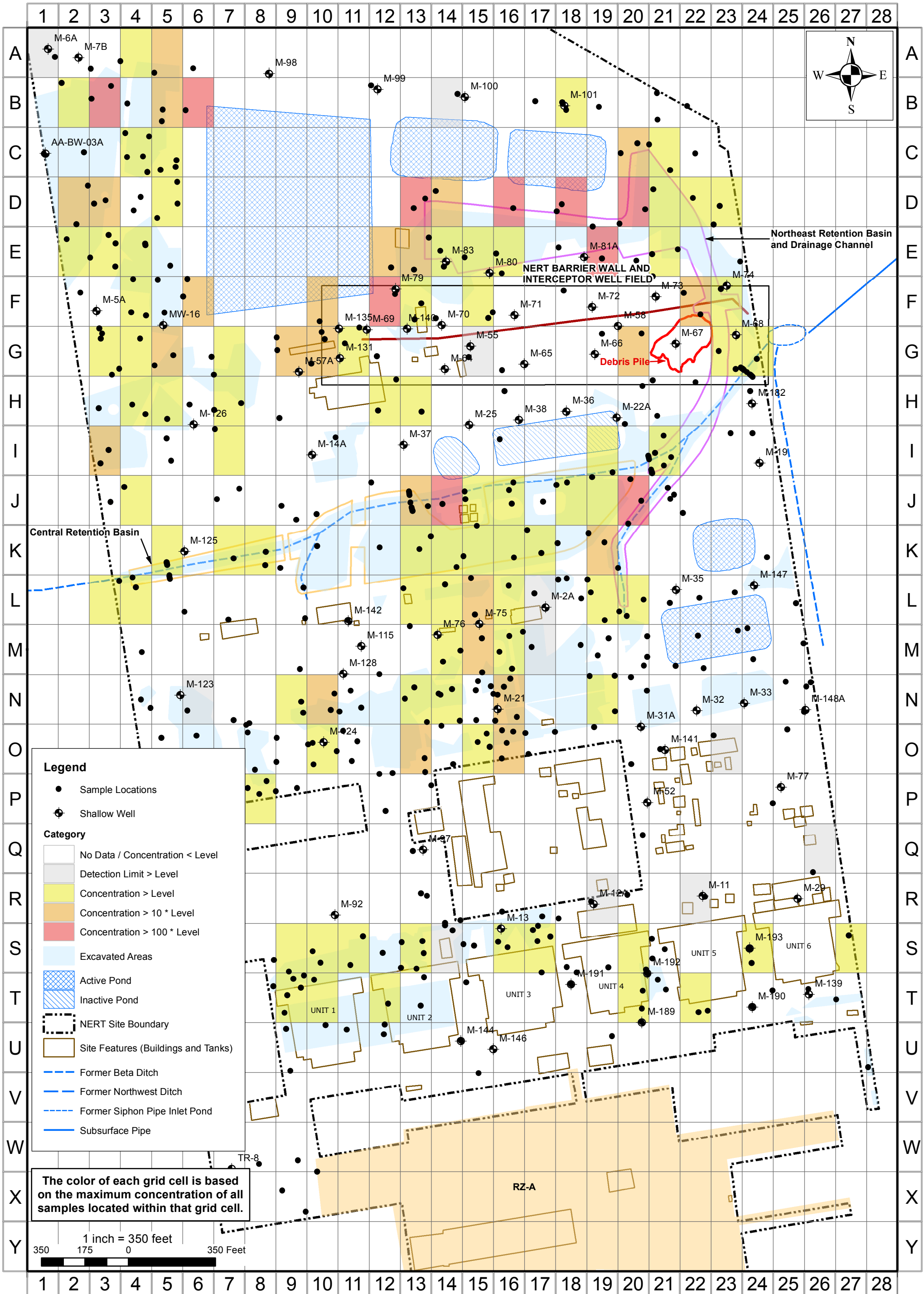
- Sample Locations
- ⊕ Shallow Well

**Category**

- No Data / Concentration < Level
- Detection Limit > Level
- Concentration > Level
- Concentration > 10 \* Level
- Concentration > 100 \* Level
- Excavated Areas
- ▨ Active Pond
- ▨ Inactive Pond
- ⊔ NERT Site Boundary
- ⊔ Site Features (Buildings and Tanks)
- Former Beta Ditch
- Former Northwest Ditch
- Former Siphon Pipe Inlet Pond
- Subsurface Pipe

The color of each grid cell is based on the maximum concentration of all samples located within that grid cell.





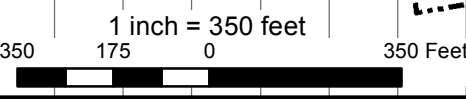
**Legend**

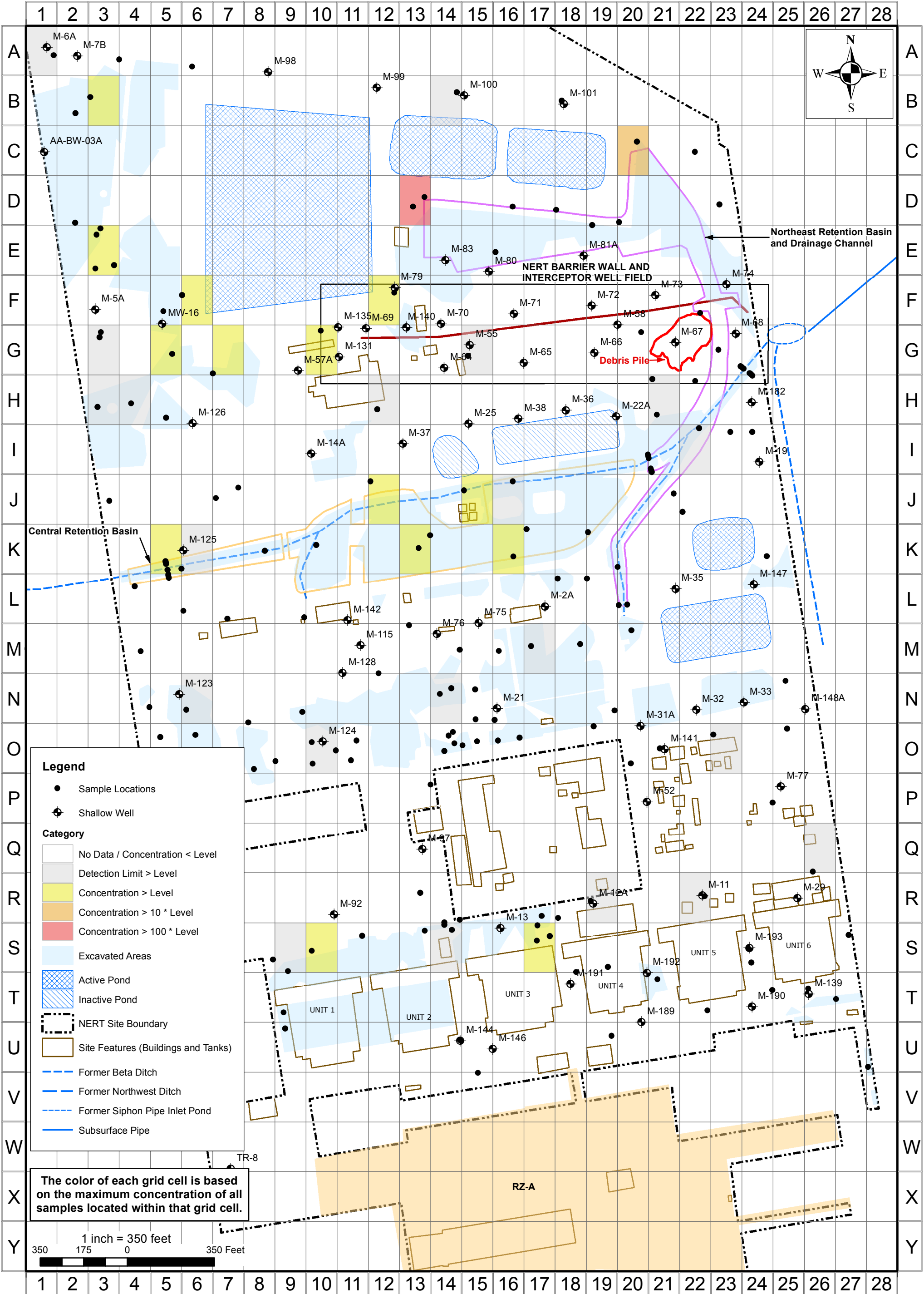
- Sample Locations
- ⊕ Shallow Well

**Category**

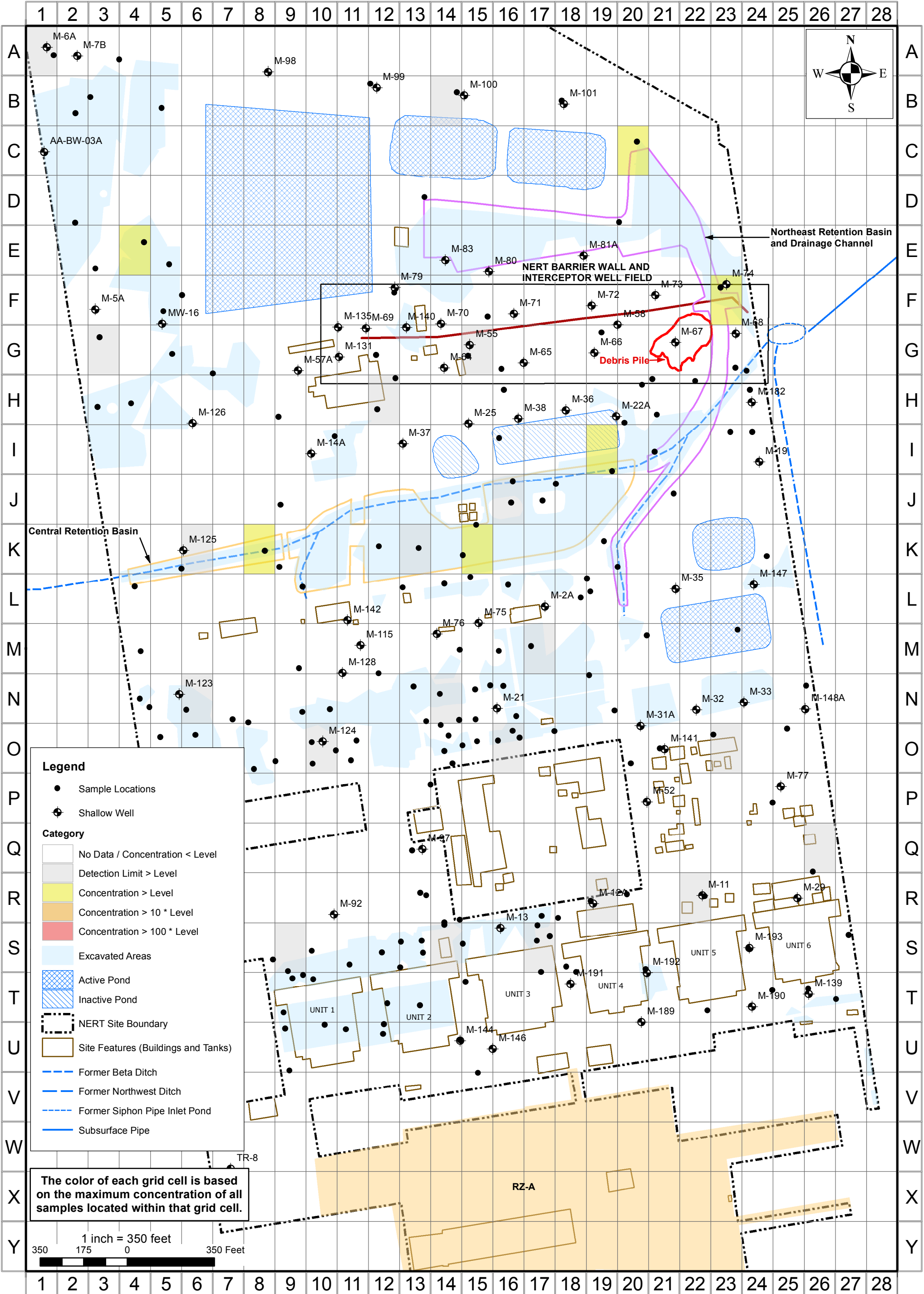
- No Data / Concentration < Level
- Detection Limit > Level
- Concentration > Level
- Concentration > 10 \* Level
- Concentration > 100 \* Level
- Excavated Areas
- ▨ Active Pond
- ▨ Inactive Pond
- ⊔ NERT Site Boundary
- Site Features (Buildings and Tanks)
- Former Beta Ditch
- Former Northwest Ditch
- Former Siphon Pipe Inlet Pond
- Subsurface Pipe

The color of each grid cell is based on the maximum concentration of all samples located within that grid cell.









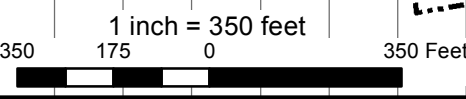
**Legend**

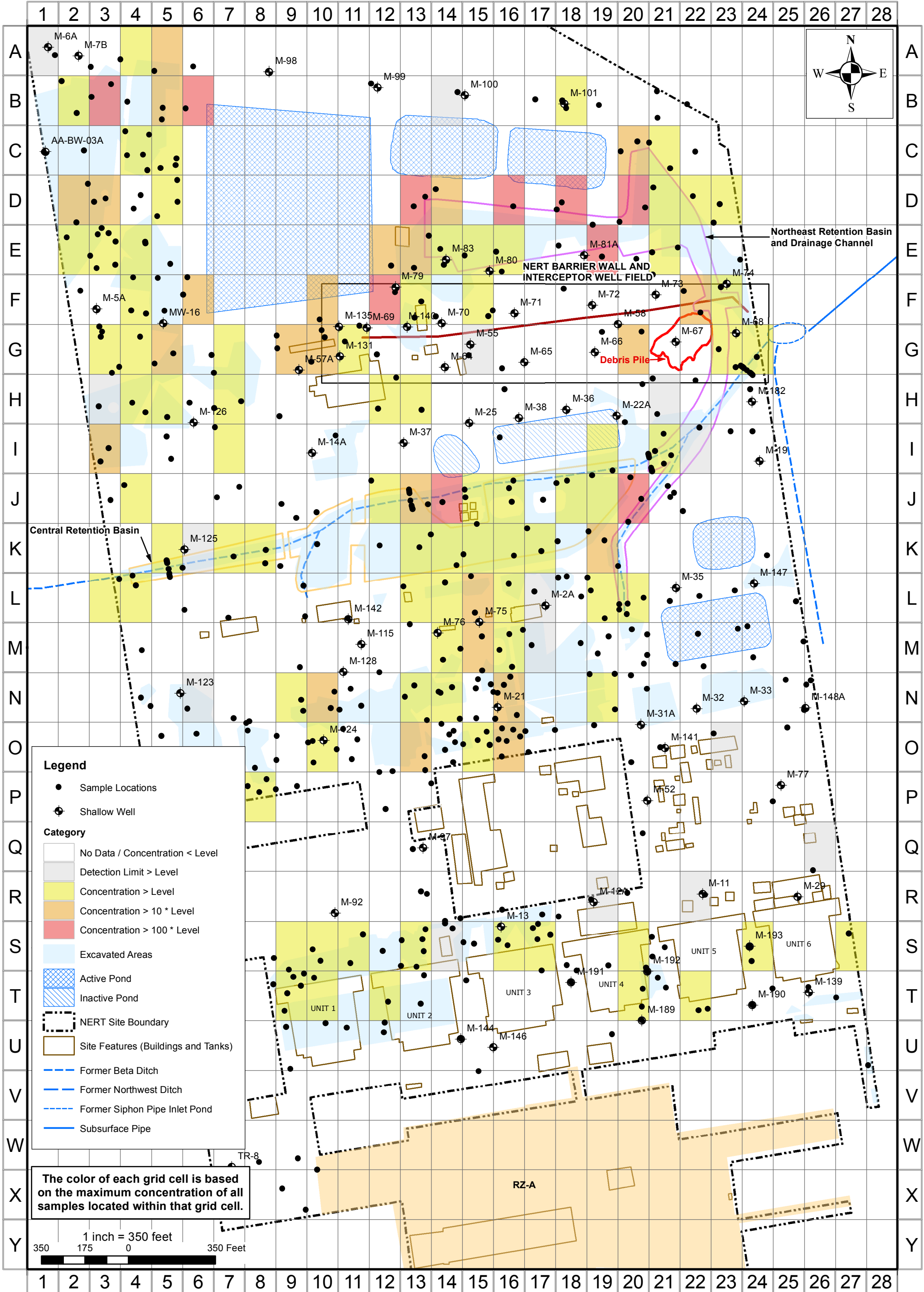
- Sample Locations
- ⊕ Shallow Well

**Category**

- No Data / Concentration < Level
- Detection Limit > Level
- Concentration > Level
- Concentration > 10 \* Level
- Concentration > 100 \* Level
- Excavated Areas
- Active Pond
- Inactive Pond
- NERT Site Boundary
- Site Features (Buildings and Tanks)
- Former Beta Ditch
- Former Northwest Ditch
- Former Siphon Pipe Inlet Pond
- Subsurface Pipe

The color of each grid cell is based on the maximum concentration of all samples located within that grid cell.

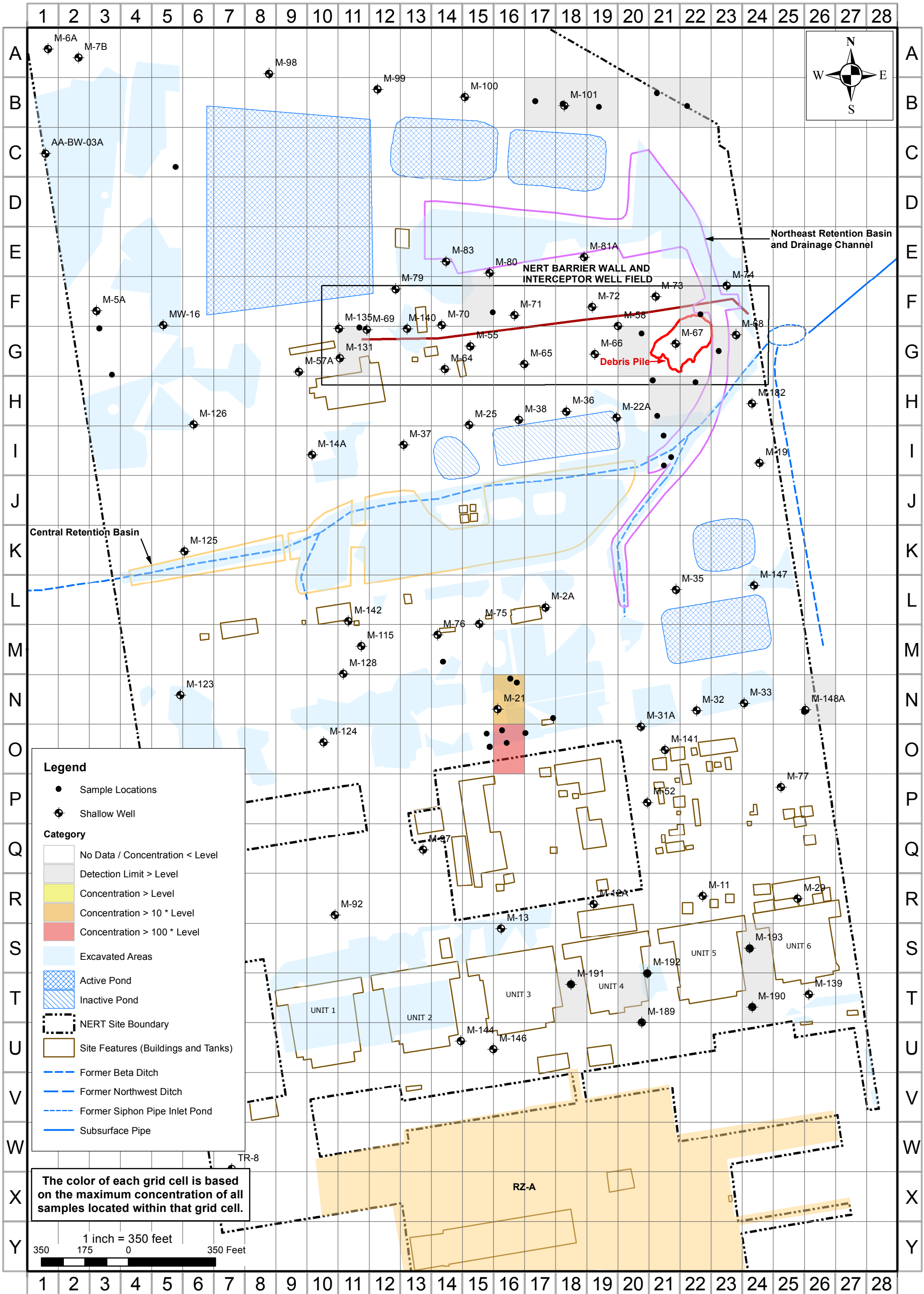




**HEXACHLOROBENZENE SOIL CONCENTRATIONS >100 µg/kg, ALL DEPTHS**  
**RI Evaluation**

Nevada Environmental Response Trust Site

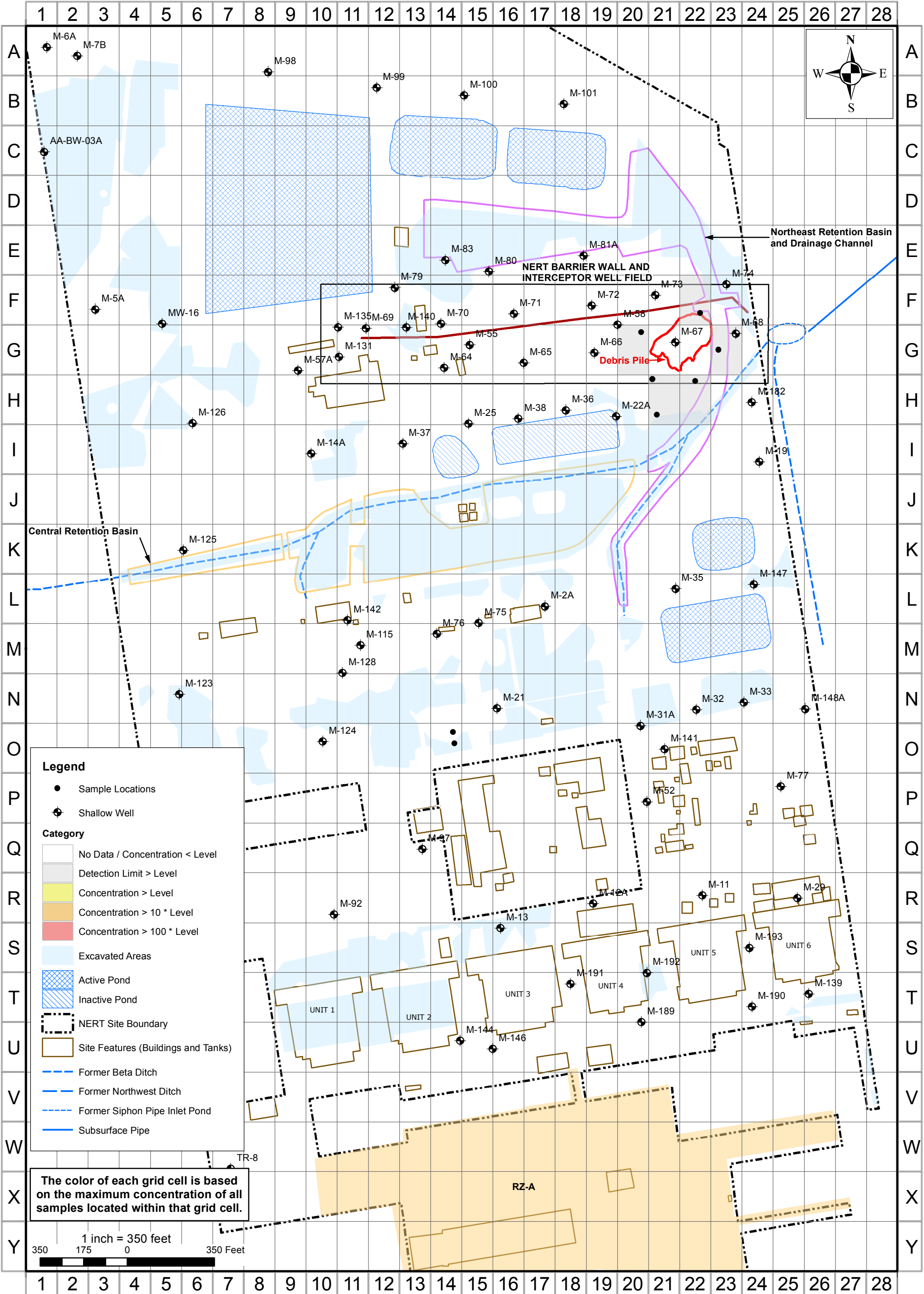
FIGURE  
**C-124**

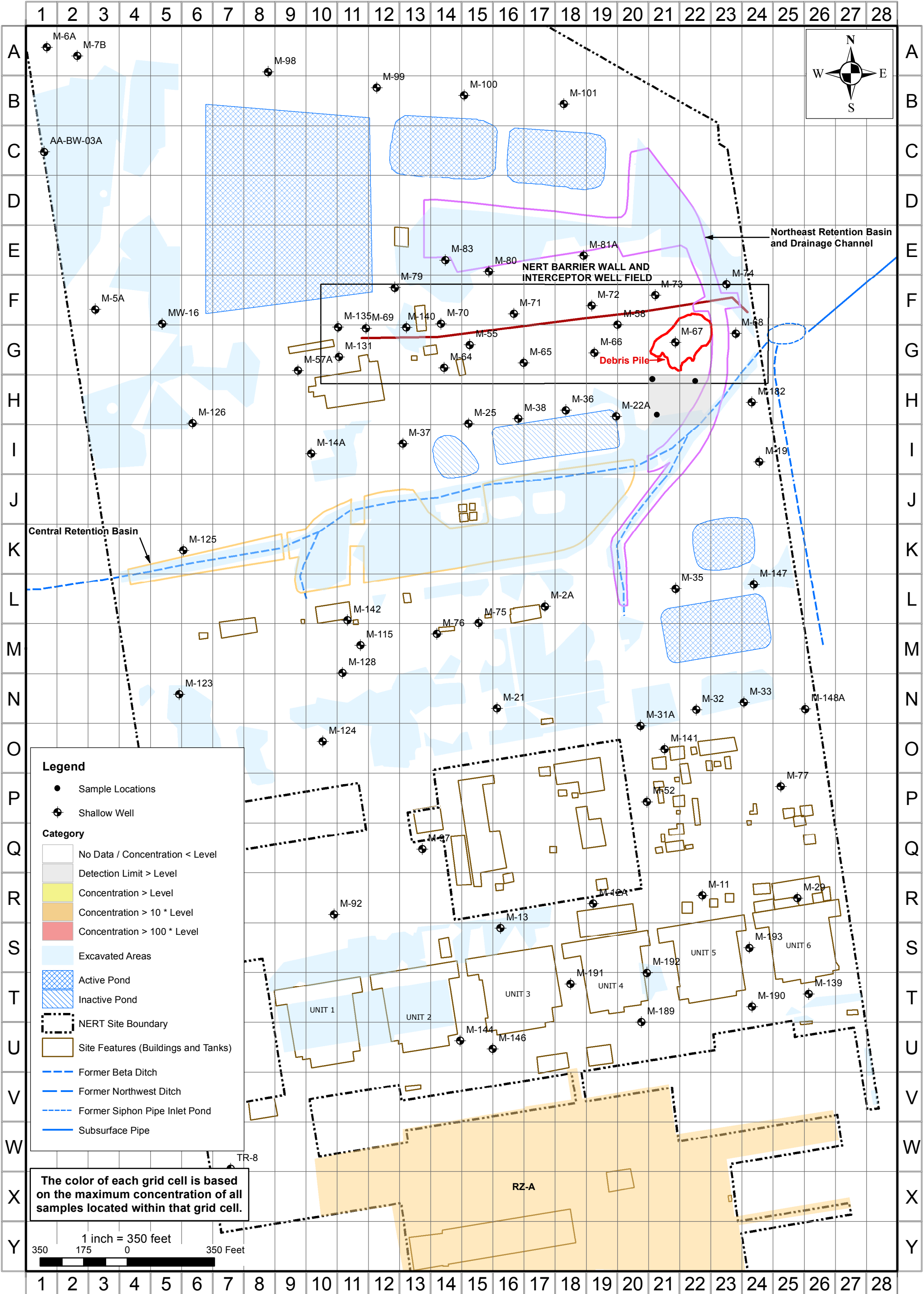


**1-METHYLNAPHTHALENE SOIL CONCENTRATIONS >33 µg/kg, 0-10 FEET**  
**BGS**  
**RI Evaluation**

FIGURE  
**C-125**



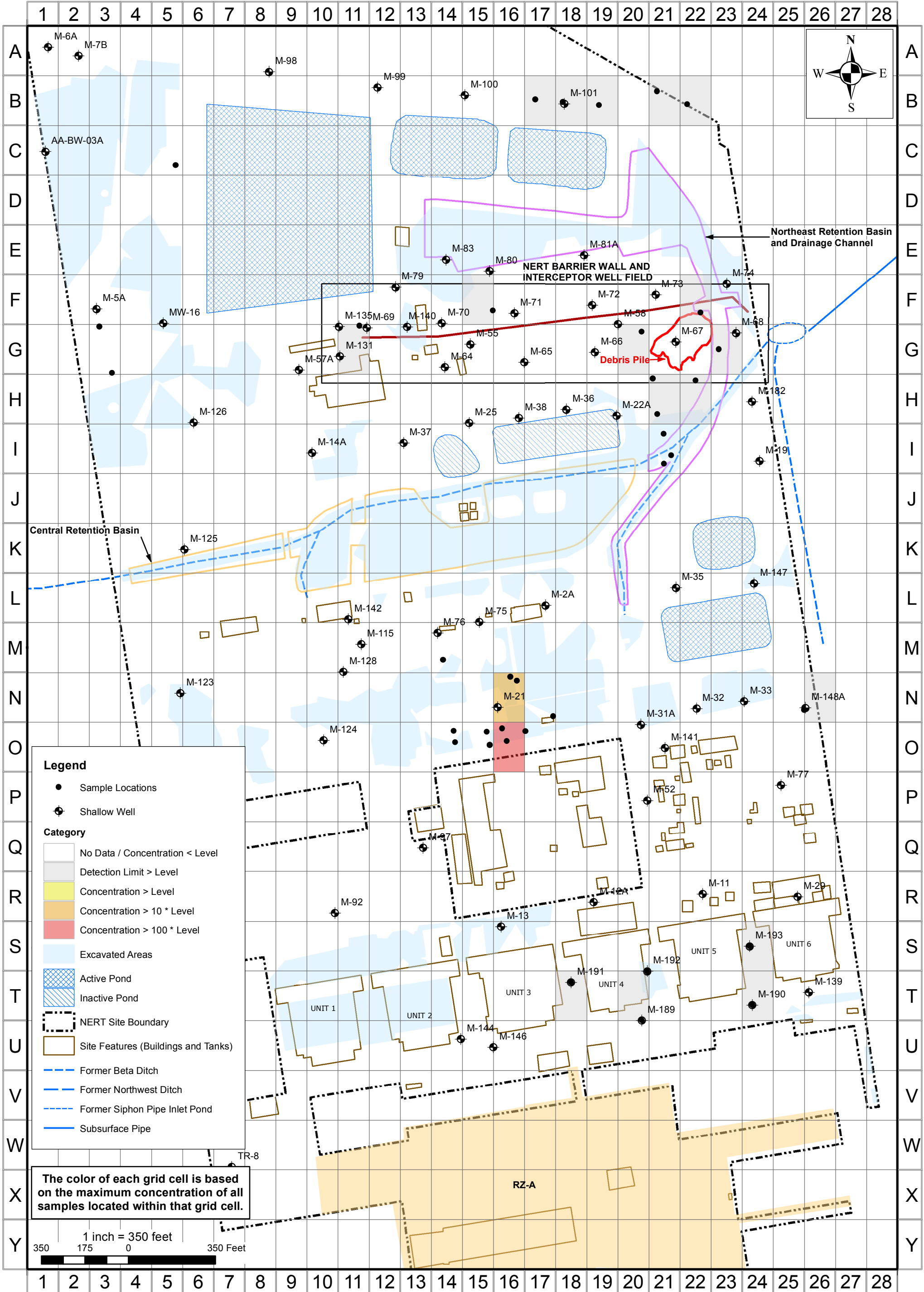




**1-METHYLNAPHTHALENE SOIL CONCENTRATIONS >33 µg/kg, 20-30 FEET  
BGS  
RI Evaluation**

**FIGURE  
C-127**

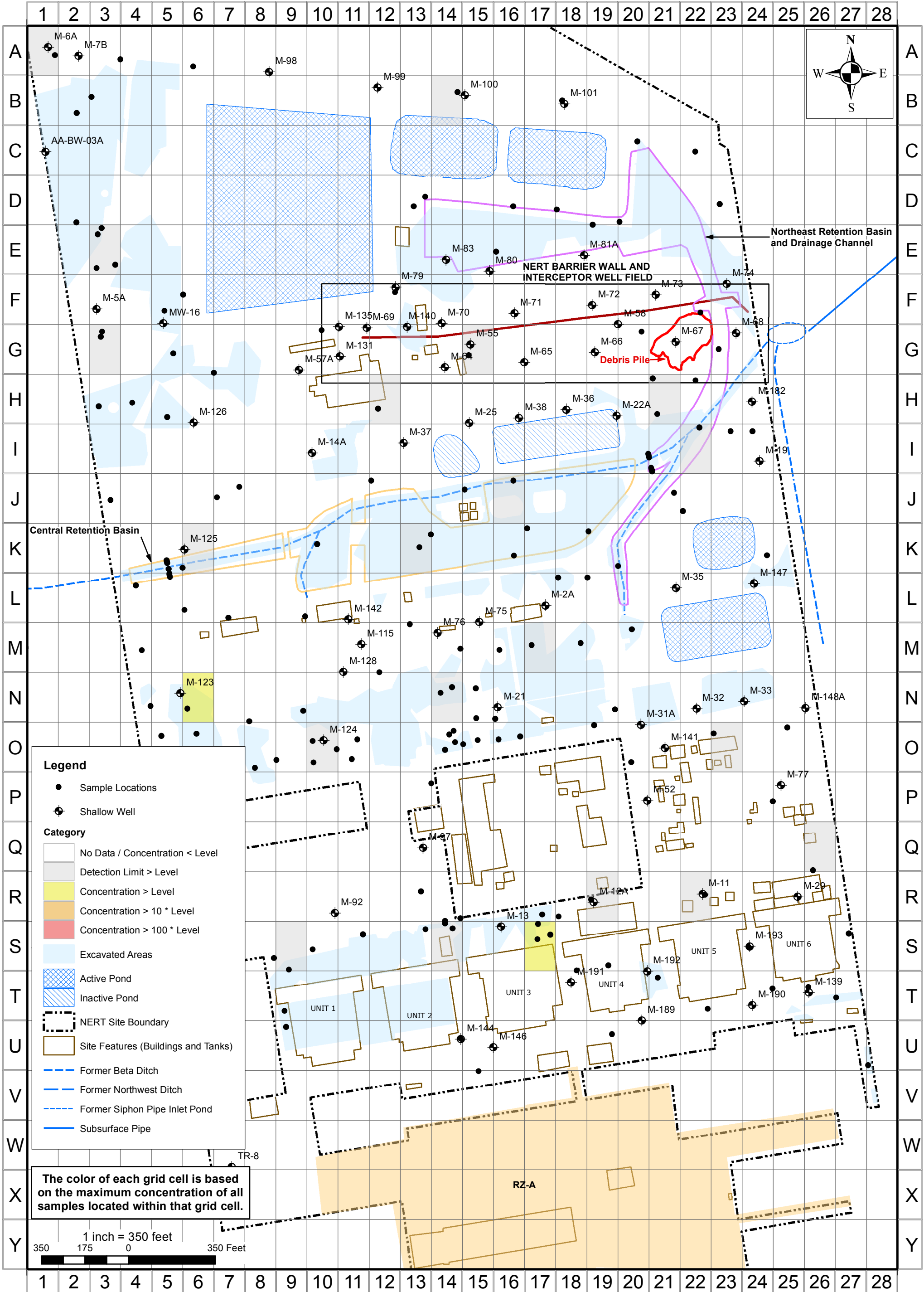




**1-METHYLNAPHTHALENE SOIL CONCENTRATIONS > 33 µg/kg, ALL DEPTHS**  
**RI Evaluation**

FIGURE  
**C-128**





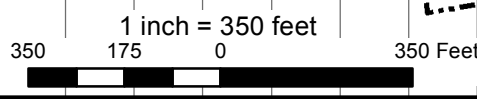
**Legend**

- Sample Locations
- ⊕ Shallow Well

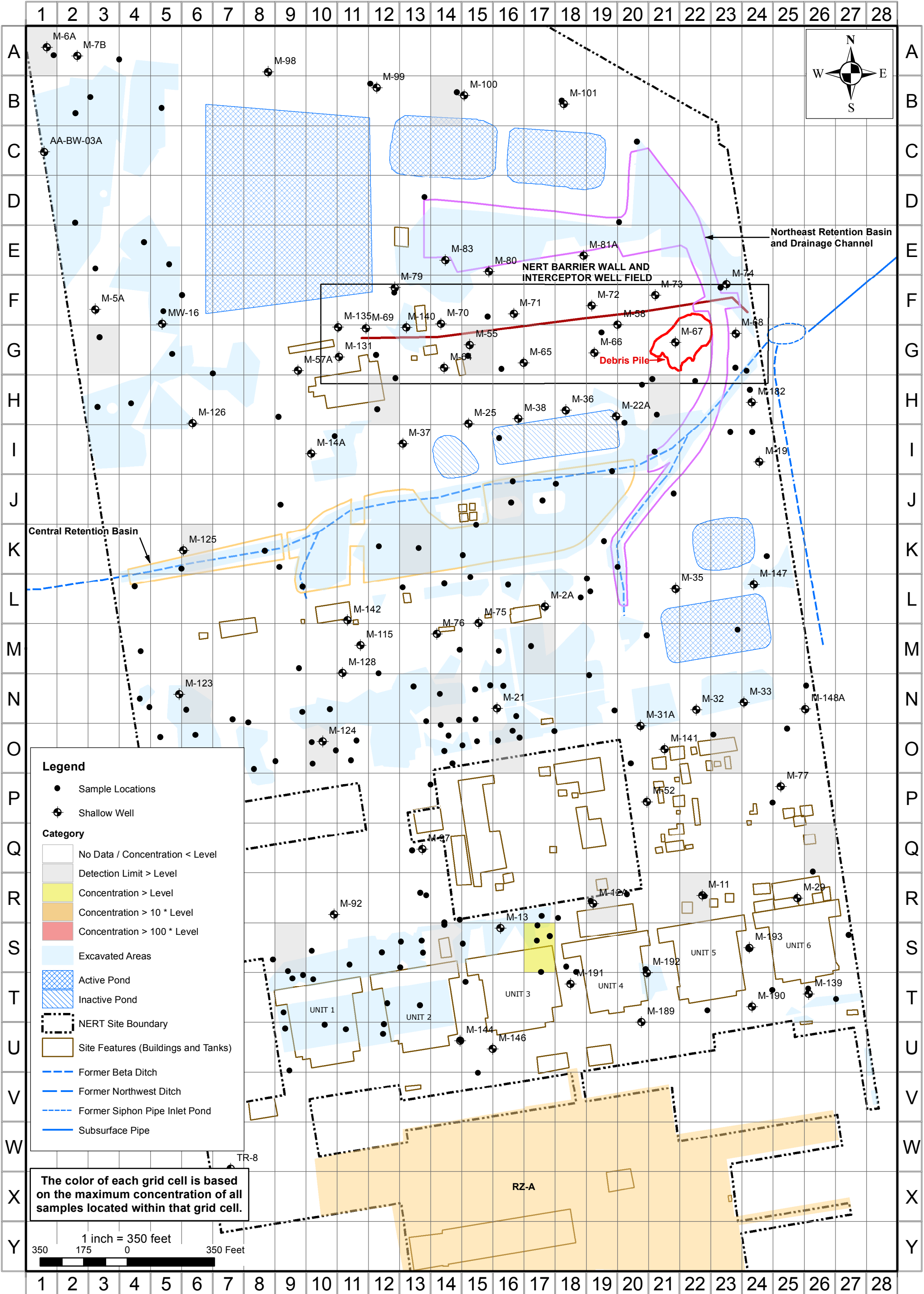
**Category**

- No Data / Concentration < Level
- Detection Limit > Level
- Concentration > Level
- Concentration > 10 \* Level
- Concentration > 100 \* Level
- Excavated Areas
- ▨ Active Pond
- ▧ Inactive Pond
- ⊞ NERT Site Boundary
- Site Features (Buildings and Tanks)
- Former Beta Ditch
- Former Northwest Ditch
- Former Siphon Pipe Inlet Pond
- Subsurface Pipe

The color of each grid cell is based on the maximum concentration of all samples located within that grid cell.







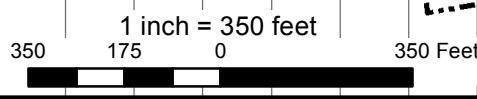
**Legend**

- Sample Locations
- ⊕ Shallow Well

**Category**

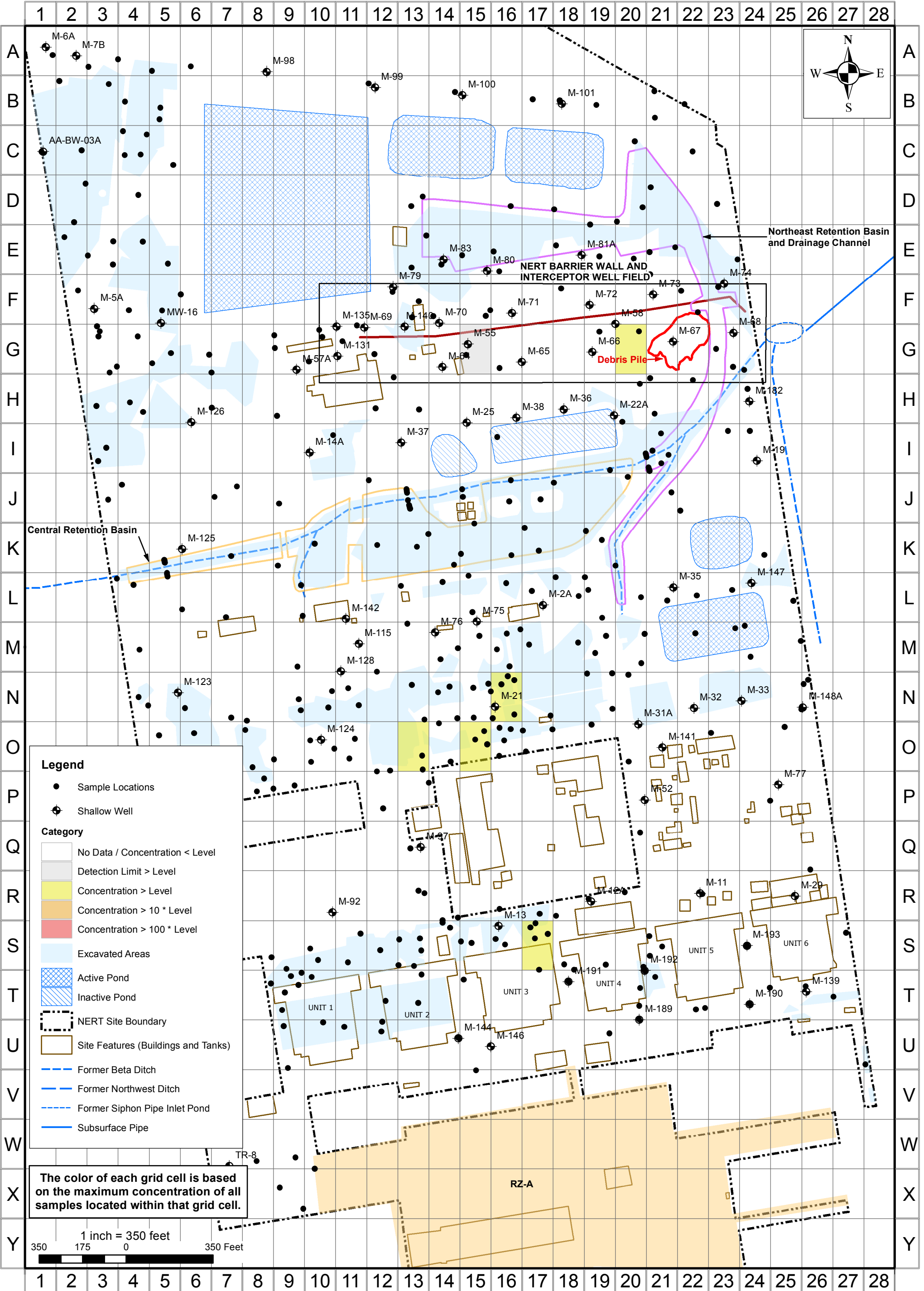
- No Data / Concentration < Level
- Detection Limit > Level
- Concentration > Level
- Concentration > 10 \* Level
- Concentration > 100 \* Level
- Excavated Areas
- ▨ Active Pond
- ▨ Inactive Pond
- ⊔ NERT Site Boundary
- Site Features (Buildings and Tanks)
- Former Beta Ditch
- Former Northwest Ditch
- Former Siphon Pipe Inlet Pond
- Subsurface Pipe

The color of each grid cell is based on the maximum concentration of all samples located within that grid cell.





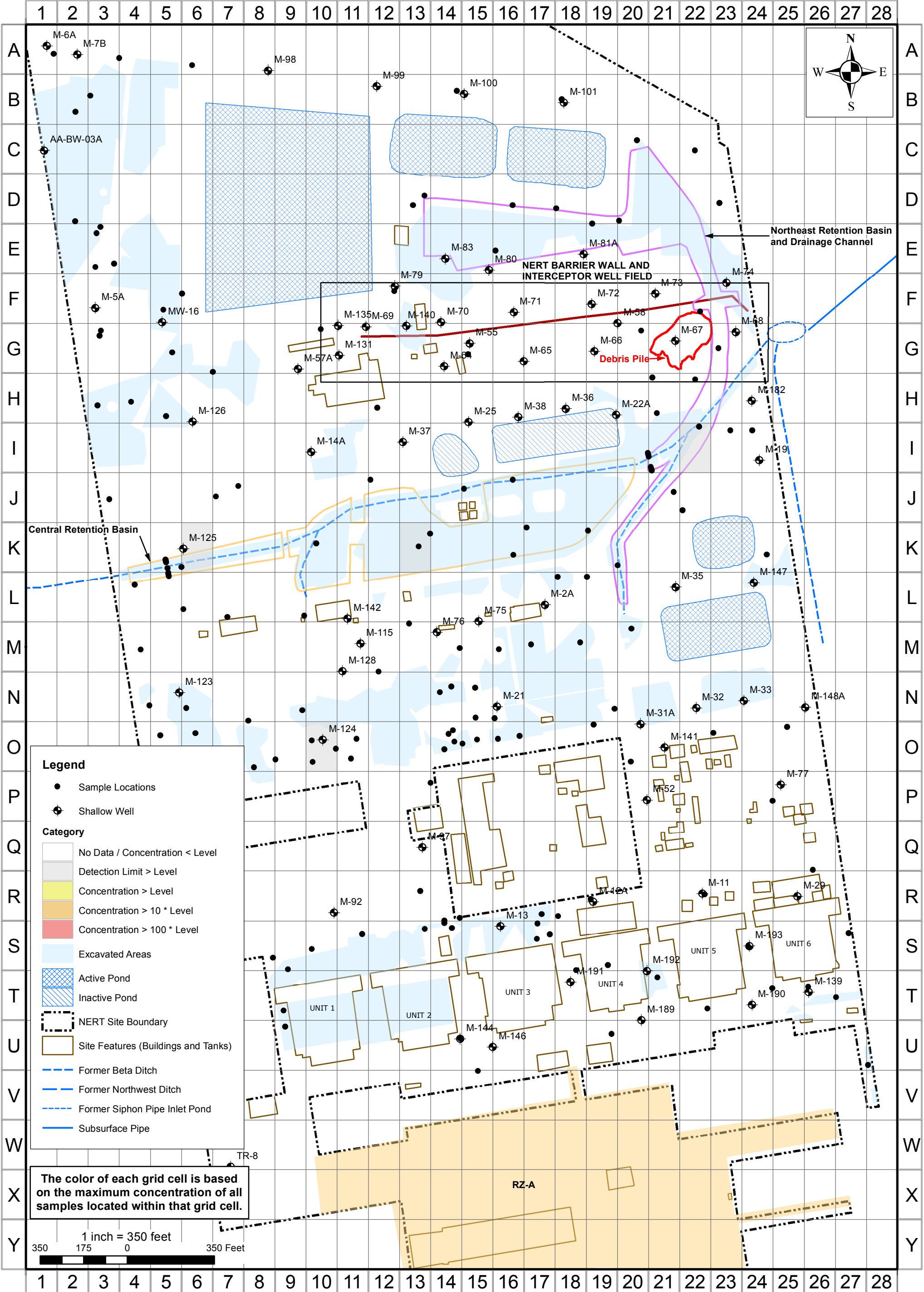




**BENZO(A)PYRENE SOIL CONCENTRATIONS >400 µg/kg, 0-10 FEET BGS**  
**RI Evaluation**

Nevada Environmental Response Trust Site  
Henderson, Nevada

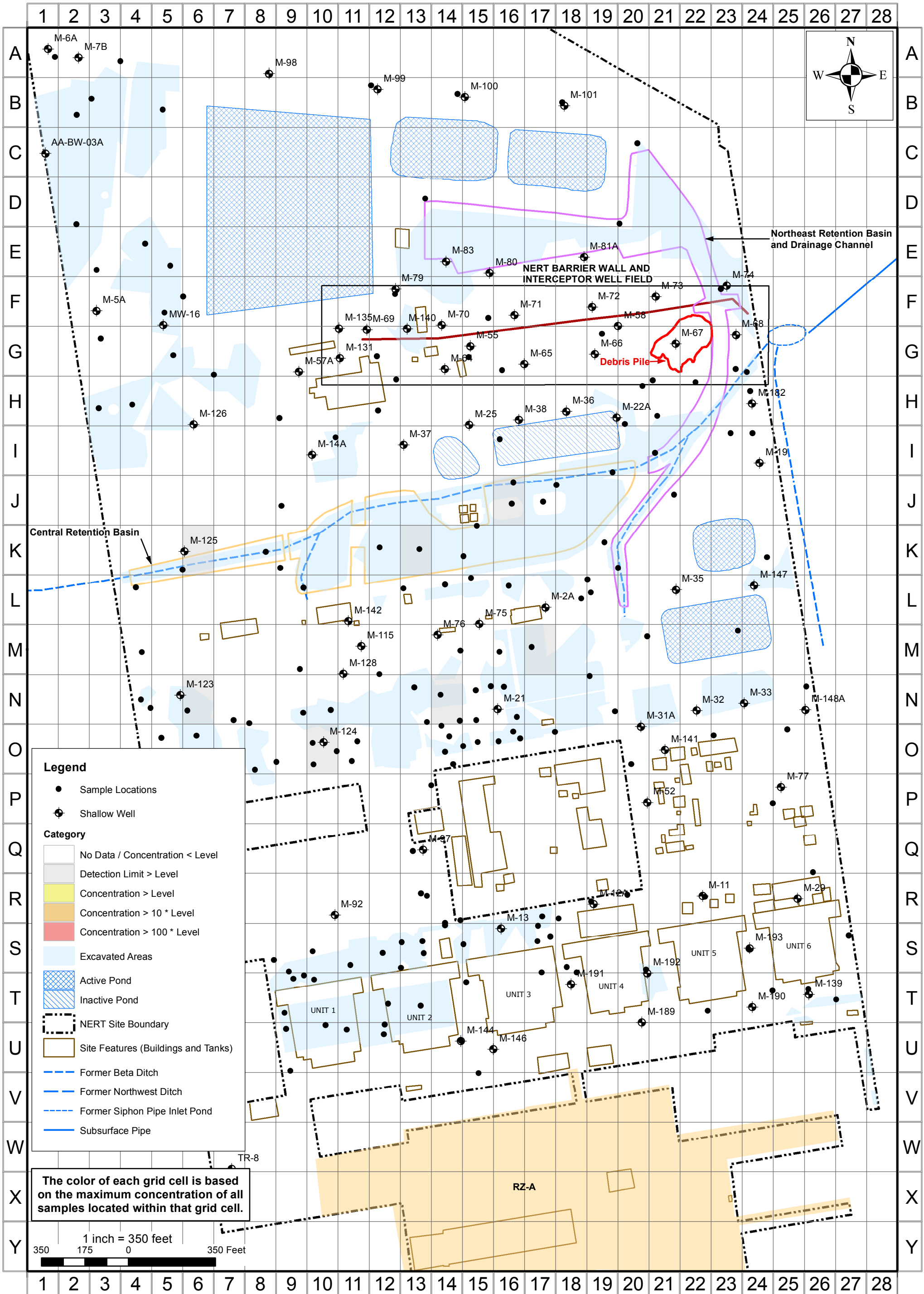
FIGURE  
**C-133**



**BENZO(A)PYRENE SOIL CONCENTRATIONS >400 µg/kg, 10-20 FEET BGS**  
**RI Evaluation**

Nevada Environmental Response Trust Site  
Henderson, Nevada

FIGURE  
**C-134**

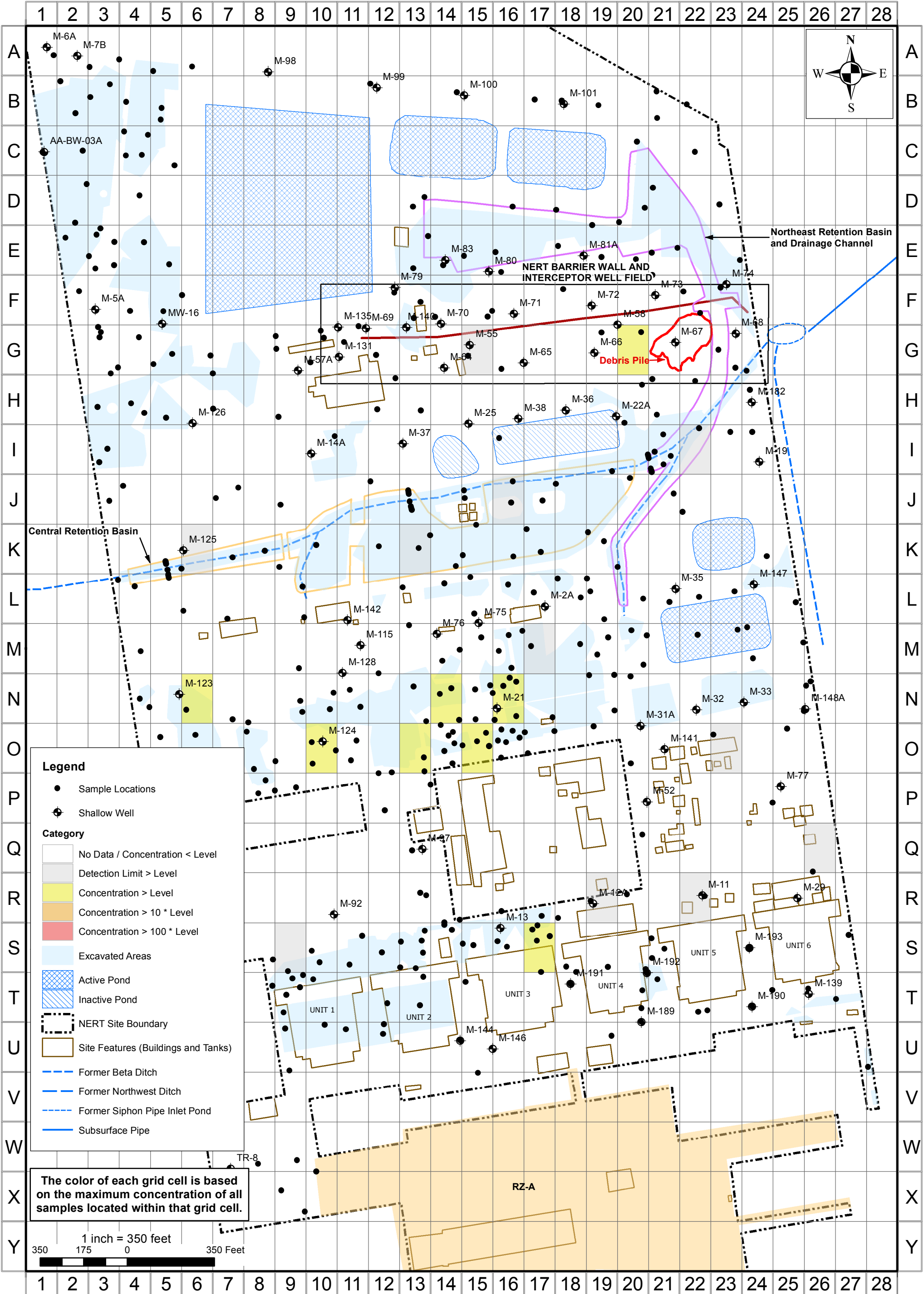


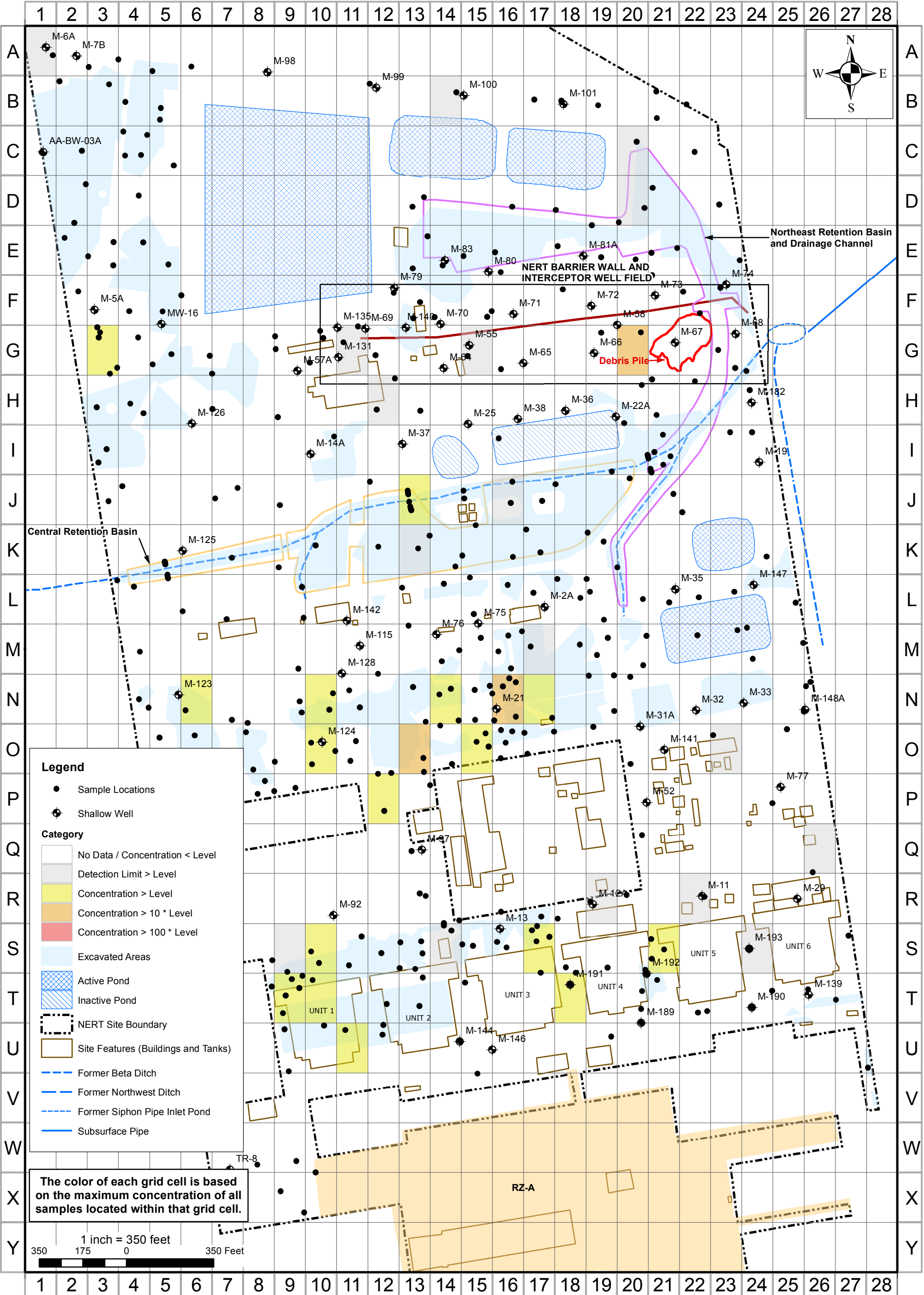
**BENZO(A)PYRENE SOIL CONCENTRATIONS >400 µg/kg, 20-30 FEET BGS**  
**RI Evaluation**

Nevada Environmental Response Trust Site  
Henderson, Nevada

FIGURE  
**C-135**







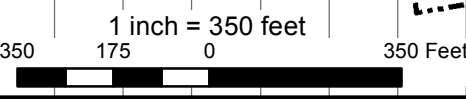
**Legend**

- Sample Locations
- ⊕ Shallow Well

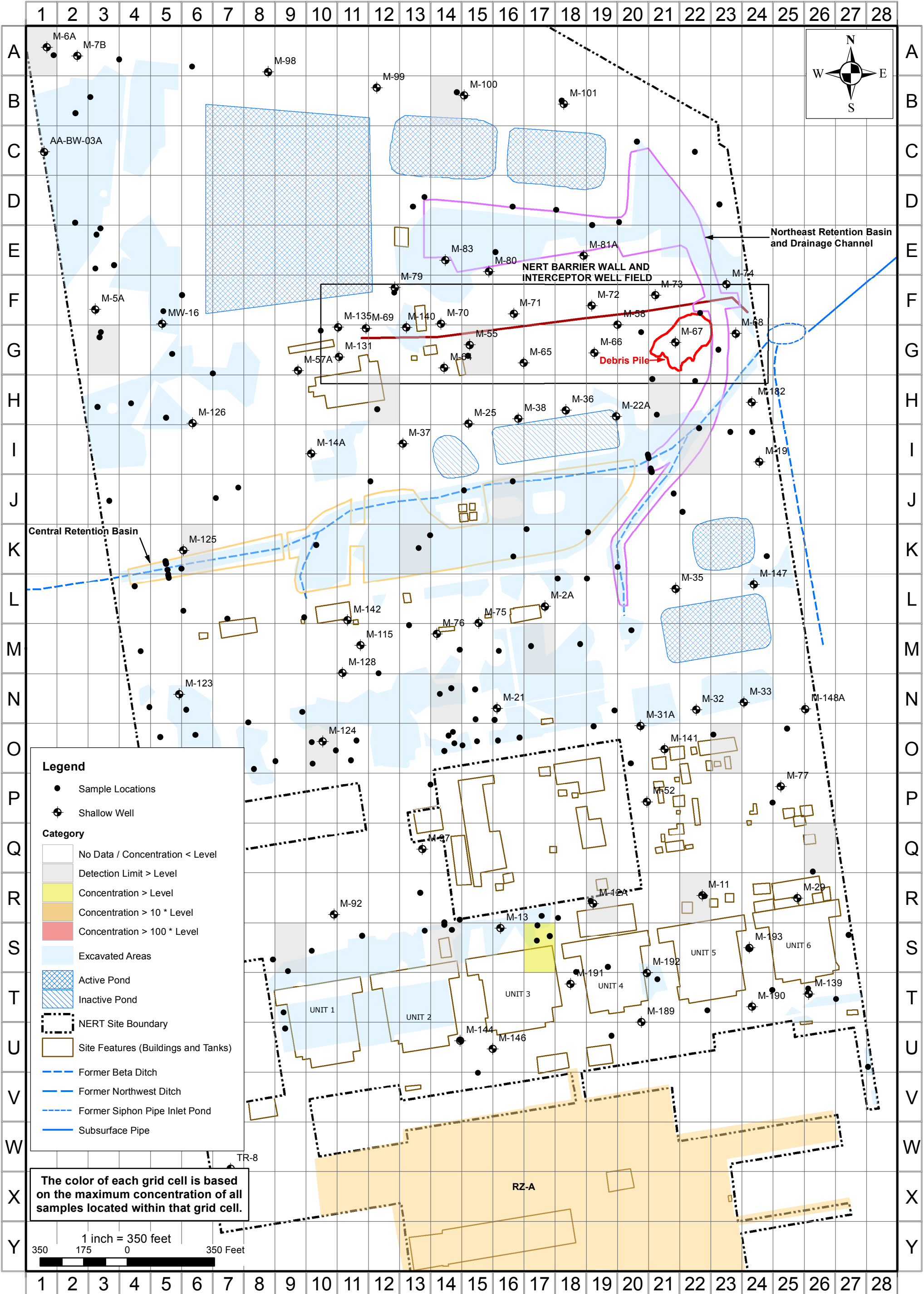
**Category**

- No Data / Concentration < Level
- Detection Limit > Level
- Concentration > Level
- Concentration > 10 \* Level
- Concentration > 100 \* Level
- Excavated Areas
- ▨ Active Pond
- ▨ Inactive Pond
- ⋯ NERT Site Boundary
- Site Features (Buildings and Tanks)
- Former Beta Ditch
- Former Northwest Ditch
- Former Siphon Pipe Inlet Pond
- Subsurface Pipe

The color of each grid cell is based on the maximum concentration of all samples located within that grid cell.



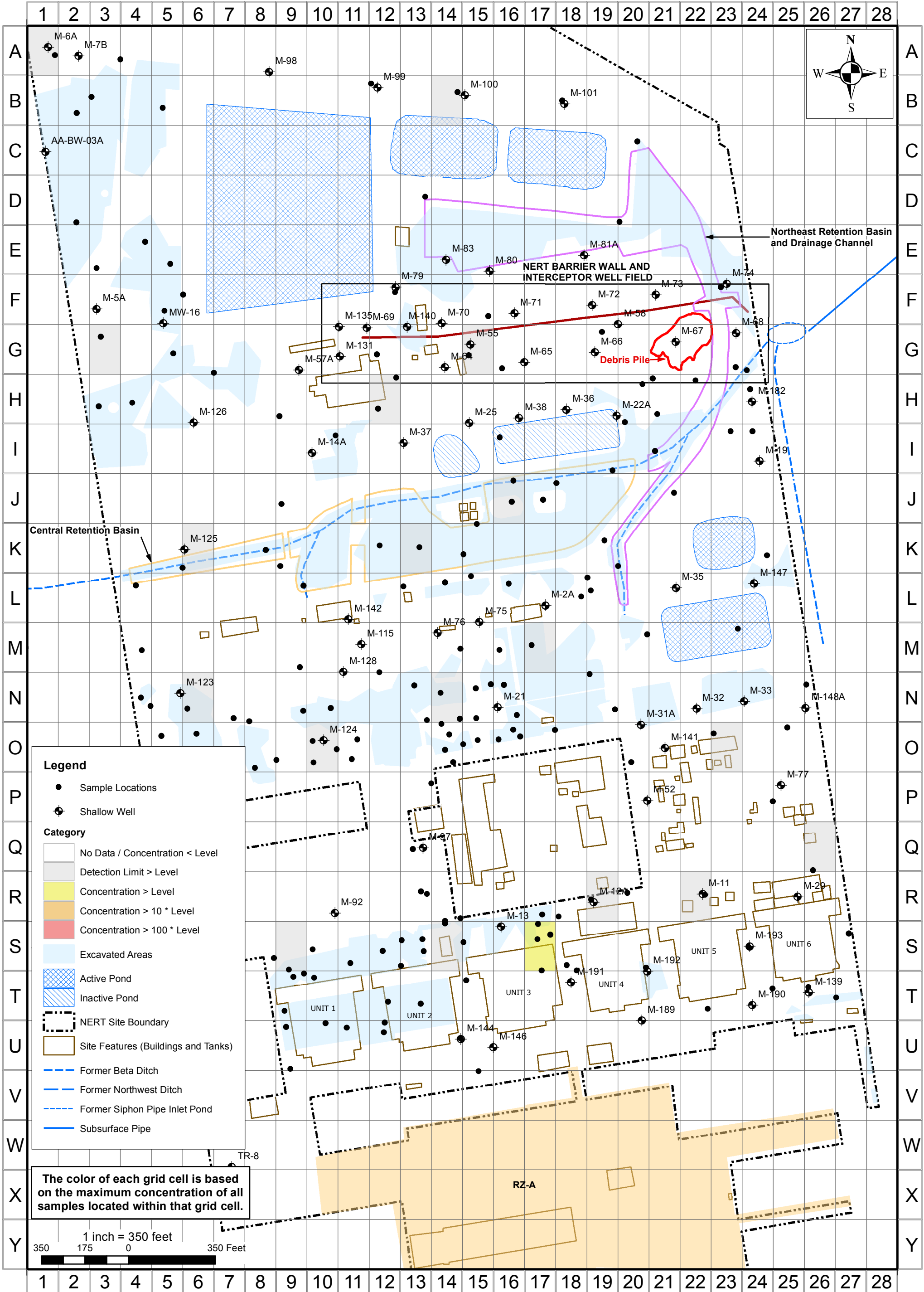




**BENZO(B)FLUORANTHENE SOIL CONCENTRATIONS > 200 µg/kg, 10-20 FEET BGS**  
**RI Evaluation**

Nevada Environmental Response Trust Site

FIGURE  
**C-138**



**BENZO(B)FLUORANTHENE SOIL CONCENTRATIONS > 200 µg/kg, 20-30 FEET BGS**  
**RI Evaluation**

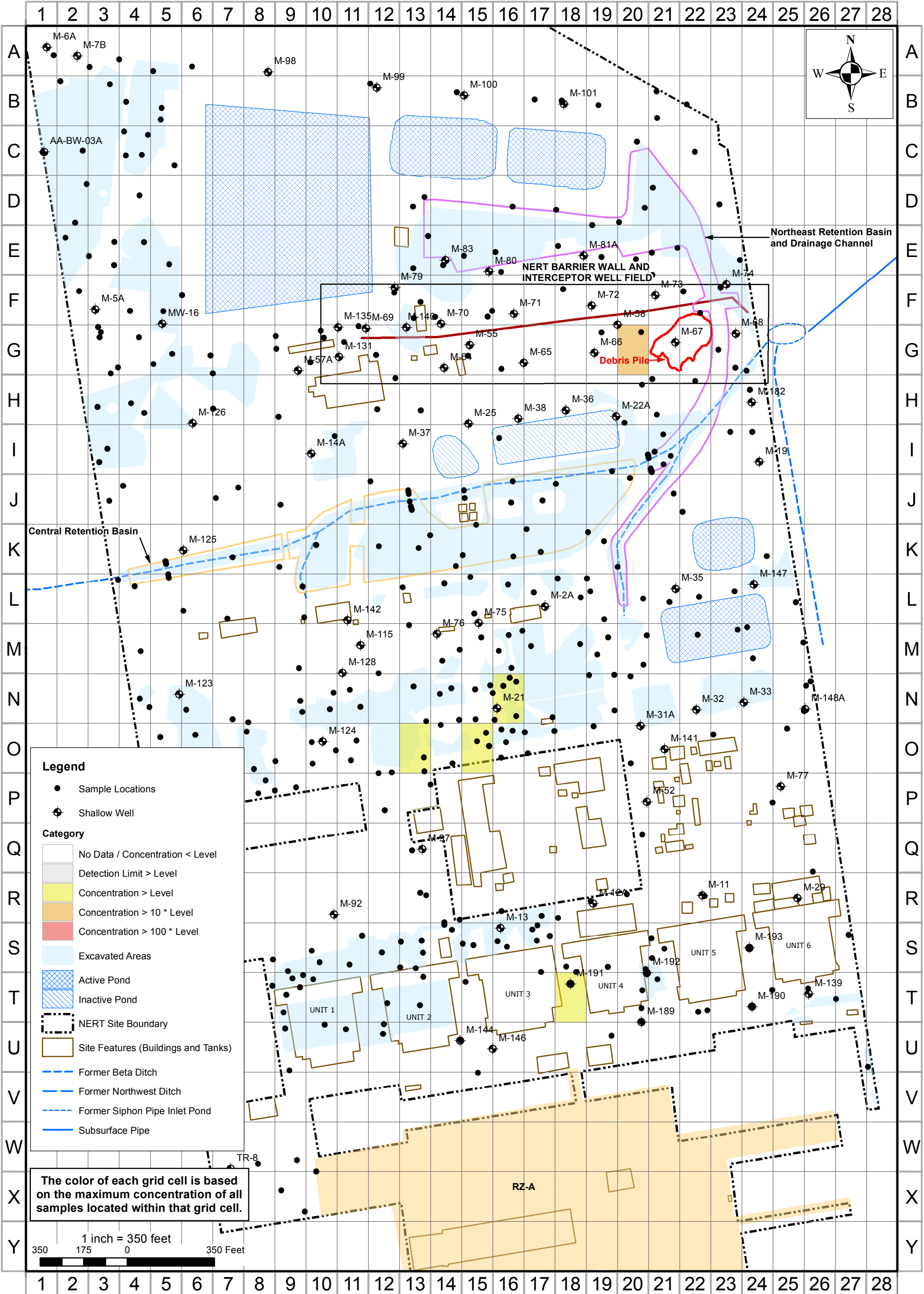
Nevada Environmental Response Trust Site

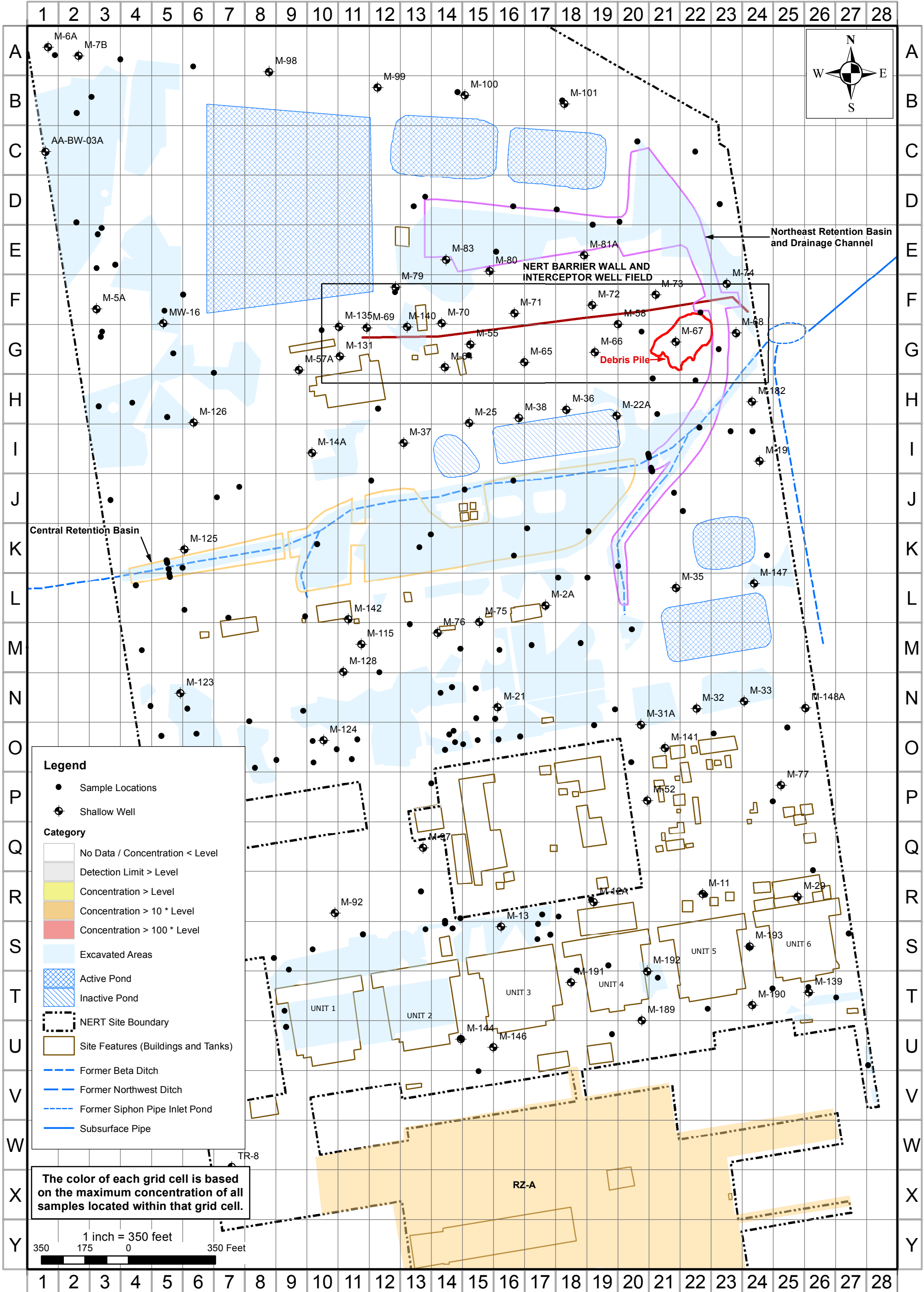
FIGURE  
**C-139**

21-38800C

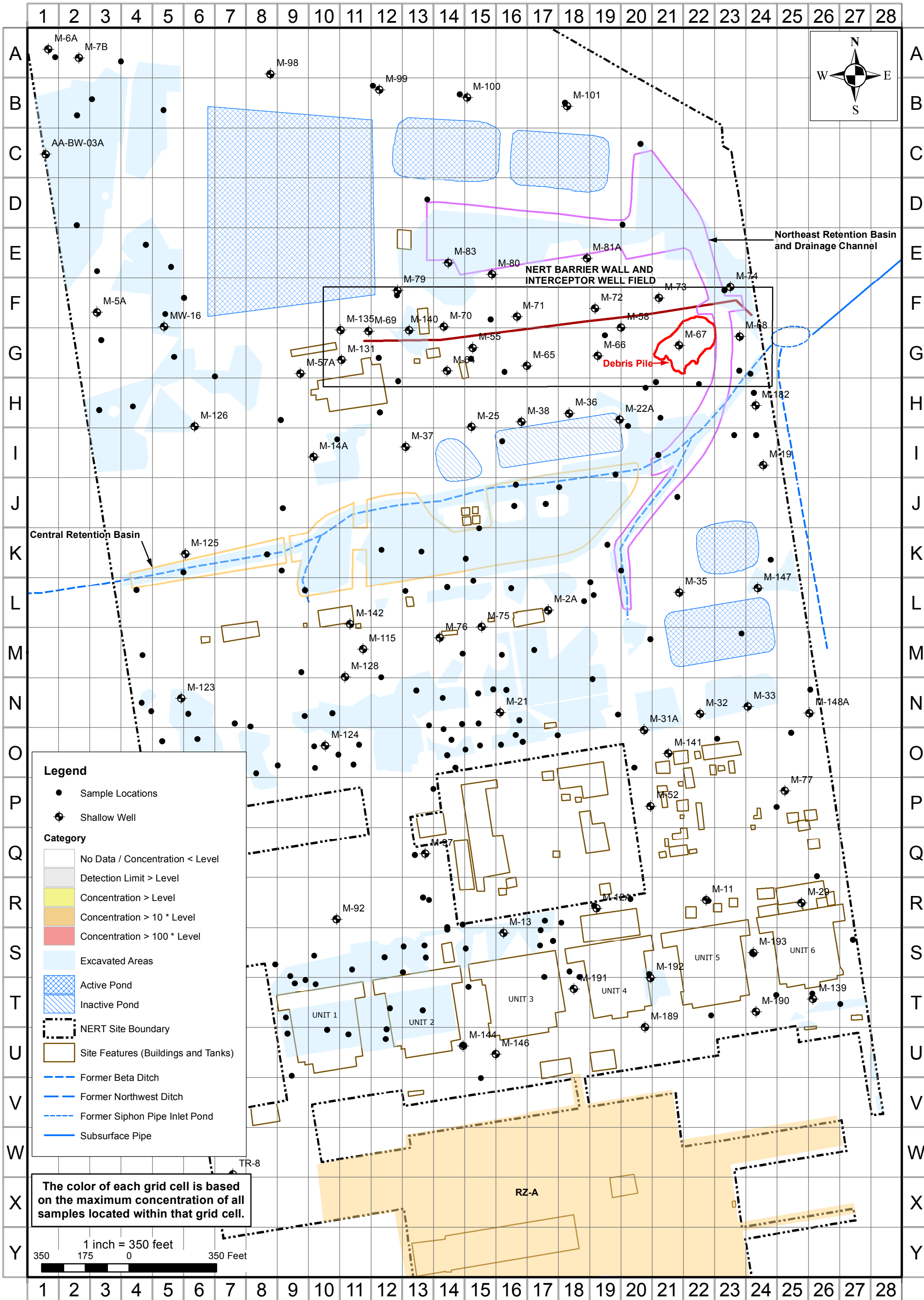


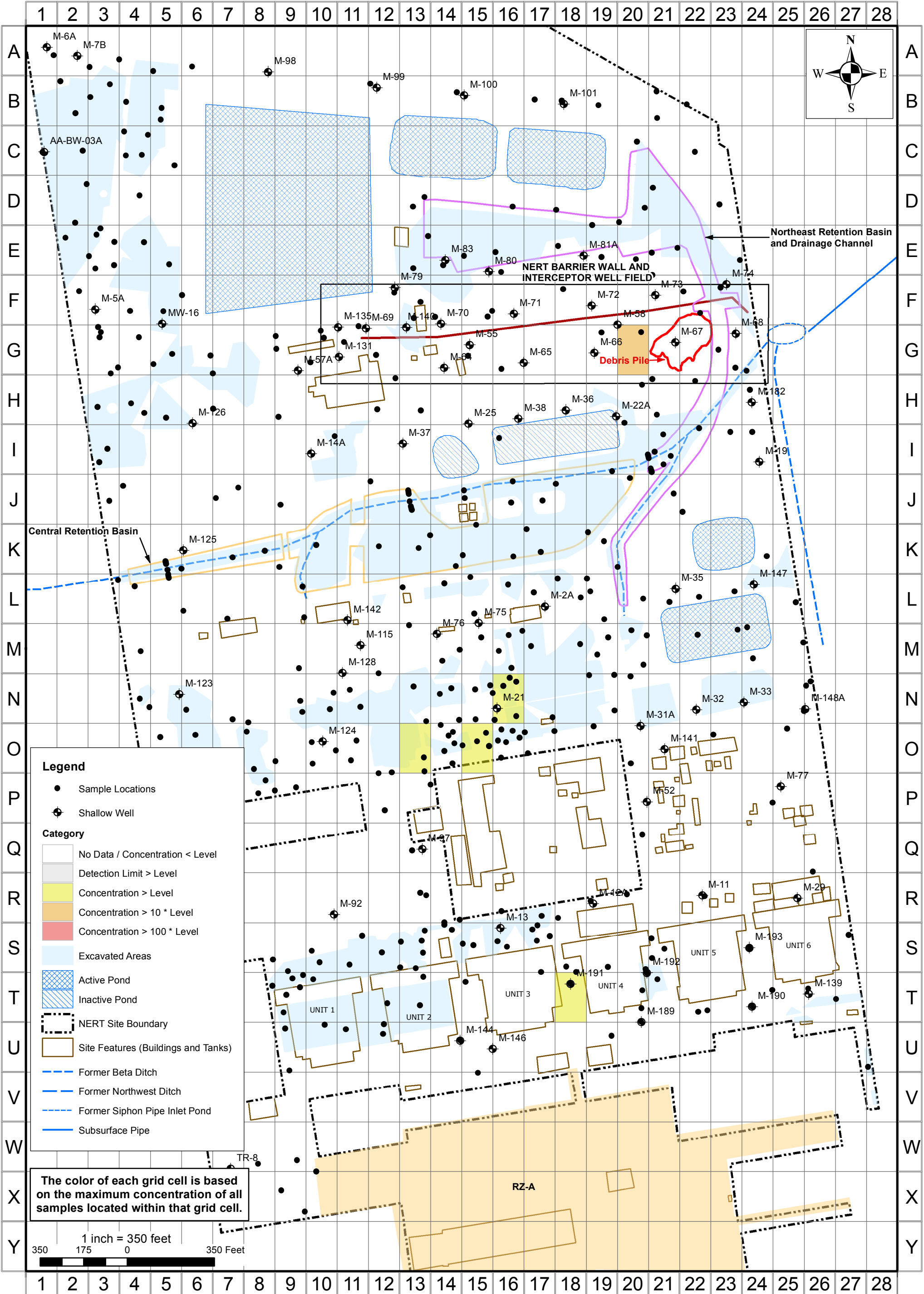










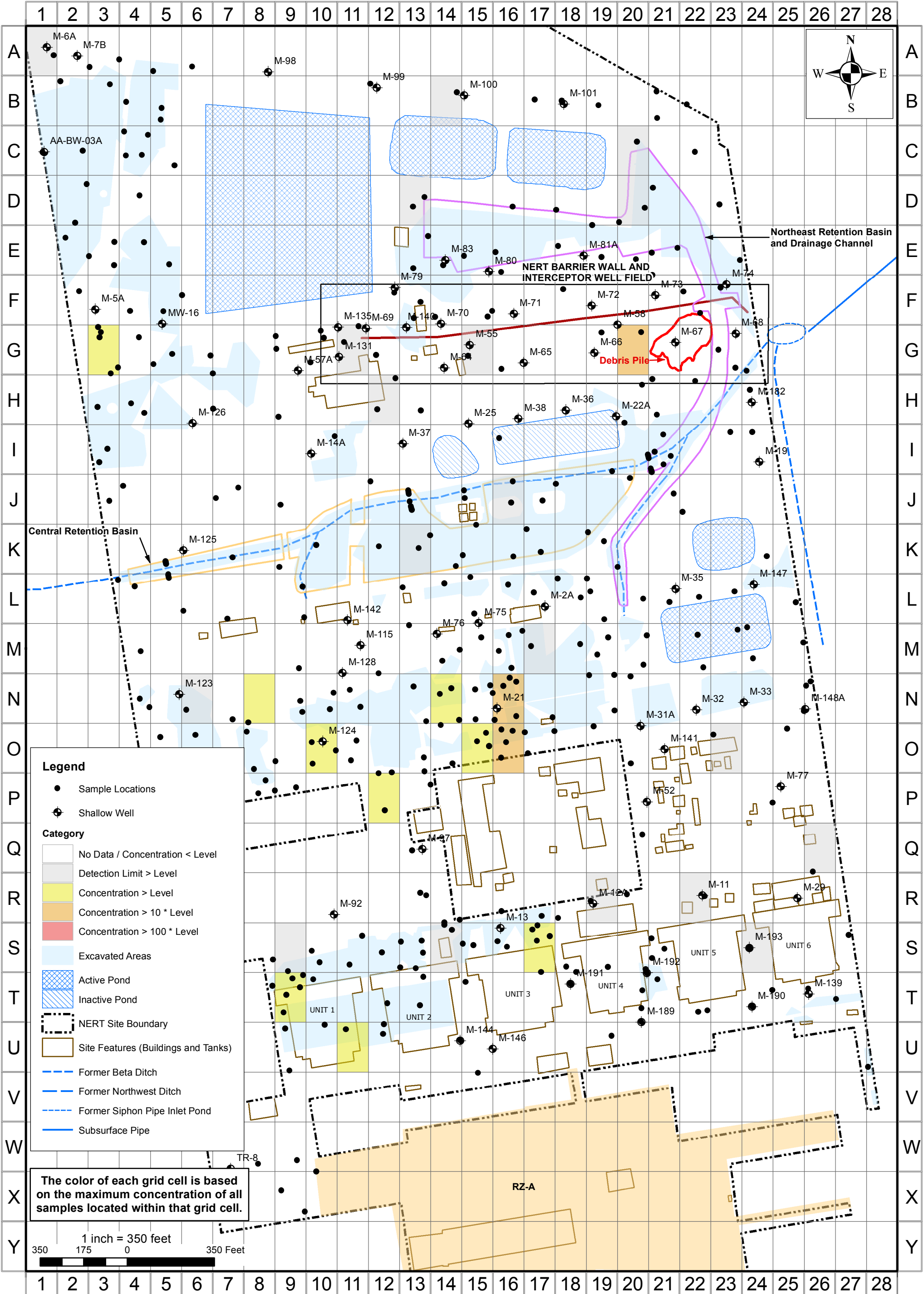


**INDENO(1,2,3-CD)PYRENE SOIL CONCENTRATIONS >700 µg/kg, ALL DEPTHS**  
**RI Evaluation**

Nevada Environmental Response Trust Site

FIGURE  
**C-144**

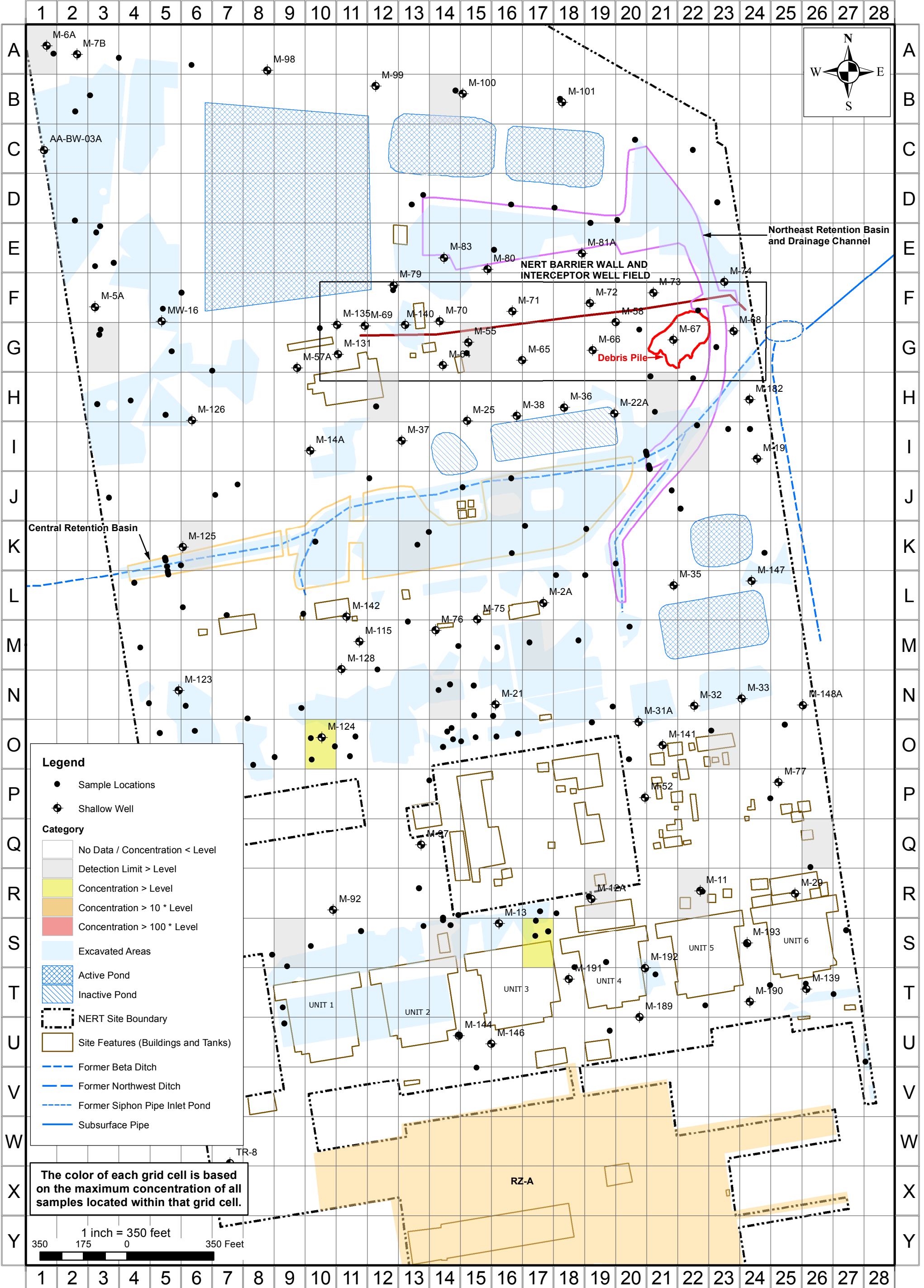




**PHENANTHRENE SOIL CONCENTRATIONS >140 µg/kg, 0-10 FEET BGS**  
**RI Evaluation**

Nevada Environmental Response Trust Site  
Henderson, Nevada

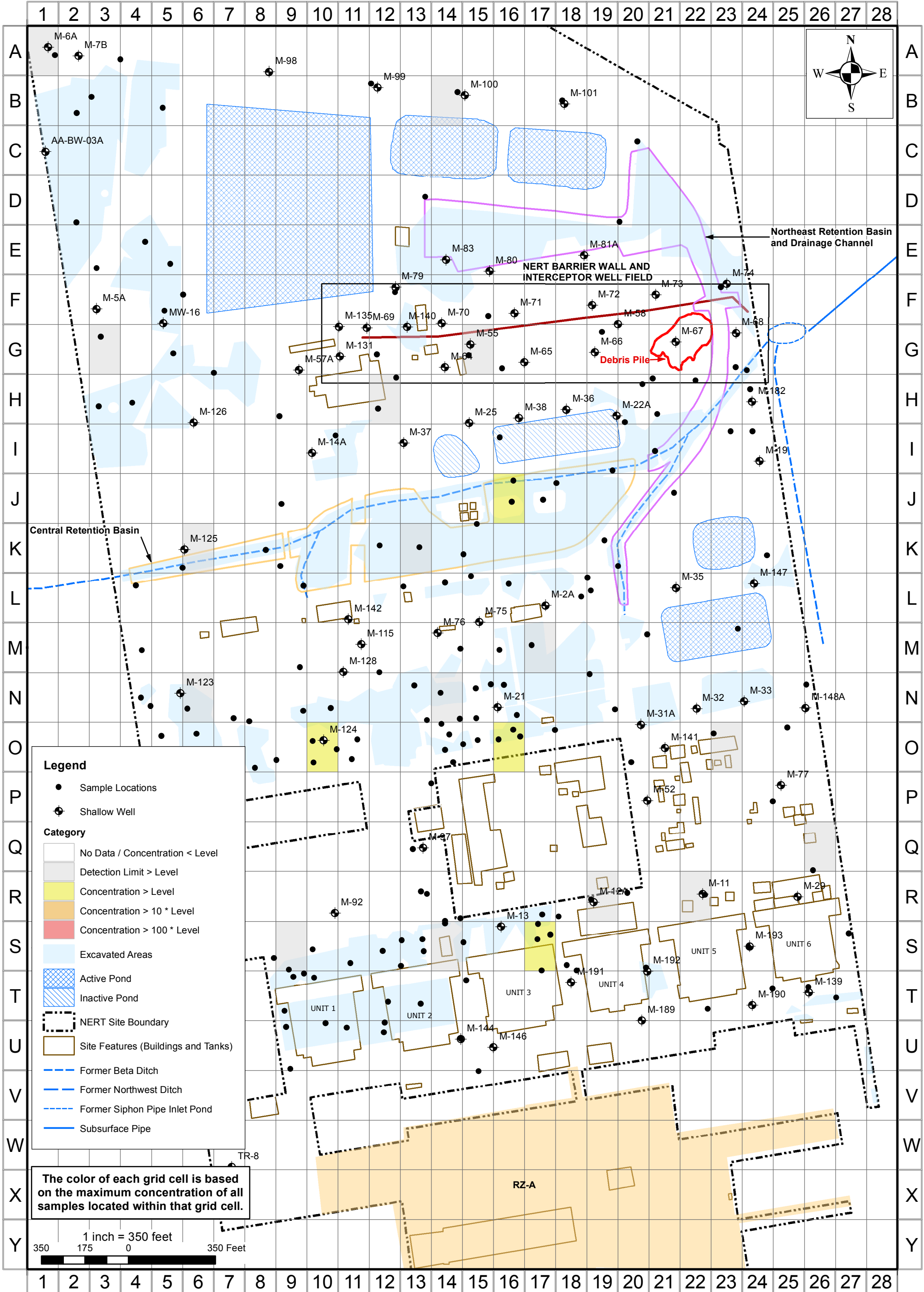
FIGURE  
**C-145**



**PHENANTHRENE SOIL CONCENTRATIONS >140 µg/kg, 10-20 FEET BGS**  
**RI Evaluation**

Nevada Environmental Response Trust Site  
Henderson, Nevada

FIGURE  
**C-146**

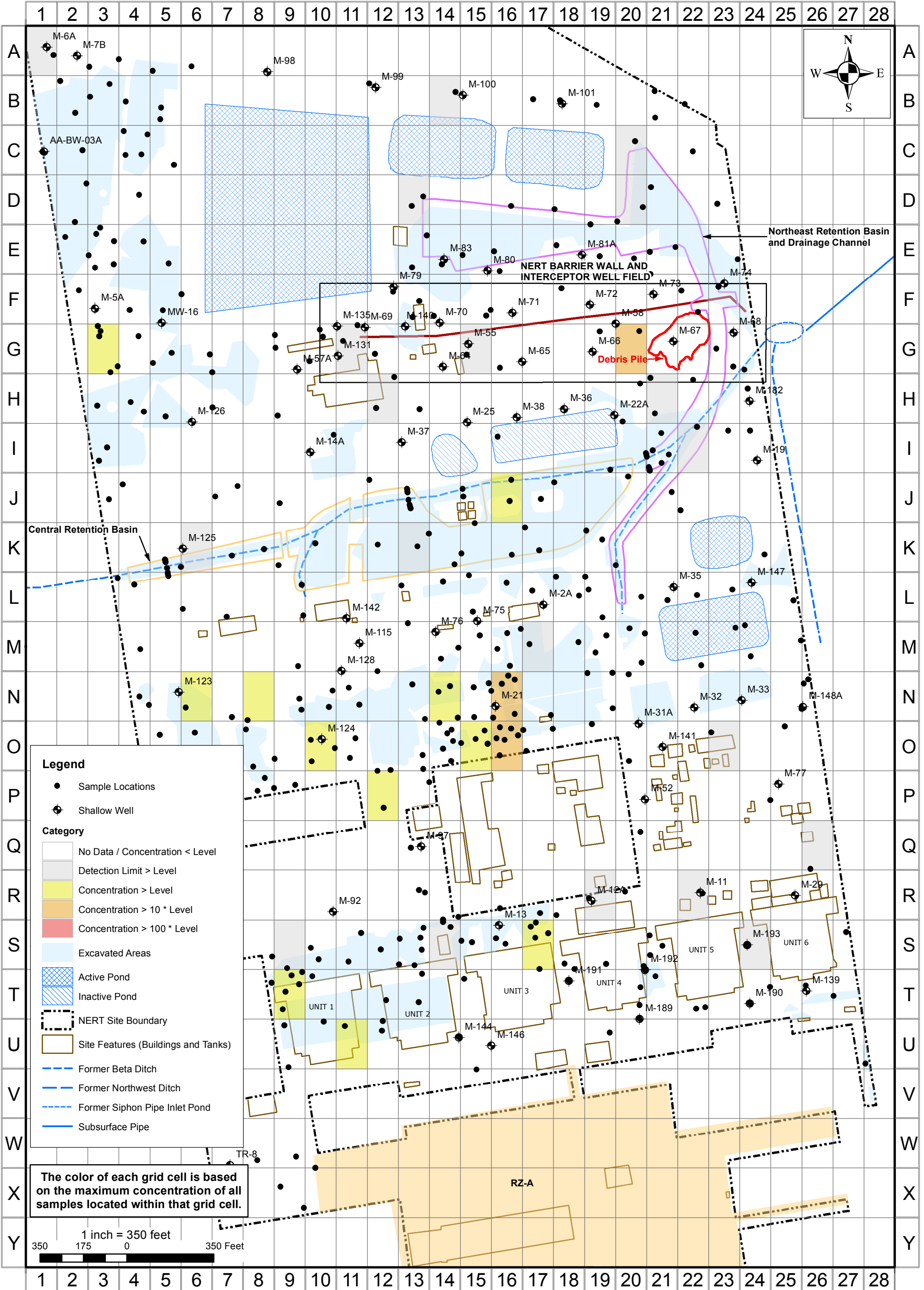


**PHENANTHRENE SOIL CONCENTRATIONS >140 µg/kg, 20-30 FEET BGS**  
**RI Evaluation**

Nevada Environmental Response Trust Site  
Henderson, Nevada

FIGURE  
**C-147**





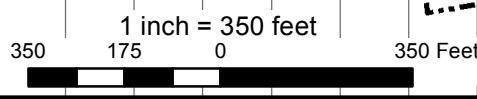
**Legend**

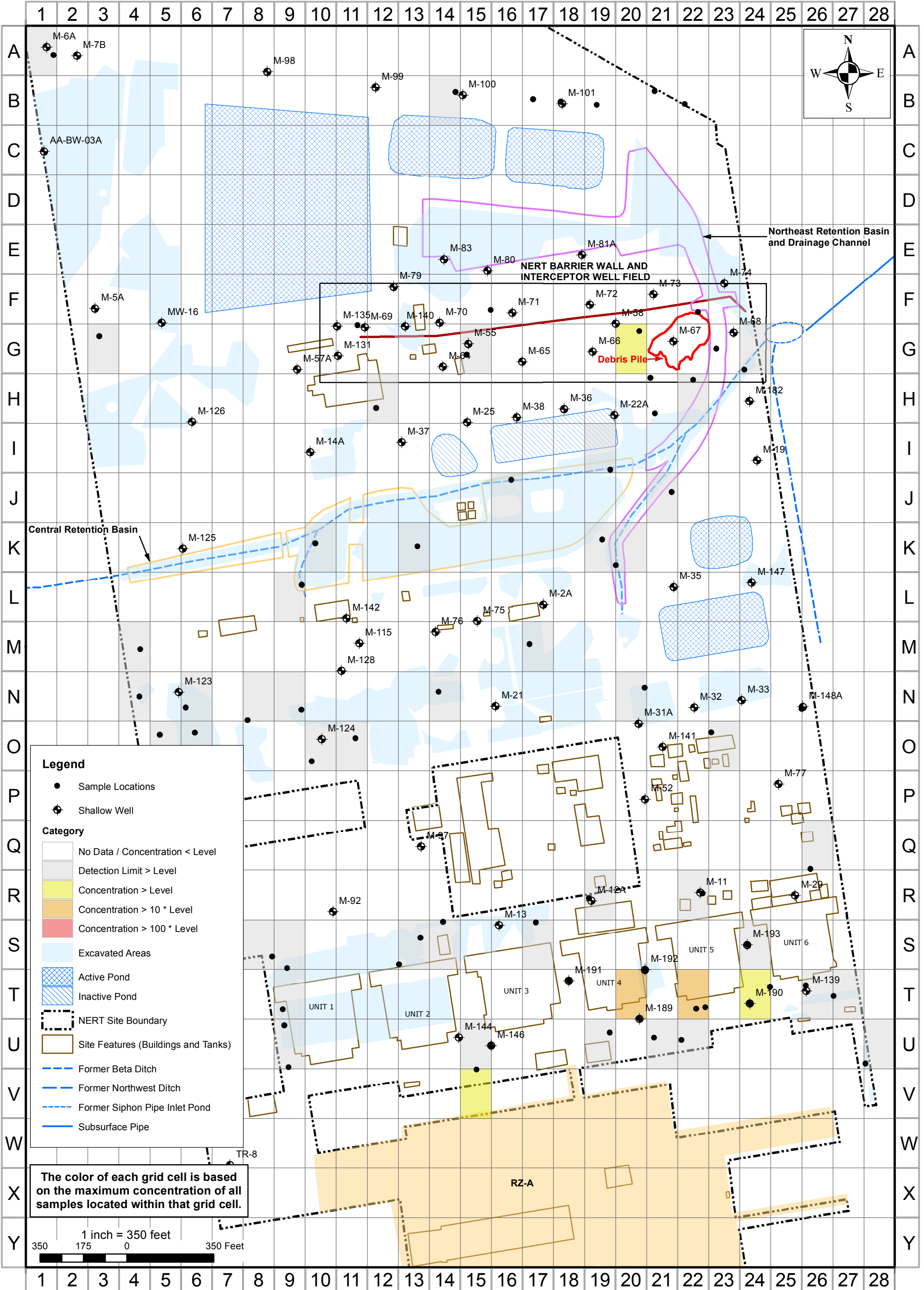
- Sample Locations
- ⊕ Shallow Well

**Category**

- No Data / Concentration < Level
- Detection Limit > Level
- Concentration > Level
- Concentration > 10 \* Level
- Concentration > 100 \* Level
- Excavated Areas
- ▨ Active Pond
- ▧ Inactive Pond
- ⋯ NERT Site Boundary
- Site Features (Buildings and Tanks)
- Former Beta Ditch
- Former Northwest Ditch
- Former Siphon Pipe Inlet Pond
- Subsurface Pipe

The color of each grid cell is based on the maximum concentration of all samples located within that grid cell.

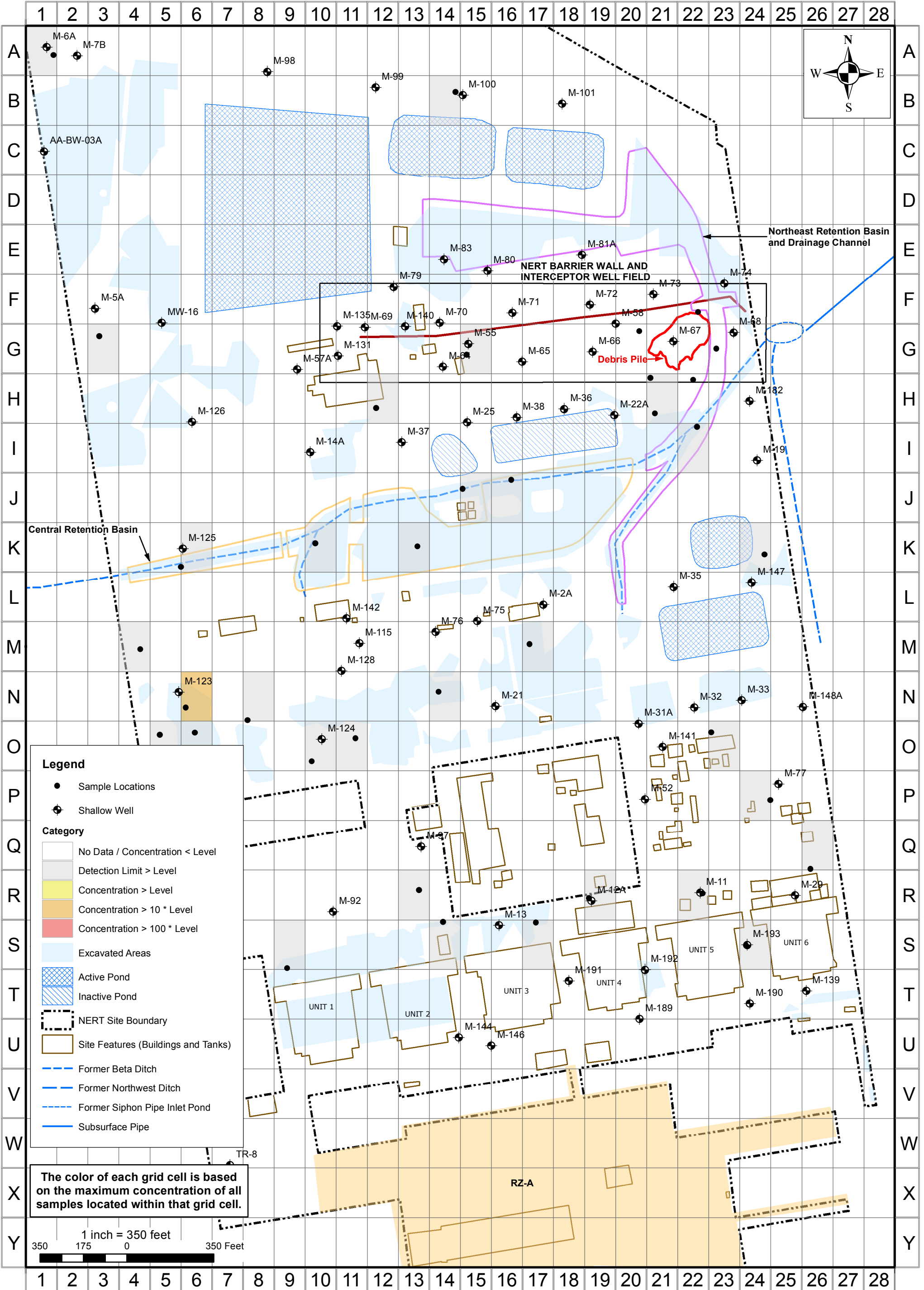




**AROCLOR-1260 SOIL CONCENTRATIONS >27 µg/kg, 0-10 FEET BGS  
RI Evaluation**

Nevada Environmental Response Trust Site  
Henderson, Nevada

FIGURE  
**C-149**

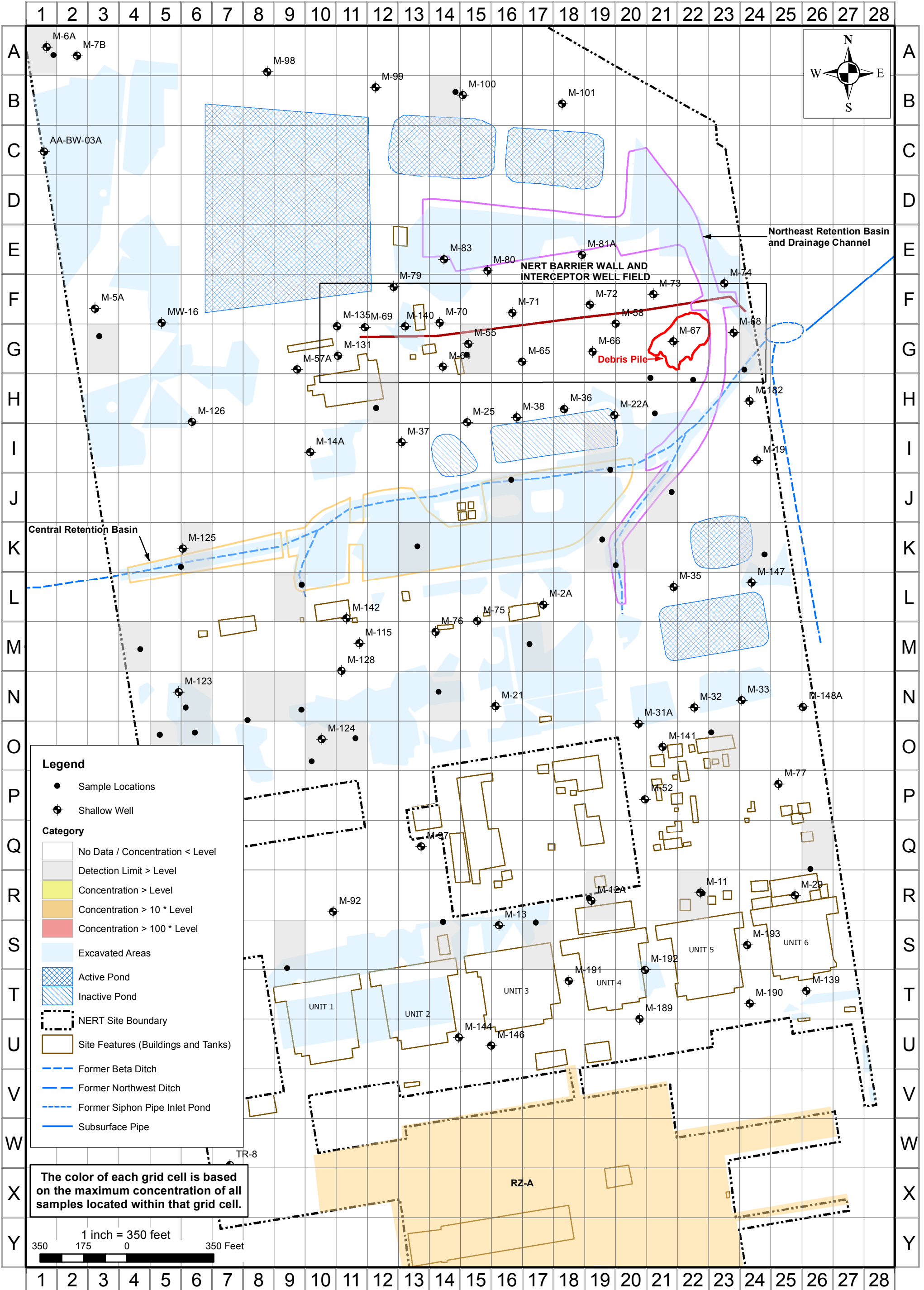


**AROCLOR-1260 SOIL CONCENTRATIONS >27 µg/kg, 10-20 FEET BGS  
RI Evaluation**

Nevada Environmental Response Trust Site  
Henderson, Nevada

FIGURE  
**C-150**

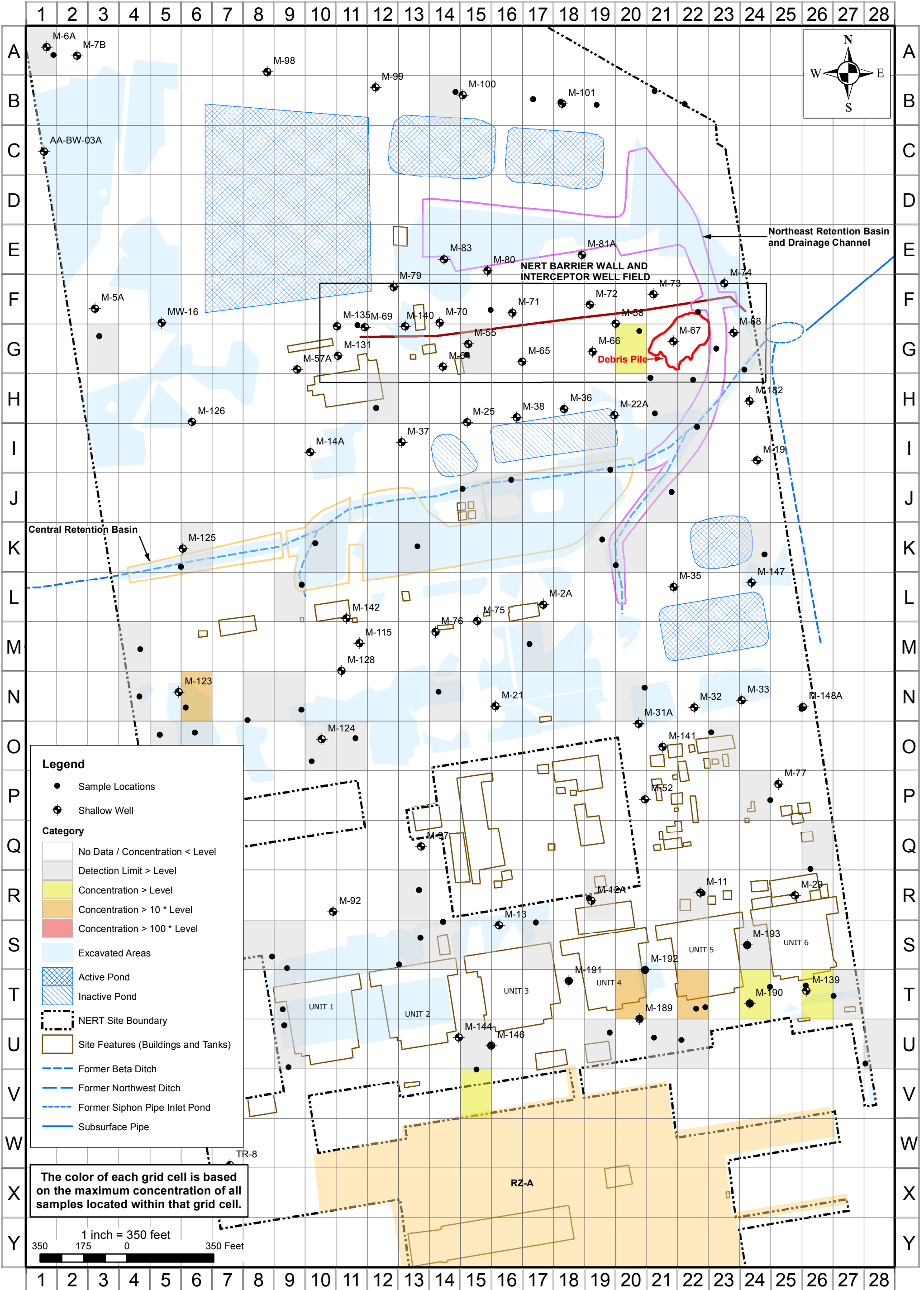




**AROCLOR-1260 SOIL CONCENTRATIONS >27 µg/kg, 20-30 FEET BGS**  
**RI Evaluation**

Nevada Environmental Response Trust Site  
Henderson, Nevada

FIGURE  
**C-151**



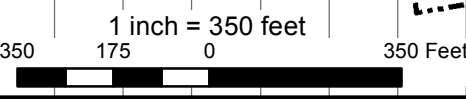
**Legend**

- Sample Locations
- ⊕ Shallow Well

**Category**

- No Data / Concentration < Level
- Detection Limit > Level
- Concentration > Level
- Concentration > 10 \* Level
- Concentration > 100 \* Level
- Excavated Areas
- ▨ Active Pond
- ▨ Inactive Pond
- ⊞ NERT Site Boundary
- Site Features (Buildings and Tanks)
- Former Beta Ditch
- Former Northwest Ditch
- Former Siphon Pipe Inlet Pond
- Subsurface Pipe

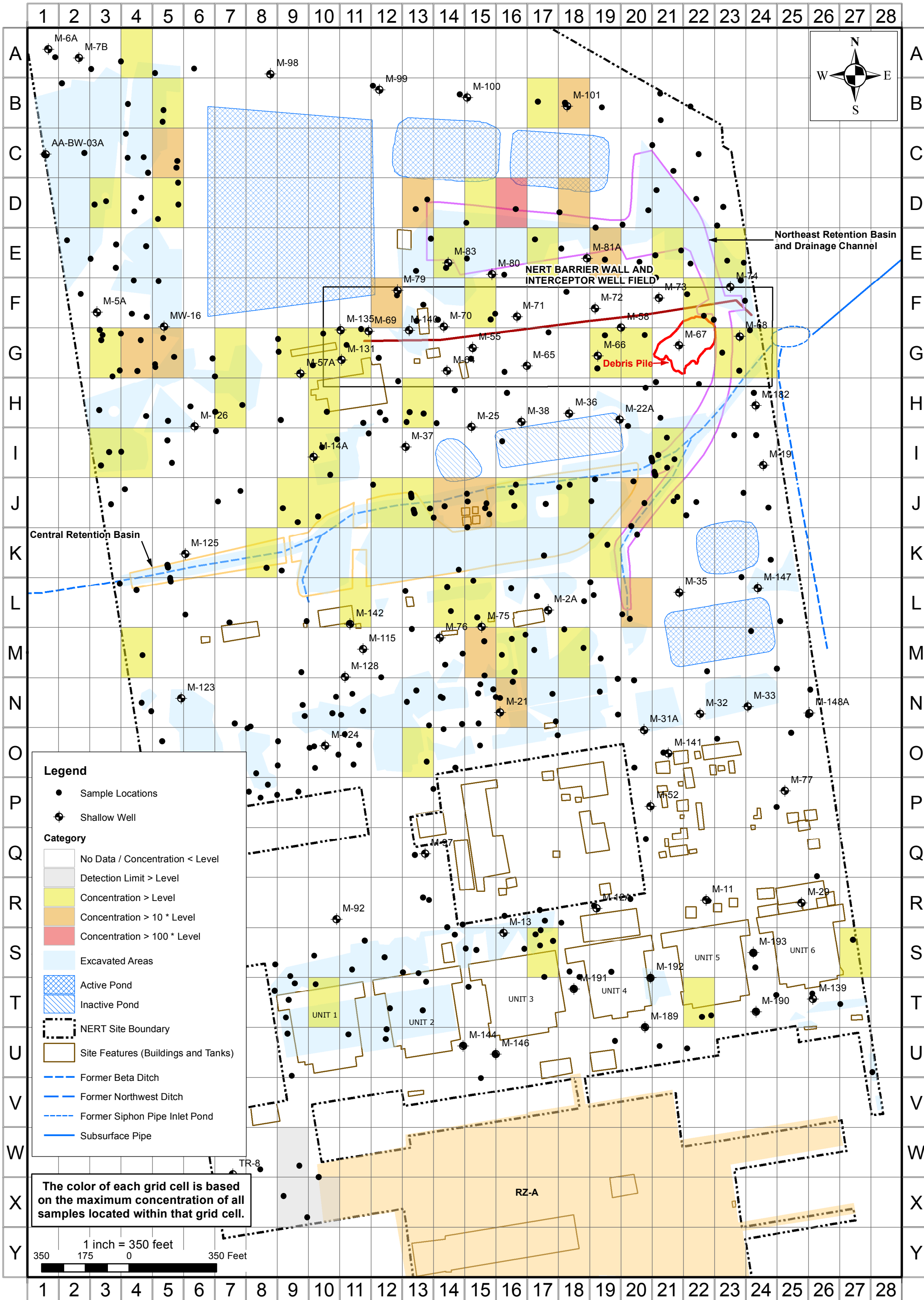
The color of each grid cell is based on the maximum concentration of all samples located within that grid cell.



**AROCLOR-1260 SOIL CONCENTRATIONS >27 µg/kg, ALL DEPTHS**  
**RI Evaluation**  
 Nevada Environmental Response Trust Site  
 Henderson, Nevada

FIGURE  
**C-152**  
 21-38800C





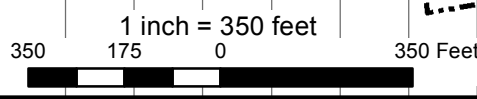
**Legend**

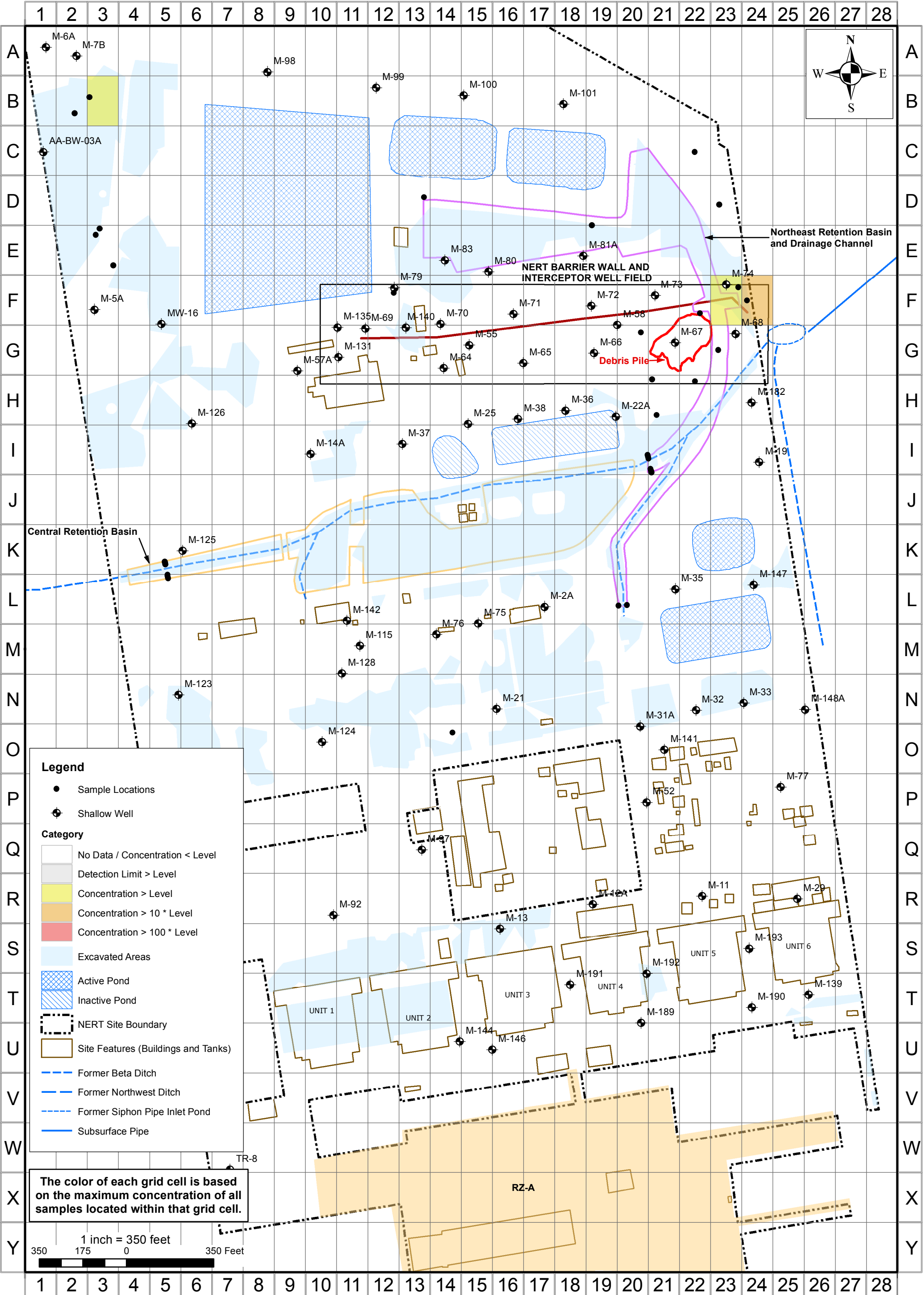
- Sample Locations
- ⊕ Shallow Well

**Category**

- No Data / Concentration < Level
- Detection Limit > Level
- Concentration > Level
- Concentration > 10 \* Level
- Concentration > 100 \* Level
- Excavated Areas
- ▨ Active Pond
- ▨ Inactive Pond
- ⋯ NERT Site Boundary
- Site Features (Buildings and Tanks)
- Former Beta Ditch
- Former Northwest Ditch
- Former Siphon Pipe Inlet Pond
- Subsurface Pipe

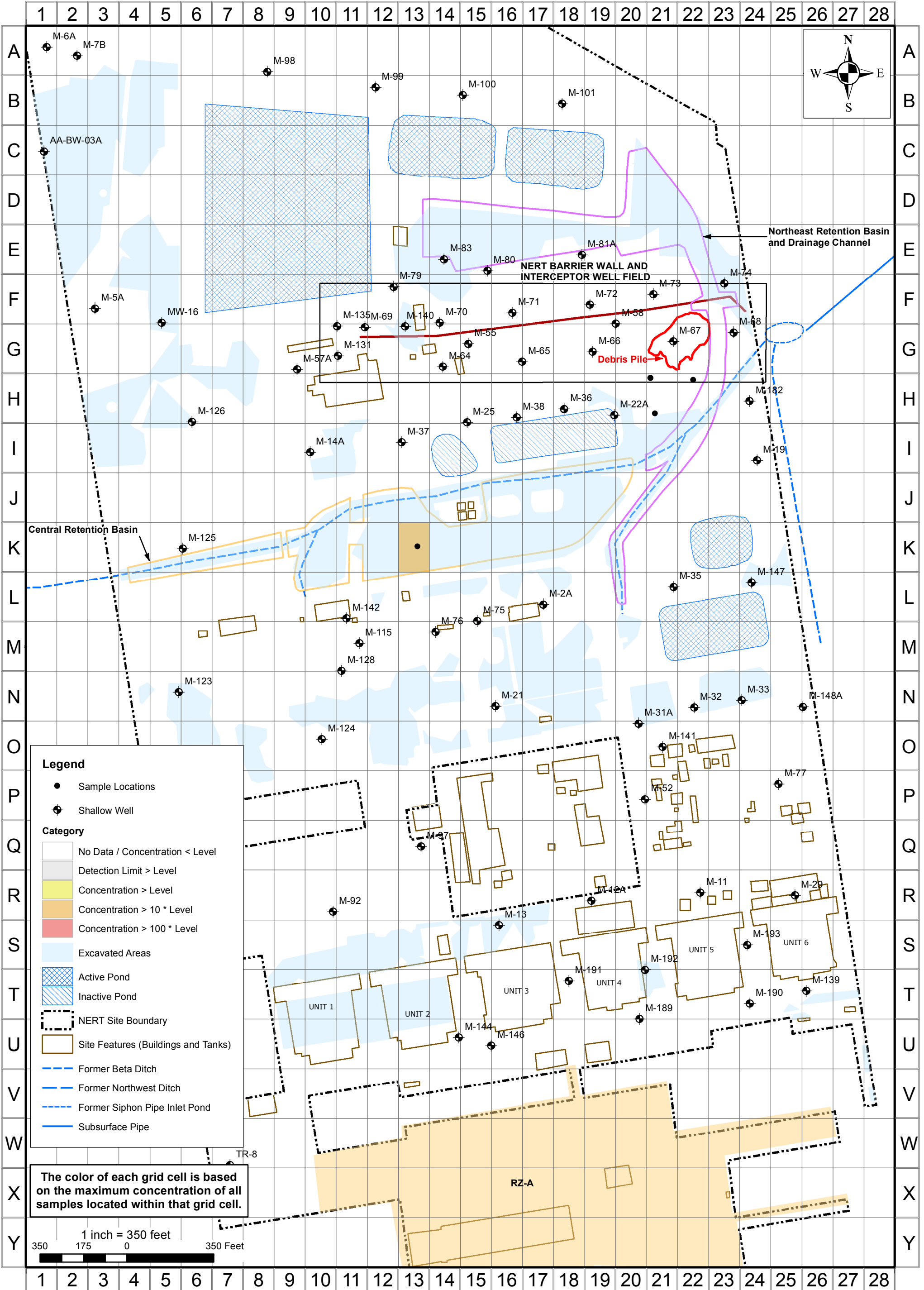
The color of each grid cell is based on the maximum concentration of all samples located within that grid cell.





**2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN SOIL CONCENTRATIONS**  
**>0.015 µg/kg, 10-20 FEET BGS**  
**RI Evaluation**

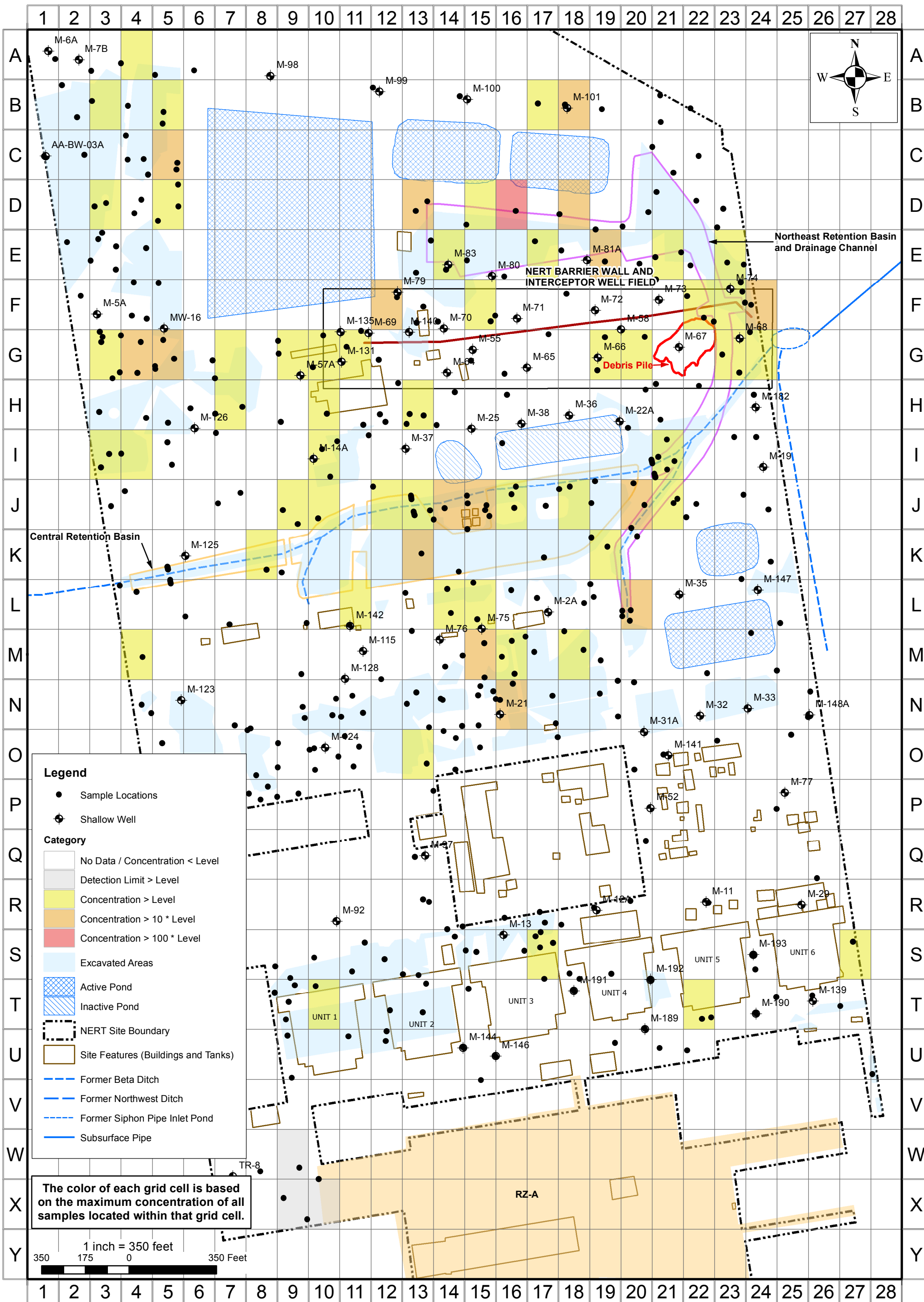
FIGURE  
**C-154**



**2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN SOIL CONCENTRATIONS**  
**>0.015 µg/kg, 20-30 FEET BGS**  
**RI Evaluation**

FIGURE  
**C-155**





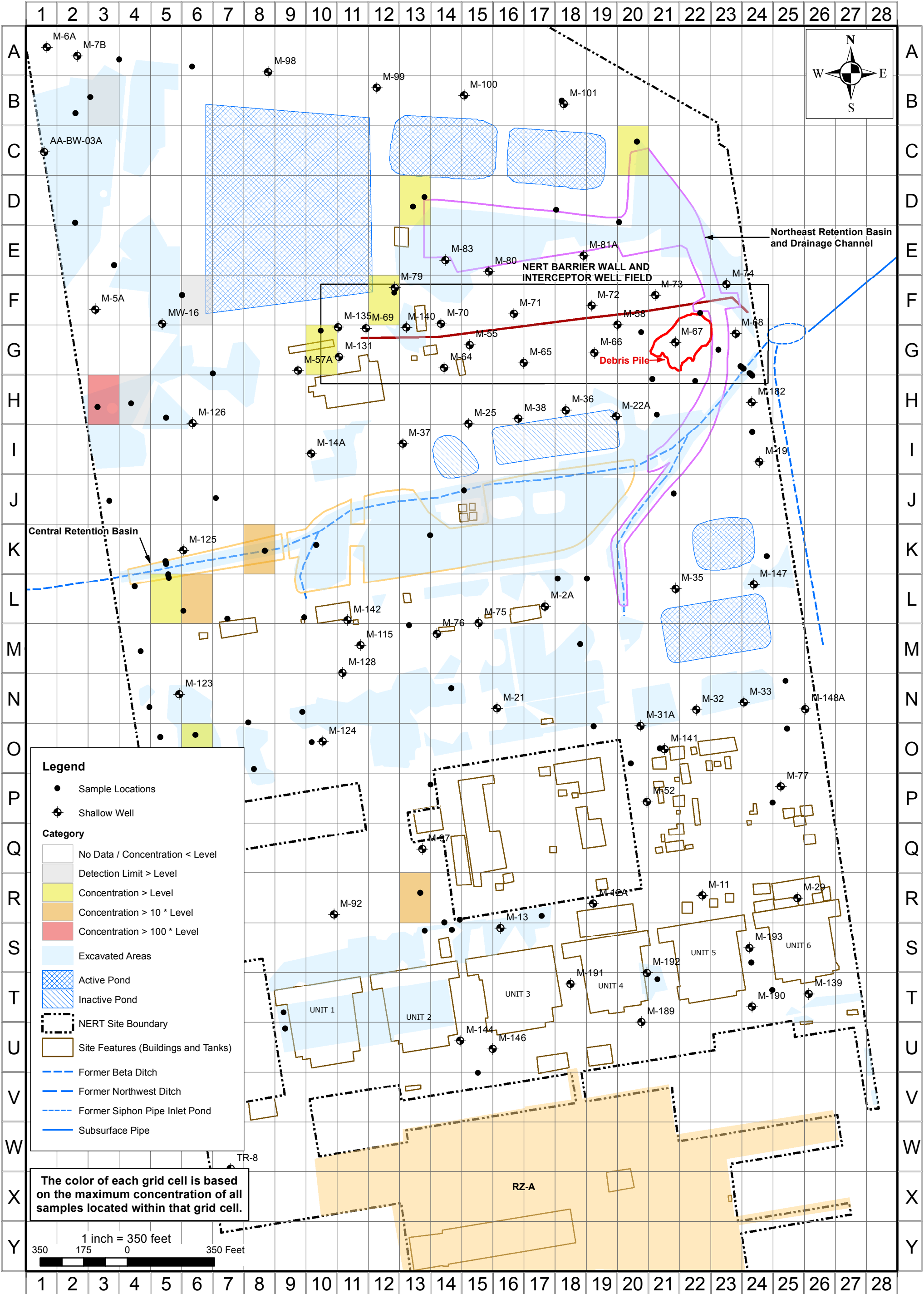


**BETA-BHC SOIL CONCENTRATIONS > 5.45 µg/kg, 0-10 FEET BGS**  
**RI Evaluation**

Nevada Environmental Response Trust Site  
Henderson, Nevada

FIGURE  
**C-157**

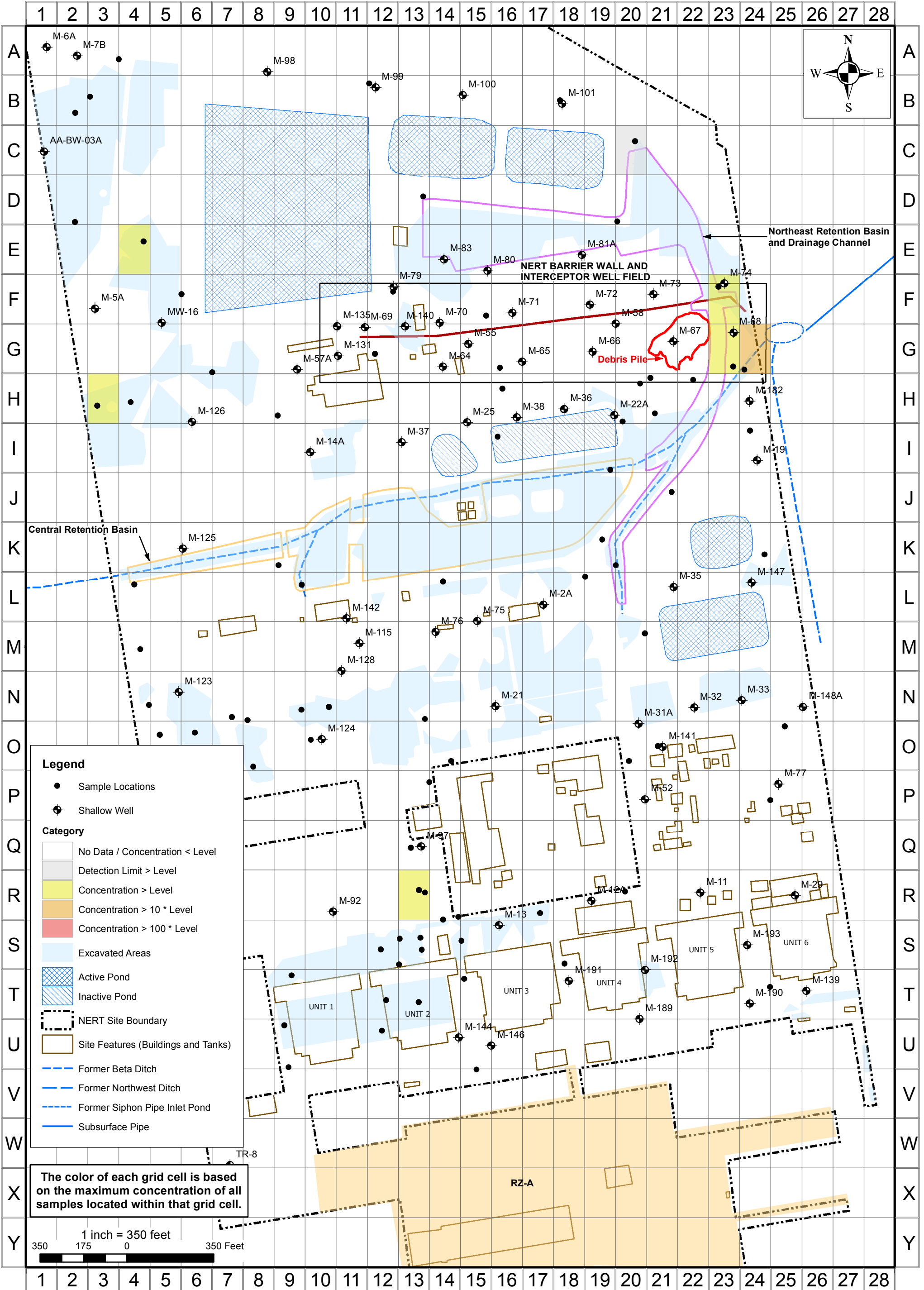




**BETA-BHC SOIL CONCENTRATIONS >5.45 µg/kg, 10-20 FEET BGS  
RI Evaluation**

Nevada Environmental Response Trust Site  
Henderson, Nevada

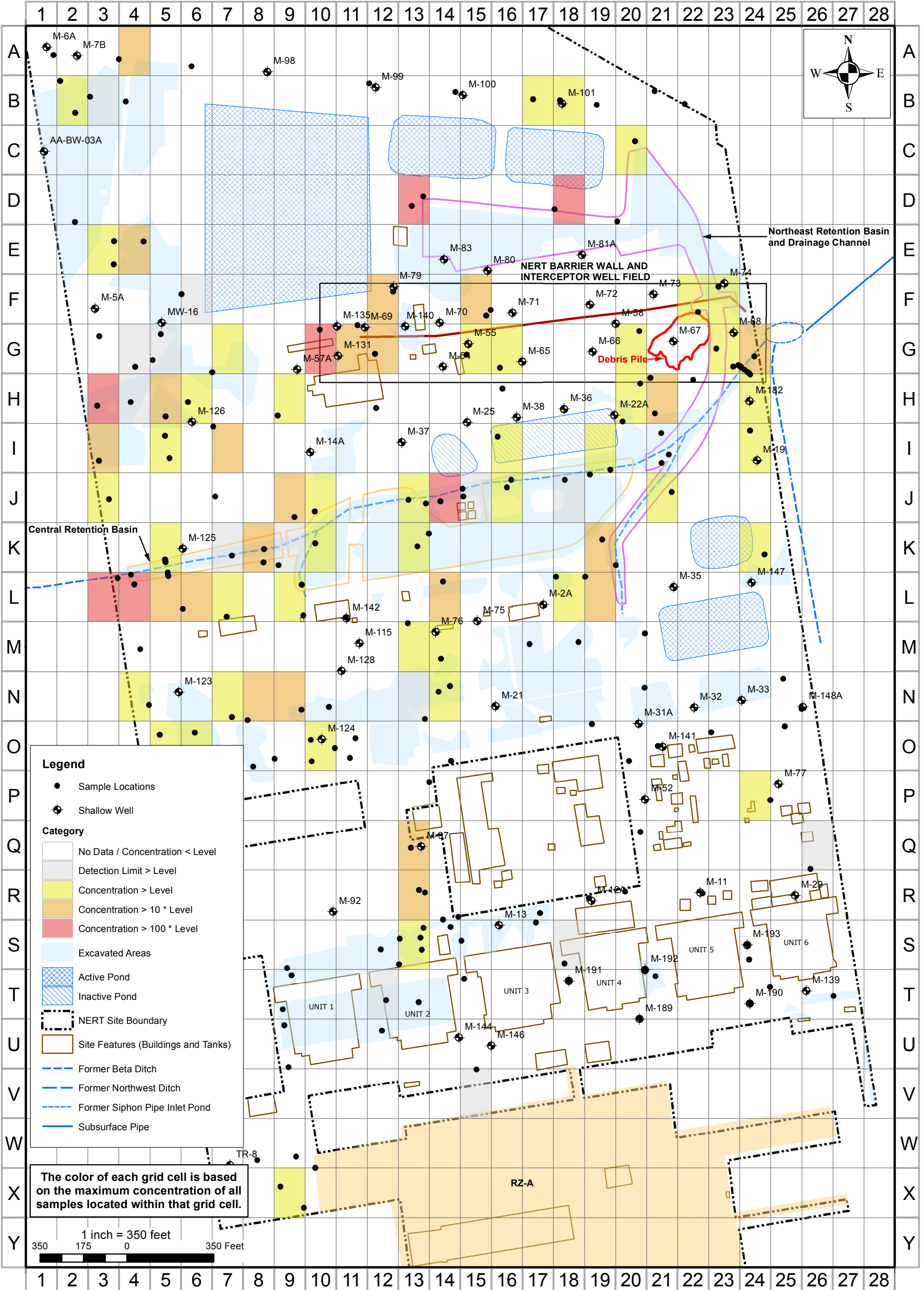
FIGURE  
**C-158**



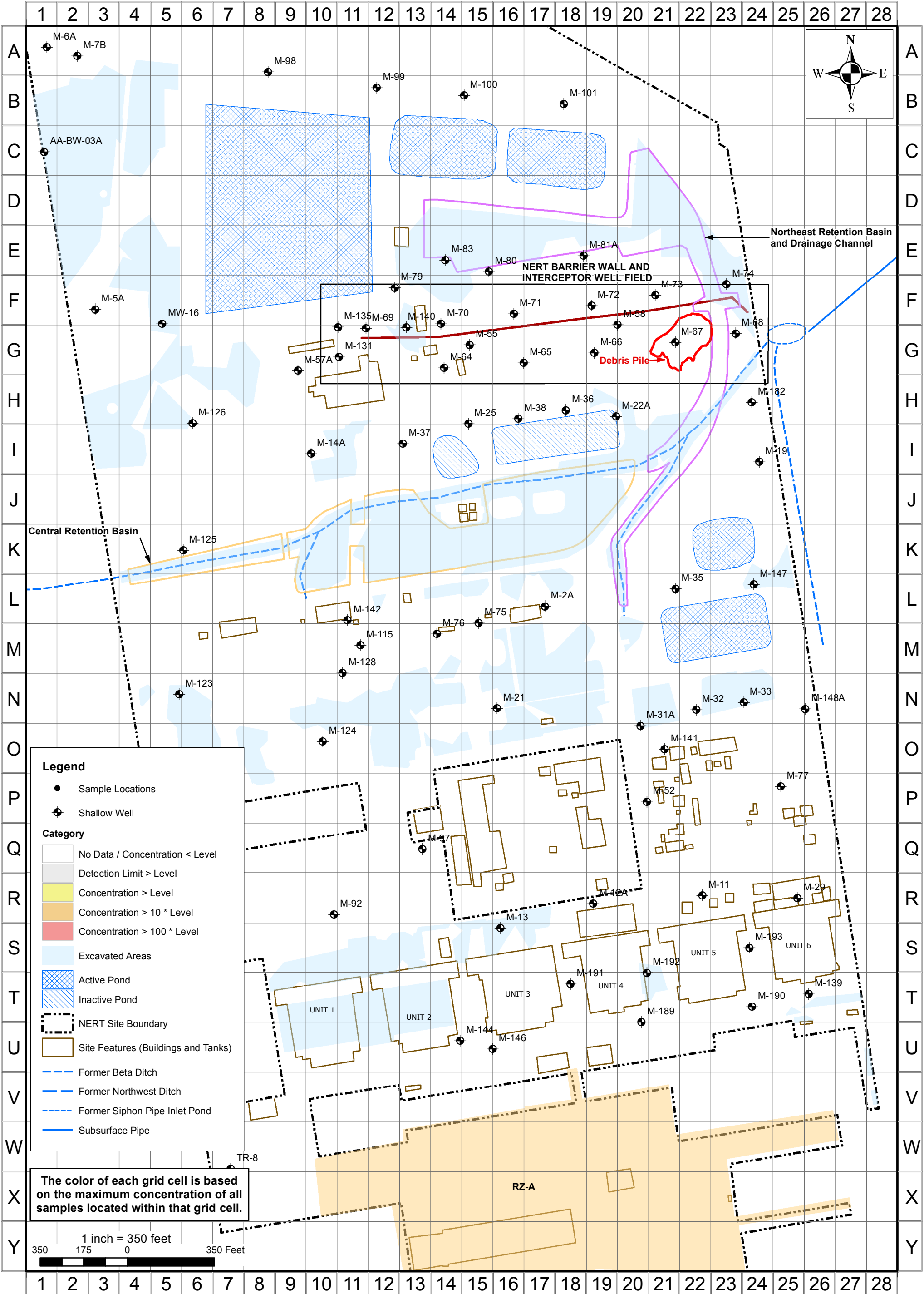
**BETA-BHC SOIL CONCENTRATIONS >5.45 µg/kg, 20-30 FEET BGS  
RI Evaluation**

Nevada Environmental Response Trust Site  
Henderson, Nevada

FIGURE  
**C-159**



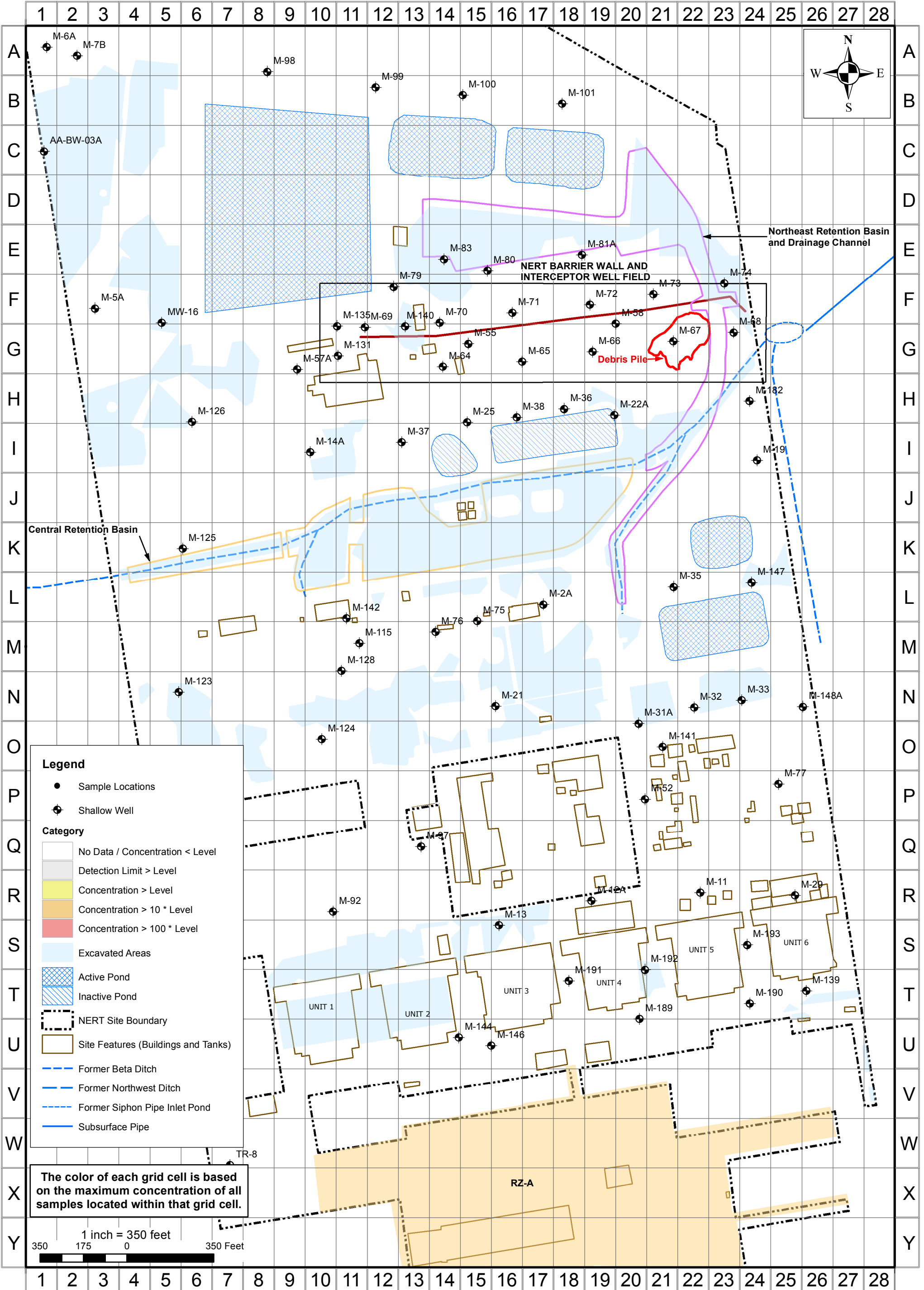




**4,4'-DDE SOIL CONCENTRATIONS > 3,000 µg/kg, 0-10 FEET BGS  
RI Evaluation**

Nevada Environmental Response Trust Site  
Henderson, Nevada

FIGURE  
**C-161**



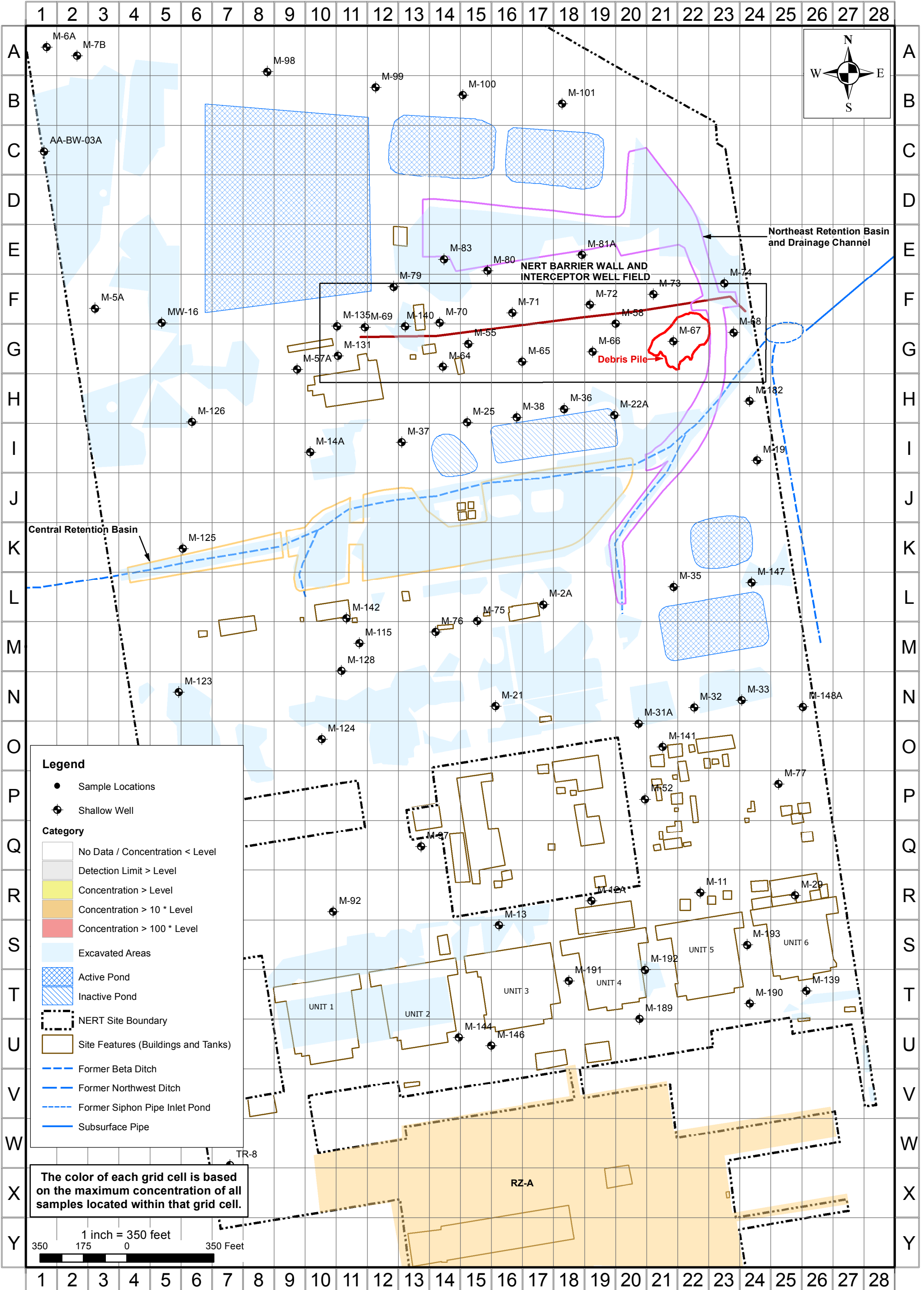
**4,4'-DDE SOIL CONCENTRATIONS > 3,000 µg/kg, 10-20 FEET BGS  
RI Evaluation**

Nevada Environmental Response Trust Site  
Henderson, Nevada

FIGURE  
**C-162**



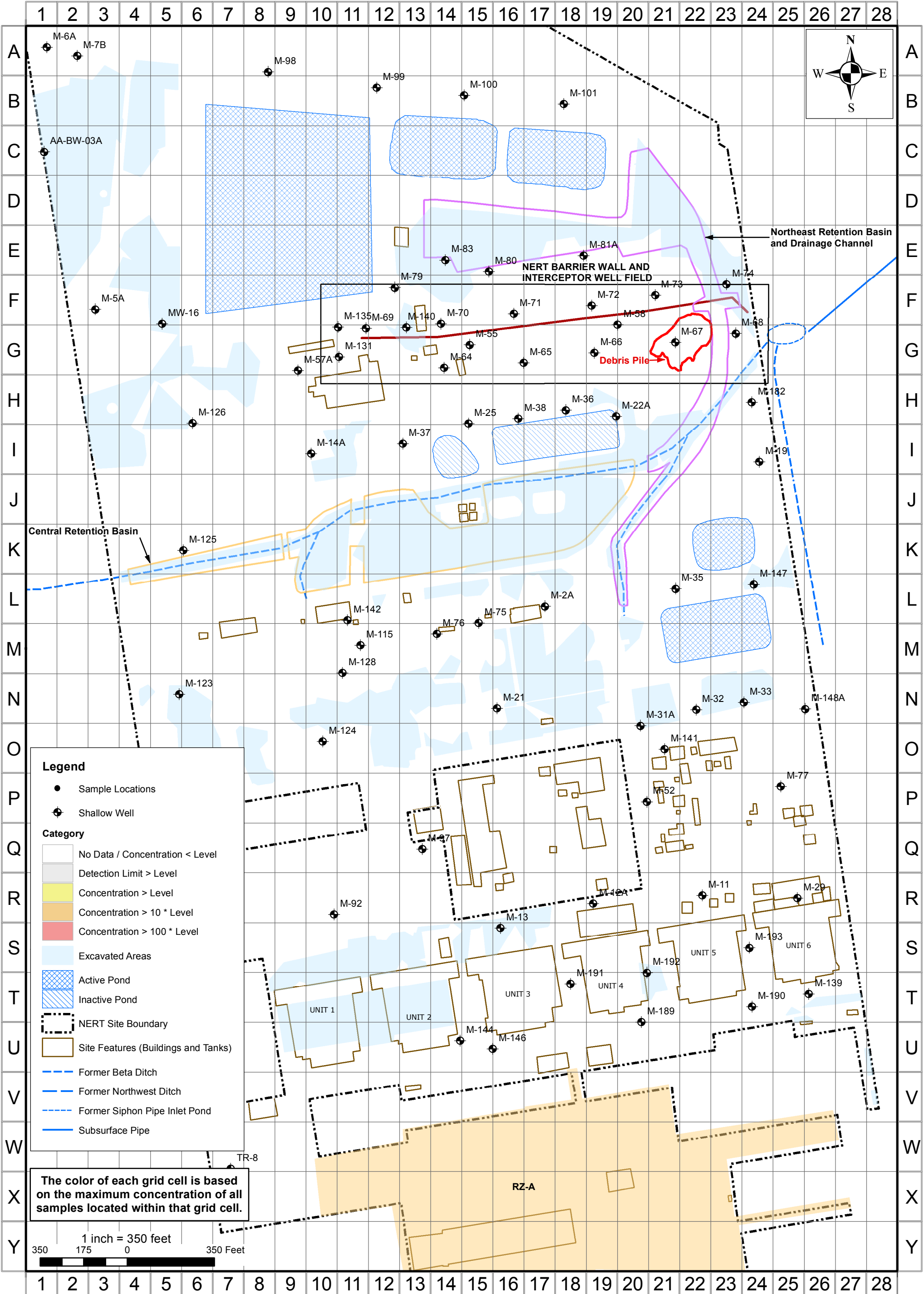




**4,4'-DDE SOIL CONCENTRATIONS > 3,000 µg/kg, 20-30 FEET BGS  
RI Evaluation**

Nevada Environmental Response Trust Site  
Henderson, Nevada

FIGURE  
**C-163**

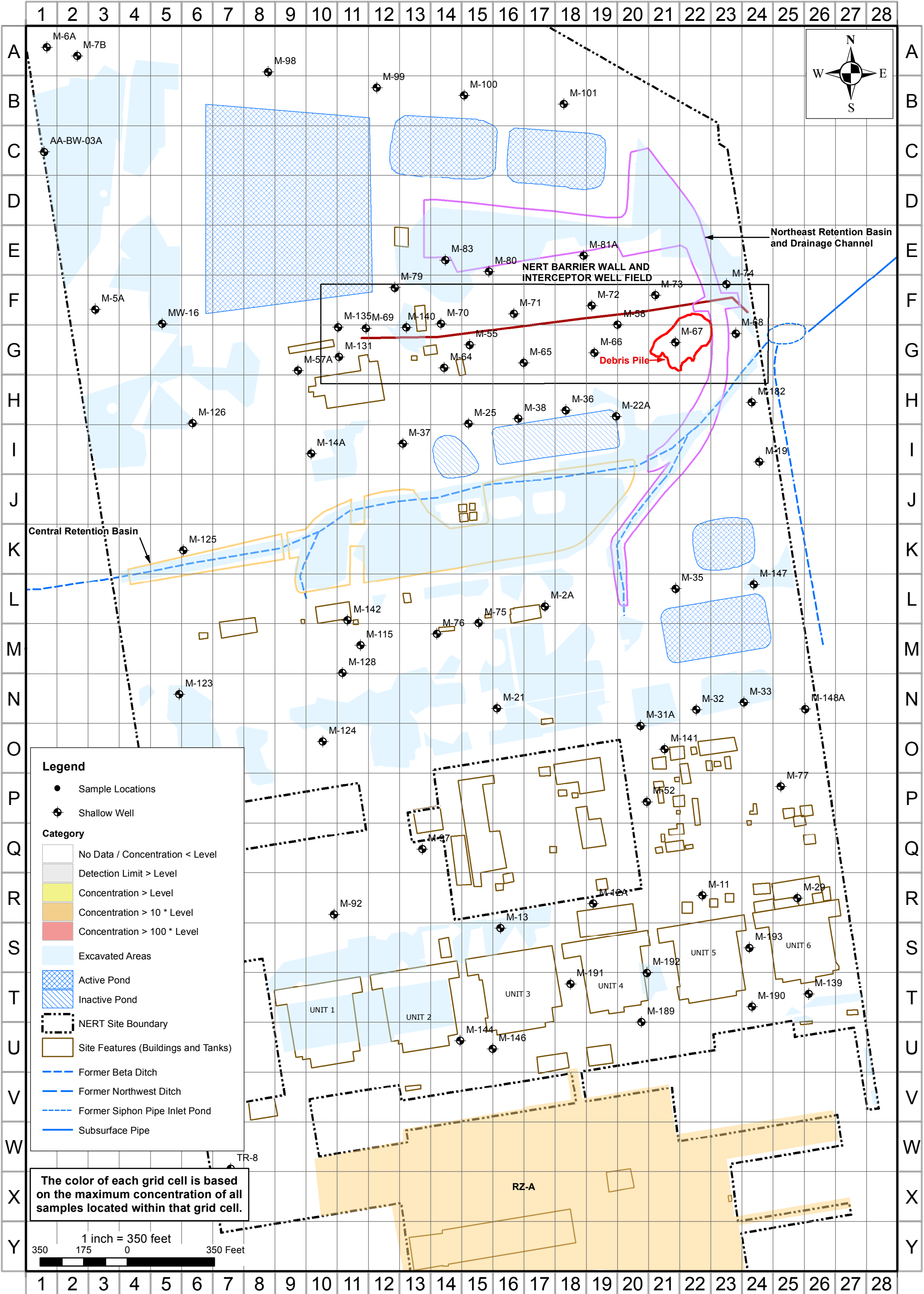


**4,4'-DDE SOIL CONCENTRATIONS > 3,000 µg/kg, ALL DEPTHS**  
**RI Evaluation**  
 Nevada Environmental Response Trust Site  
 Henderson, Nevada

**FIGURE C-164**

21-38800C

RAMBOLL ENVIRON  
 DRAFTED BY: EG/KL/JH      DATE: 4/4/2016

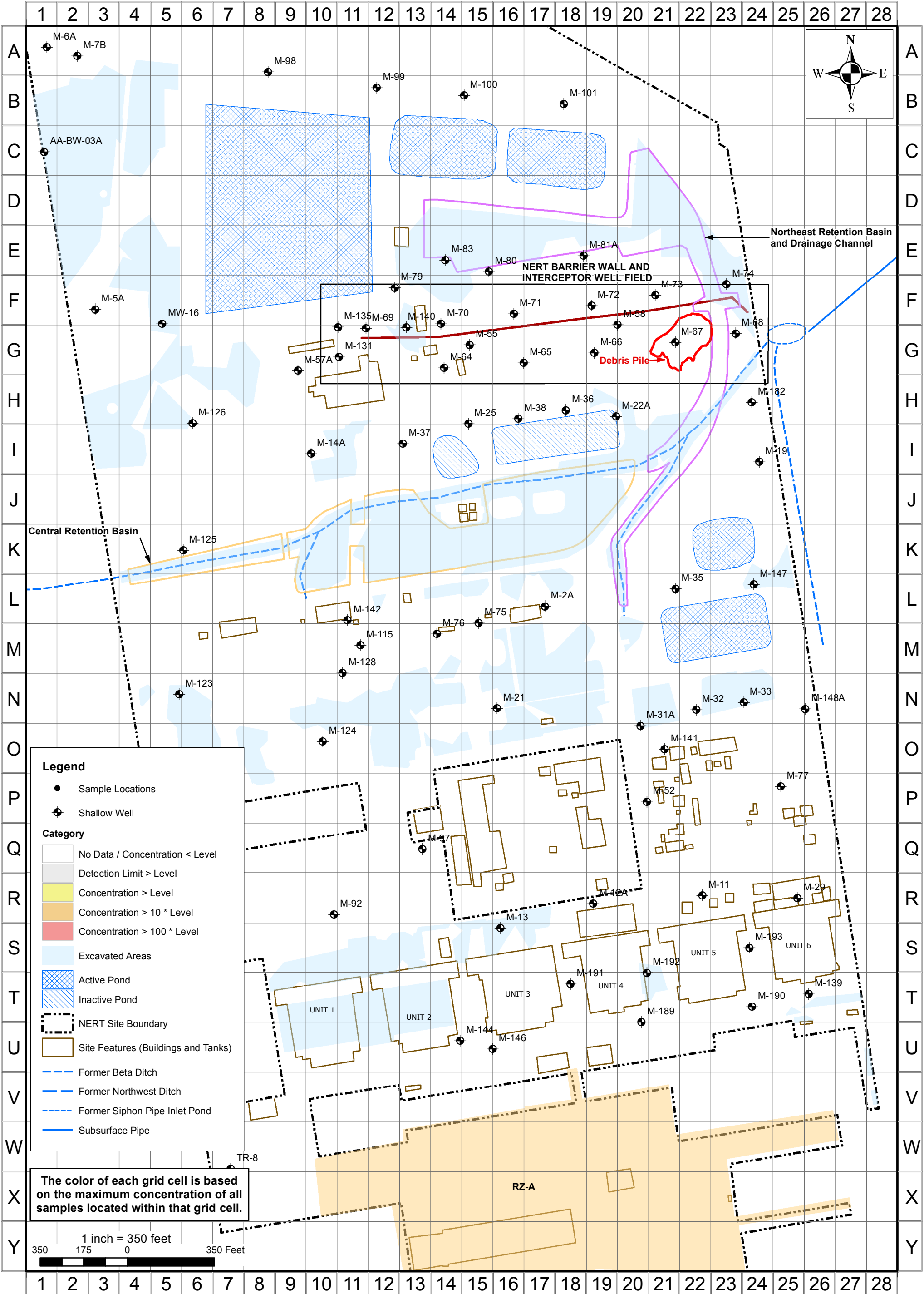


**4,4'-DDT SOIL CONCENTRATIONS >2,000 µg/kg, 0-10 FEET BGS**  
**RI Evaluation**

Nevada Environmental Response Trust Site  
Henderson, Nevada

FIGURE  
**C-165**

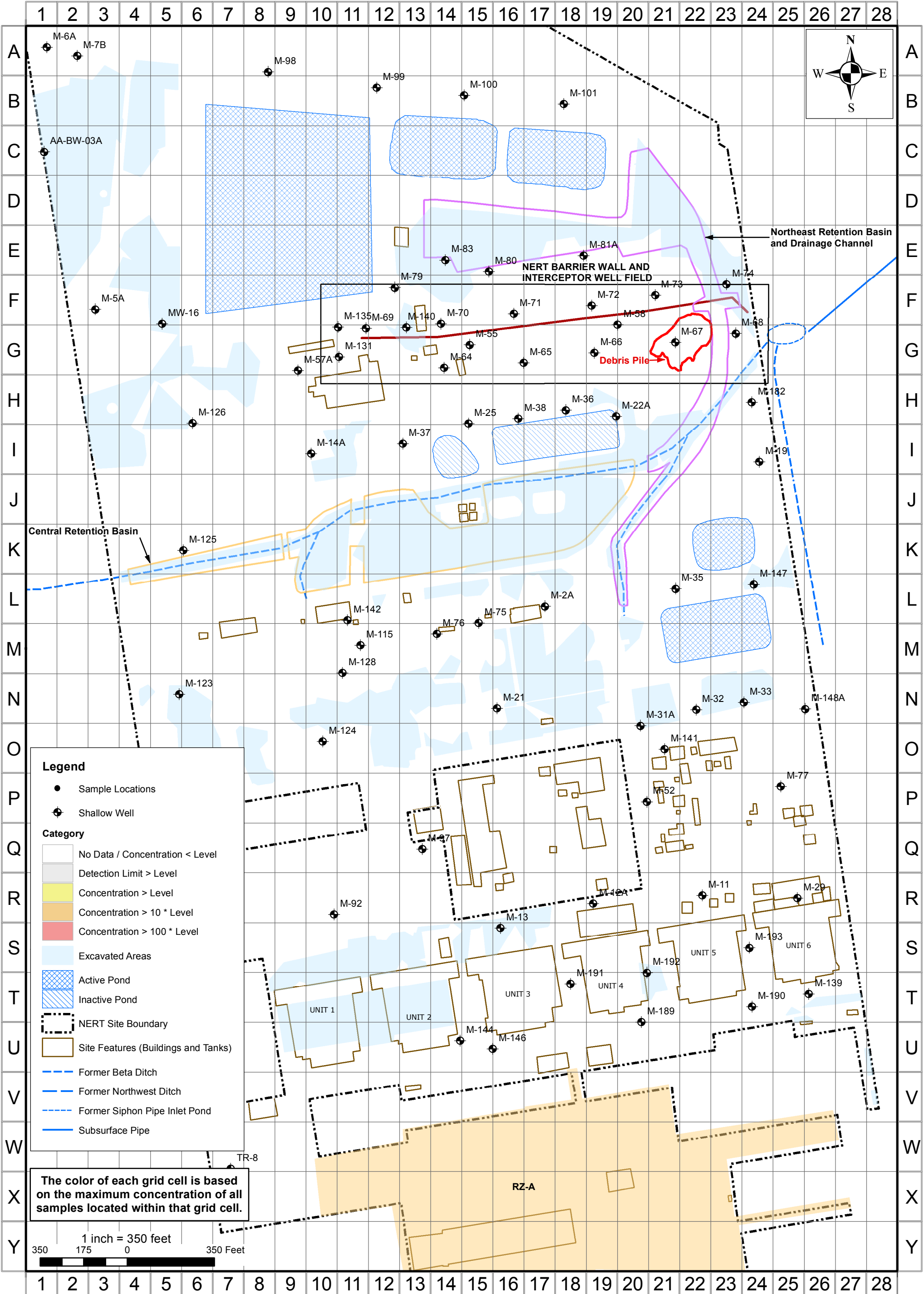




**4,4'-DDT SOIL CONCENTRATIONS > 2,000 µg/kg, 10-20 FEET BGS**  
**RI Evaluation**

Nevada Environmental Response Trust Site  
Henderson, Nevada

FIGURE  
**C-166**

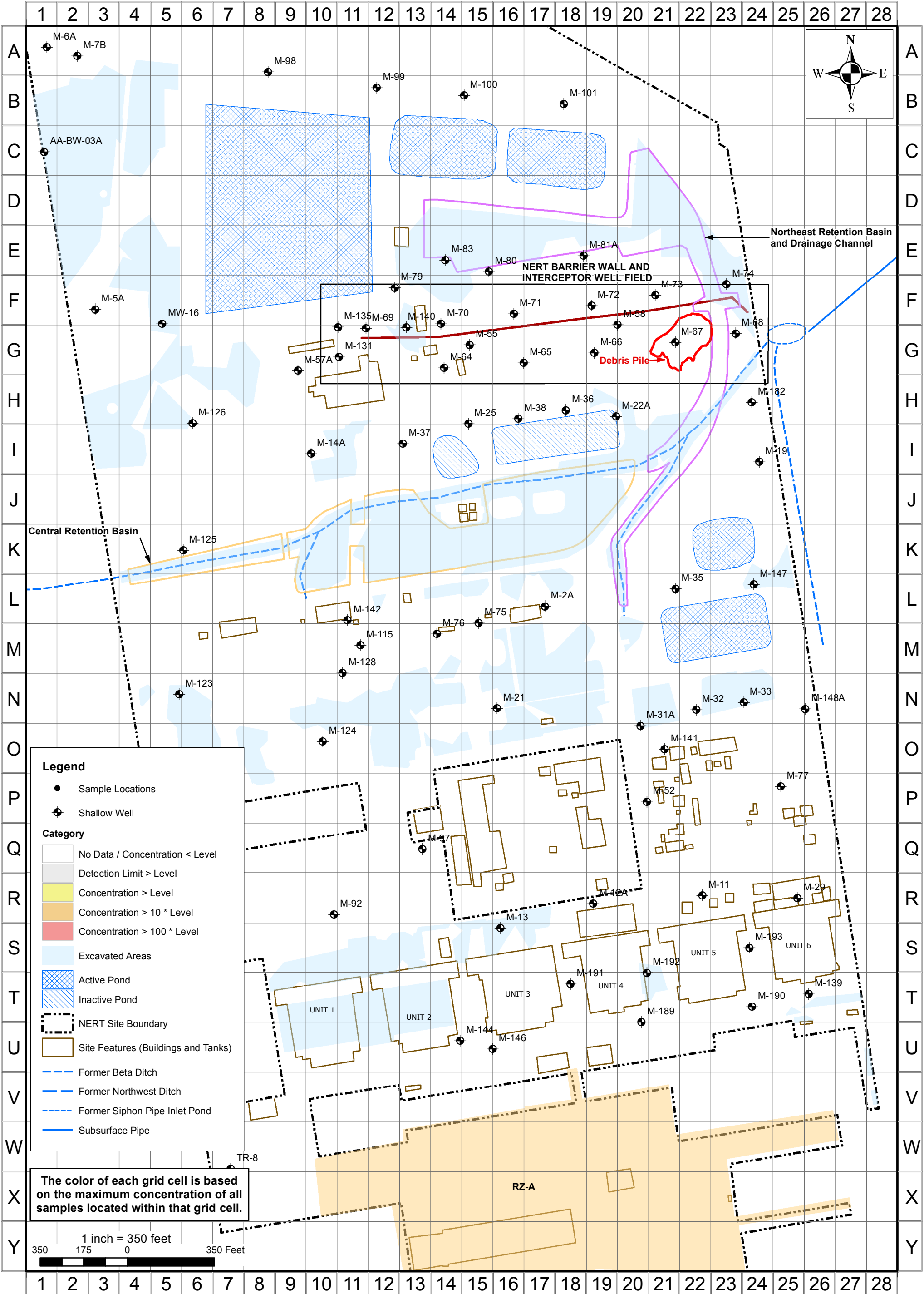


**4,4'-DDT SOIL CONCENTRATIONS > 2,000 µg/kg, 20-30 FEET BGS**  
**RI Evaluation**

Nevada Environmental Response Trust Site  
Henderson, Nevada

FIGURE  
**C-167**



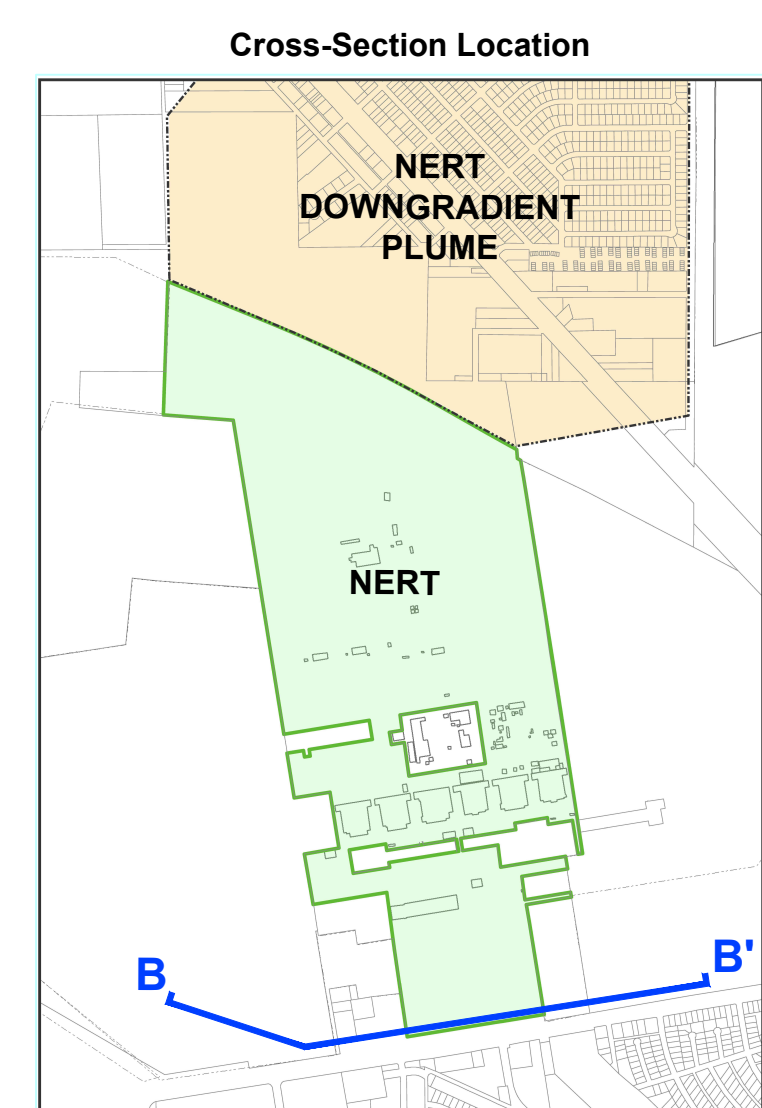
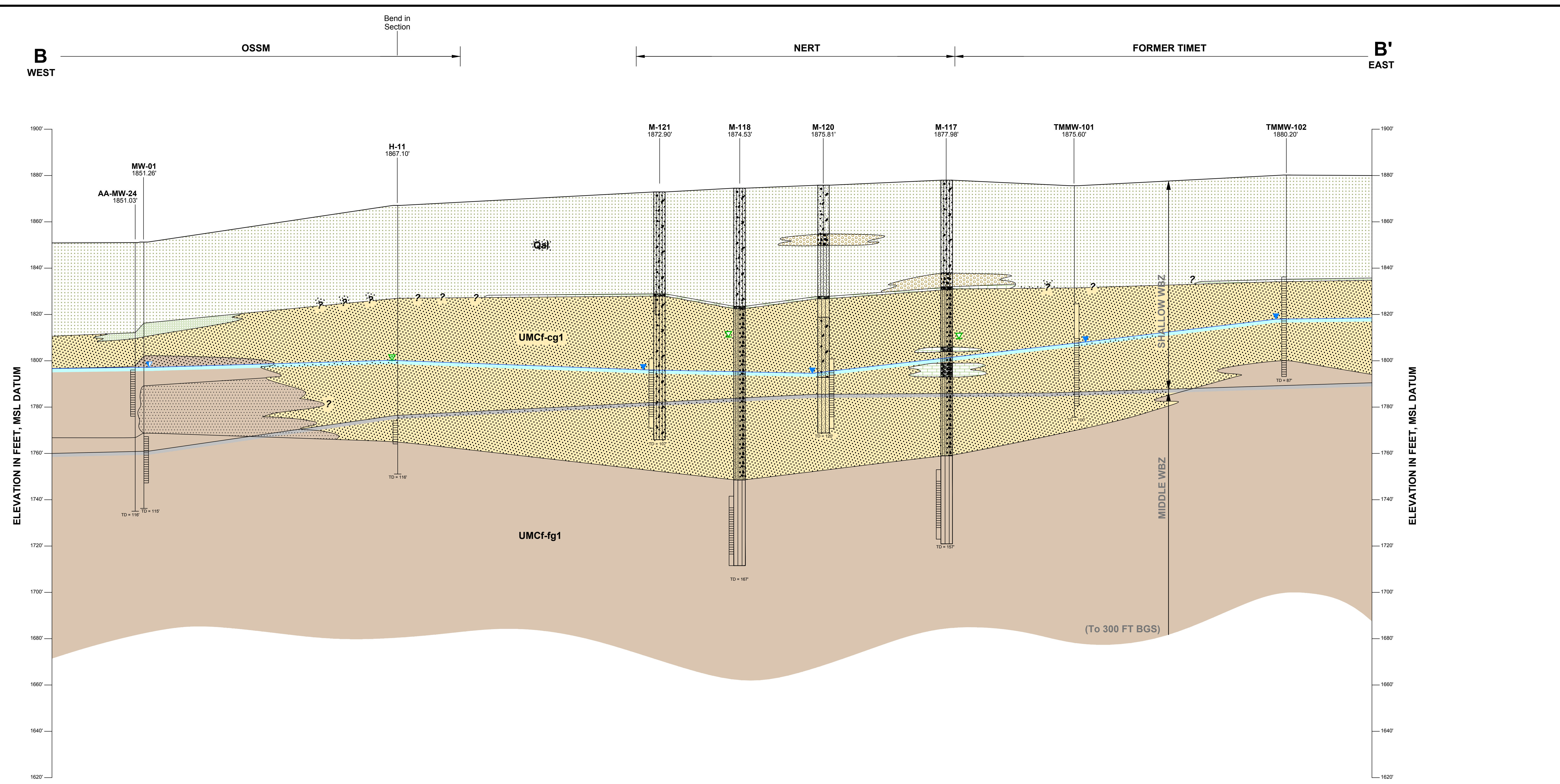


Technical Memorandum,  
Remedial Investigation Data Evaluation  
Nevada Environmental Response Trust Site  
Henderson, Nevada

## **APPENDIX D**

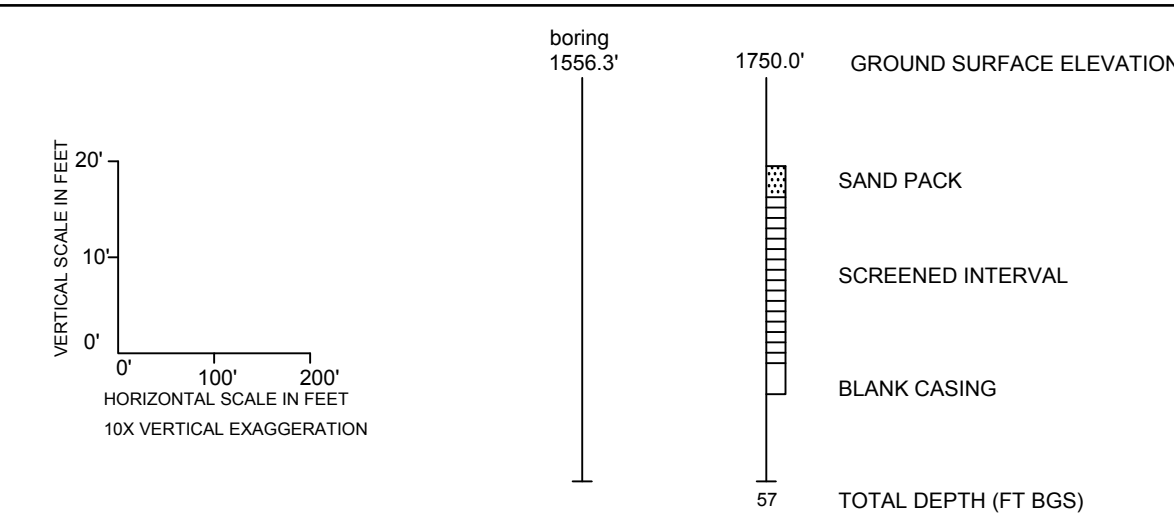
### **SUBSURFACE CROSS SECTIONS**





**LEGEND**

FILL	CALICHE
<b>ALLUVIUM (Qa)</b>	
COBBLES/ GRAVEL	GRAVEL/ SANDY GRAVEL
SILTY SAND / SILTY GRAVEL	SAND / SAND WITH GRAVEL
SILTY SAND	CLAYEY SAND
SANDY CLAY/ SILTY CLAY	SANDY SILT
<b>UPPER MUDDY CREEK FORMATION (UMC)</b>	
SILTY CLAY/ CLAYEY SILT	SANDY SILT (fine to very fine sand)
SILTY SAND/ SANDY BED	SILTY SAND/ GRAVEL



**GROUNDWATER ELEVATIONS**  
(feet, mean sea level datum)

**Shallow Water-Bearing Zone (0-90 ft)**

- Water Table Zone Well
- Deeper Shallow WBZ Well

**Middle Water-Bearing Zone (90-300 ft)**

- Upper Muddy Creek Formation,  
First Fine-Grained Unit (UMCF-fg1)
- Upper Muddy Creek Formation,  
First Coarse-Grained Unit (UMCF-cg1)

- NOTES:**
- Stratigraphic interpretation is based primarily on available boring logs from previous investigations conducted by others. Lithologic contacts are shown unbroken for clarity, but this does not imply certainty. Interpreted contact shown may be affected by projected borings. Actual subsurface conditions along the cross-section alignment may vary.
  - The UMCf-cg1 unit is identified as alluvium in TIMET wells TMMW-101 and TMMW-102.
  - The UMCf-cg1 unit is identified both as alluvium and as "Transition Zone" at the OSSM site.
  - Groundwater elevations measured March-May 2015.



REV.	DATE	DR.	CH.	REVISION
<b>Schematic Subsurface Cross-Section B-B'</b>				
Nevada Environmental Response Trust (NERT) Henderson, Nevada				
PREPARED BY: JD, RR	DATE: 11/11/15	PLATE		<b>D-1a</b>
DRAFTED BY: RS	SCALE: 1" = 200'			
APPROVED BY: JD	PROJECT: 21-37300C, M08			

RMSO 4/29/16  
C:\DRAWINGS\2137300C\_NERT\_XSEC - 2137300\_XSEC\_1B-1B >



B WEST

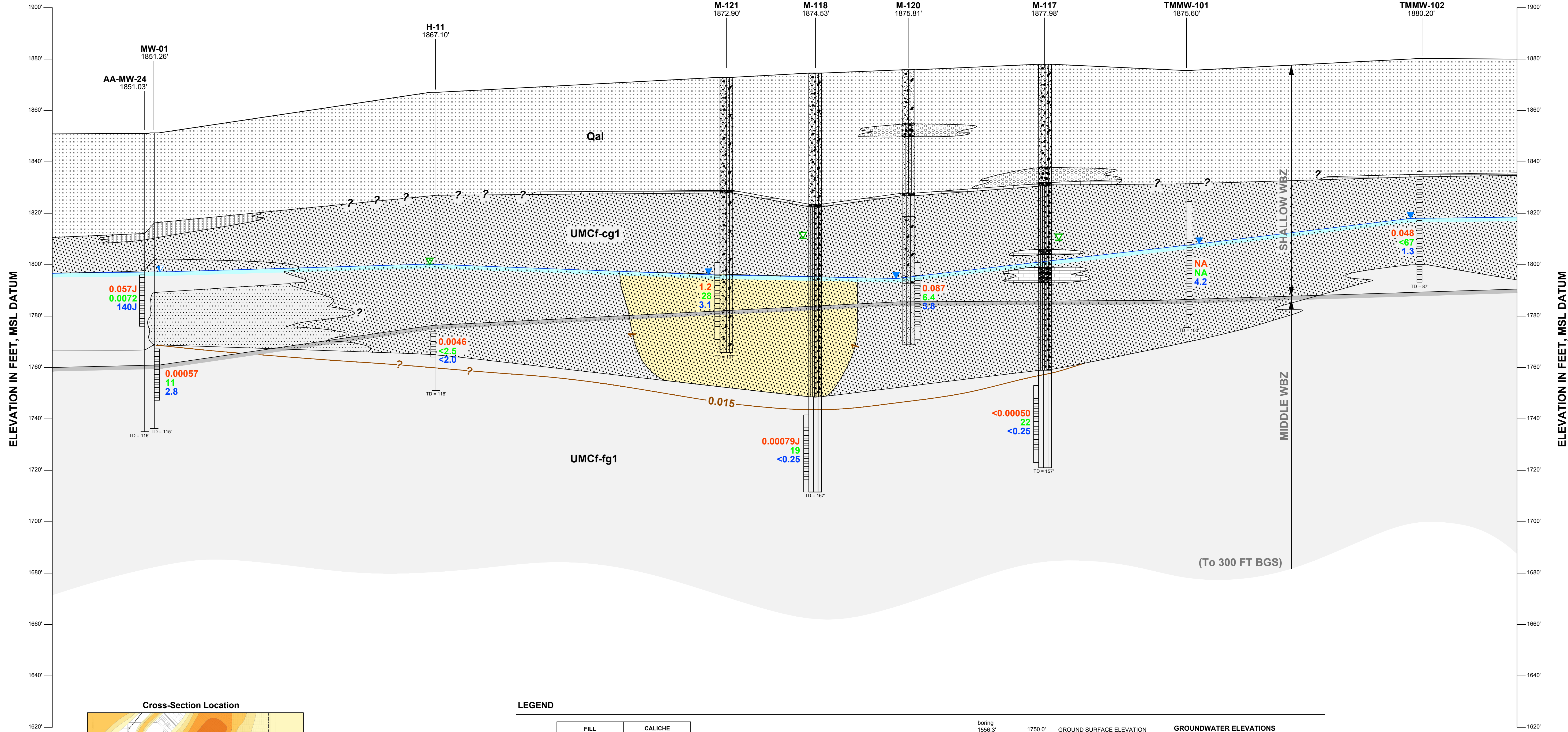
OSSM

Bend in Section

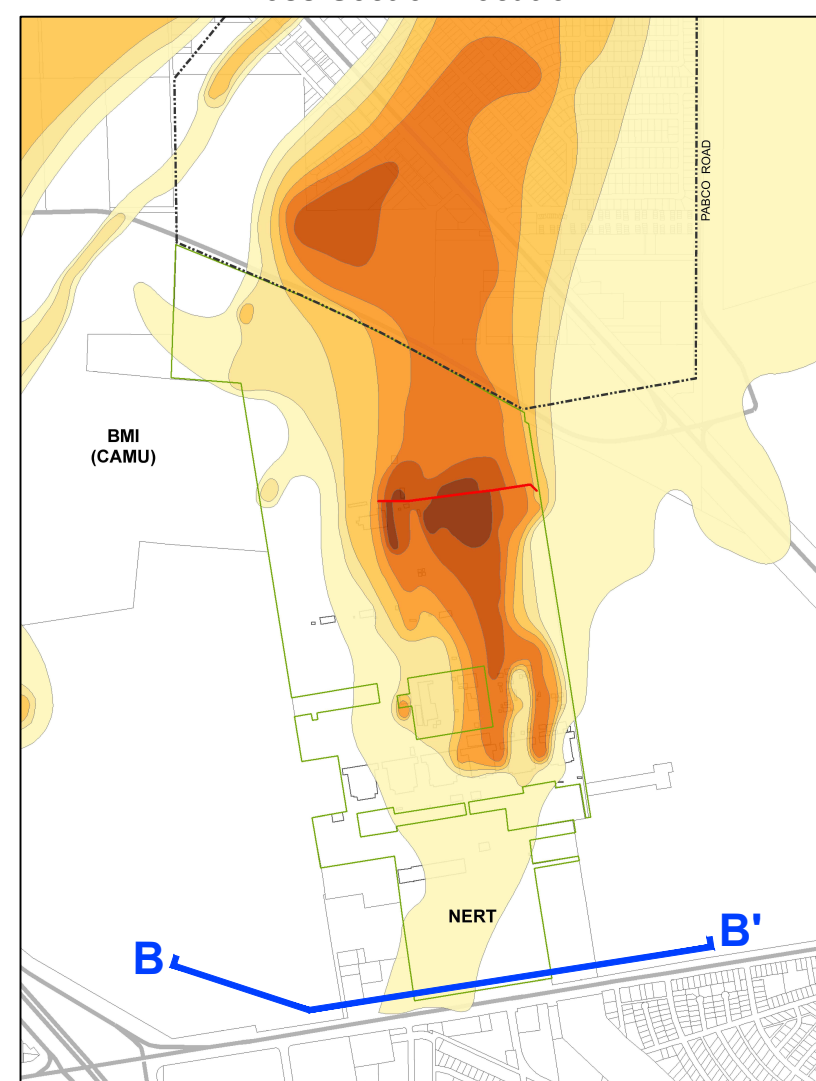
NERT

FORMER TIMET

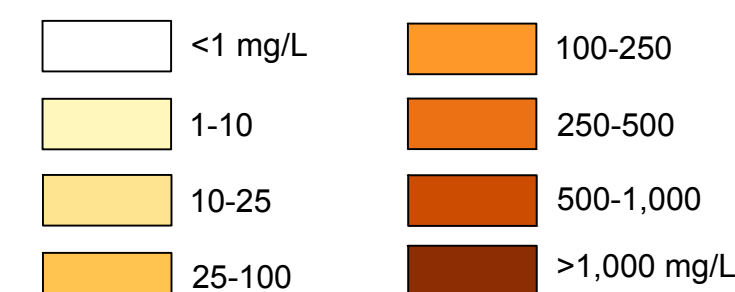
B' EAST



Cross-Section Location



PERCHLORATE CONCENTRATIONS



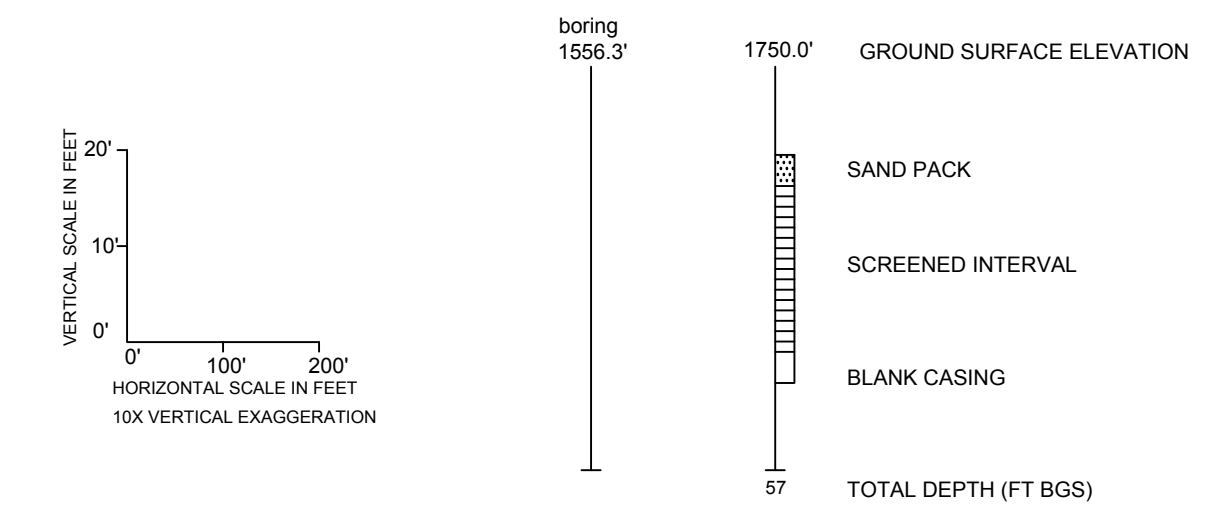
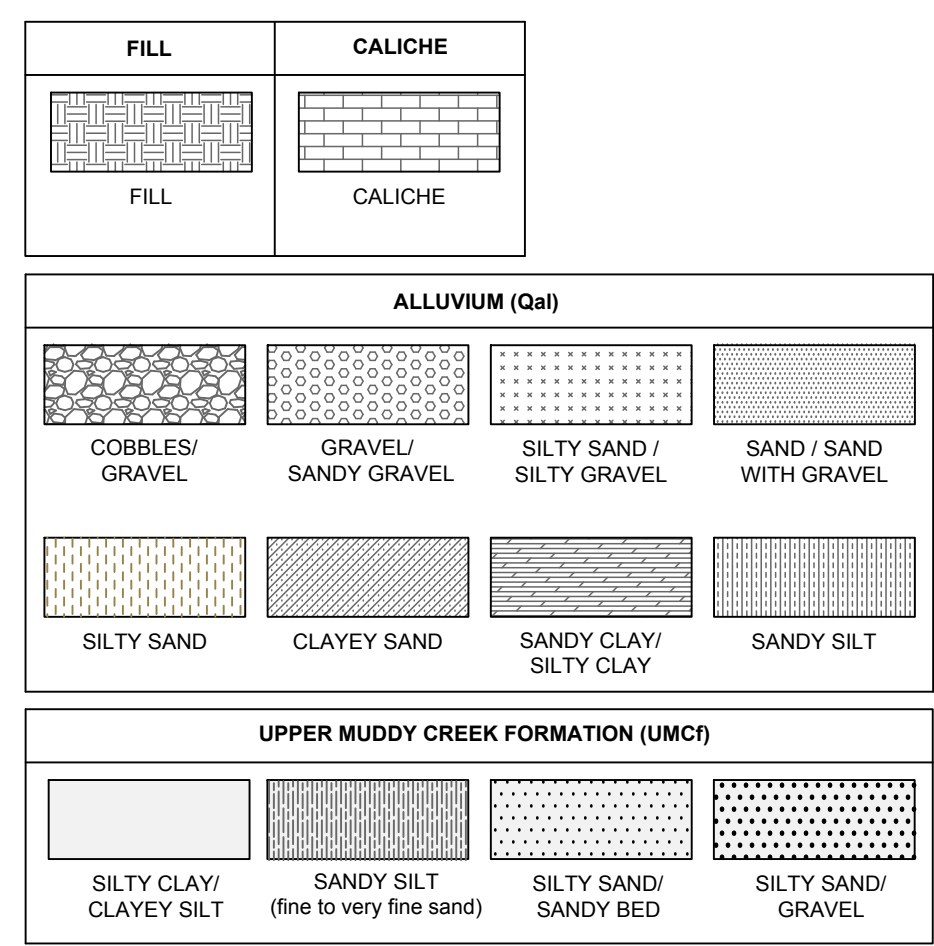
GROUNDWATER CONCENTRATIONS (2014-2015)

- 210 PERCHLORATE (mg/L)
- 0.42 TOTAL CHROMIUM (mg/L)
- 80 CHLOROFORM (µg/L)

Notes:

- Chloroform data for TIMET wells TMMW-101 and TMMW-102 are from April 2015.
- Data for OSSM well AA-MW-24 are from April 2013. Chloroform data for OSSM wells MW-01 and H-11 are from June 2014.
- NA - Not Analyzed

LEGEND



- NOTES:
- Stratigraphic interpretation is based primarily on available boring logs from previous investigations conducted by others. Lithologic contacts are shown unbroken for clarity, but this does not imply certainty. Interpreted contact shown may be affected by projected borings. Actual subsurface conditions along the cross-section alignment may vary.
  - The UMCf-cg1 unit is identified as alluvium in TIMET wells TMMW-101 and TMMW-102.
  - The UMCf-cg1 unit is identified both as alluvium and as "Transition Zone" at the OSSM site.
  - Groundwater elevations measured March-May 2015.
  - The federal Preliminary Remediation Goal (PRG) for perchlorate is 0.015 mg/L.

- GROUNDWATER ELEVATIONS (feet, mean sea level datum)
- Shallow Water-Bearing Zone (0-90 ft)
- Water Table Zone Well
  - Deeper Shallow WBZ Well
- Middle Water-Bearing Zone (90-300 ft)
- Upper Muddy Creek Formation, First Fine-Grained Unit (UMCf-fg1)
  - Upper Muddy Creek Formation, First Coarse-Grained Unit (UMCf-cg1)



REV.	DATE	DR.	CH.	REVISION

**Schematic Subsurface Cross-Section B-B'**  
**Showing Perchlorate in Groundwater**

Nevada Environmental Response Trust (NERT)  
Henderson, Nevada

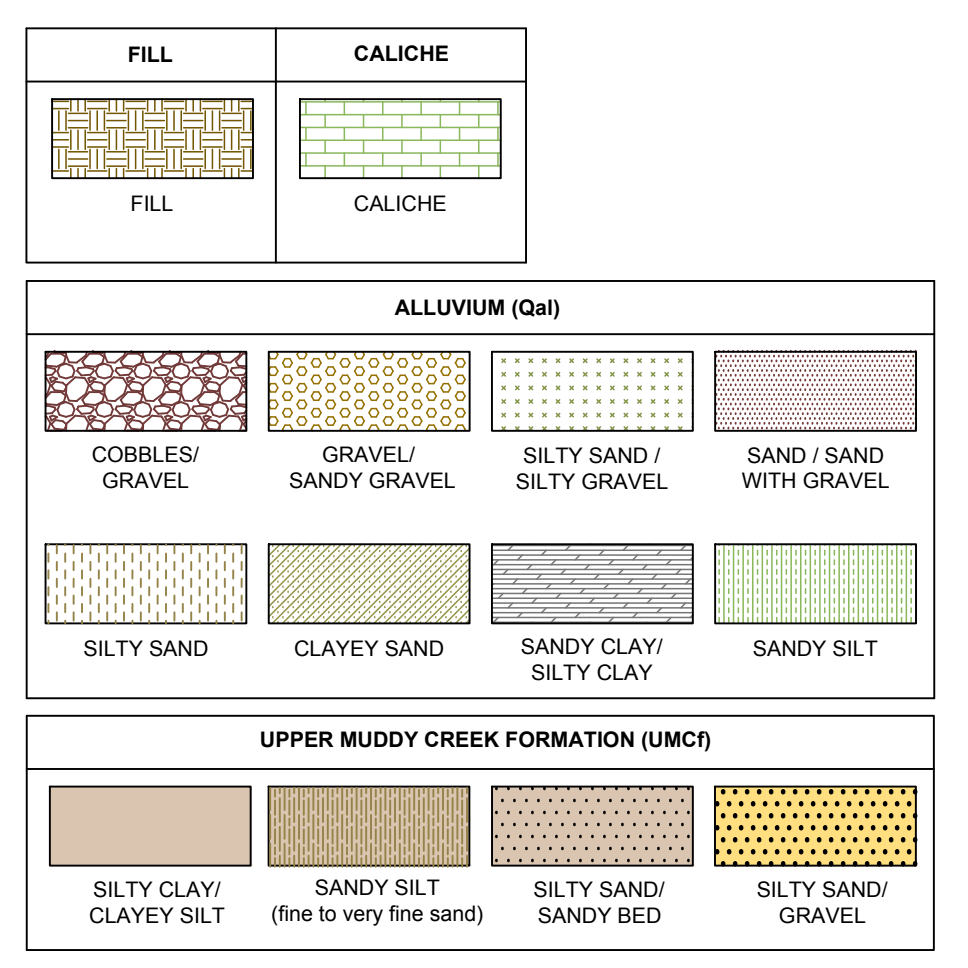
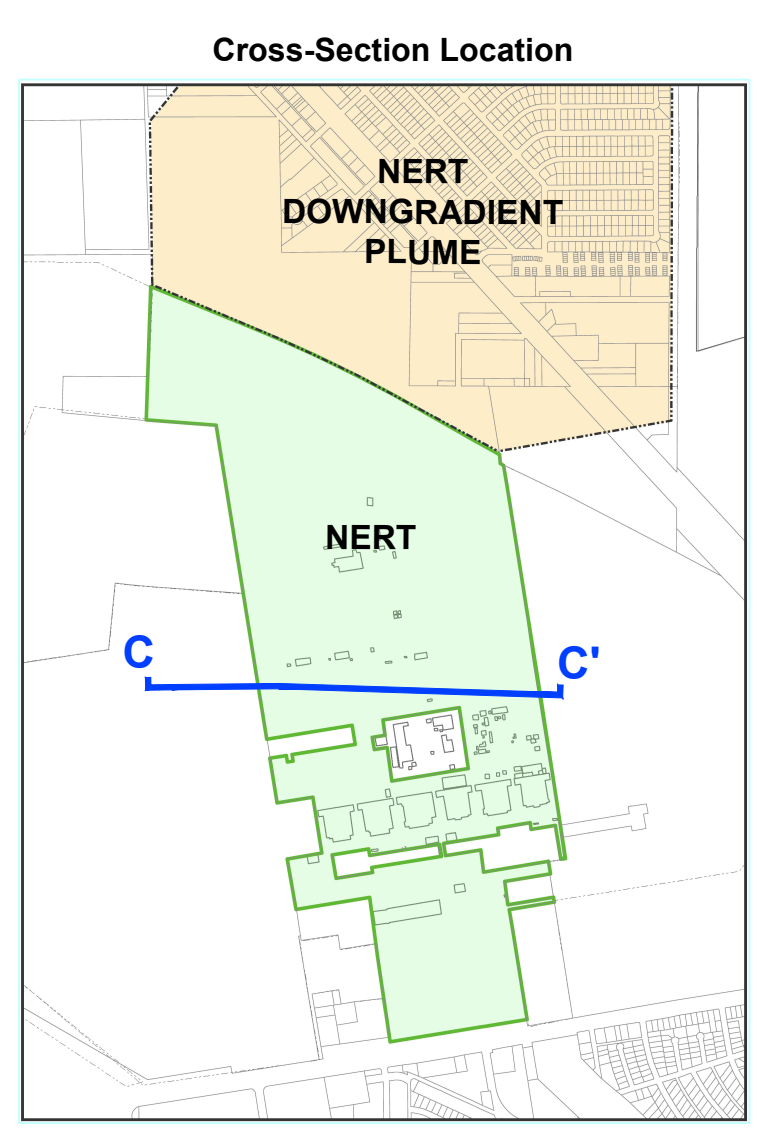
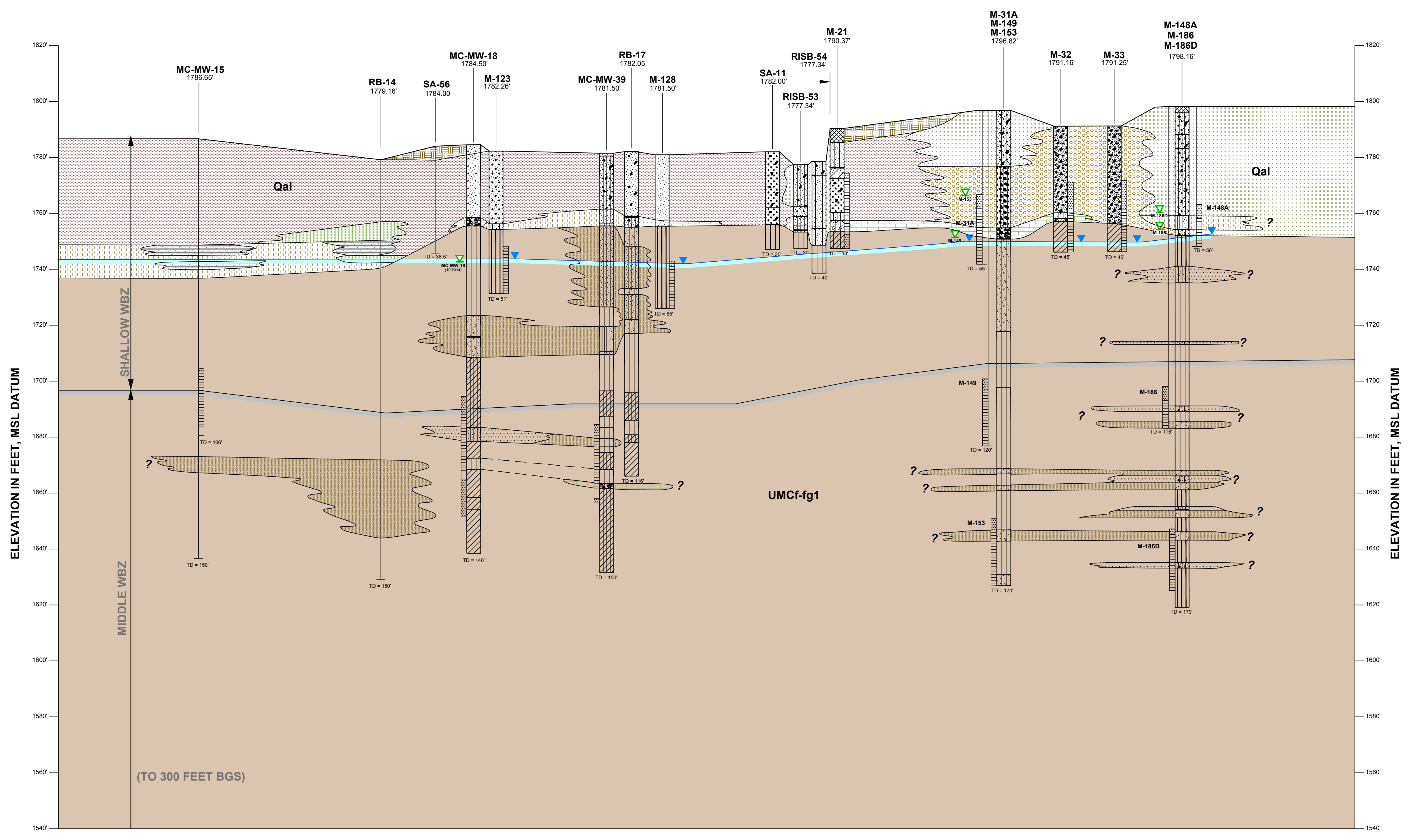
**RAMBOLL ENVIRON**

PREPARED BY: JD, RR	DATE: 12/18/15	PLATE <b>D-1b</b>
DRAFTED BY: RS	SCALE: 1" = 200'	
APPROVED BY: JD	PROJECT: 21-37300C, M08	

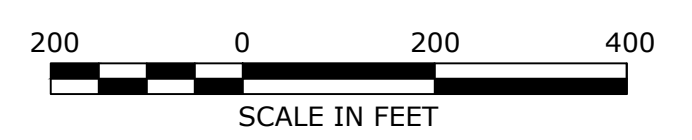
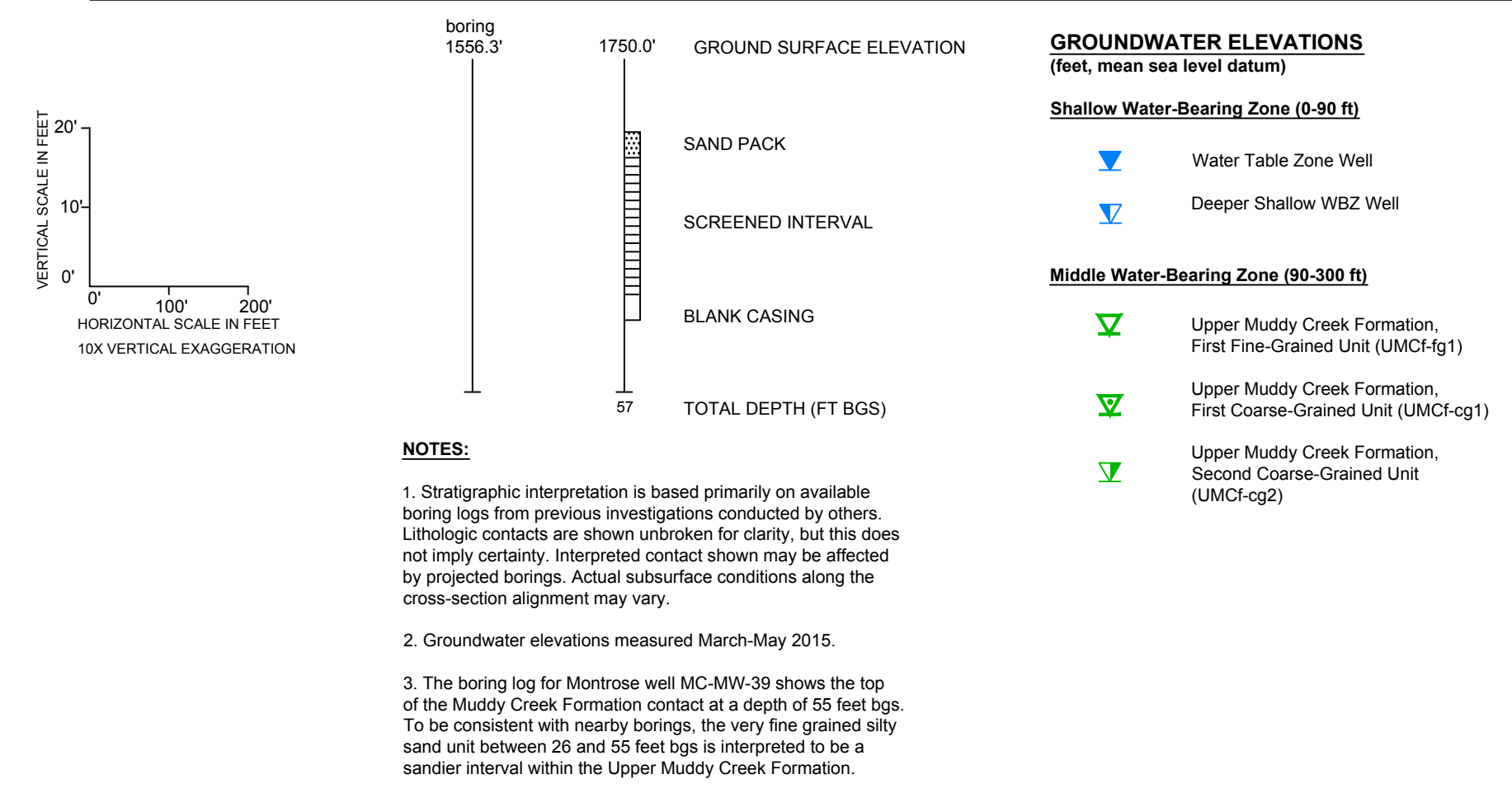
RMSO 4/29/16 Q:\DRAWINGS\2137300C\_NERT\_XSEC\_< 2137300\_XSEC\_1B-1B-PERCHLORATE >



C WEST      OSSM      NERT      TIMET      C' EAST



**LEGEND**



REV.	DATE	DR.	CH.	REVISION

**Schematic Subsurface Cross-Section C-C'**

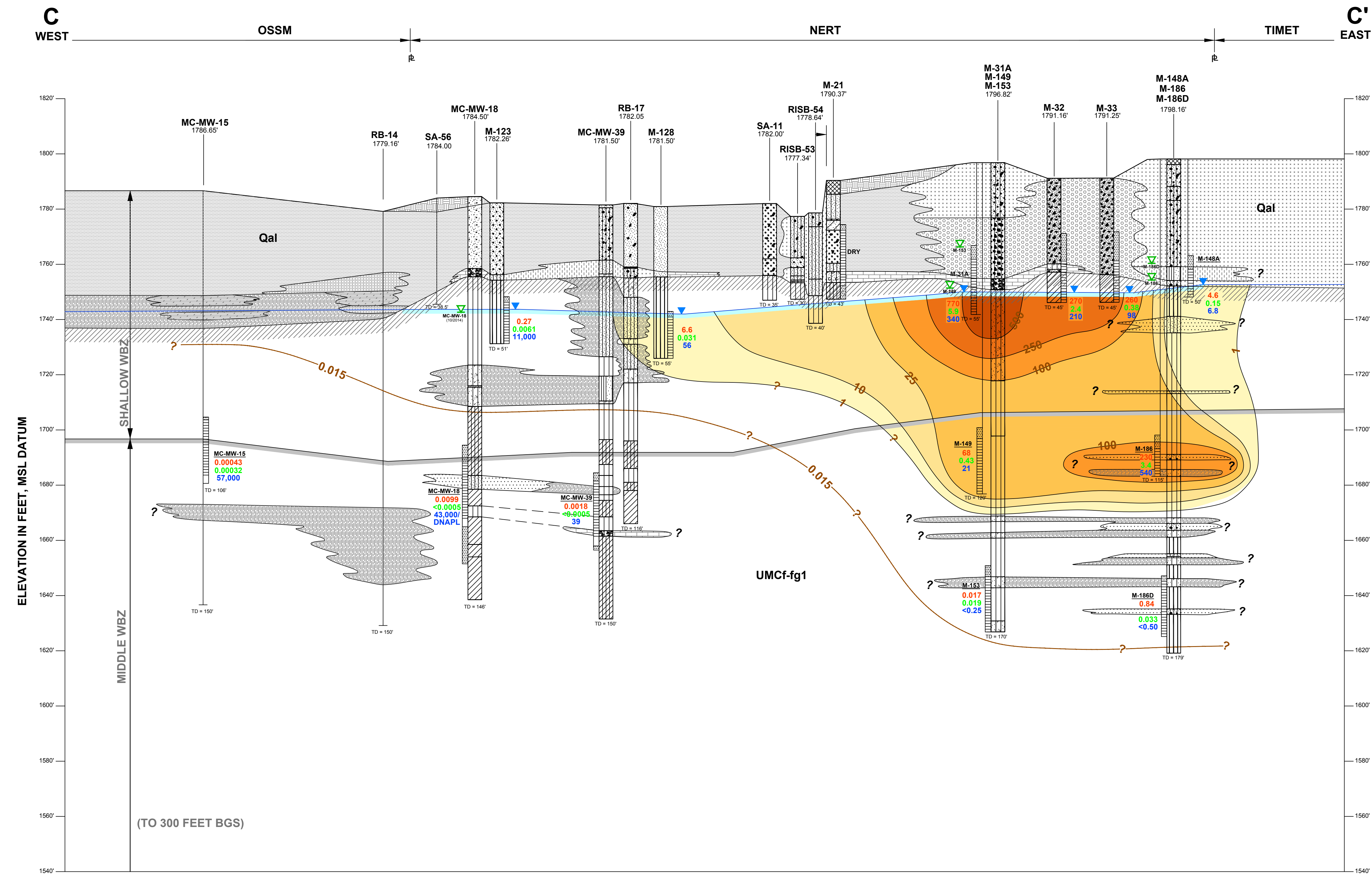
Nevada Environmental Response Trust (NERT)  
Henderson, Nevada

**RAMBOLL ENVIRON**

PREPARED BY: JD, RR	DATE: 4/21/16	PLATE <b>D-2a</b>
DRAFTED BY: RS	SCALE: 1" = 200'	
APPROVED BY: JD	PROJECT: 21-37300C, M08	

RMSO 5/6/16  
C:\DRAWINGS\2137300C\_NERT\_XSEC - 2137300\_XSEC\_2C-C'2 >





**STRATIGRAPHIC UNITS AND SOIL TYPES**

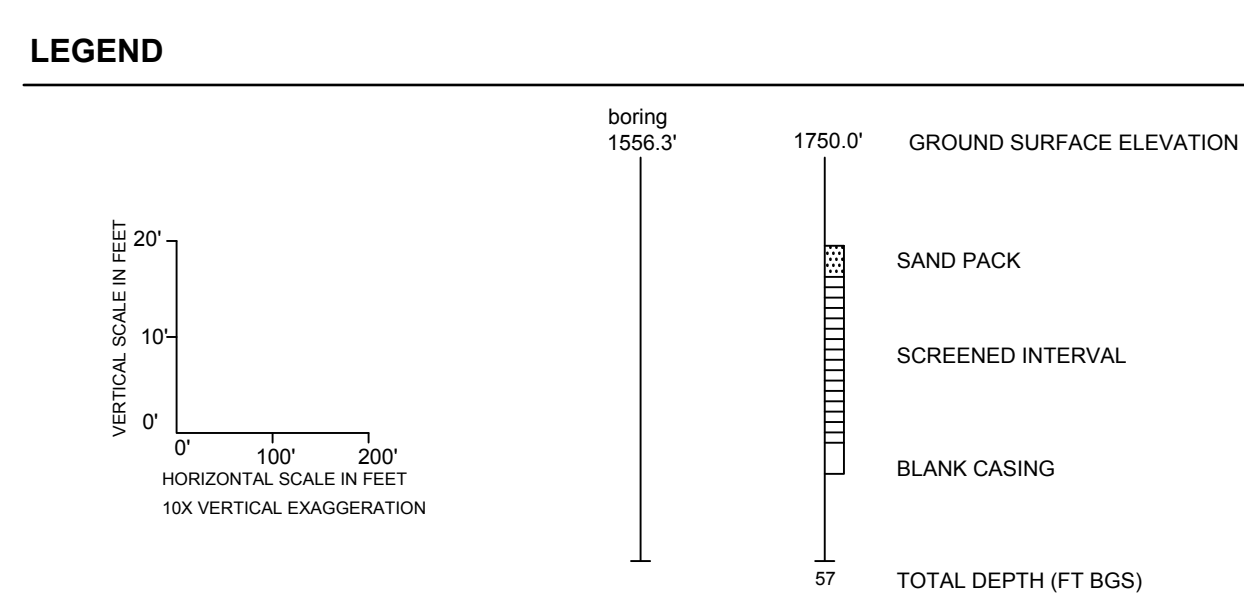
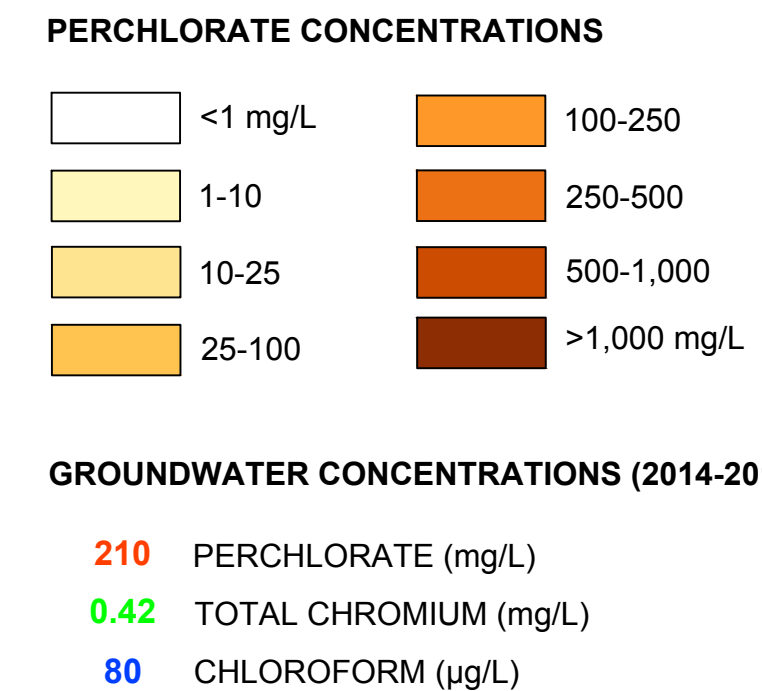
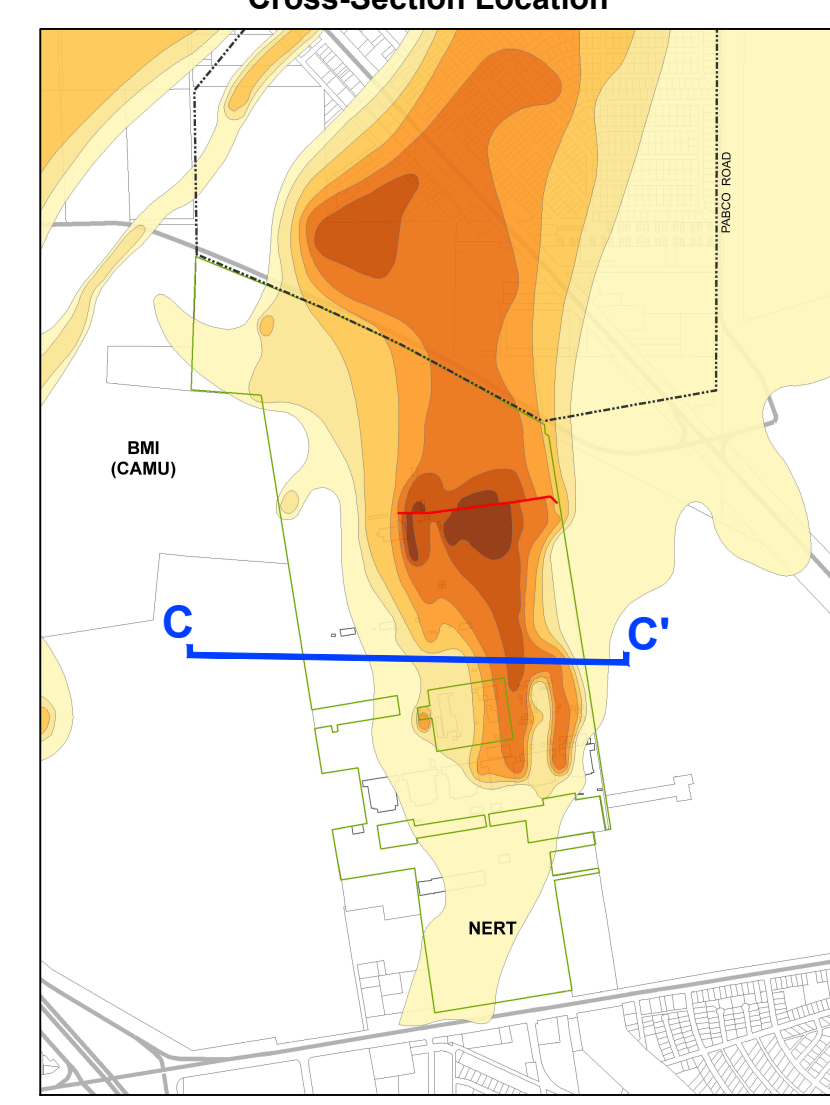
FILL	CALICHE
FILL	CALICHE

ALLUVIUM (Qal)			
COBBLES/ GRAVEL	GRAVEL/ SANDY GRAVEL	SILTY SAND/ SILTY GRAVEL	SAND/ SAND WITH GRAVEL
SILTY SAND	CLAYEY SAND	SANDY CLAY/ SILTY CLAY	SANDY SILT

UPPER MUDDY CREEK FORMATION (UMCF)			
SILTY CLAY/ CLAYEY SILT	SANDY SILT (fine to very fine sand)	SILTY SAND/ SANDY BED	SILTY SAND/ GRAVEL



**GROUNDWATER ELEVATIONS**  
(feet, mean sea level datum)

**Shallow Water-Bearing Zone (0-90 ft)**

- Water Table Zone Well
- Deeper Shallow WBZ Well

**Middle Water-Bearing Zone (90-300 ft)**

- Upper Muddy Creek Formation, First Fine-Grained Unit (UMCF-fg1)
- Upper Muddy Creek Formation, First Coarse-Grained Unit (UMCF-cg1)
- Upper Muddy Creek Formation, Second Coarse-Grained Unit (UMCF-cg2)

**NOTES:**

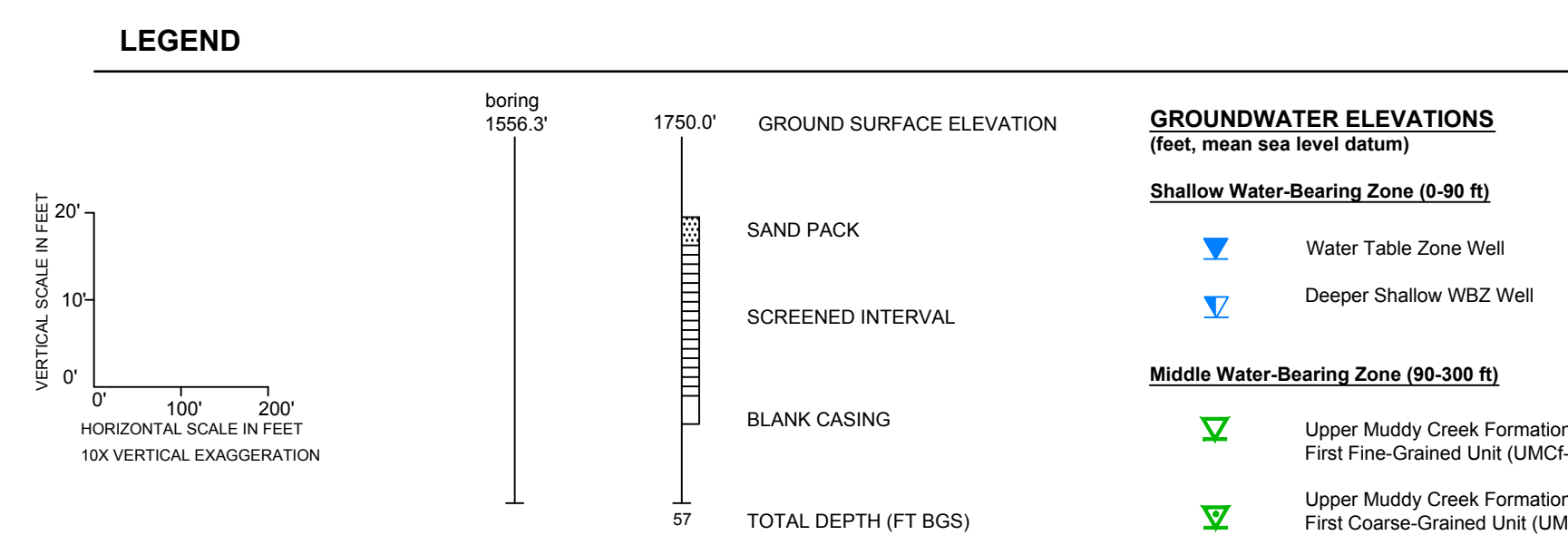
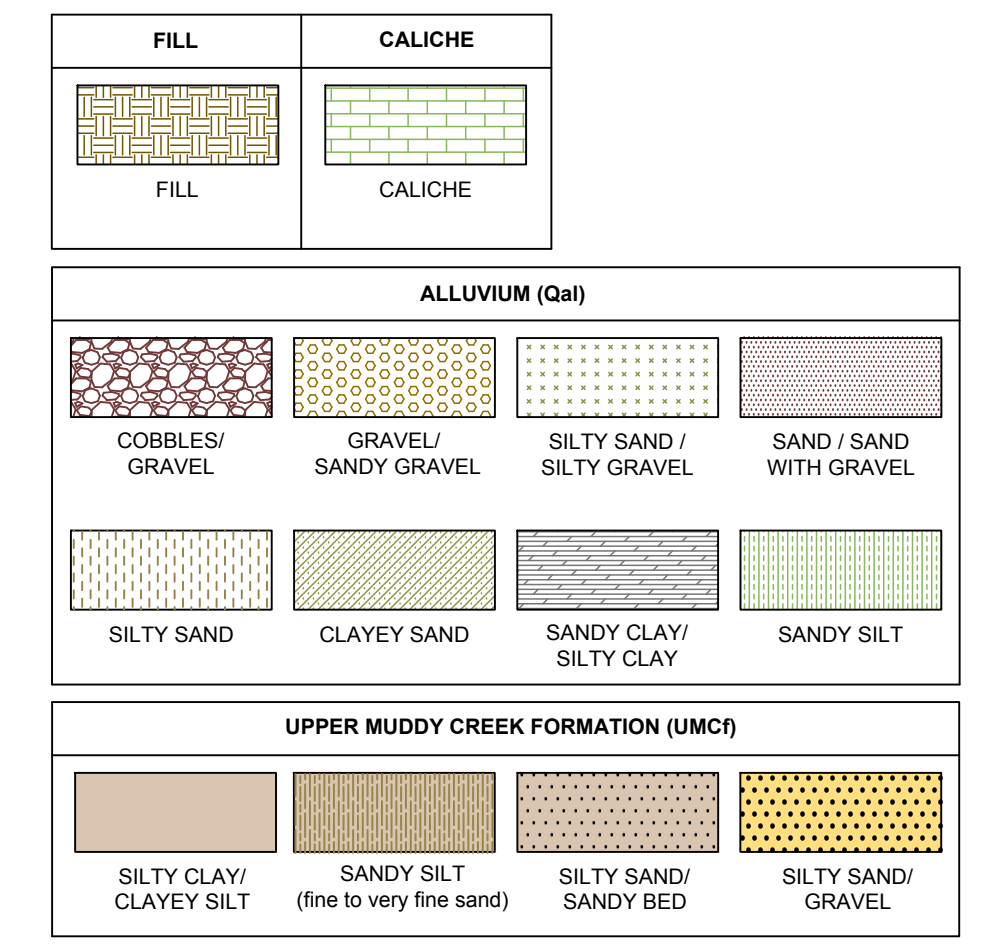
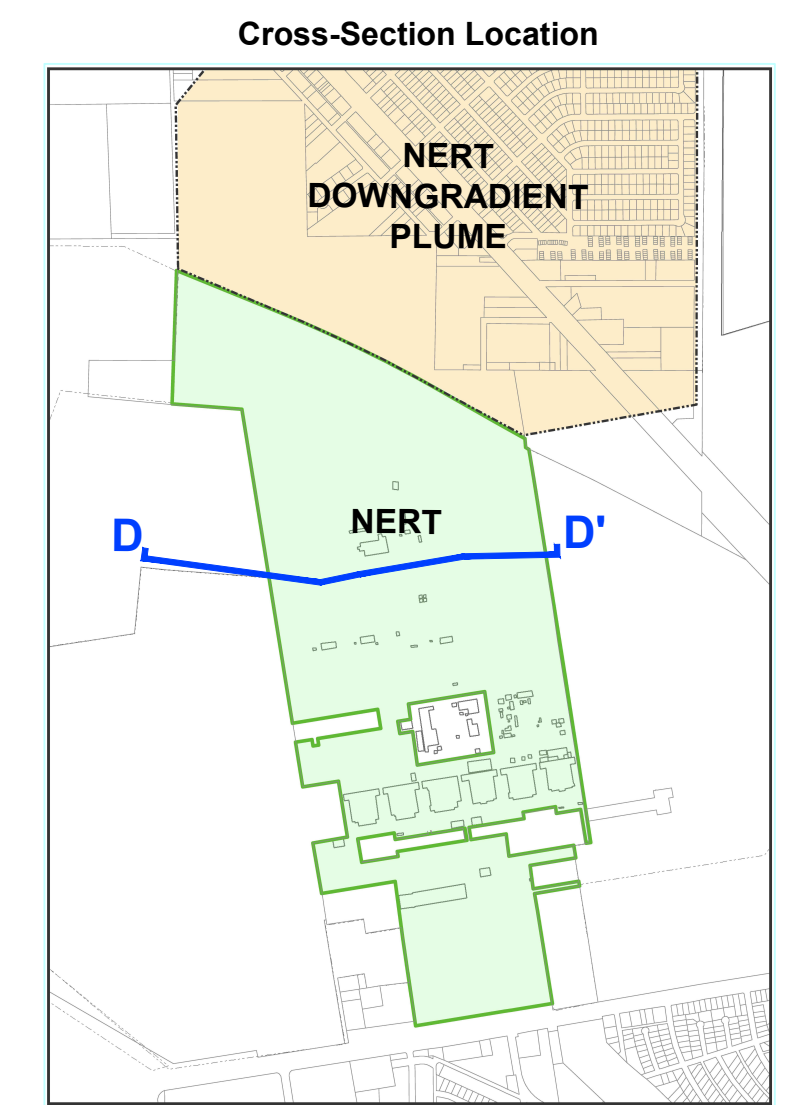
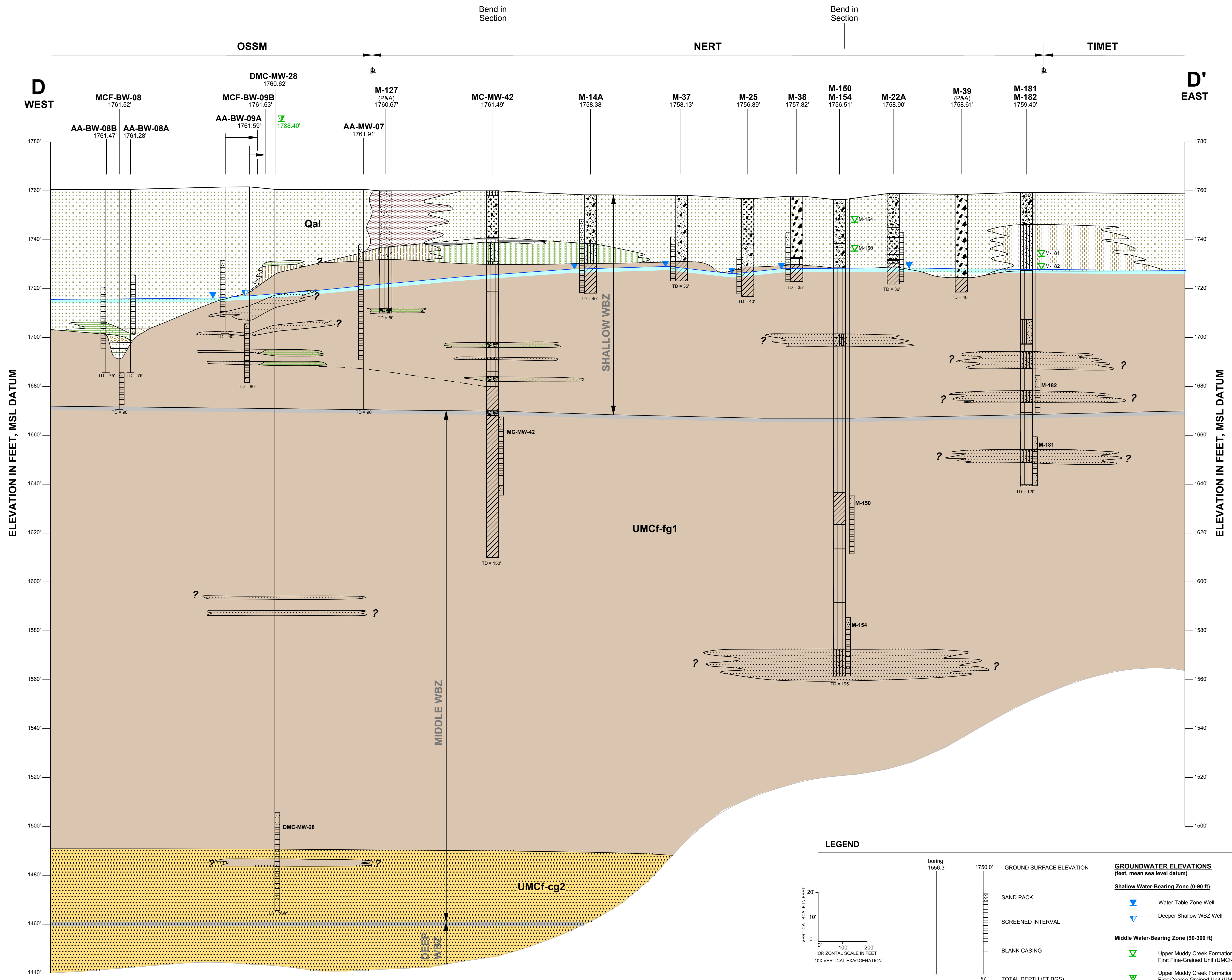
- Stratigraphic interpretation is based primarily on available boring logs from previous investigations conducted by others. Lithologic contacts are shown unbroken for clarity, but this does not imply certainty. Interpreted contact shown may be affected by projected borings. Actual subsurface conditions along the cross-section alignment may vary.
- Groundwater elevations measured March-May 2015.
- The federal Preliminary Remediation Goal (PRG) for perchlorate is 0.015 mg/L.



REV.	DATE	DR.	CH.	REVISION
<b>Schematic Subsurface Cross-Section C-C'</b> <b>Showing Perchlorate in Groundwater</b>				
Nevada Environmental Response Trust (NERT) Henderson, Nevada				
PREPARED BY: JD, RR	DATE: 4/21/16	DRAFTED BY: RS		SCALE: 1" = 200'
APPROVED BY: JD	PROJECT: 21-37300C, M08	PLATE		<b>D-2b</b>

RMSO 5/2/16 C:\DRAWINGS\2137300C\_NERT\_XSEC\_2C-C'-PERCHLORATE-2



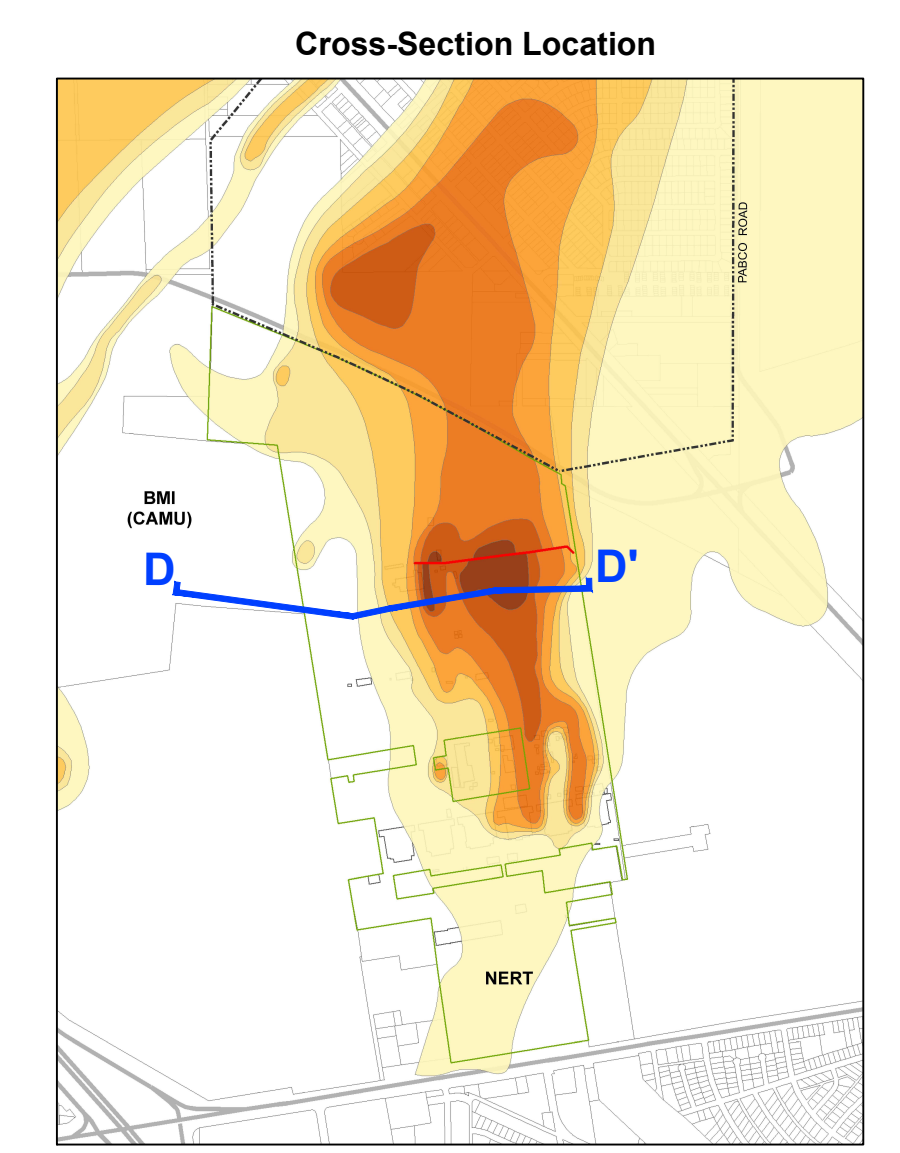
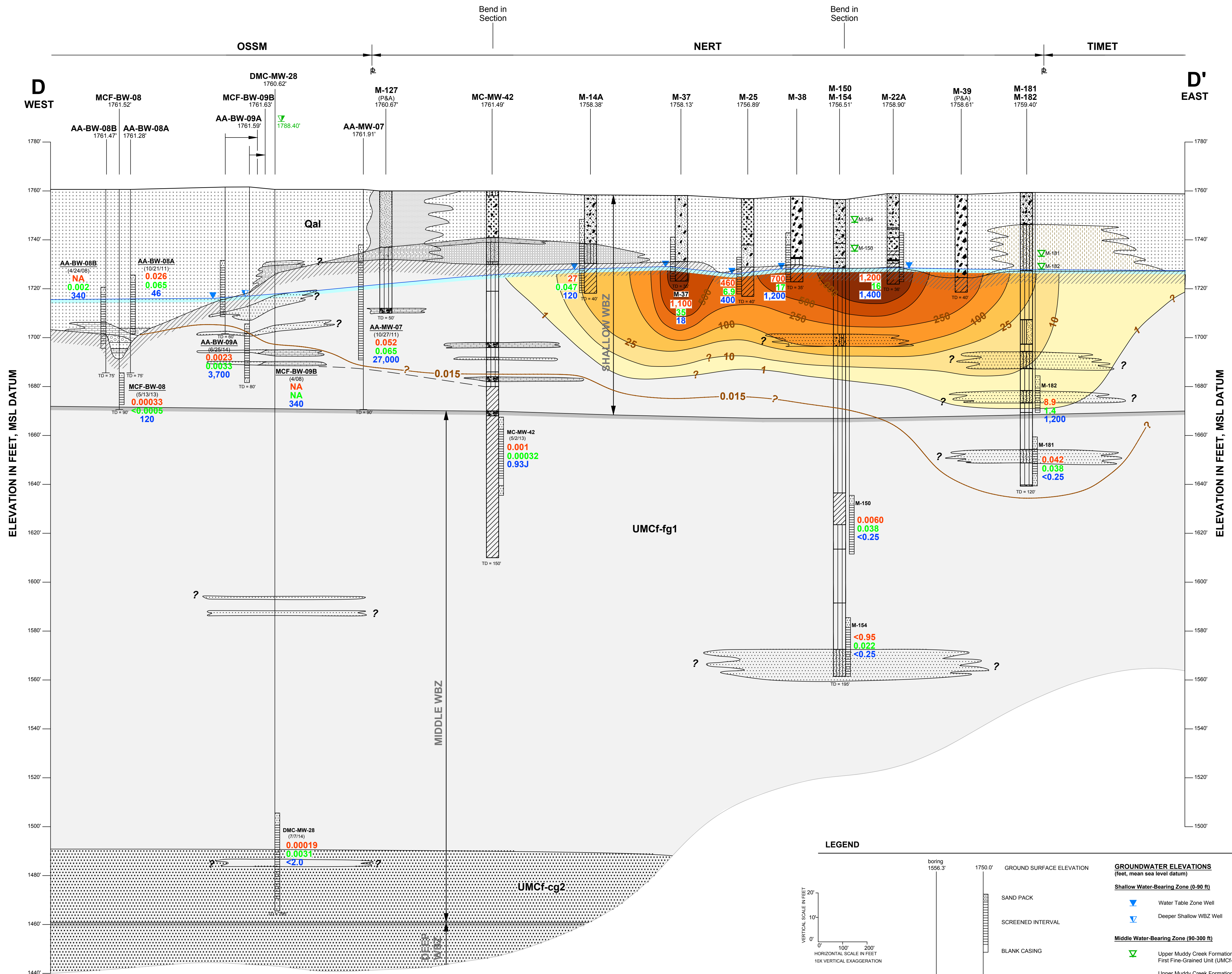


**NOTES:**

- Stratigraphic interpretation is based primarily on available boring logs from previous investigations conducted by others. Lithologic contacts are shown unbroken for clarity, but this does not imply certainty. Interpreted contact shown may be affected by projected borings. Actual subsurface conditions along the cross-section alignment may vary.
- Groundwater elevations measured March-May 2015.

REV.	DATE	DR.	CH.	REVISION
<b>Schematic Subsurface Cross-Section D-D'</b>				
Nevada Environmental Response Trust (NERT) Henderson, Nevada				
<b>RAMBOLL ENVIRON</b>				
PREPARED BY: JD, RR	DATE: 12/18/15	SCALE: 1" = 200'		PLATE
DRAFTED BY: RS	APPROVED BY: JD	PROJECT: 21-37300C, M08	D-3a	





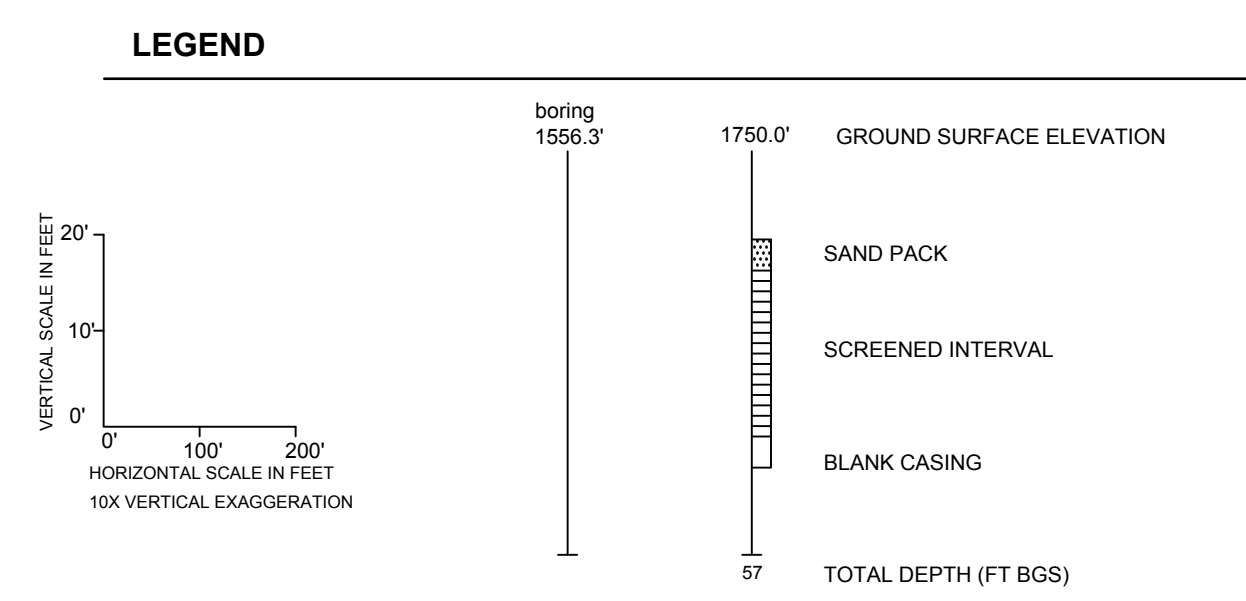
**PERCHLORATE CONCENTRATIONS**

<1 mg/L	100-250
1-10	250-500
10-25	500-1,000
25-100	>1,000 mg/L

**GROUNDWATER CONCENTRATIONS (2014-2015)**

- 210 PERCHLORATE (mg/L)
- 0.42 TOTAL CHROMIUM (mg/L)
- 80 CHLOROFORM (µg/L)

FILL	CALICHE
COBBLES/ GRAVEL	GRAVEL/ SANDY GRAVEL
SILTY SAND	CLAYEY SAND
SAND / SAND WITH GRAVEL	SANDY CLAY/ SILTY CLAY
SANDY SILT	SANDY SILT
SILTY CLAY/ CLAYEY SILT	SANDY SILT (fine to very fine sand)
SANDY SILT	SILTY SAND/ SANDY BED
SANDY SILT	SILTY SAND/ GRAVEL



**NOTES:**

- Stratigraphic interpretation is based primarily on available boring logs from previous investigations conducted by others. Lithologic contacts are shown unbroken for clarity, but this does not imply certainty. Interpreted contact shown may be affected by projected borings. Actual subsurface conditions along the cross-section alignment may vary.
- Groundwater elevations measured March-May 2015.
- The federal Preliminary Remediation Goal (PRG) for perchlorate is 0.015 mg/L.

(P&A) Plugged and Abandoned  
NA Not Analyzed  
DRY Groundwater Table is below the bottom of the well screen



REV.	DATE	DR.	CH.	REVISION
<b>Schematic Subsurface Cross-Section D-D' Showing Perchlorate in Groundwater</b>				
Nevada Environmental Response Trust (NERT) Henderson, Nevada				
<b>RAMBOLL ENVIRON</b>				
PREPARED BY: JD, RR	DATE: 12/18/15	DRAFTED BY: RS		SCALE: 1" = 200'
APPROVED BY: JD	PROJECT: 21-37300C, M08	PLATE		D-3b

RMSO 4/29/16 C:\DRAWINGS\2137300C\_NERT\_XSEC\_3D-3D-PERCHLORATE >

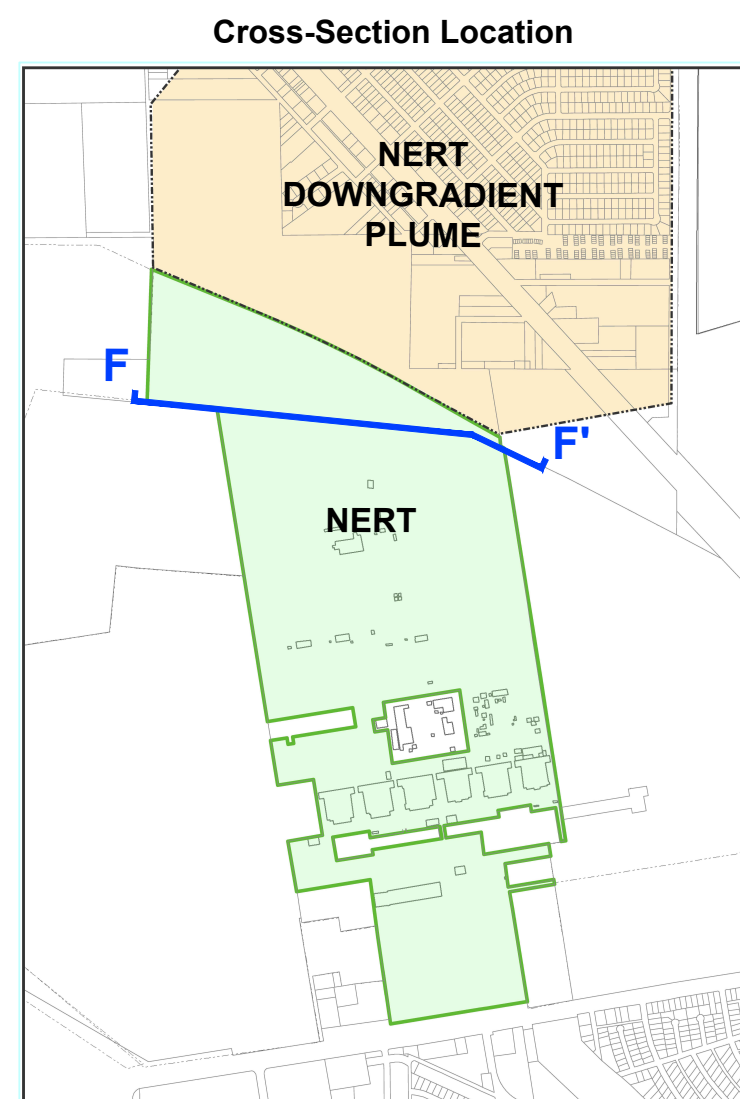
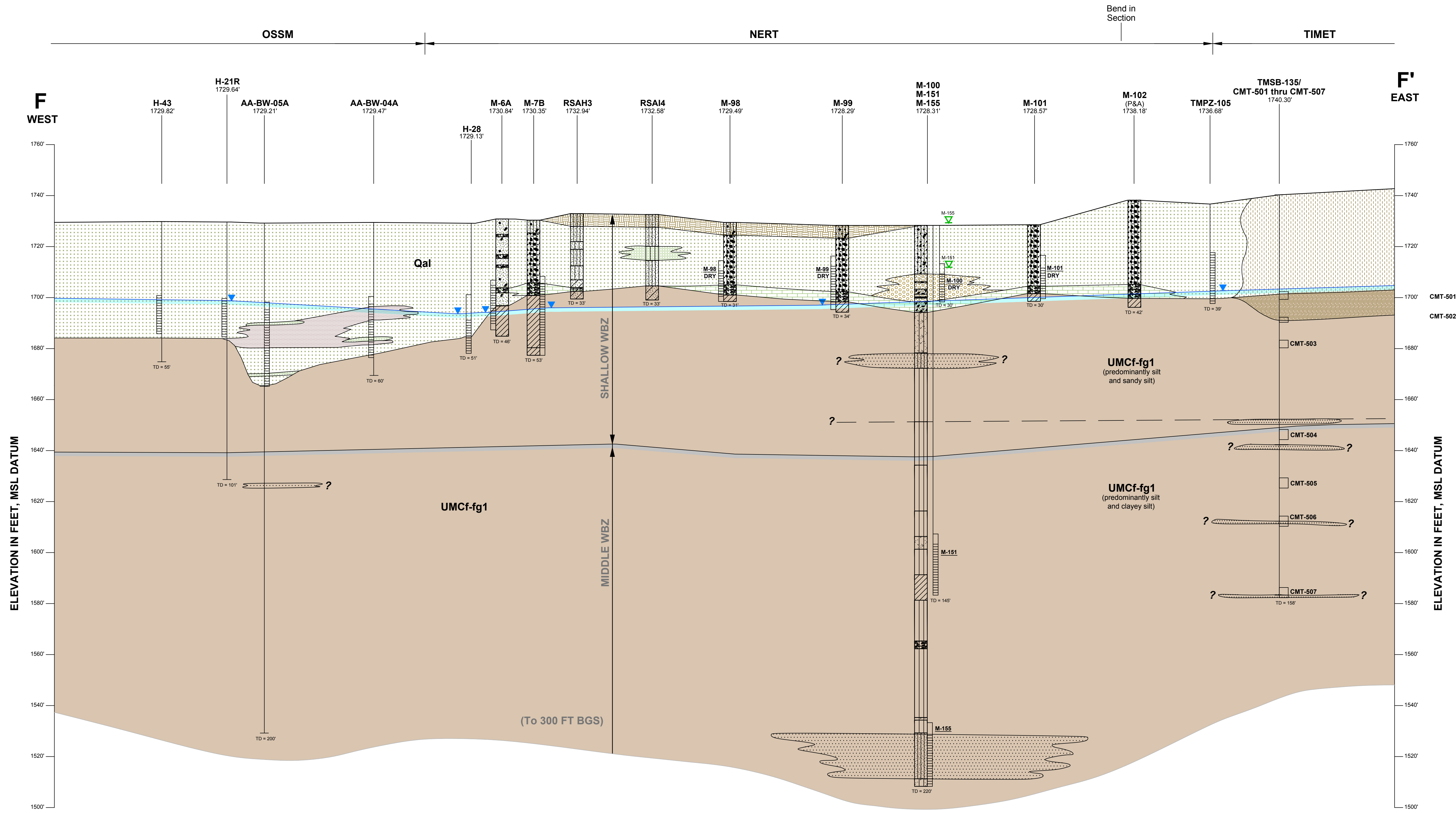






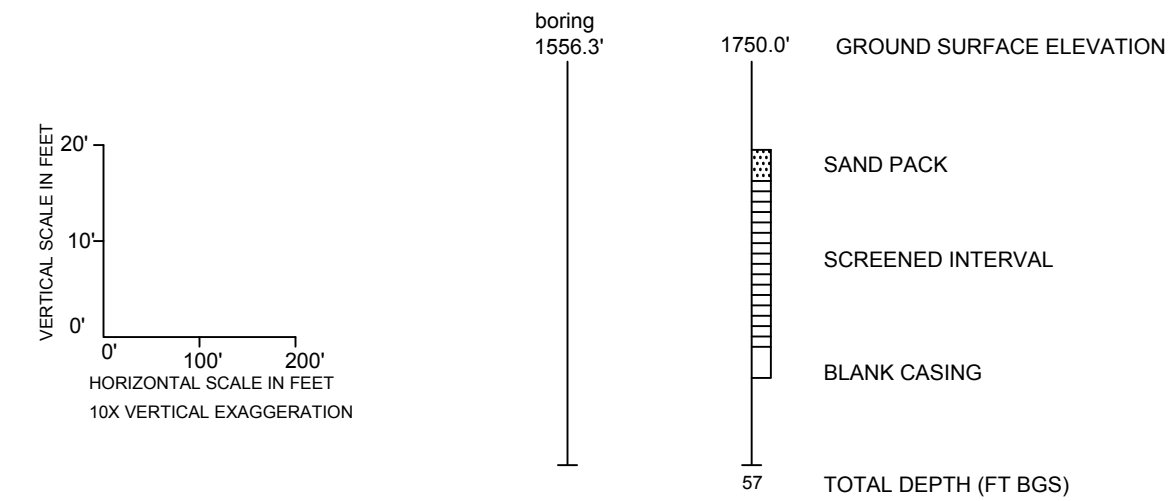






**LEGEND**

FILL	CALICHE
COBBLES/ GRAVEL	GRAVEL/ SANDY GRAVEL
SILTY SAND	CLAYEY SAND
SILTY SAND / SILTY GRAVEL	SAND / SAND WITH GRAVEL
SANDY CLAY/ SILTY CLAY	SANDY SILT
SILTY CLAY/ CLAYEY SILT	SANDY SILT (fine to very fine sand)
SILTY SAND/ SANDY BED	SILTY SAND/ GRAVEL



**NOTES:**

- Stratigraphic interpretation is based primarily on available boring logs from previous investigations conducted by others. Lithologic contacts are shown unbroken for clarity, but this does not imply certainty. Interpreted contact shown may be affected by projected borings. Actual subsurface conditions along the cross-section alignment may vary.
- Groundwater elevations measured March-May 2015.

(P&A) Plugged and Abandoned  
 DRY Groundwater table is below the bottom of the well screen

**GROUNDWATER ELEVATIONS**  
(feet, mean sea level datum)

**Shallow Water-Bearing Zone (0-90 ft)**

- Water Table Zone Well
- Deeper Shallow WBZ Well

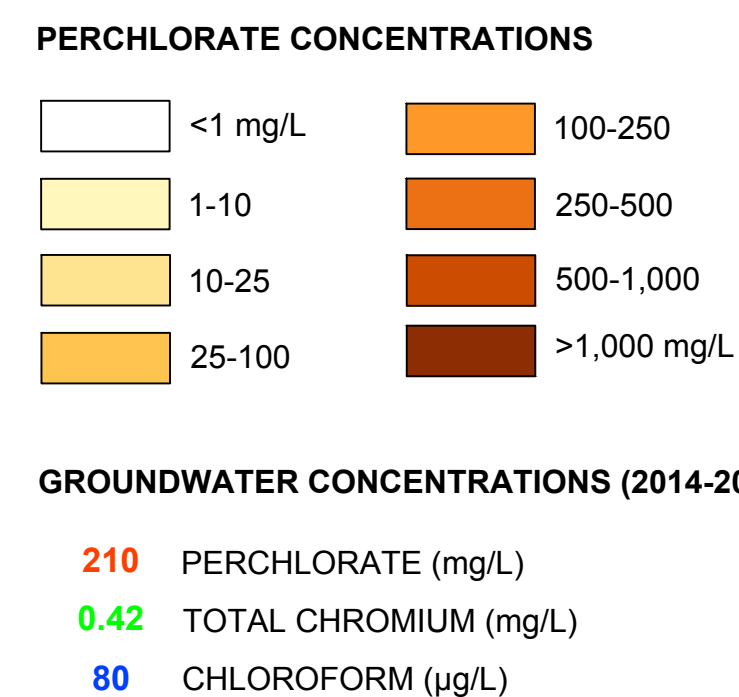
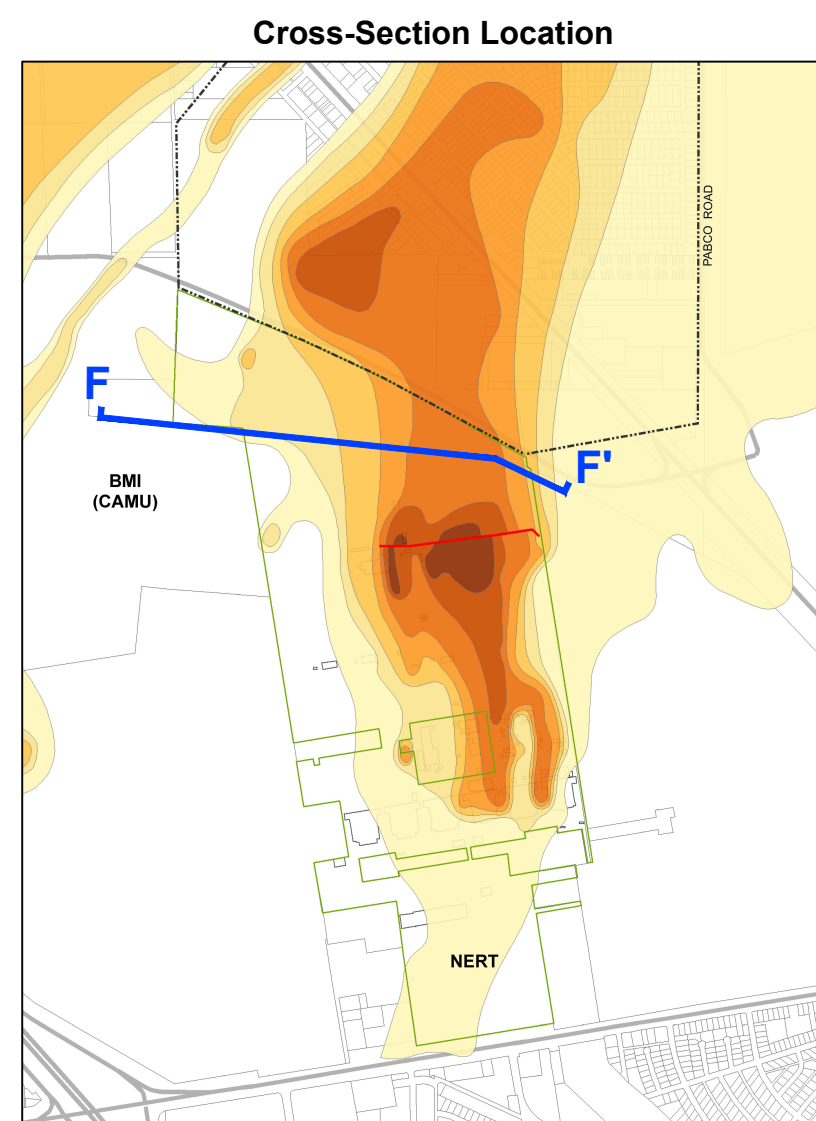
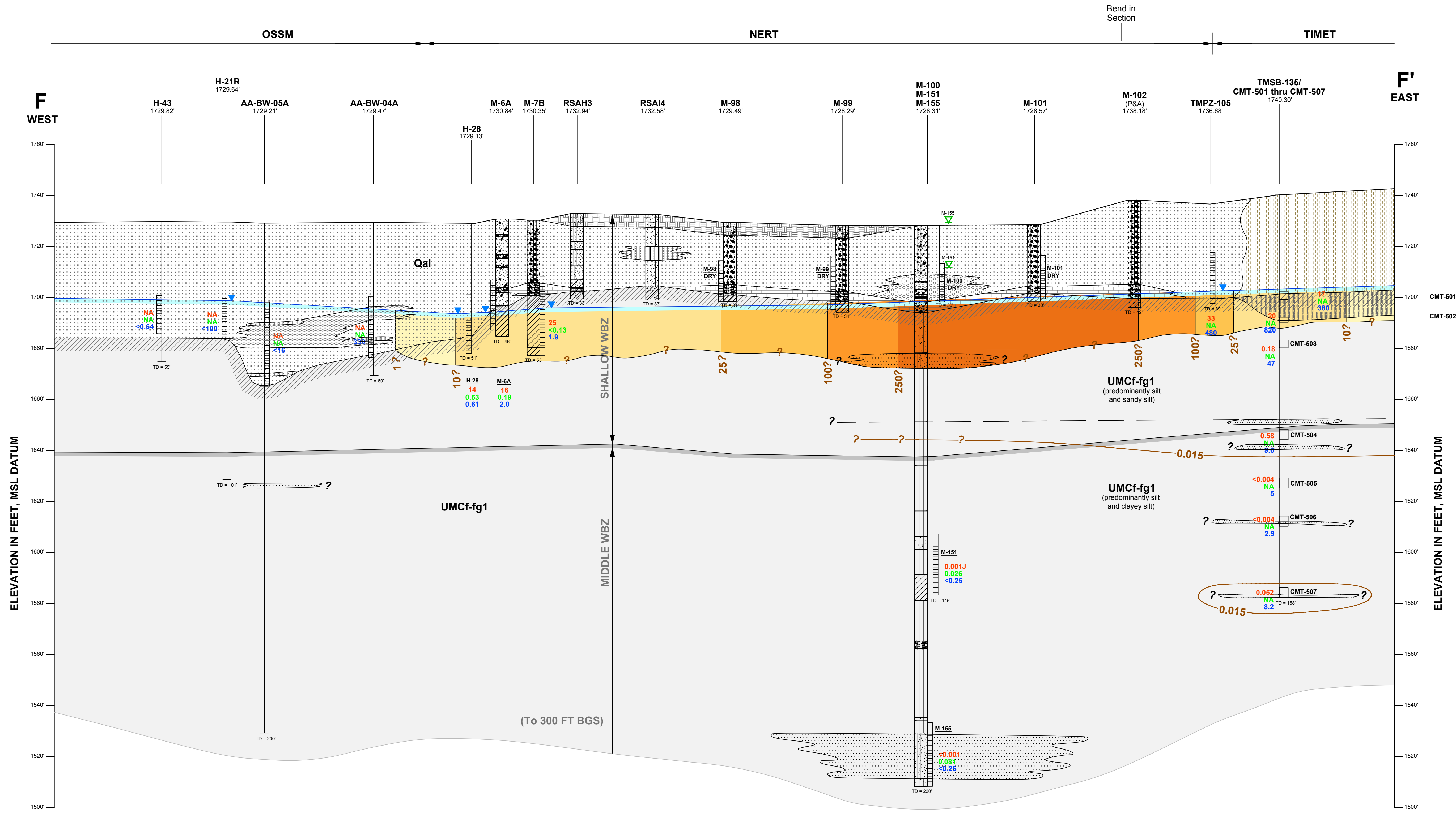
**Middle Water-Bearing Zone (90-300 ft)**

- Upper Muddy Creek Formation, First Fine-Grained Unit (UMCF-fg1)
- Upper Muddy Creek Formation, First Coarse-Grained Unit (UMCF-cg1)
- Upper Muddy Creek Formation, Second Coarse-Grained Unit (UMCF-cg2)



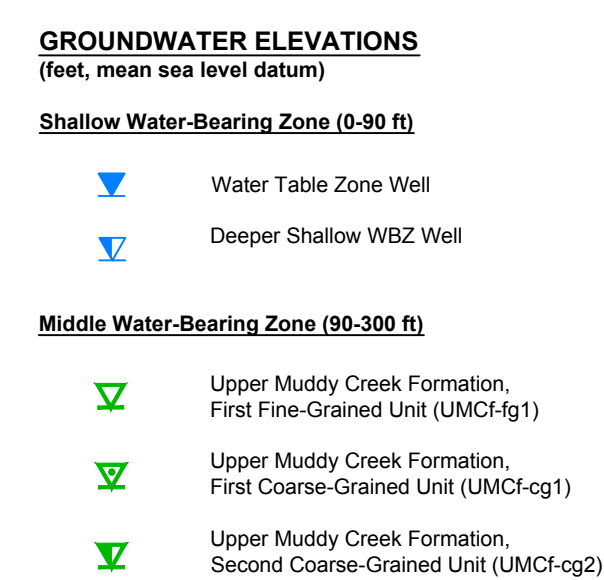
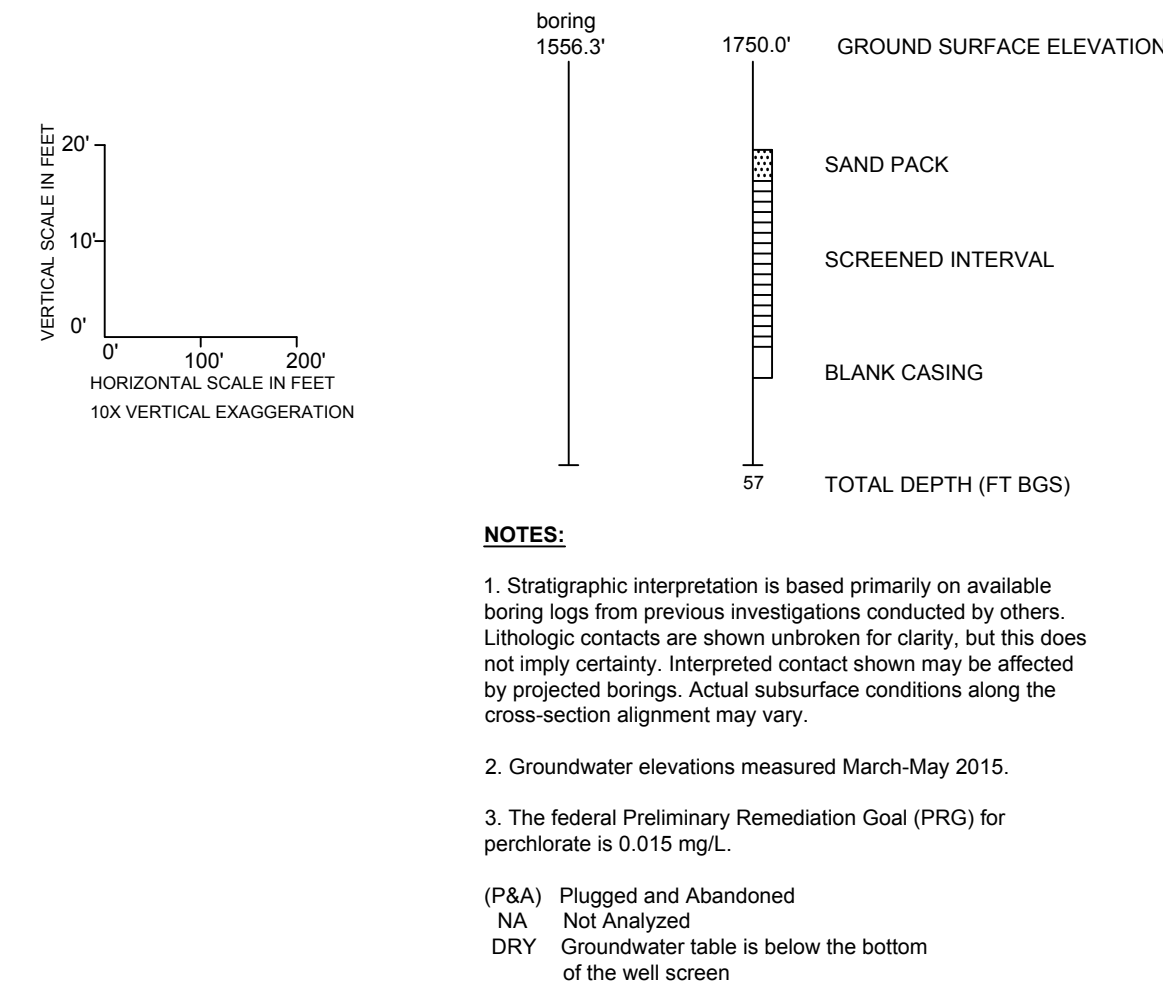
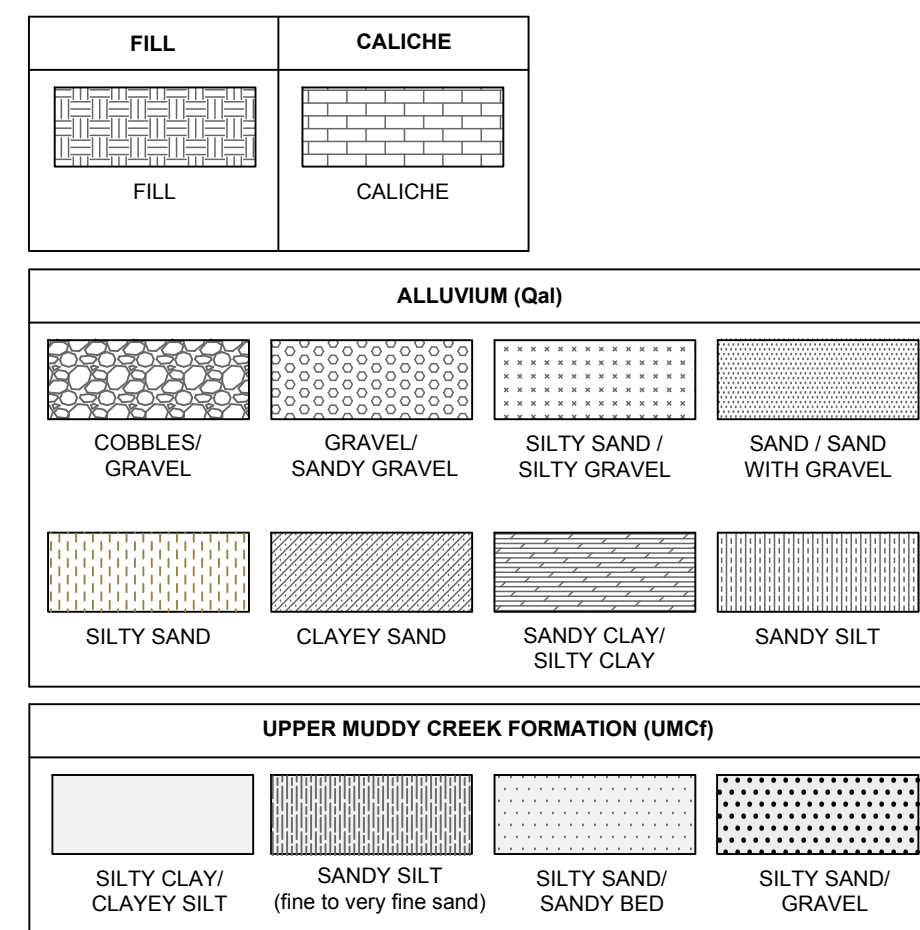
REV.	DATE	DR.	CH.	REVISION
<b>Schematic Subsurface Cross-Section F-F'</b>				
Nevada Environmental Response Trust (NERT) Henderson, Nevada				
PREPARED BY: JD, RR	DATE: 11/11/15	SCALE: 1" = 200'		PLATE
DRAFTED BY: RS	PROJECT: 21-37300C, M08			D-5a
APPROVED BY: JD				





**Notes:**  
 1. Data for TIMET wells TMPZ-105 and CMT-501 thru CMT-507 are from March-April 2008.  
 2. NA - Not Analyzed.

**LEGEND**



REV.	DATE	DR.	CH.	REVISION
<b>Schematic Subsurface Cross-Section F-F' Showing Perchlorate in Groundwater</b>				
Nevada Environmental Response Trust (NERT) Henderson, Nevada				
PREPARED BY: JD, RR	DATE: 12/18/15	DRAFTED BY: RS		SCALE: 1" = 200'
APPROVED BY: JD	PROJECT: 21-37300C, M08			PLATE <b>D-5b</b>

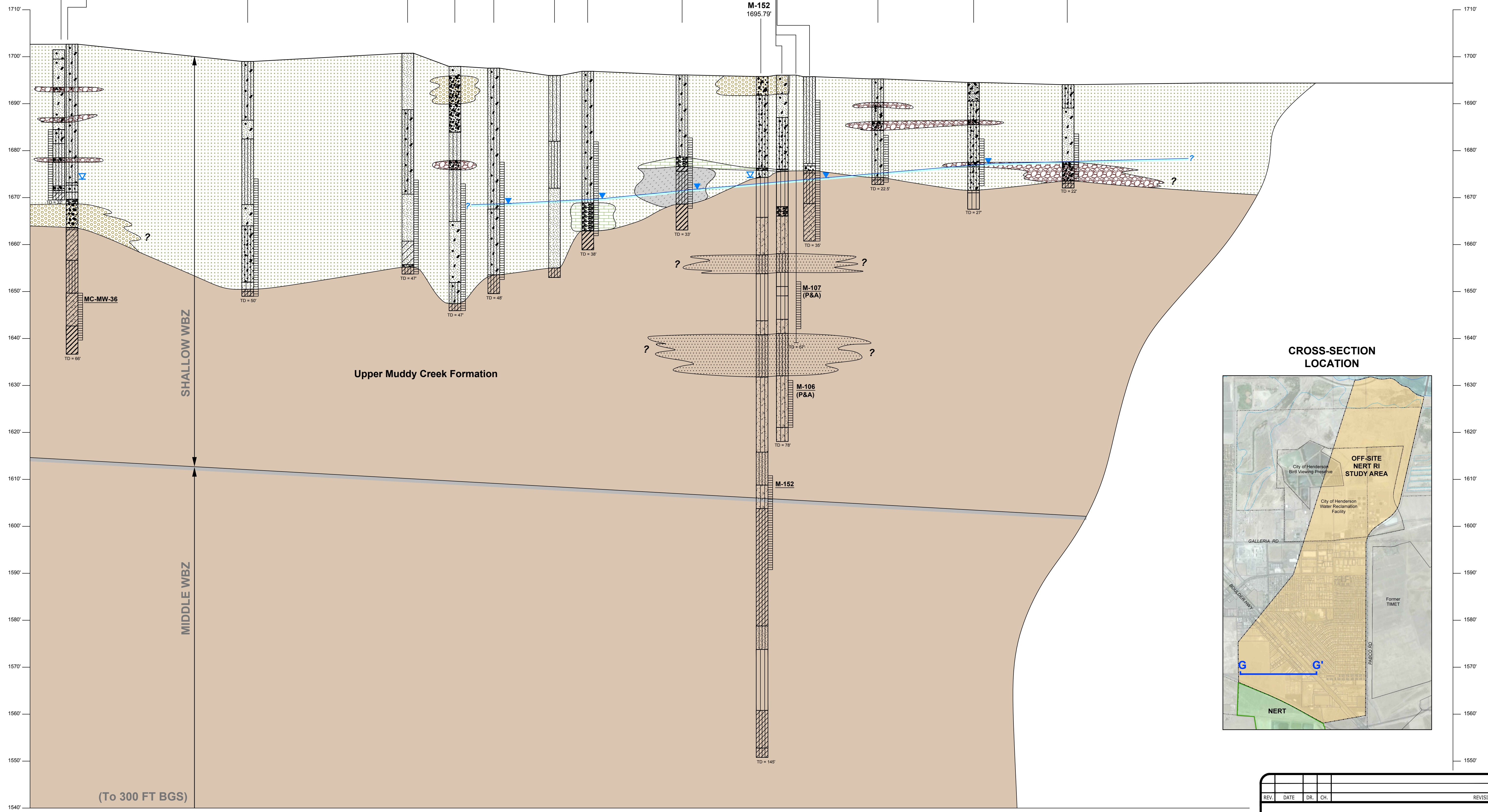


G

WEST

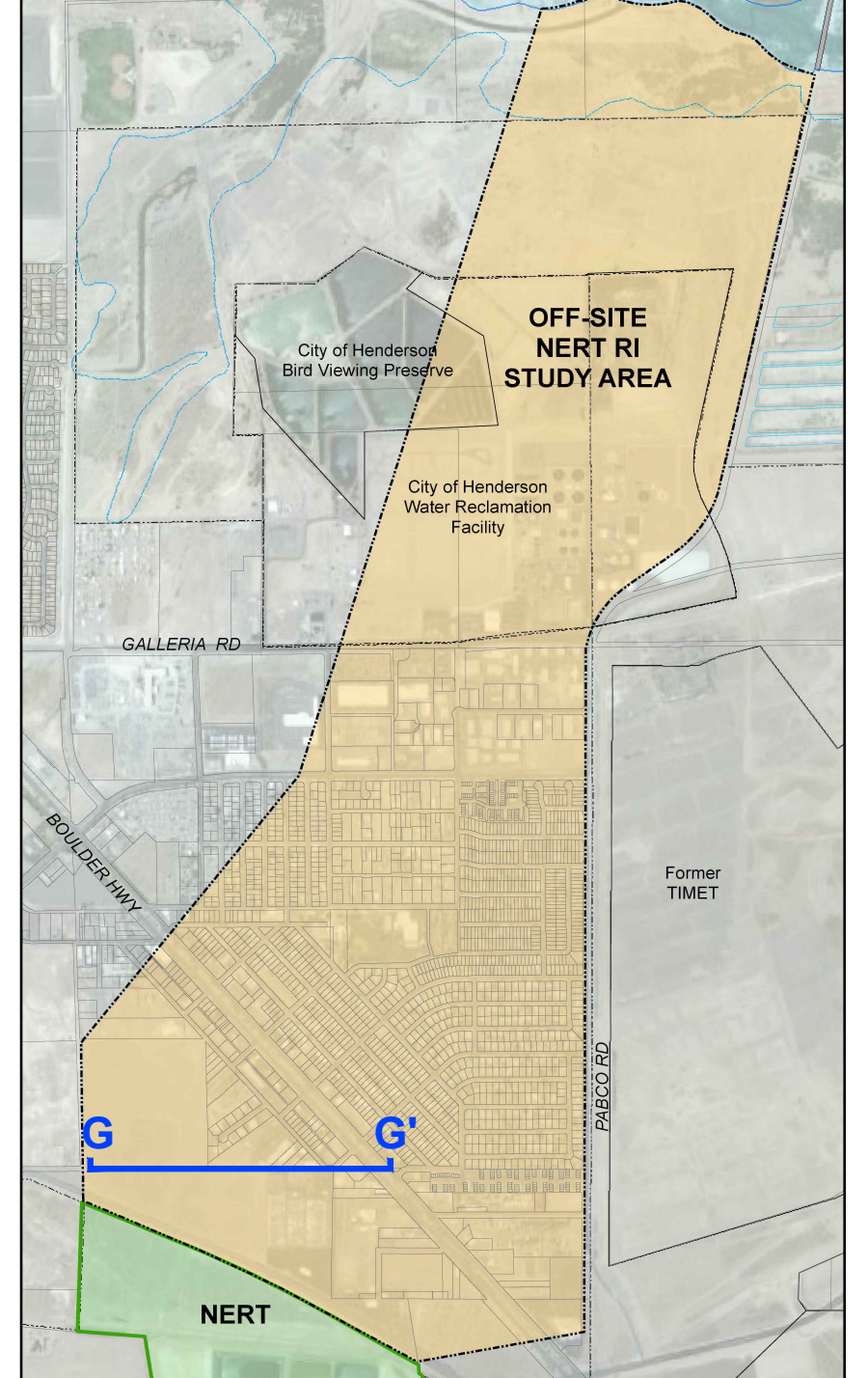
G'

EAST



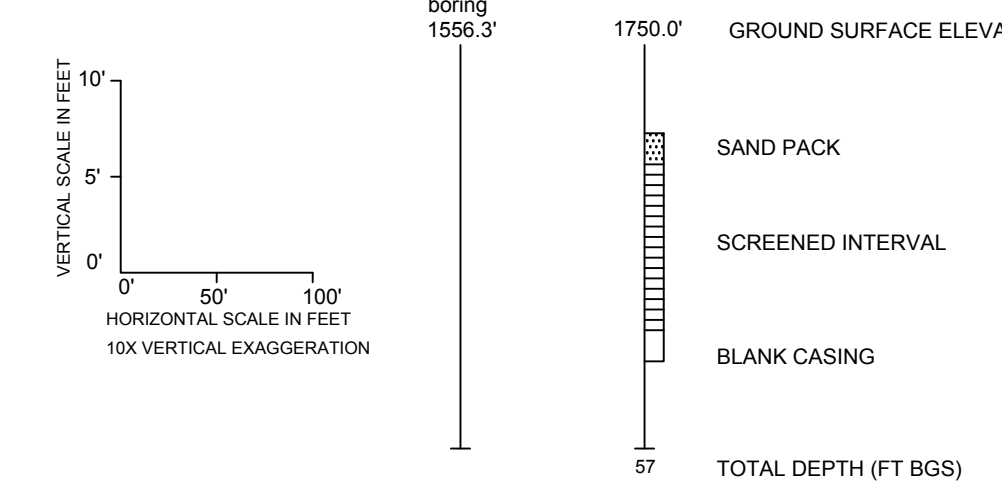
N. Boulder Highway

CROSS-SECTION LOCATION



LEGEND

FILL	CALICHE	ALLUVIUM					UPPER MUDDY CREEK FORMATION				
FILL	CALICHE	COBBLES/ GRAVEL	GRAVEL/ SANDY GRAVEL	SILTY SAND / GRAVEL	SAND/ SAND WITH GRAVEL	SILTY SAND	CLAYEY SAND	SANDY CLAY/ SILTY CLAY	SANDY SILT	SILTY CLAY/ CLAYEY SILT	SILTY SAND/ SANDY BED



- ▼ GROUNDWATER LEVELS MEASURED APRIL - JUNE 2014
- ▼ DEEPER WELL
- NOTES:
- Groundwater levels were not measured in shallow wells M-94, M-96, MC-60, MC-62, MC-63, MC-64, and MC-66 and deeper wells M-106 and M-107 in Second Quarter 2014.
  - Stratigraphic interpretation is based primarily on available boring logs from previous investigations conducted by others. Lithologic contacts are shown unbroken for clarity, but this does not imply certainty. Interpreted contact shown may be affected by projected borings. Actual subsurface conditions along the cross-section alignment may vary.
  - \* - Groundwater elevation is from May 2012.
  - (P&A) Plugged and Abandoned.



REV.	DATE	DR.	CH.	REVISION

**Schematic Subsurface Cross-Section G-G'**

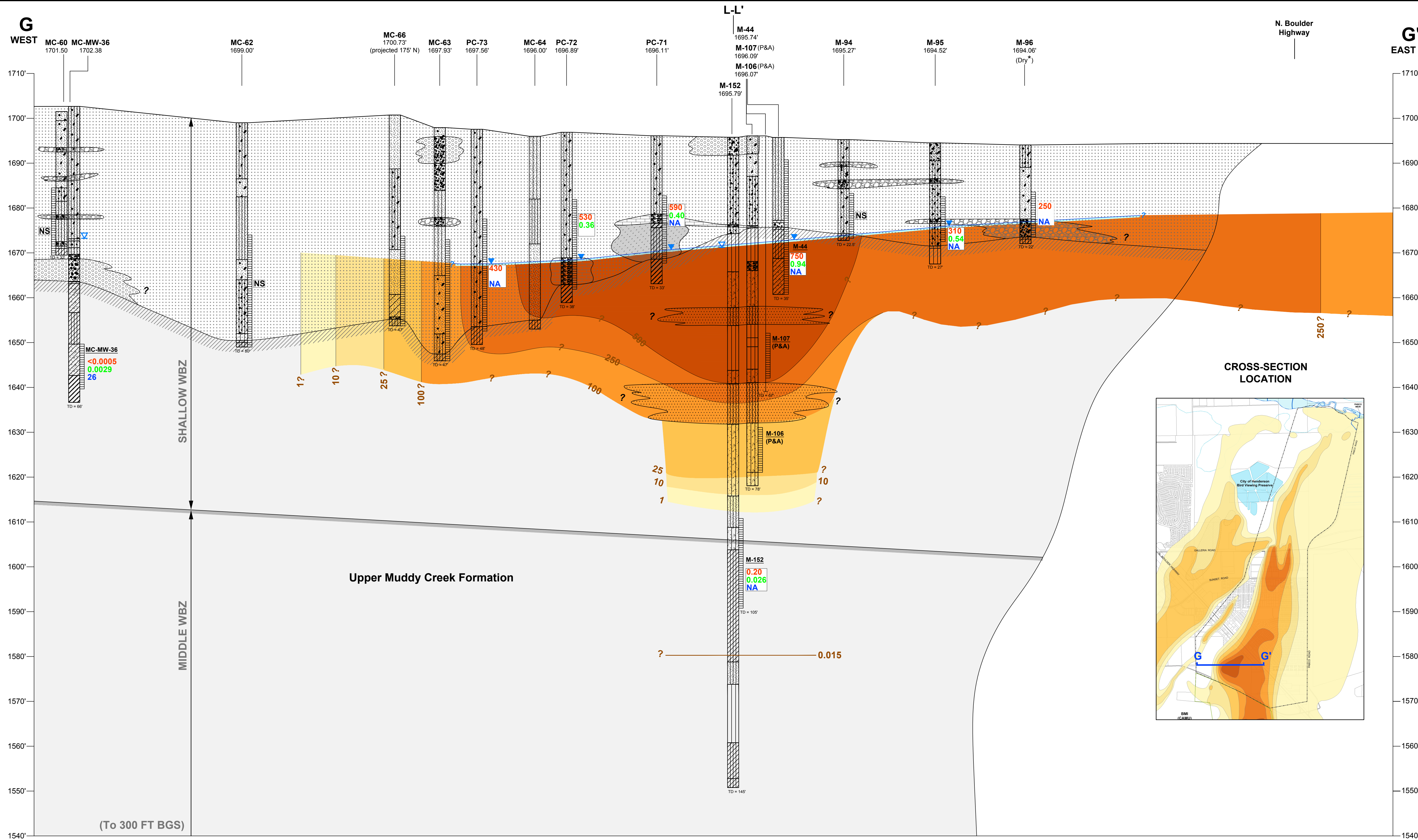
Nevada Environmental Response Trust (NERT)  
Henderson, Nevada

**RAMBOLL ENVIRON**

PREPARED BY: JD, RR      DATE: 7/30/2015      PLATE  
 DRAFTED BY: RS      SCALE: 1" = 100'      D-6a  
 APPROVED BY: JD      PROJECT: 21-38800C, M08

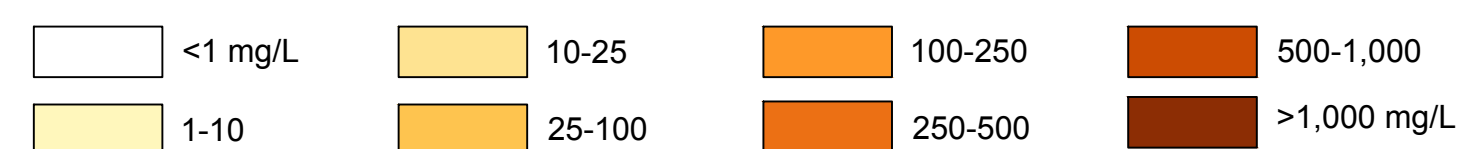
RMSO 5/2/16  
C:\DRAWINGS\2137900C\_NERT\_XSEC - 2137900\_XSEC\_G-G'



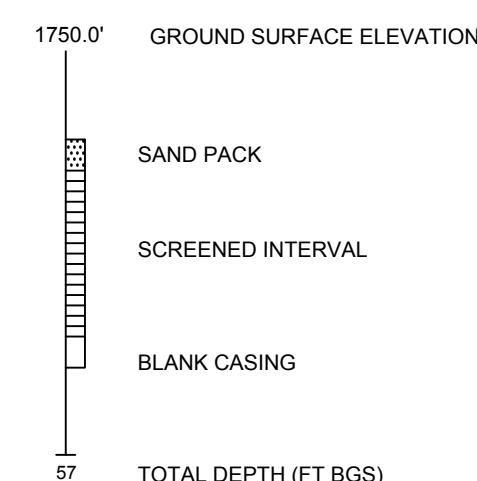
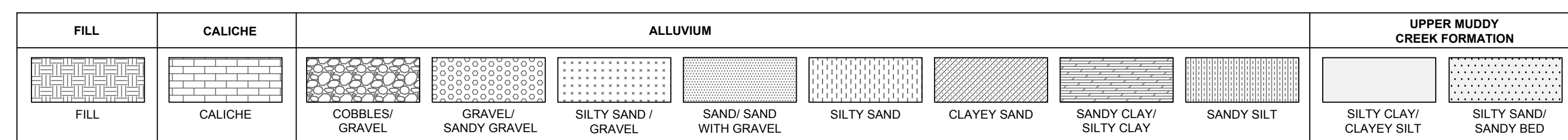


**LEGEND**

**PERCHLORATE CONCENTRATIONS**



**STRATIGRAPHIC UNITS AND SOIL TYPES**



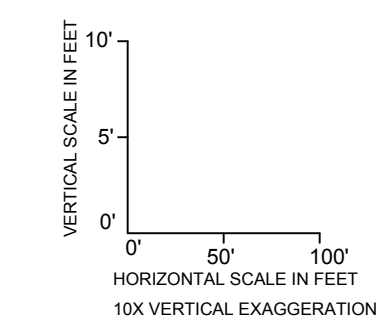
▼ GROUNDWATER LEVELS MEASURED APRIL - JUNE 2015

(P&A) PLUGGED AND ABANDONED

**GROUNDWATER CONCENTRATIONS, 2012-2015**

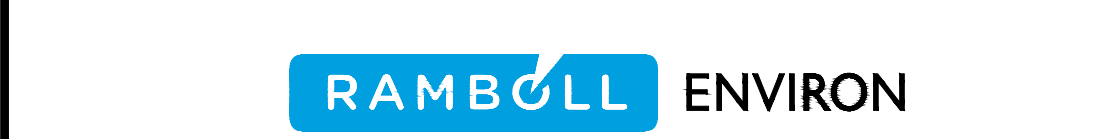
- 210 PERCHLORATE (mg/L)
- 0.42 TOTAL CHROMIUM (mg/L)
- 80 CHLOROFORM (µg/L) (JANUARY 2015)

**Notes:**  
 NA - Not Analyzed  
 ND - Not Detected  
 NS - Not Sampled  
 \* - Groundwater elevation and data for well M-96 are from May 2012.  
 1. The federal Preliminary Remediation Goal (PRG) for perchlorate is 0.015 mg/L.



**Schematic Subsurface Cross-Section G-G' Showing Perchlorate in Groundwater**

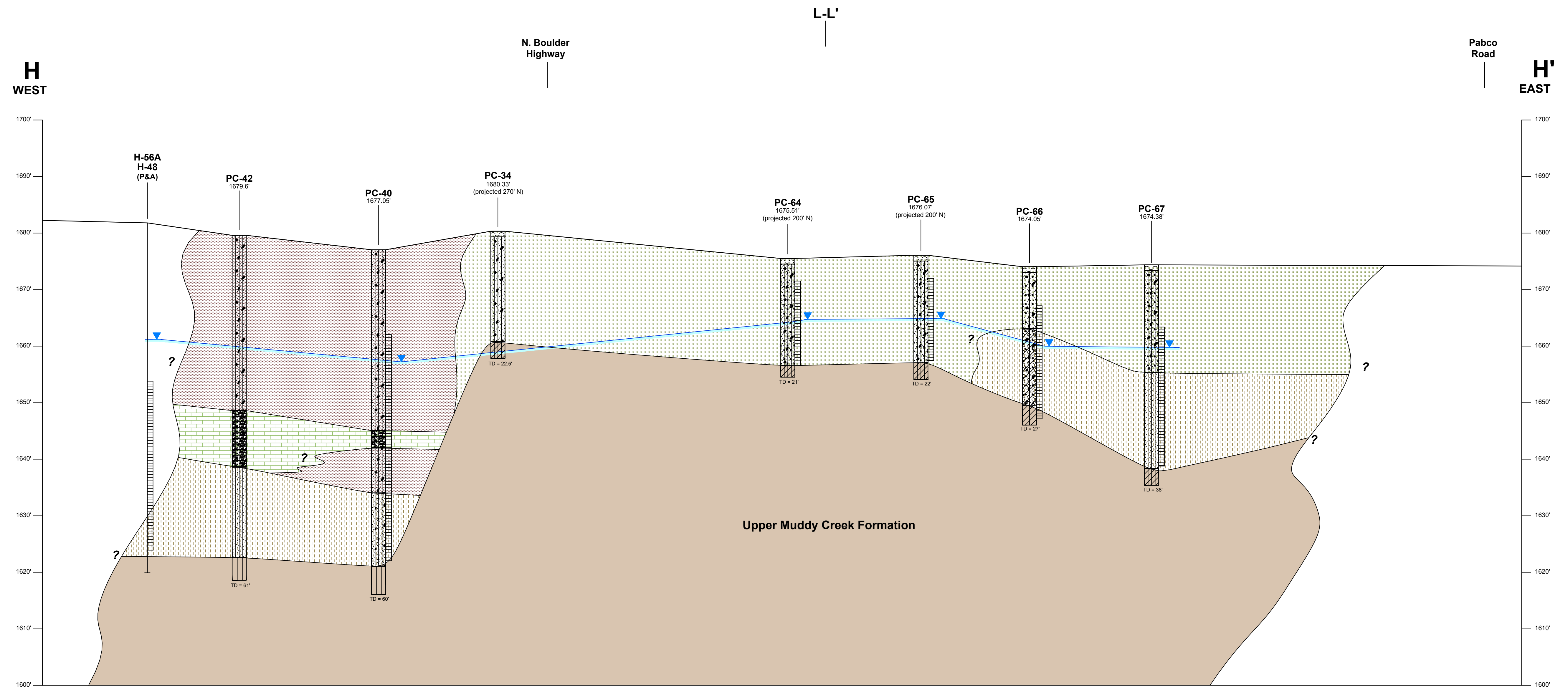
Nevada Environmental Response Trust (NERT)  
 Henderson, Nevada



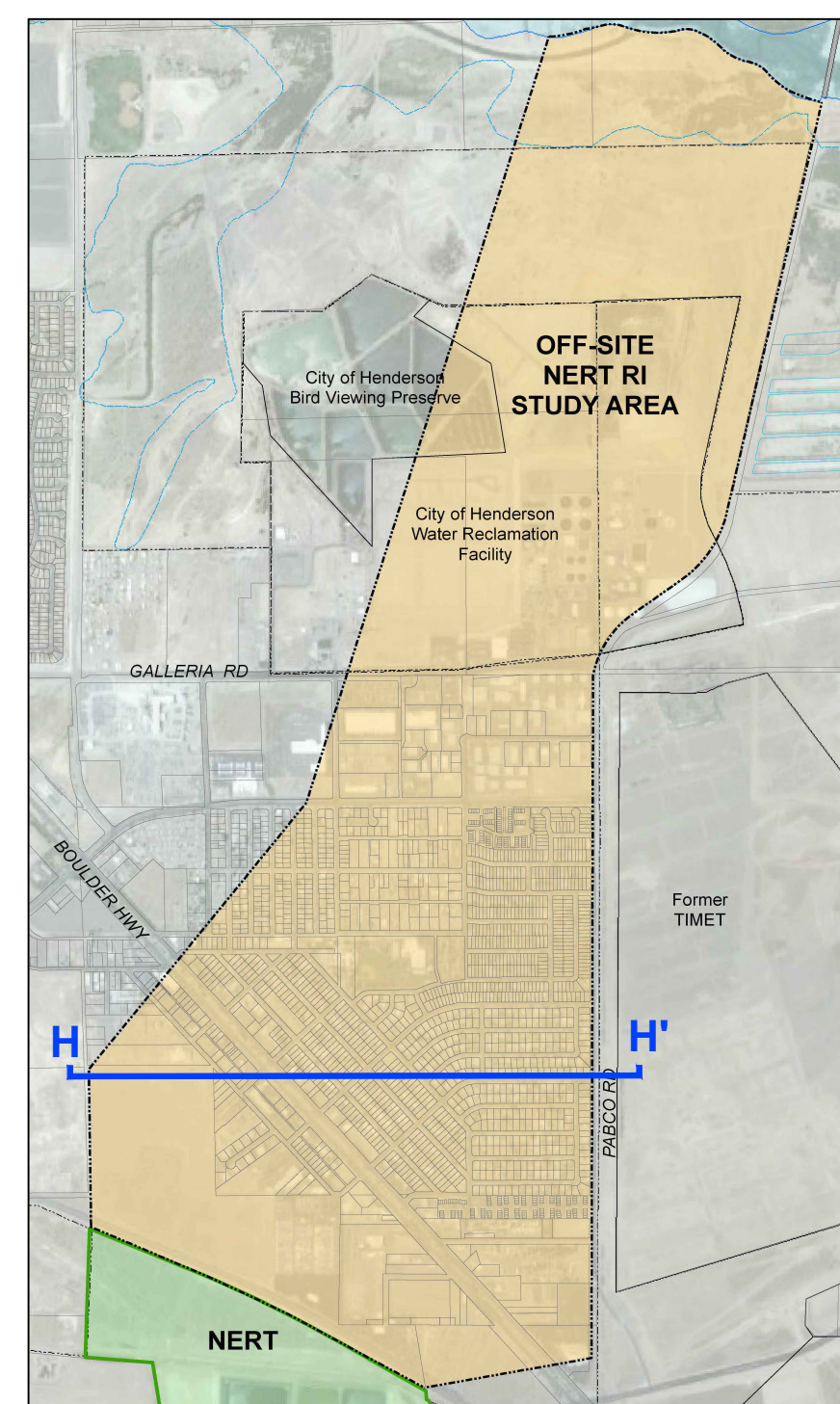
PREPARED BY: JD, RR	DATE: 4/5/16	PLATE <b>D-6b</b>
DRAFTED BY: RS	SCALE: 1" = 100'	
APPROVED BY: JD	PROJECT: 21-38800C, M08	

RMSO 5/2/16  
 C:\DRAWINGS\213790C\_NERT\_XSEC - 213790C\_XSEC\_G-G' PERCHLORATE.2



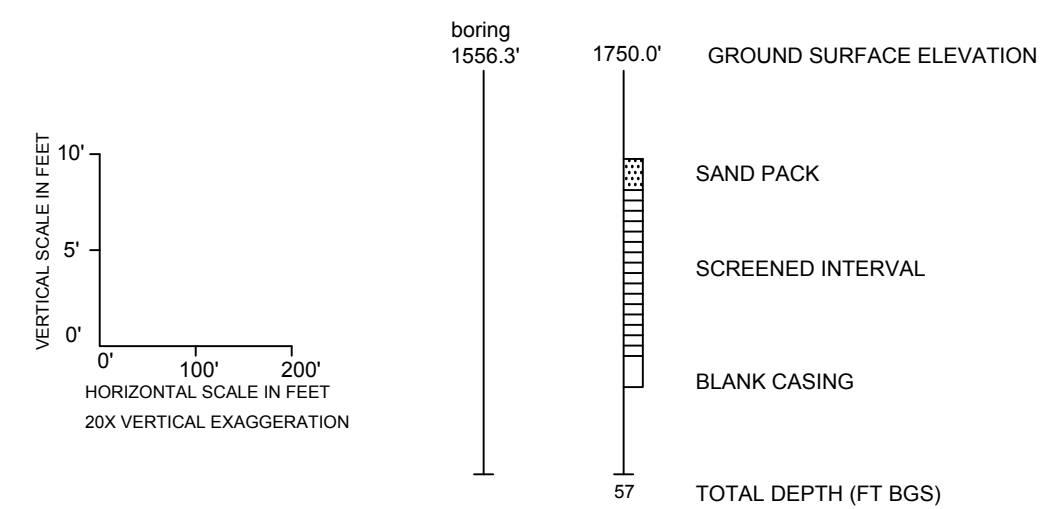
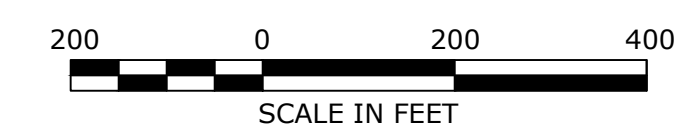


**CROSS-SECTION LOCATION**



**LEGEND**

FILL	CALICHE	ALLUVIUM							UPPER MUDDY CREEK FORMATION		
FILL	CALICHE	COBBLES/ GRAVEL	GRAVEL/ SANDY GRAVEL	SILTY SAND / GRAVEL	SAND/ SAND WITH GRAVEL	SILTY SAND	CLAYEY SAND	SANDY CLAY/ SILTY CLAY	SANDY SILT	SILTY CLAY/ CLAYEY SILT	SILTY SAND/ SANDY BED



▼ GROUNDWATER LEVELS MEASURED APRIL - JUNE 2014

**NOTES:**

1.\* The boring log and well completion for Well H-48 were not available.

2. Stratigraphic interpretation is based primarily on available boring logs from previous investigations conducted by others. Lithologic contacts are shown unbroken for clarity, but this does not imply certainty. Interpreted contact shown may be affected by projected borings. Actual subsurface conditions along the cross-section alignment may vary.

REV.	DATE	DR.	CH.	REVISION

**Schematic Subsurface Cross-Section H-H'**

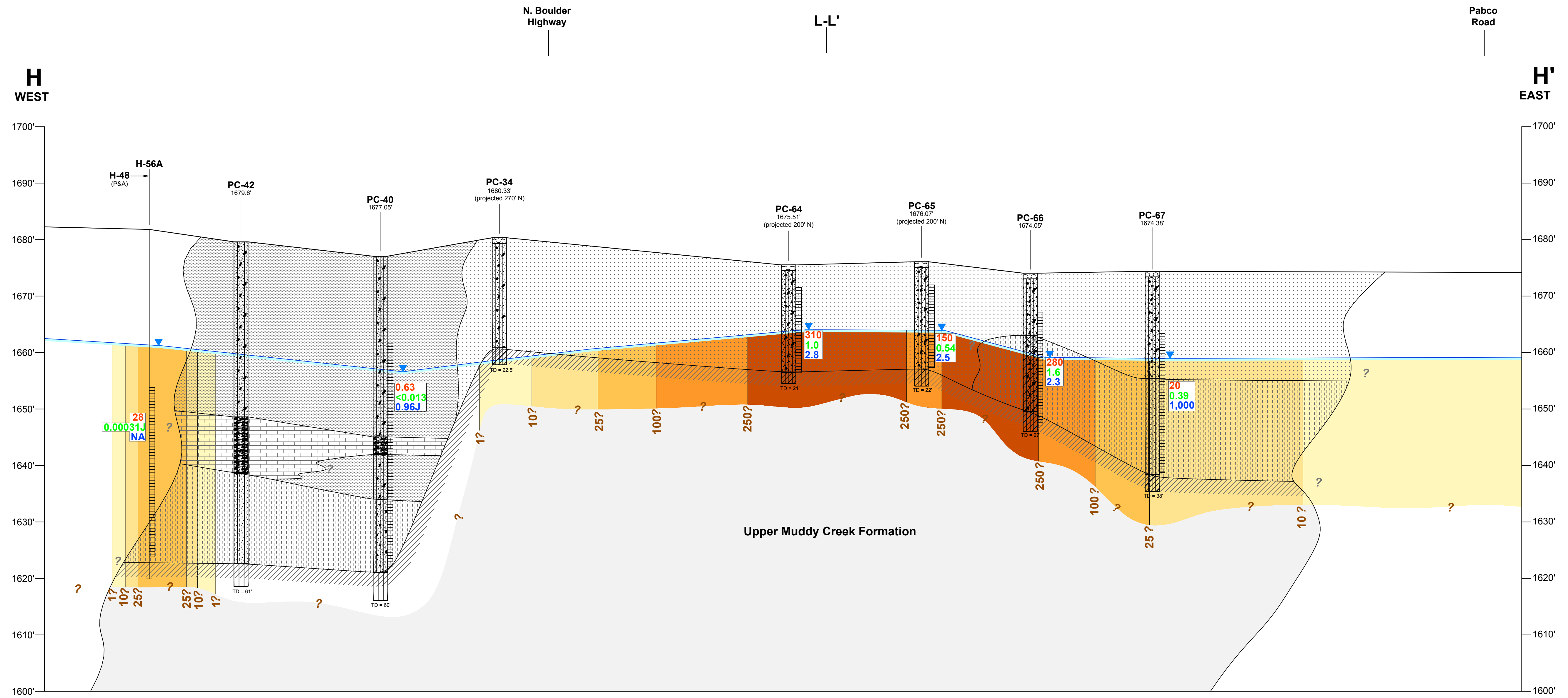
Nevada Environmental Response Trust (NERT)  
Henderson, Nevada

**RAMBOLL ENVIRON**

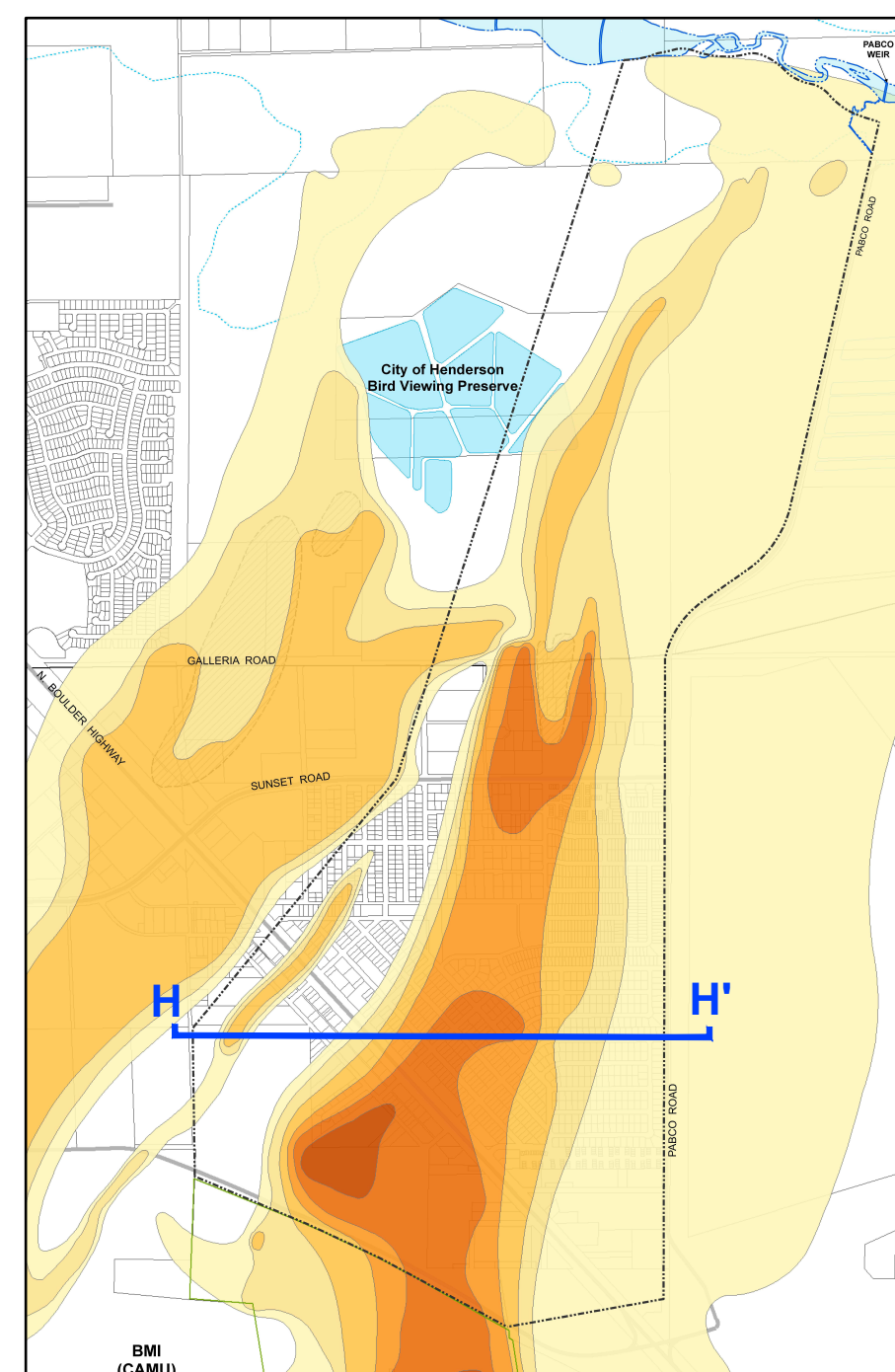
PREPARED BY: JD, RR	DATE: 7/20/2015	PLATE <b>D-7a</b>
DRAFTED BY: RS	SCALE: 1" = 200'	
APPROVED BY: JD	PROJECT: 21-38800C, M08	

RMSO 5/2/16 C:\DRAWINGS\2137900C\_NERT\_XSEC - 2137900\_XSEC\_H-H' >



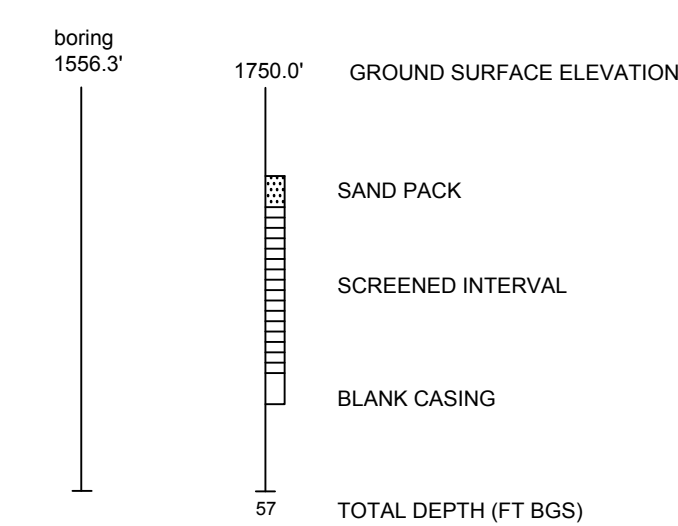
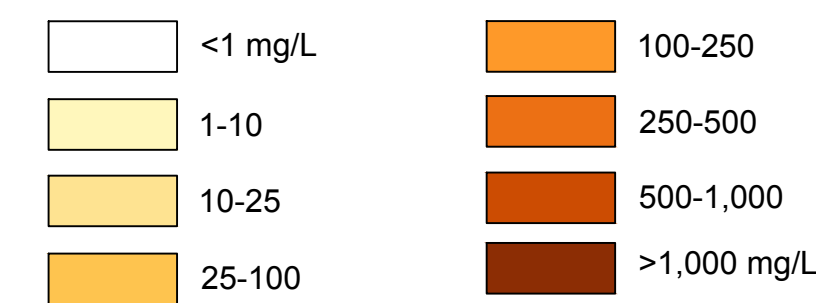


**CROSS-SECTION LOCATION**



**LEGEND**

**PERCHLORATE CONCENTRATIONS**



▼ GROUNDWATER LEVELS MEASURED APRIL - JUNE 2014

(P&A) PLUGGED AND ABANDONED

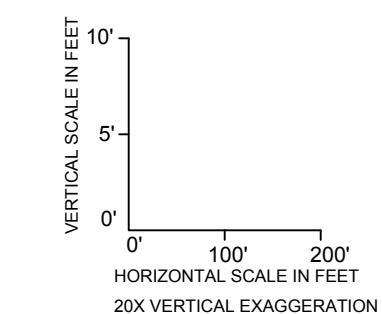
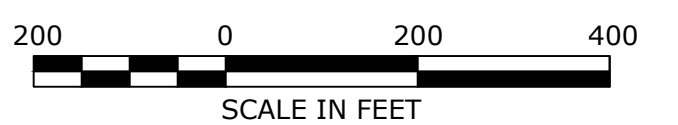
**GROUNDWATER CONCENTRATIONS, 2012-2015**

- 210 PERCHLORATE (mg/L)
- 0.42 TOTAL CHROMIUM (mg/L)
- 80 CHLOROFORM (µg/L) (JANUARY 2015)

**Notes:**  
 NA - Not Analyzed  
 ND - Not Detected  
 NS - Not Sampled  
 1. The federal Preliminary Remediation Goal (PRG) for perchlorate is 0.015 mg/L.

**STRATIGRAPHIC UNITS AND SOIL TYPES**

FILL	CALICHE	ALLUVIUM							UPPER MUDDY CREEK FORMATION		
FILL	CALICHE	COBBLES/ GRAVEL	GRAVEL/ SANDY GRAVEL	SILTY SAND / GRAVEL	SAND/ SAND WITH GRAVEL	SILTY SAND	CLAYEY SAND	SANDY CLAY/ SILTY CLAY	SANDY SILT	SILTY CLAY/ CLAYEY SILT	SILTY SAND/ SANDY BED



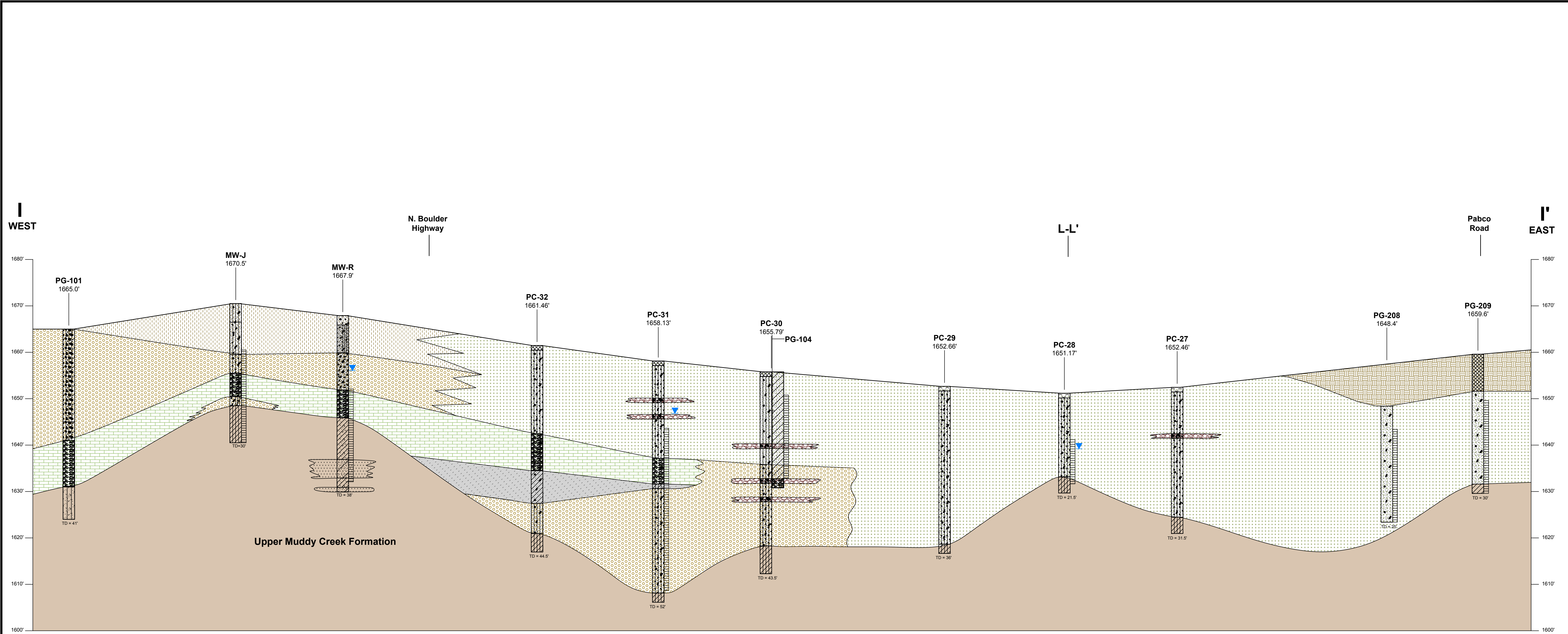
**Schematic Subsurface Cross-Section H-H' Showing Perchlorate in Groundwater**

Nevada Environmental Response Trust (NERT)  
 Henderson, Nevada

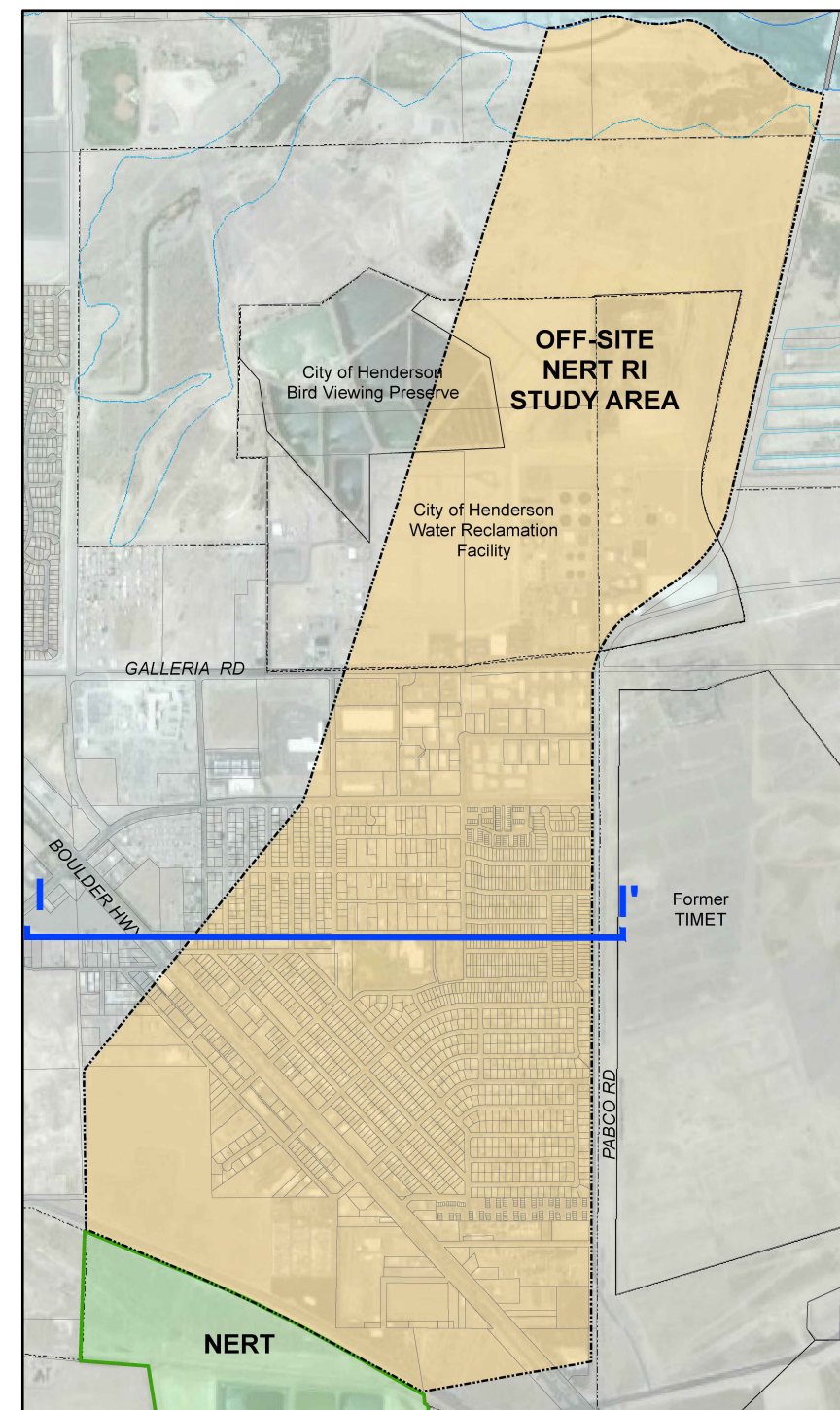


PREPARED BY: JD, RR	DATE: 7/20/2015	PLATE
DRAFTED BY: RS	SCALE: 1" = 200'	D-7b
APPROVED BY: JD	PROJECT: 21-38800C, M08	



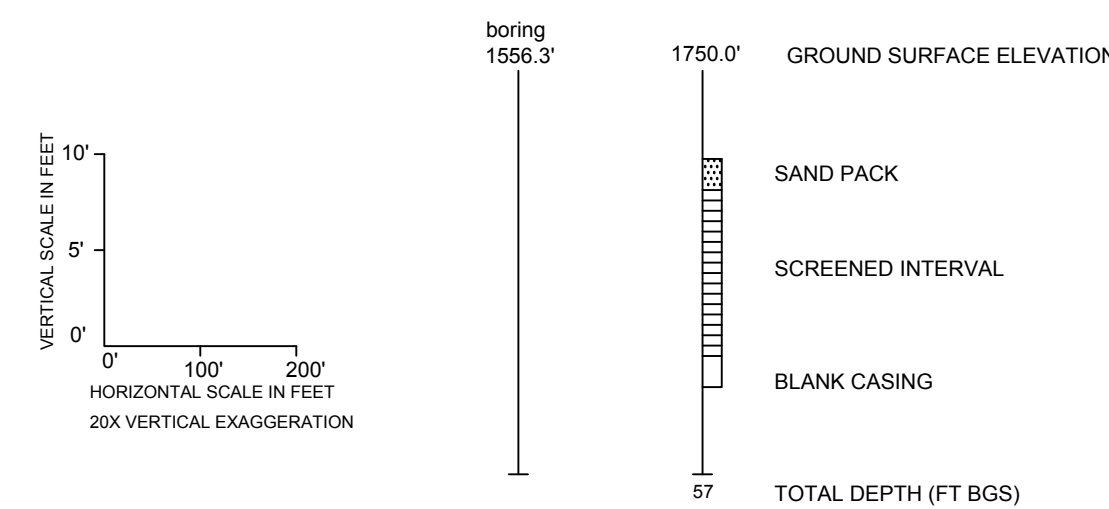
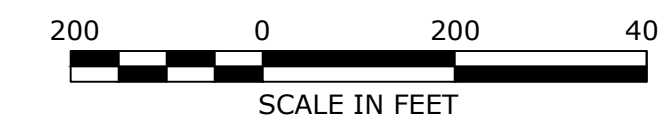


CROSS-SECTION LOCATION



LEGEND

FILL	CALICHE	ALLUVIUM							UPPER MUDDY CREEK FORMATION		
FILL	CALICHE	COBBLES/ GRAVEL	GRAVEL/ SANDY GRAVEL	SILTY SAND/ GRAVEL	SAND/ SAND WITH GRAVEL	SILTY SAND	CLAYEY SAND	SANDY CLAY/ SILTY CLAY	SANDY SILT	SILTY CLAY/ CLAYEY SILT	SILTY SAND/ SANDY BED

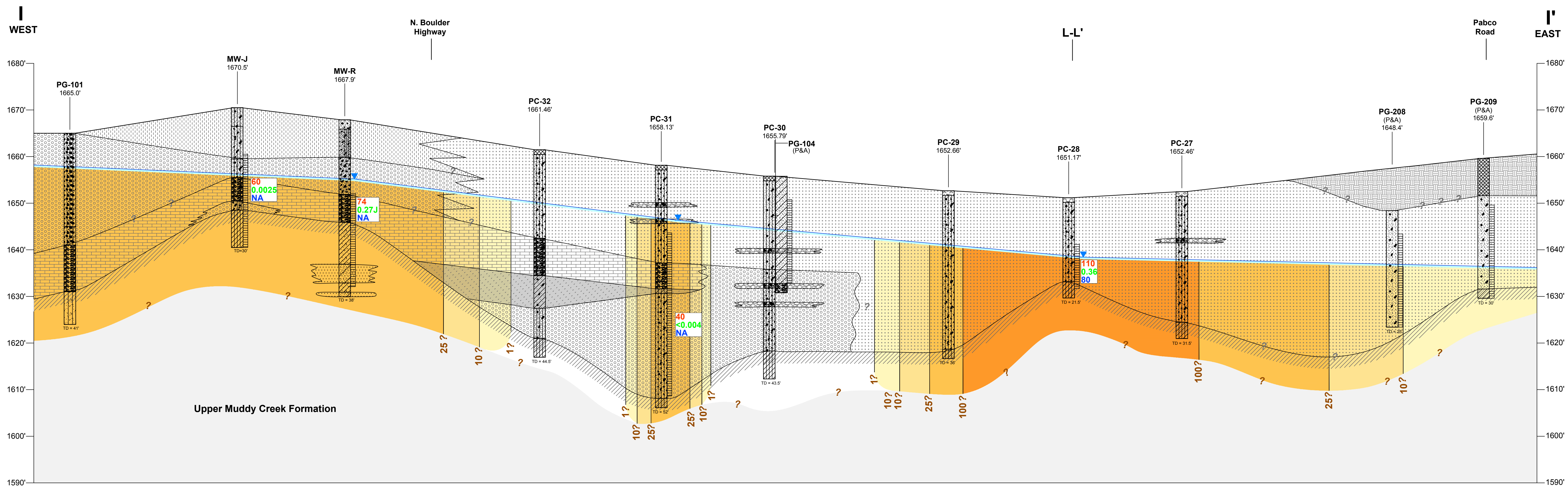


GROUNDWATER LEVELS MEASURED APRIL - JUNE 2014

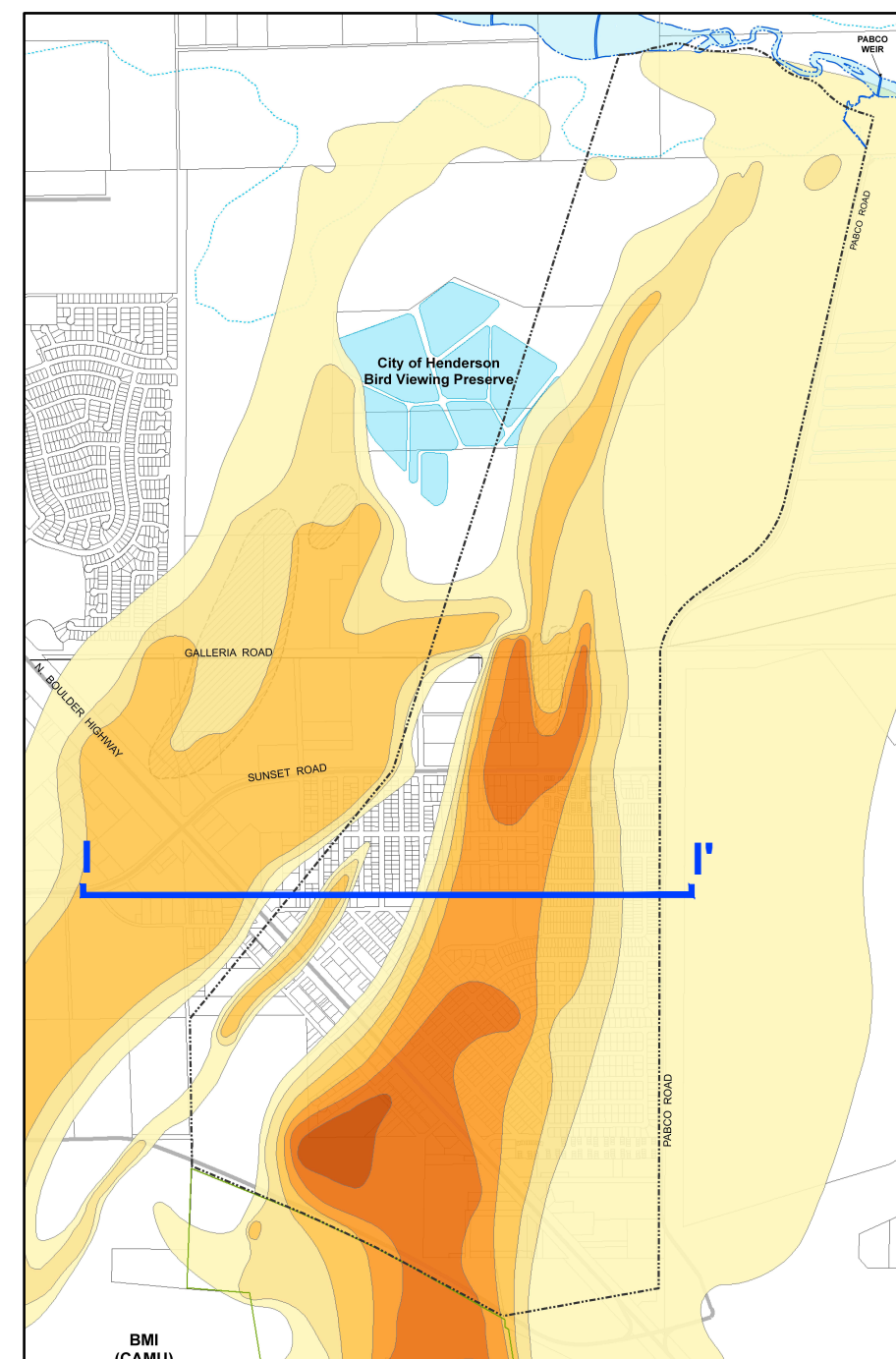
**NOTE:**  
1. Stratigraphic interpretation is based primarily on available boring logs from previous investigations conducted by others. Lithologic contacts are shown unbroken for clarity, but this does not imply certainty. Interpreted contact shown may be affected by projected borings. Actual subsurface conditions along the cross-section alignment may vary.

REV.	DATE	DR.	CH.	REVISION
<b>Schematic Subsurface Cross-Section I-I'</b>				
Nevada Environmental Response Trust (NERT) Henderson, Nevada				
<b>RAMBOLL ENVIRON</b>				
PREPARED BY: JD, RR	DATE: 7/20/2015			PLATE
DRAFTED BY: RS	SCALE: 1" = 200'			<b>D-8a</b>
APPROVED BY: JD	PROJECT: 21-38800C, M08			





CROSS-SECTION LOCATION



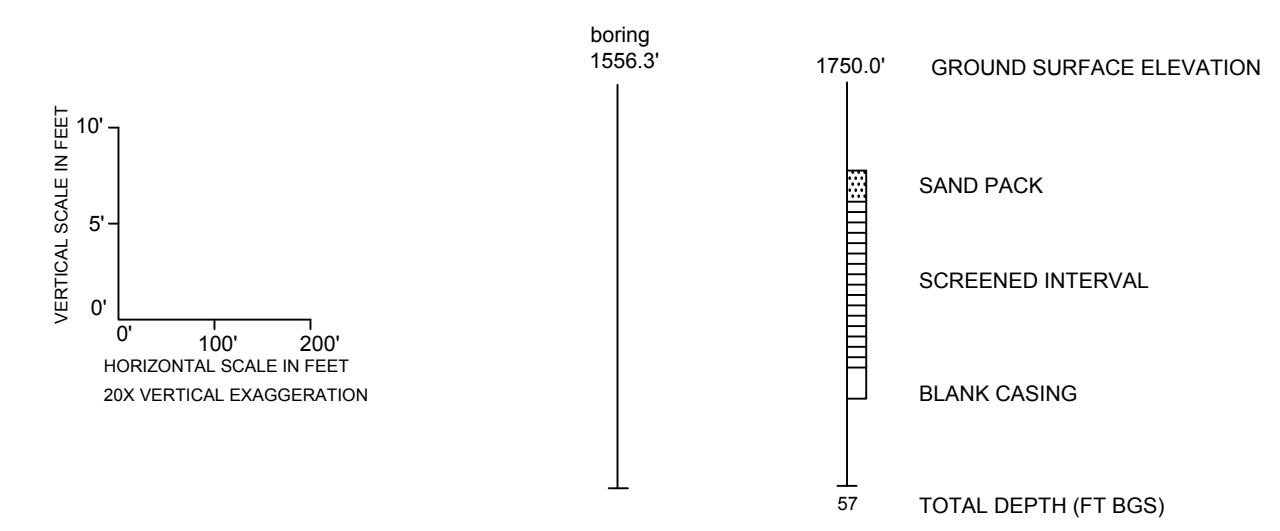
LEGEND

**PERCHLORATE CONCENTRATIONS**

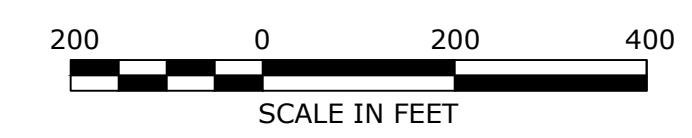
<1 mg/L	100-250
1-10	250-500
10-25	500-1,000
25-100	>1,000 mg/L

STRATIGRAPHIC UNITS AND SOIL TYPES

FILL	CALICHE	ALLUVIUM								UPPER MUDDY CREEK FORMATION	
FILL	CALICHE	COBBLES/ GRAVEL	GRAVEL/ SANDY GRAVEL	SILTY SAND/ GRAVEL	SAND/ SAND WITH GRAVEL	SILTY SAND	CLAYEY SAND	SANDY CLAY/ SILTY CLAY	SANDY SILT	SILTY CLAY/ CLAYEY SILT	SILTY SAND/ SANDY BED



- GROUNDWATER LEVELS MEASURED APRIL - JUNE 2015
- (P&A) PLUGGED AND ABANDONED
- 210 PERCHLORATE (mg/L)
- 0.42 TOTAL CHROMIUM (mg/L)
- 80 CHLOROFORM (µg/L) (JANUARY 2015)
- Notes:
  - NA - Not Analyzed
  - ND - Not Detected
  - NS - Not Sampled
- 1. The federal Preliminary Remediation Goal (PRG) for perchlorate is 0.015 mg/L.



**Schematic Subsurface Cross-Section I-I'**  
Showing Perchlorate in Groundwater

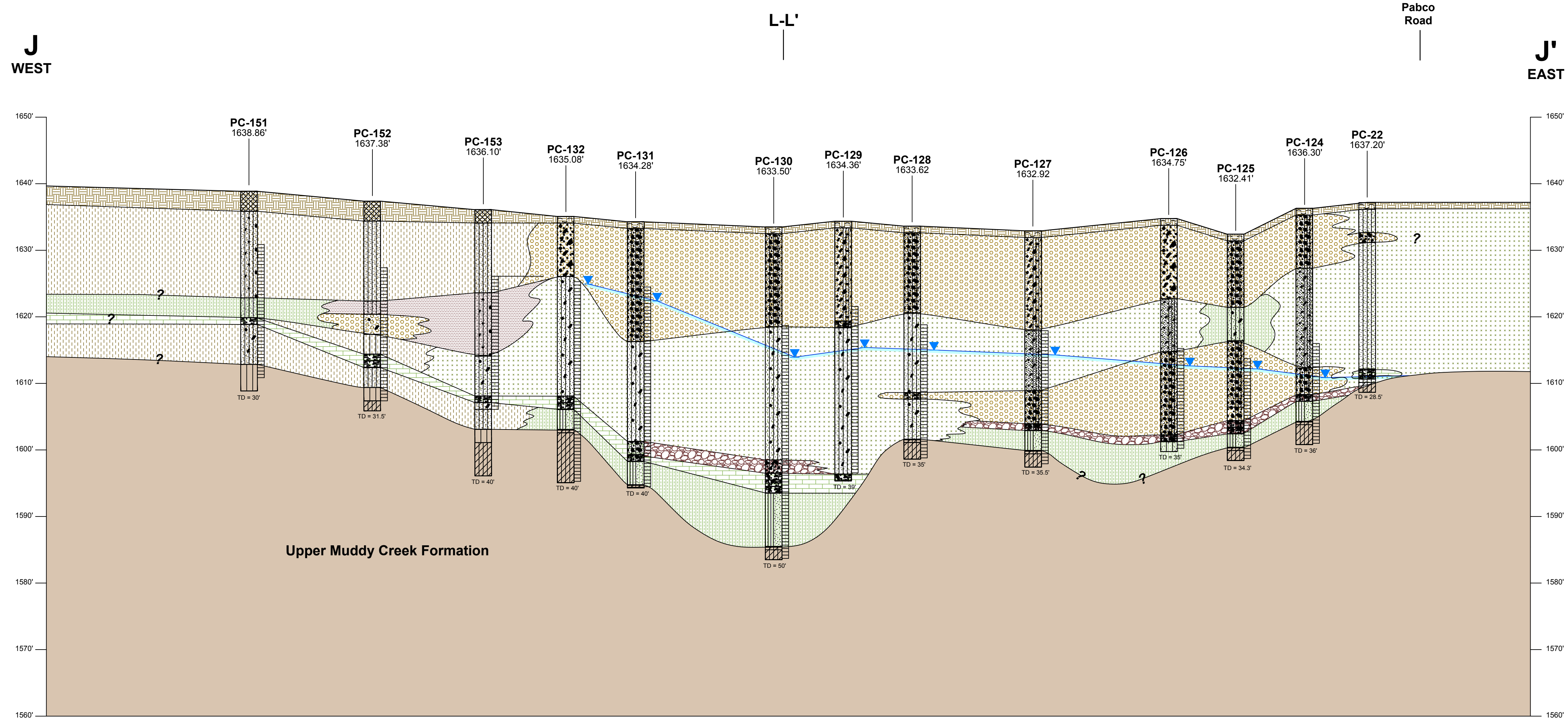
Nevada Environmental Response Trust (NERT)  
Henderson, Nevada

**RAMBOLL ENVIRON**

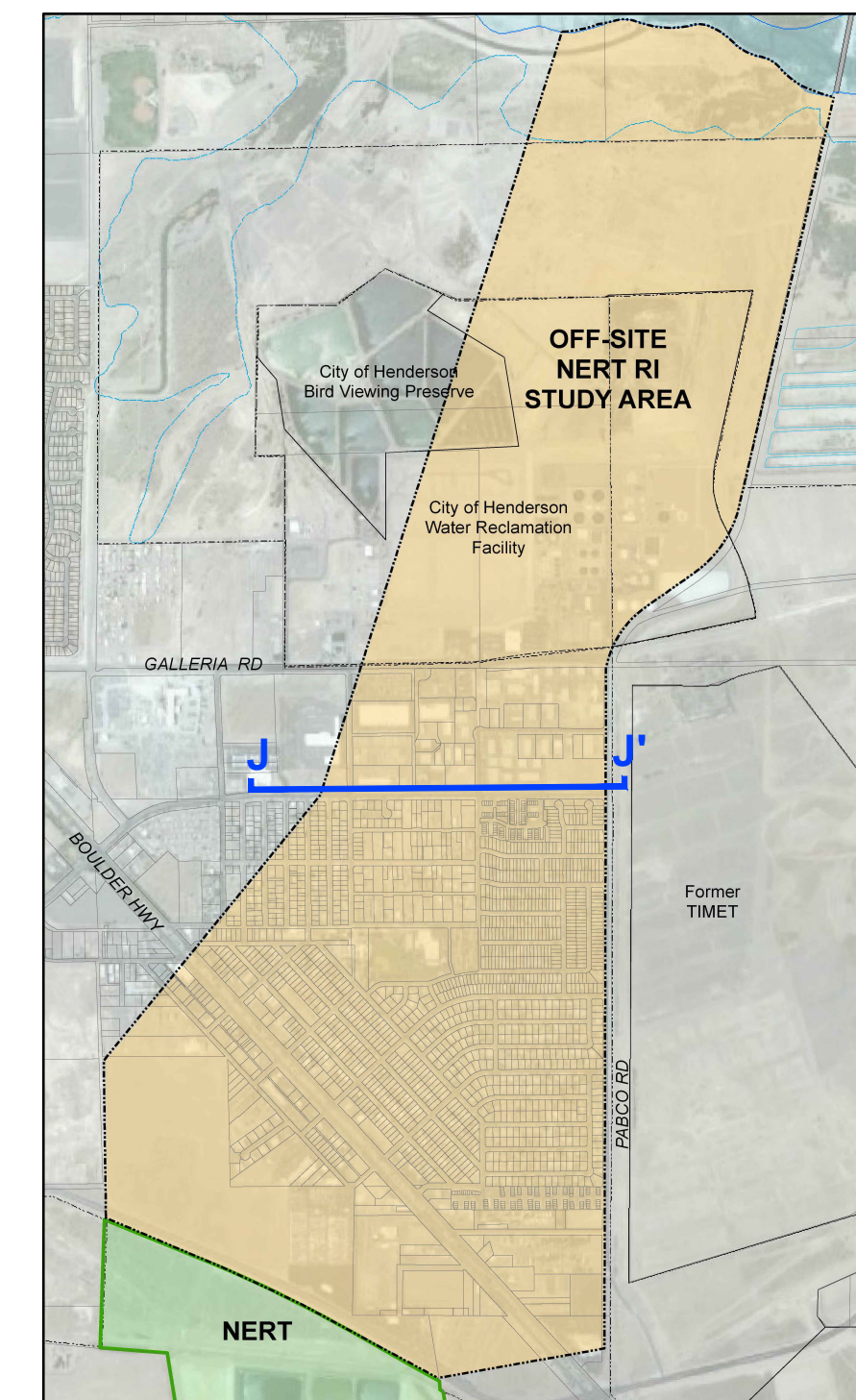
PREPARED BY: JD, RR	DATE: 7/21/2015	<b>PLATE</b> <b>D-8b</b>
DRAFTED BY: RS	SCALE: 1" = 200'	
APPROVED BY: JD	PROJECT: 21-38800C, M08	

RMSO 4/29/16 C:\DRAWINGS\213790C\_NERT\_XSEC\_213790C\_XSEC\_I-I'\_PERCHLORATE-2



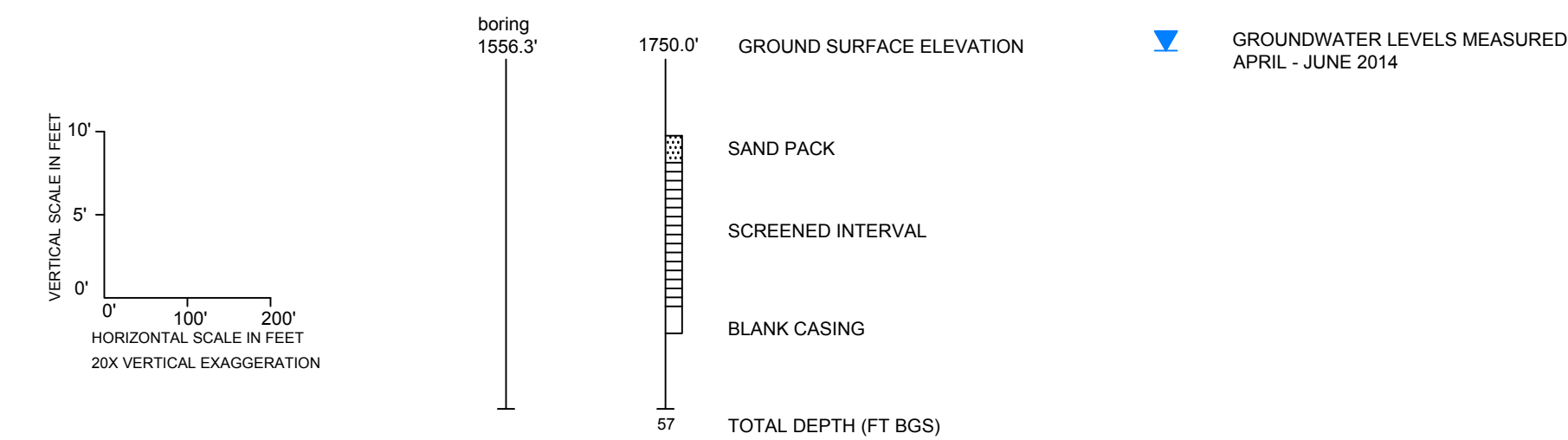


**CROSS-SECTION LOCATION**



**LEGEND**

FILL	CALICHE	ALLUVIUM							UPPER MUDDY CREEK FORMATION		
FILL	CALICHE	COBBLES/ GRAVEL	GRAVEL/ SANDY GRAVEL	SILTY SAND/ GRAVEL	SAND / SAND WITH GRAVEL	SILTY SAND	CLAYEY SAND	SANDY CLAY/ SILTY CLAY	SANDY SILT	SILTY CLAY/ CLAYEY SILT	SILTY SAND/ SANDY BED



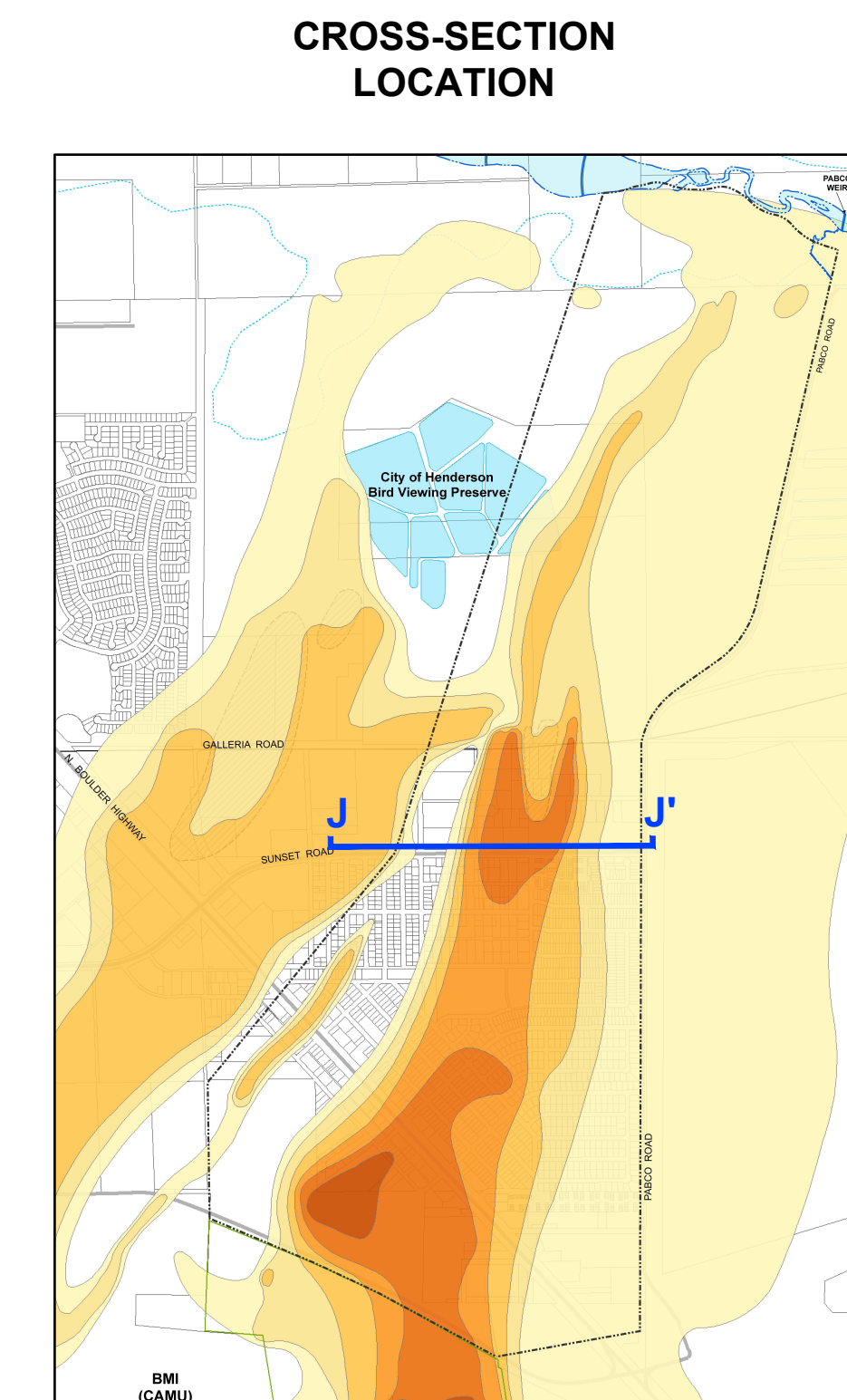
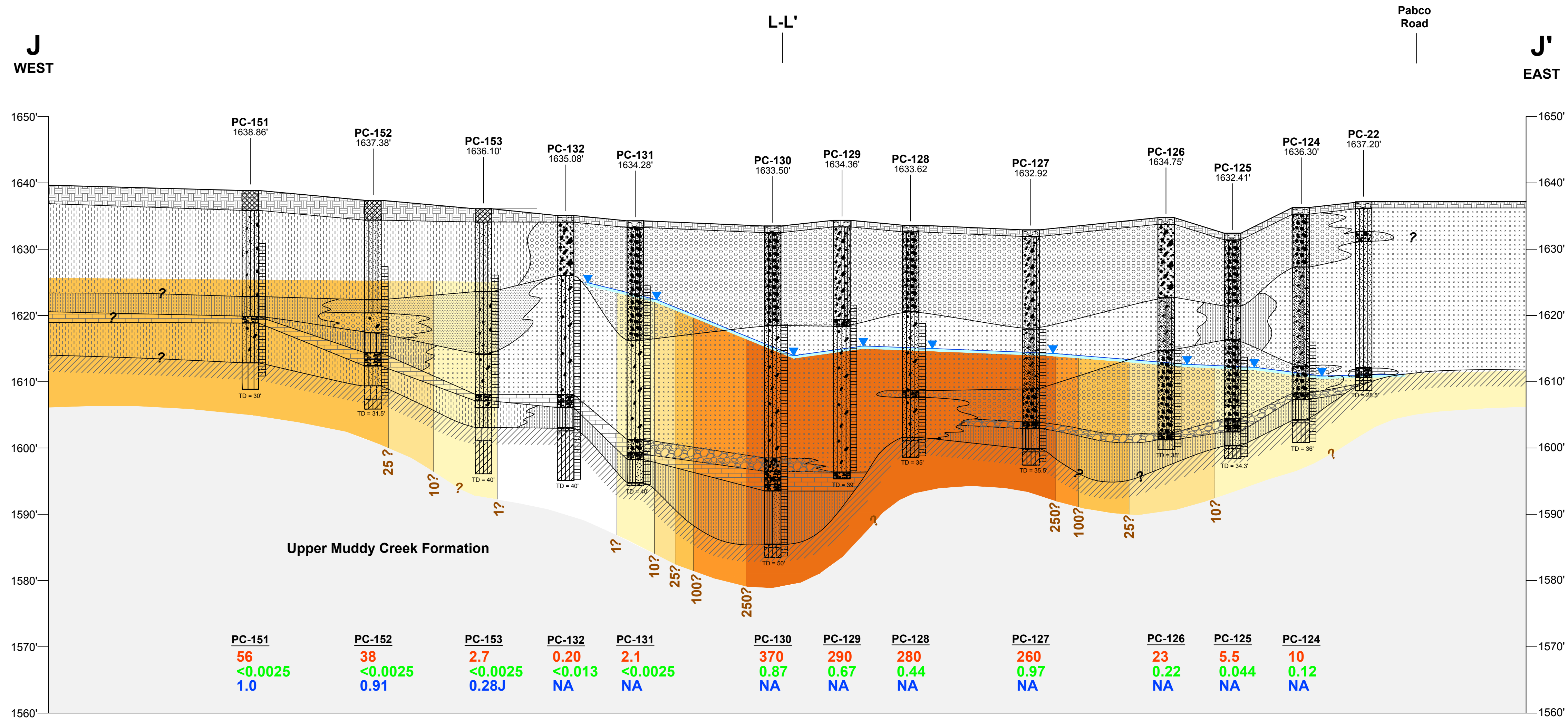
**NOTES:**

- Lithology is based primarily on wells installed along Sunset Road in 2007. Earlier borings (PC-22 thru PC-25 and PC-49 thru PC-51) drilled in 1998 were logged from cuttings.
- Wells PC-151, PC-152 and PC-153 were installed in December 2014.
- Stratigraphic interpretation is based primarily on available boring logs from previous investigations conducted by others. Lithologic contacts are shown unbroken for clarity, but this does not imply certainty. Interpreted contact shown may be affected by projected borings. Actual subsurface conditions along the cross-section alignment may vary.



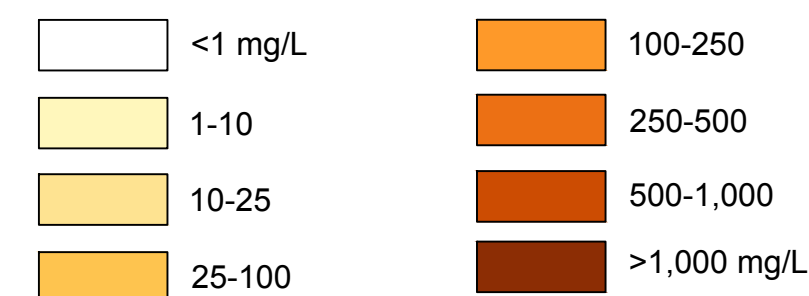
REV.	DATE	DR.	CH.	REVISION
<b>Schematic Subsurface Cross-Section J-J'</b>				
Nevada Environmental Response Trust (NERT) Henderson, Nevada				
PREPARED BY: JD, RR	DATE: 7/20/2015			PLATE
DRAFTED BY: RS	SCALE: 1" = 200'			D-9a
APPROVED BY: JD	PROJECT: 21-38800C, M08			



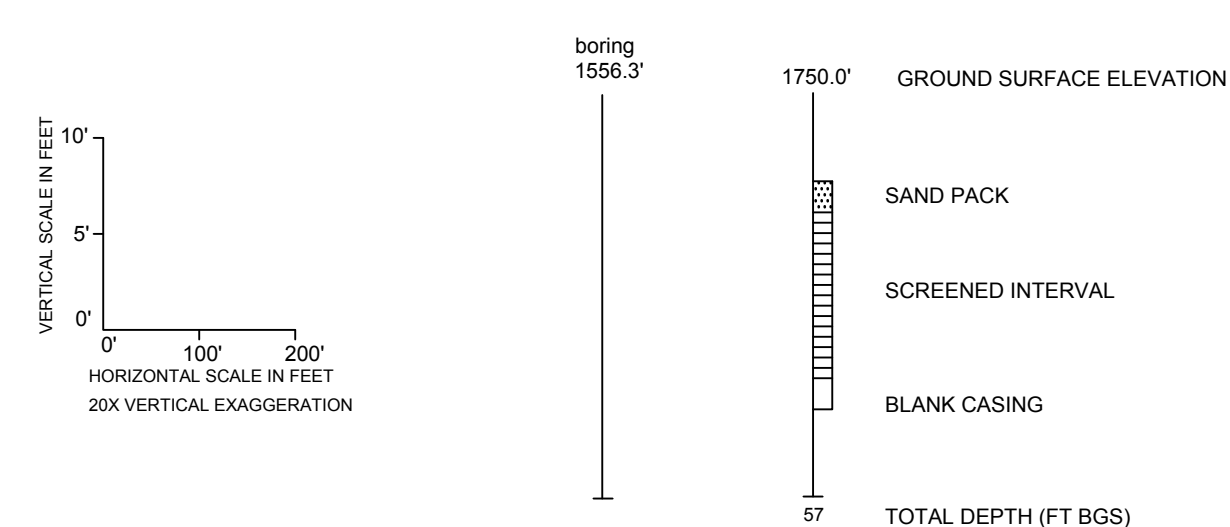
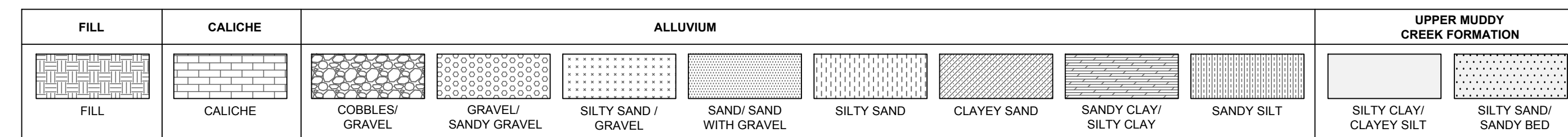


**LEGEND**

**PERCHLORATE CONCENTRATIONS**



**STRATIGRAPHIC UNITS AND SOIL TYPES**



▼ GROUNDWATER LEVELS MEASURED APRIL - JUNE 2015  
(P&A) PLUGGED AND ABANDONED

**GROUNDWATER CONCENTRATIONS, 2012-2015**

210 PERCHLORATE (mg/L)  
0.42 TOTAL CHROMIUM (mg/L)  
80 CHLOROFORM (µg/L) (JANUARY 2015)

**Notes:**  
NA - Not Analyzed  
ND - Not Detected  
NS - Not Sampled

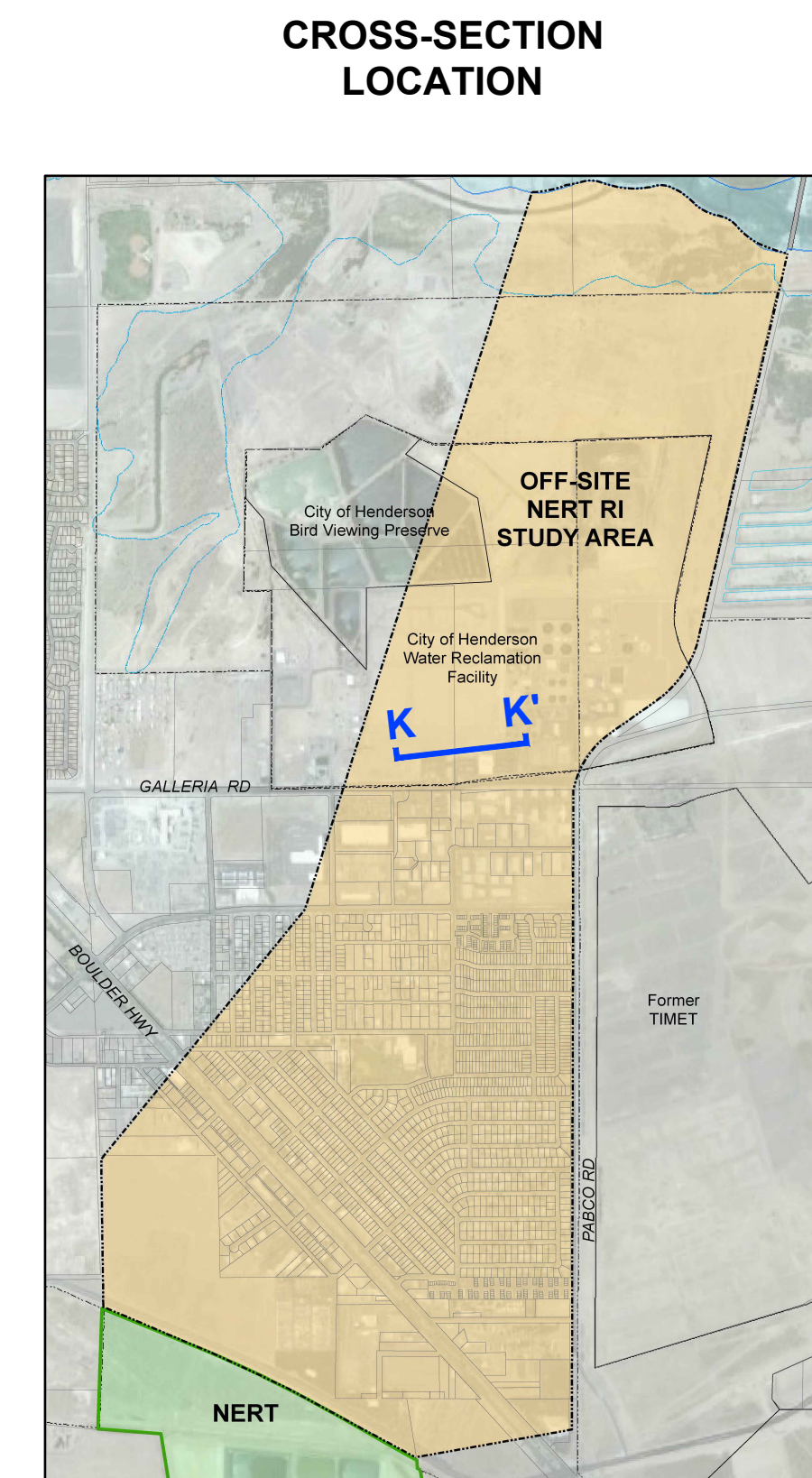
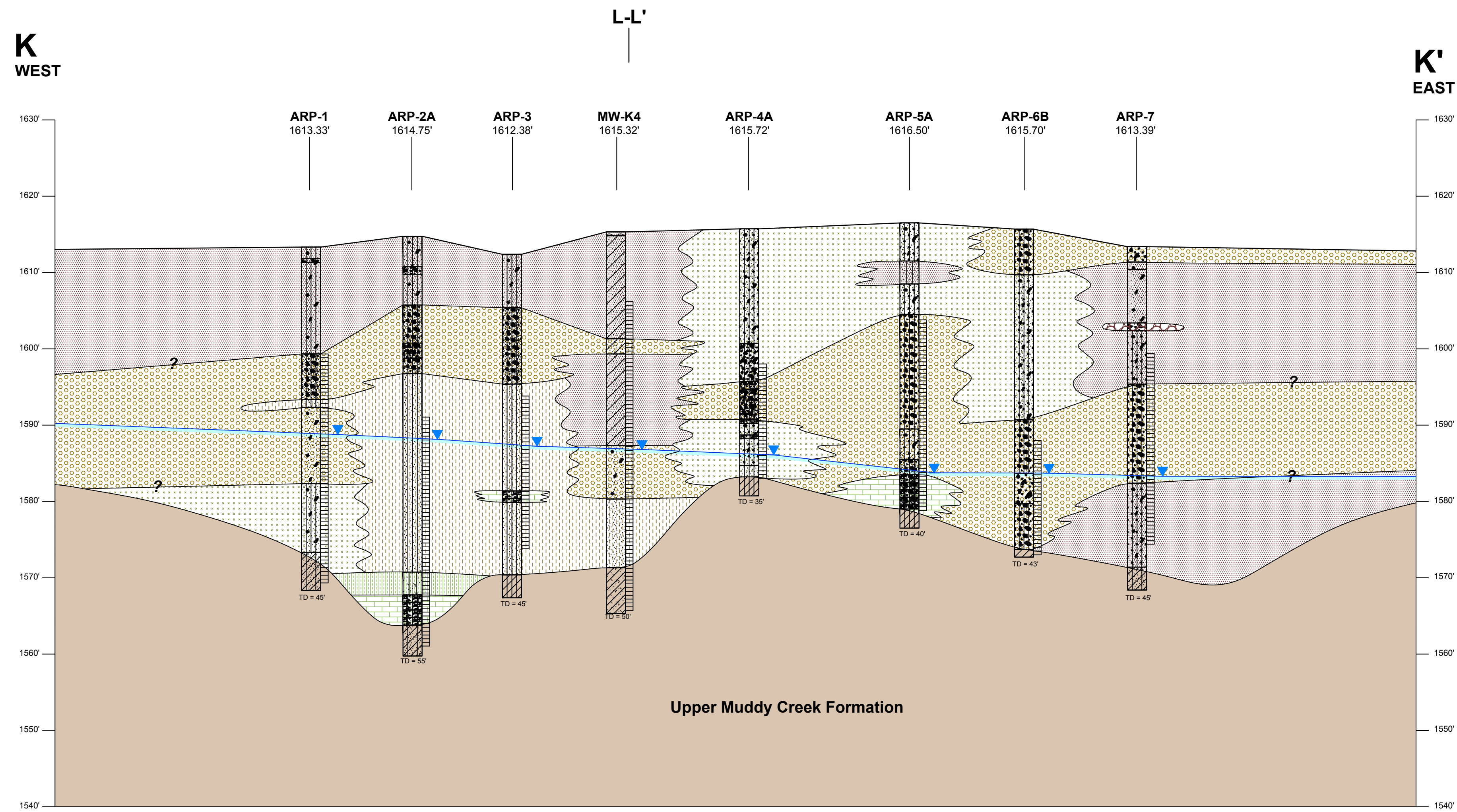
1. The federal Preliminary Remediation Goal (PRG) for perchlorate is 0.015 mg/L.



REV.	DATE	DR.	CH.	REVISION
<b>Schematic Subsurface Cross-Section J-J'</b> <b>Showing Perchlorate in Groundwater</b>				
Nevada Environmental Response Trust (NERT) Henderson, Nevada				
PREPARED BY: JD, RR	DATE: 4/6/15	PROJECT: 21-38800C_M08		PLATE
DRAFTED BY: RS	SCALE: 1" = 200'			<b>D-9b</b>
APPROVED BY: JD				

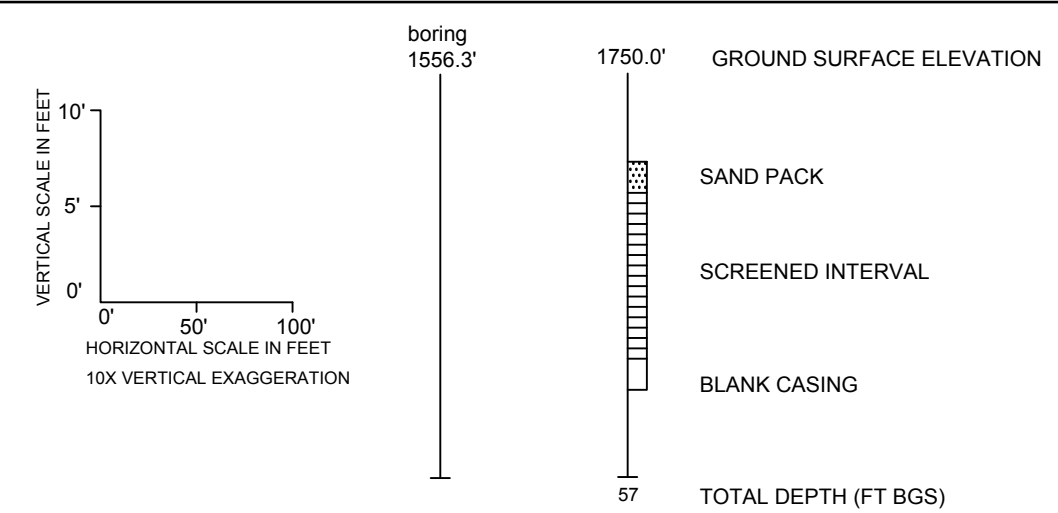
RMSO 4/29/16 C:\DRAWINGS\2137900C\_NERT\_XSEC - 2137900\_XSEC\_J-J'\_PERCHLORATE-2





**LEGEND**

FILL	CALICHE	ALLUVIUM							UPPER MUDDY CREEK FORMATION		
FILL	CALICHE	COBBLES/ GRAVEL	GRAVEL/ SANDY GRAVEL	SILTY SAND / GRAVEL	SAND/ SAND WITH GRAVEL	SILTY SAND	CLAYEY SAND	SANDY CLAY/ SILTY CLAY	SANDY SILT	SILTY CLAY/ CLAYEY SILT	SILTY SAND/ SANDY BED



▼ GROUNDWATER LEVELS MEASURED APRIL - JUNE 2014

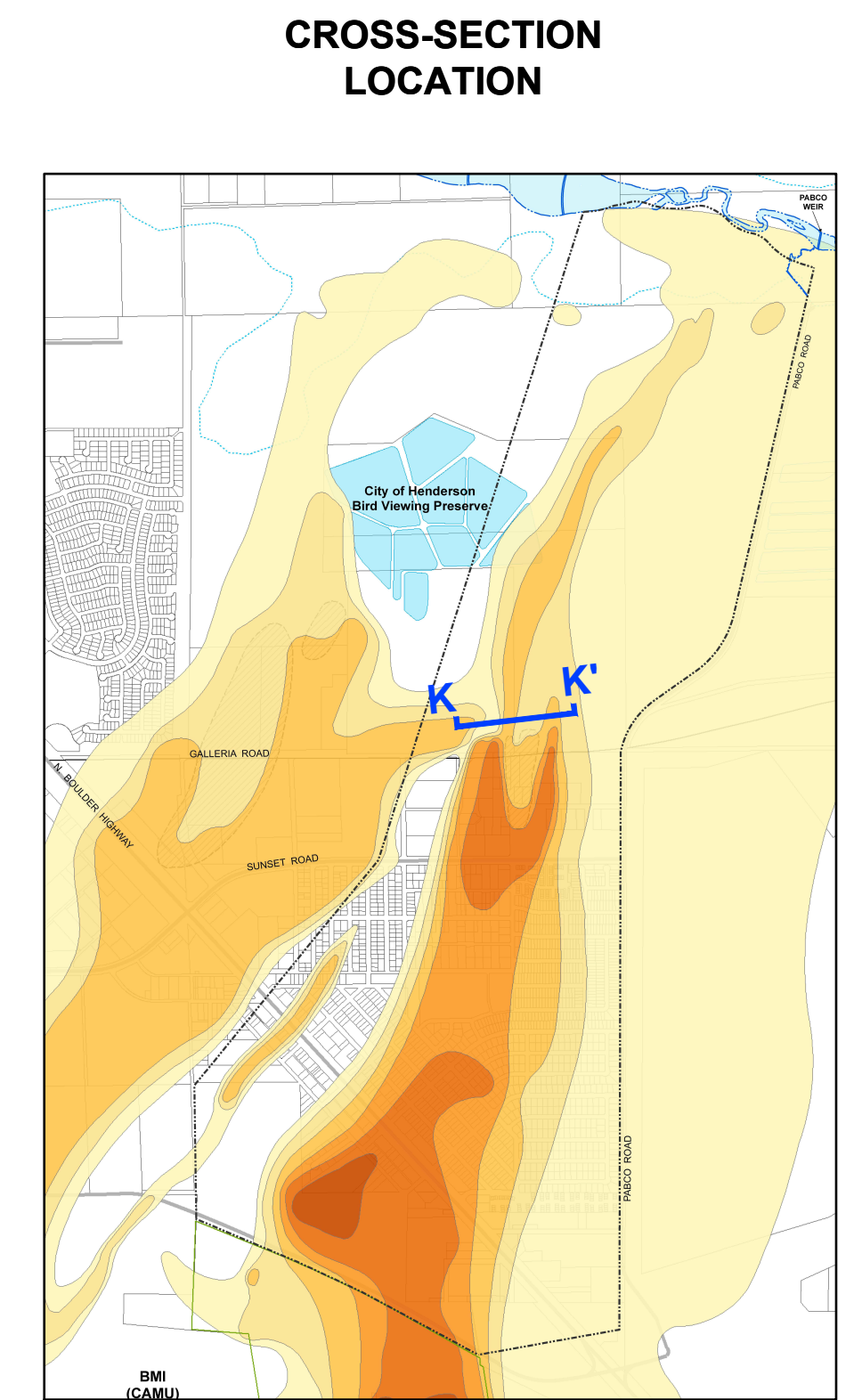
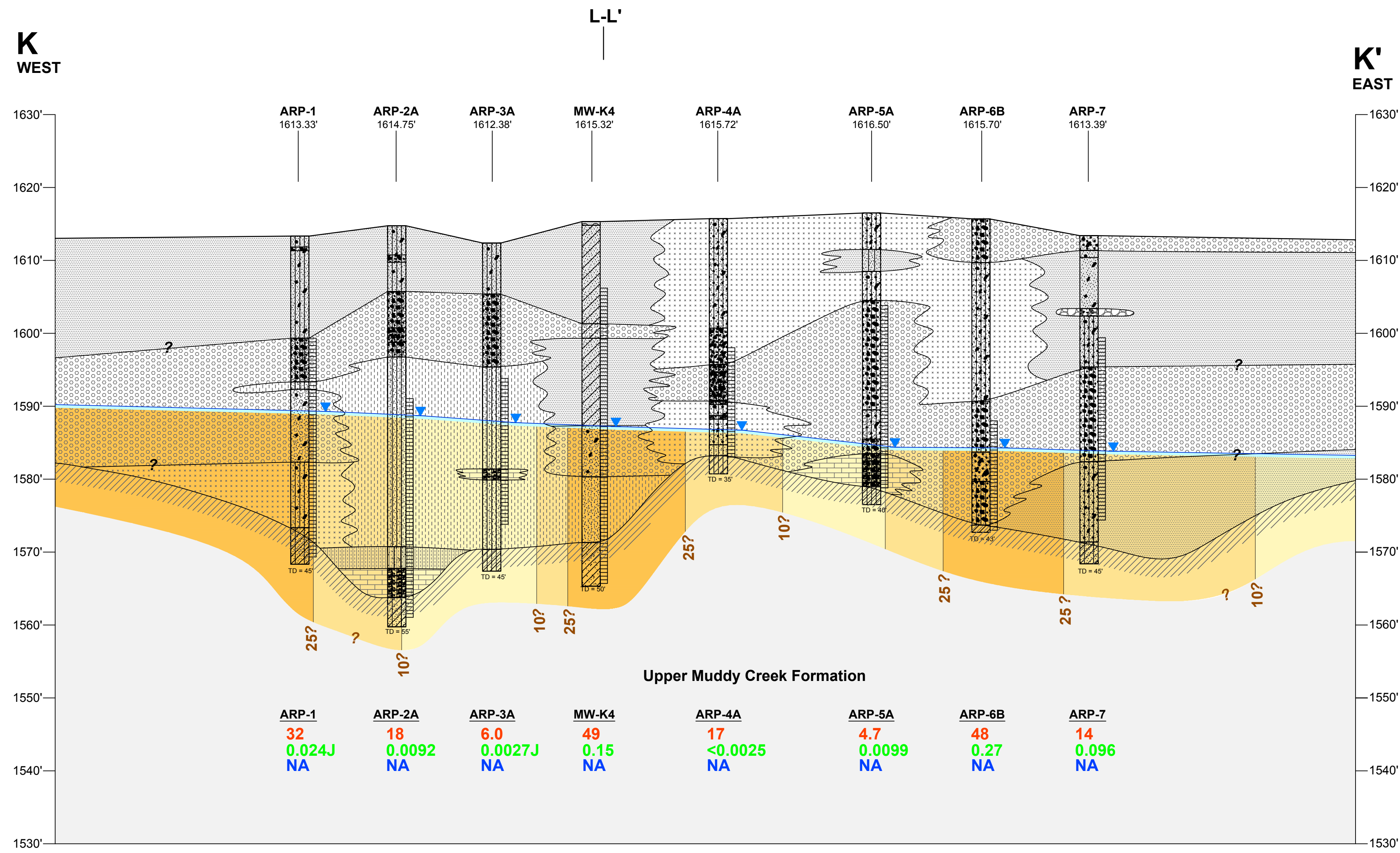
**NOTES:**

1. Stratigraphic interpretation is based primarily on available boring logs from previous investigations conducted by others. Lithologic contacts are shown unbroken for clarity, but this does not imply certainty. Interpreted contact shown may be affected by projected borings. Actual subsurface conditions along the cross-section alignment may vary.



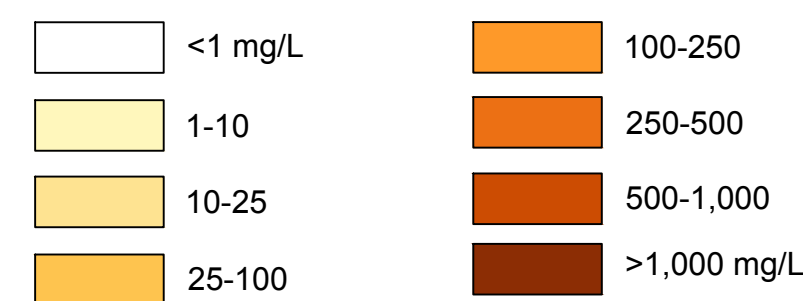
REV.	DATE	DR.	CH.	REVISION
<b>Schematic Subsurface Cross-Section K-K'</b>				
Nevada Environmental Response Trust (NERT) Henderson, Nevada				
<b>RAMBOLL ENVIRON</b>				
PREPARED BY: JD, RR	DATE: 7/20/2015			PLATE
DRAFTED BY: RS	SCALE: 1" = 100'			<b>D-10a</b>
APPROVED BY: JD	PROJECT: 2138800C, M08			



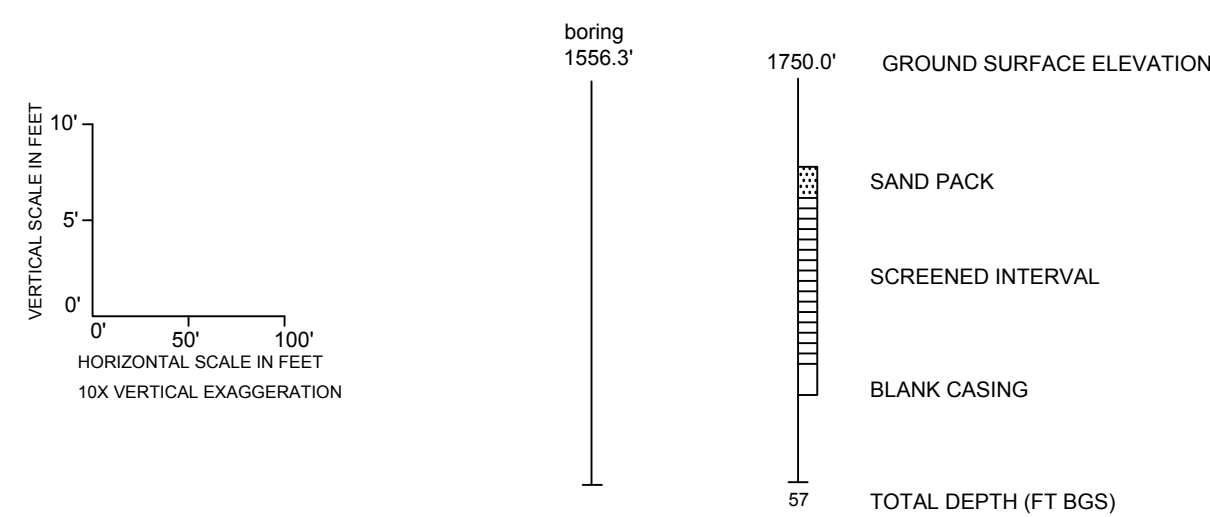
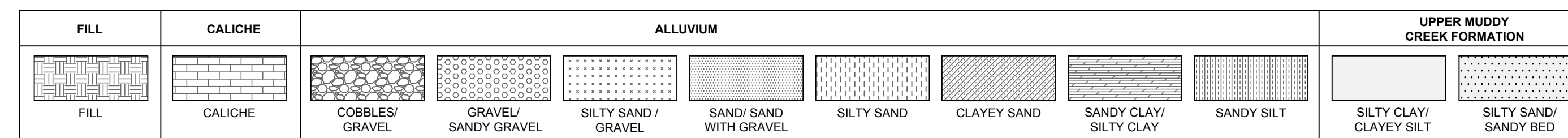


**LEGEND**

**PERCHLORATE CONCENTRATIONS**



**STRATIGRAPHIC UNITS AND SOIL TYPES**



- GROUNDWATER LEVELS MEASURED APRIL - JUNE 2015
- (P&A) PLUGGED AND ABANDONED
- GROUNDWATER CONCENTRATIONS, 2012-2015**
- 210** PERCHLORATE (mg/L)
- 0.42** TOTAL CHROMIUM (mg/L)
- 80** CHLOROFORM (µg/L) (JANUARY 2015)

**Notes:**  
 NA - Not Analyzed  
 ND - Not Detected  
 NS - Not Sampled  
 1. The federal Preliminary Remediation Goal (PRG) for perchlorate is 0.015 mg/L.

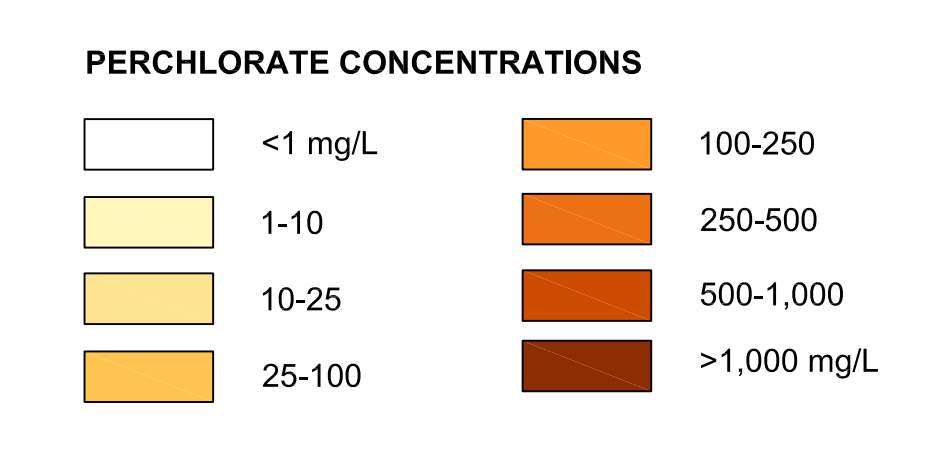
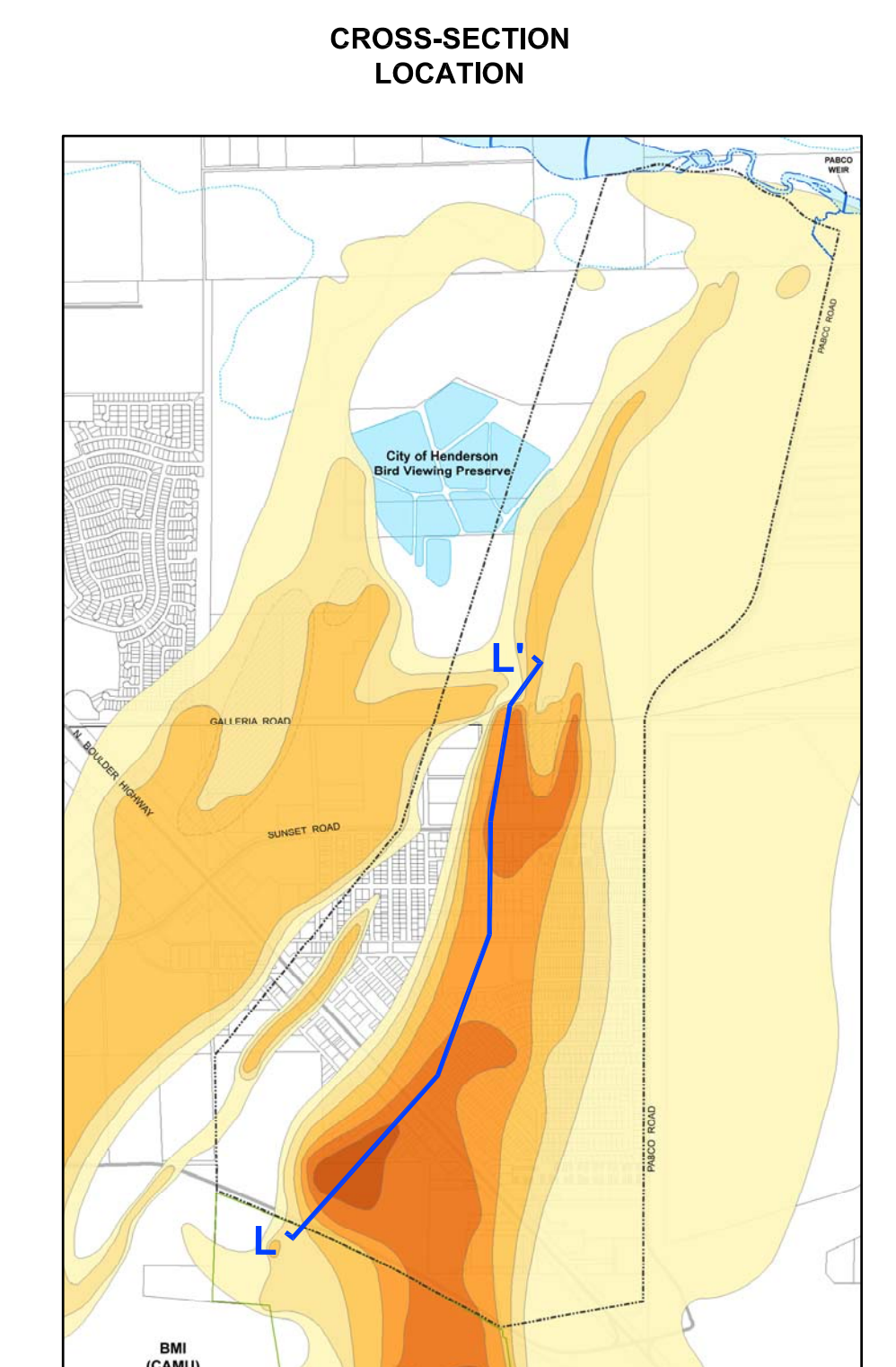
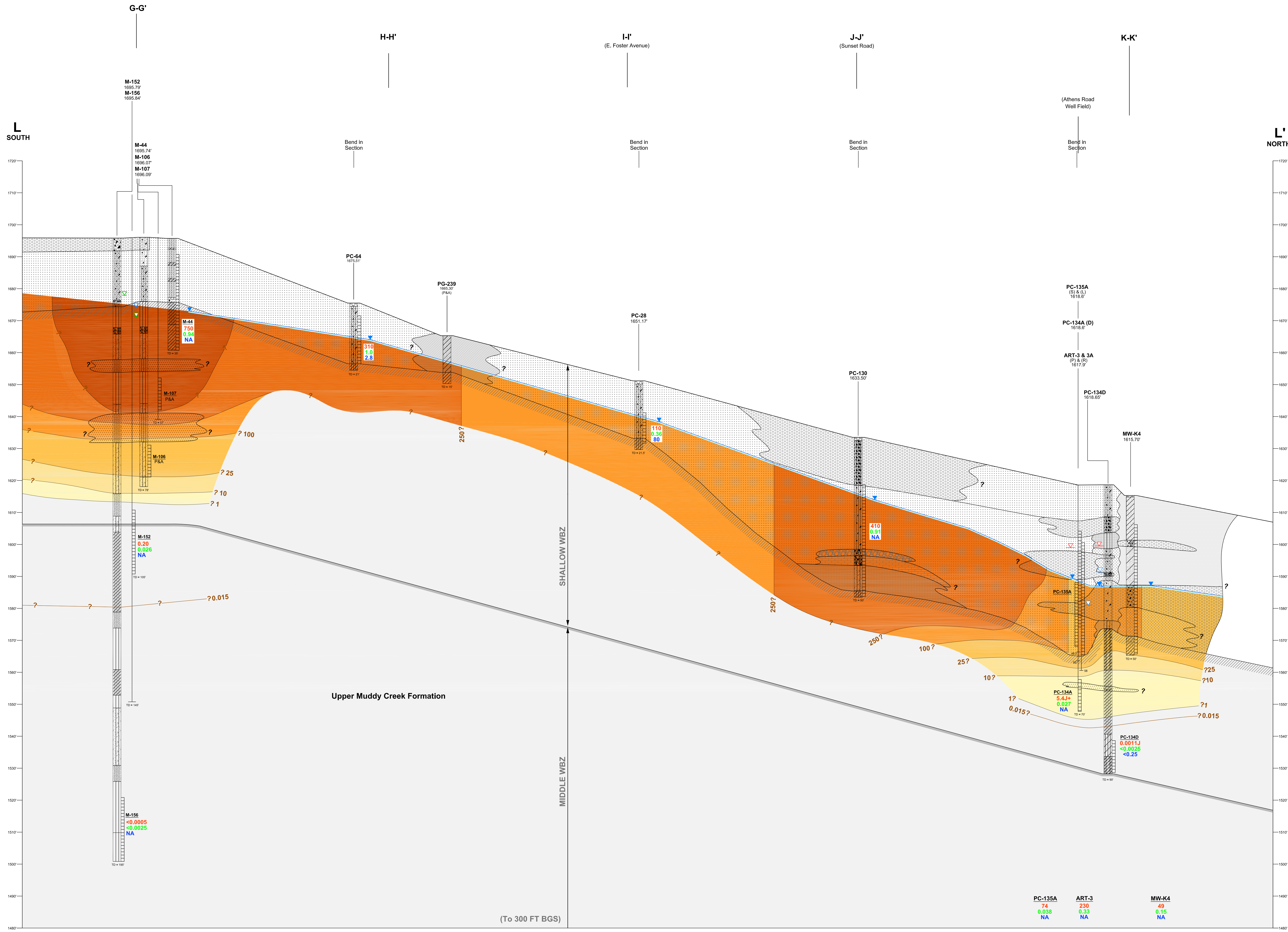


REV.	DATE	DR.	CH.	REVISION
<b>Schematic Subsurface Cross-Section K-K' Showing Perchlorate in Groundwater</b>				
Nevada Environmental Response Trust (NERT) Henderson, Nevada				
PREPARED BY: JD, RR	DATE: 7/21/2015	SCALE: 1" = 100'		PLATE
DRAFTED BY: RS	PROJECT: 21-38800C, M08			<b>D-10b</b>
APPROVED BY: JD				



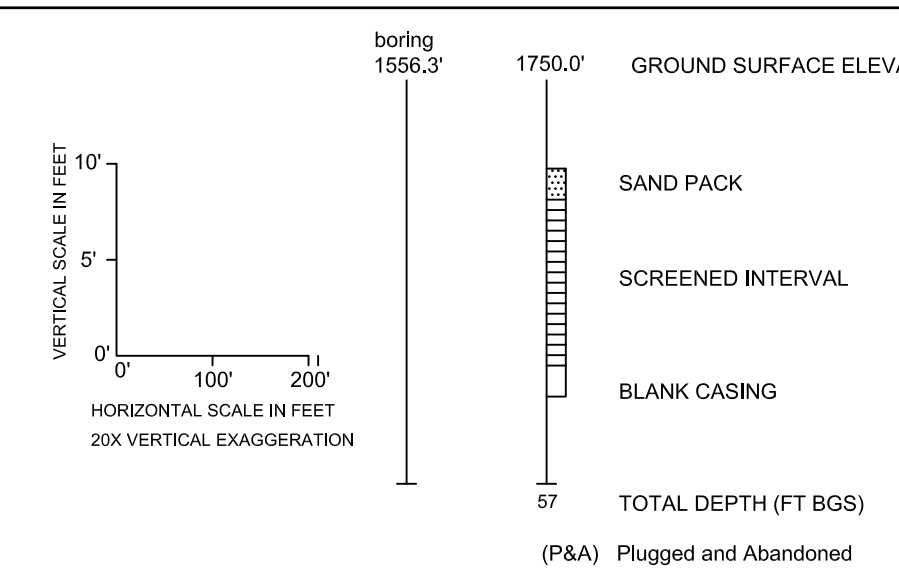






**LEGEND**

FILL	CALICHE	ALLUVIUM	UPPER MUDDY CREEK FORMATION
FILL	CALICHE	COBBLES/ GRAVEL	SILTY CLAY/ CLAYEY SILT
		GRAVEL/ SANDY GRAVEL	SILTY SAND/ SANDY RED
		SILTY SAND/ GRAVEL	
		SAND/ SAND WITH GRAVEL	
		SILTY SAND	
		CLAYEY SAND	
		SANDY CLAY/ SILTY CLAY	
		SANDY SILT	



**GROUNDWATER LEVELS MEASURED APRIL - JUNE 2015**

- GROUNDWATER LEVELS MEASURED
- ATHENS ROAD WELL FIELD (ARW)
- STATIC WATER LEVEL PRIOR TO INITIAL PUMPING
- PUMPING WELL (not used for interpolating water level)

**AWF Screened Intervals:**

- (S) Shallow
- (D) Deep
- (R) Well on Right
- (L) Well on Left
- (P) Plugged and Abandoned

**GROUNDWATER CONCENTRATIONS, 2012-2015**

- 210 PERCHLORATE (mg/L)
- 0.42 TOTAL CHROMIUM (mg/L)
- 80 CHLOROFORM (µg/L) (JANUARY 2015)

**NOTES:**

- NA - NOT ANALYZED
- ND - NOT DETECTED
- NS - NOT SAMPLED

**NOTES:**

- The shallow and deep screened interval designations are used to distinguish well screens and do not refer to NDEP's definition of water-bearing zones (WBZs).
- The Federal Preliminary Remediation Goal (PRG) for perchlorate is 0.015 mg/L.

REV	DATE	BY	CHK	REVISION

**Schematic Subsurface Cross-Section L-L' Showing Perchlorate in Groundwater**

Nevada Environmental Response Trust (NERT)  
Henderson, Nevada

**RAMBOLL ENVIRON**

PREPARED BY: JD, SR	DATE: 7/21/2015	PLATE
DRAFTED BY: RS	SCALE: 1" = 200'	<b>D-11b</b>
APPROVED BY: JD	PROJECT: 21-373008, K018	

R:\HS\0716\21-373008\373008\_NERT\_SEC\_2\373008\_SEC\_L-L'.PERCHLORATE.SZS 2



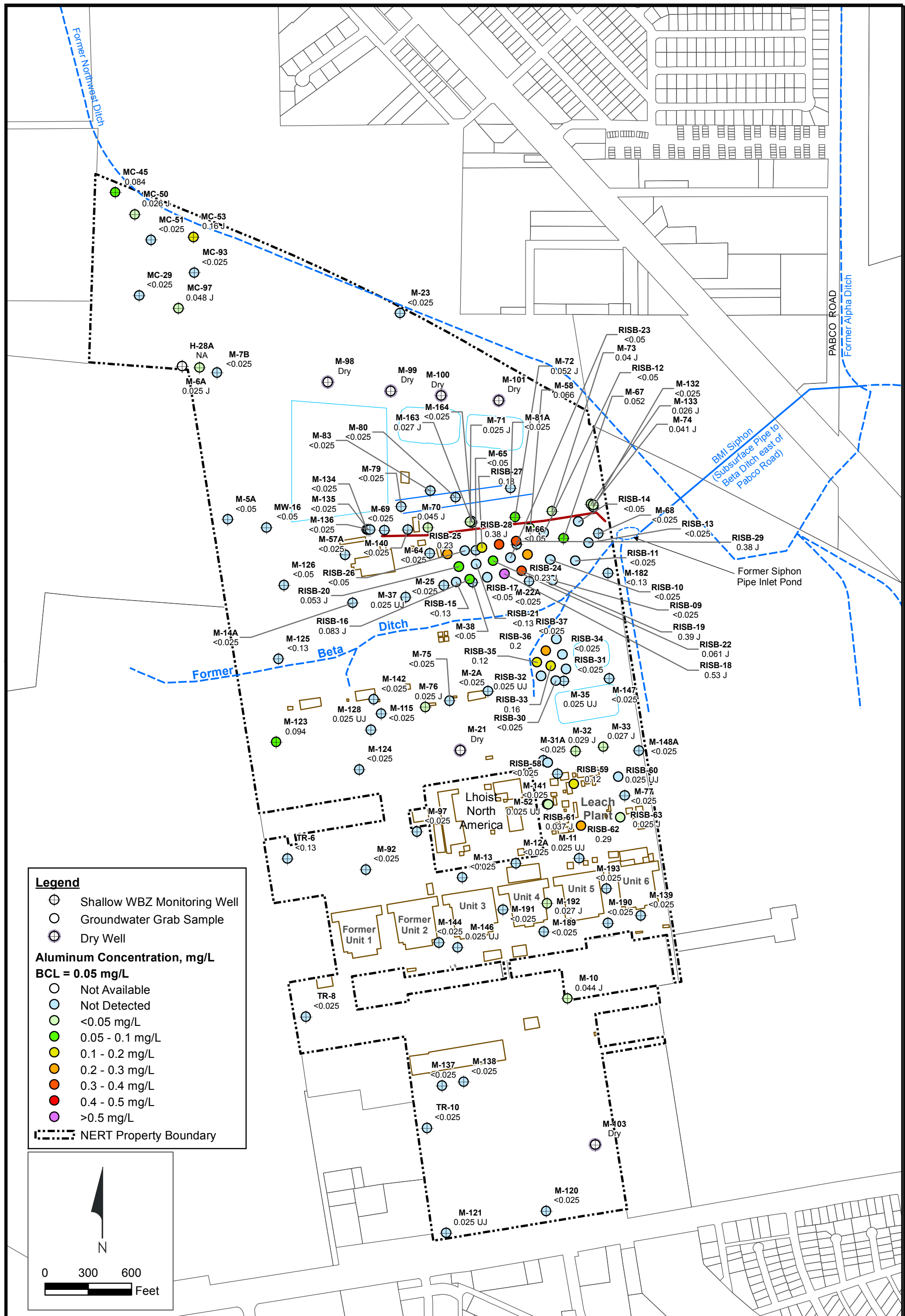
Technical Memorandum,  
Remedial Investigation Data Evaluation  
Nevada Environmental Response Trust Site  
Henderson, Nevada

## **APPENDIX E**

### **LESS FREQUENTLY DETECTED COPCs IN GROUNDWATER**



Path: H:\Petromane\NERT\RI\Eval Tech Memo\Figures for RI Eval Tech Memo\Groundwater Maps\AB\_Aluminum\_Shallow.mxd



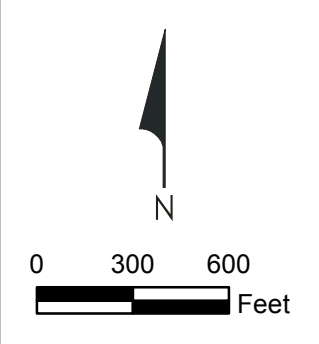
**Legend**

- ⊕ Shallow WBZ Monitoring Well
- Groundwater Grab Sample
- ⊖ Dry Well

**Aluminum Concentration, mg/L**  
**BCL = 0.05 mg/L**

- Not Available
- Not Detected
- <0.05 mg/L
- 0.05 - 0.1 mg/L
- 0.1 - 0.2 mg/L
- 0.2 - 0.3 mg/L
- 0.3 - 0.4 mg/L
- 0.4 - 0.5 mg/L
- >0.5 mg/L

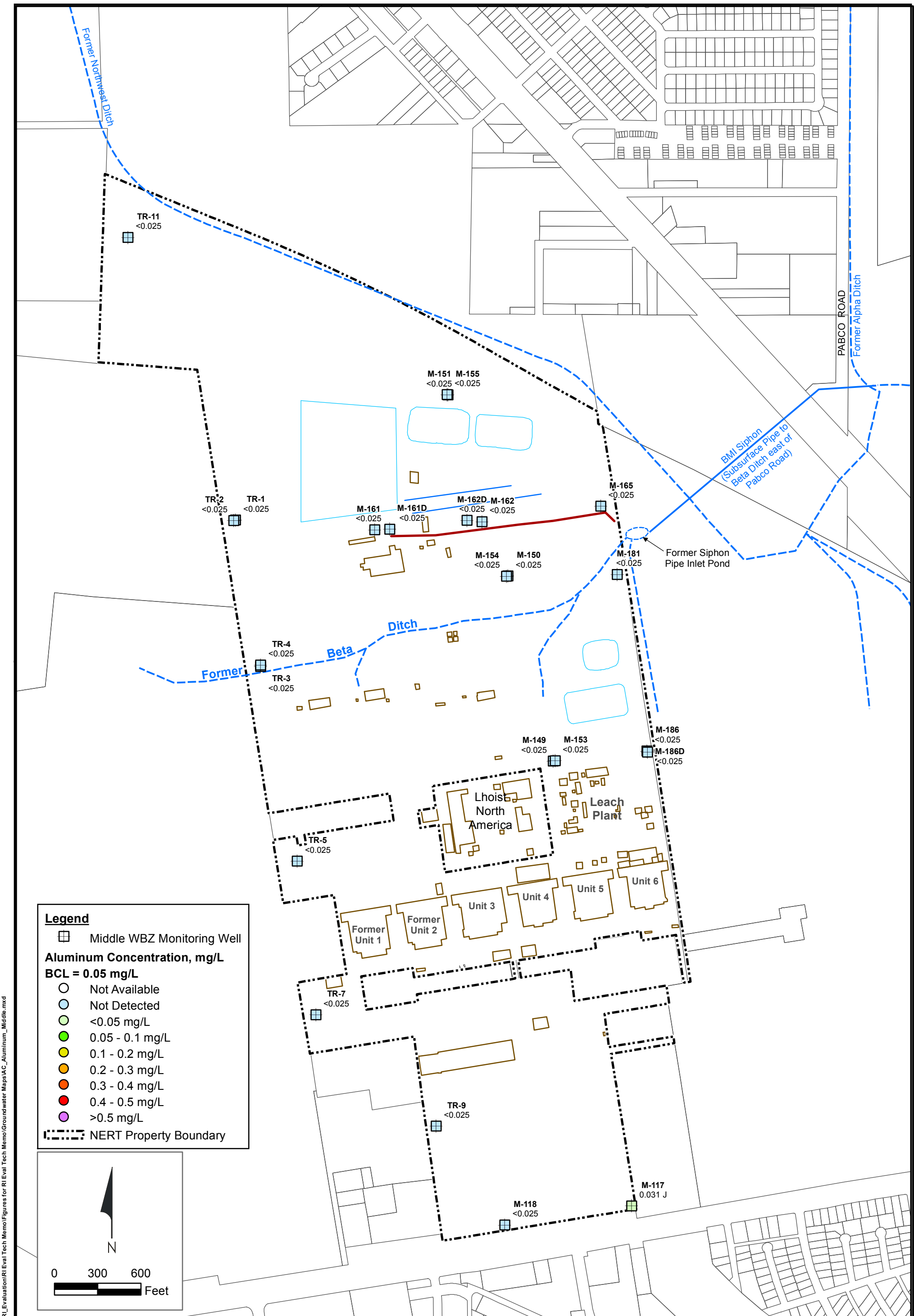
⋯ NERT Property Boundary



**Aluminum in Shallow Water Bearing Zone, 2014 - 2015**  
 Nevada Environmental Response Trust Site, Henderson, Nevada

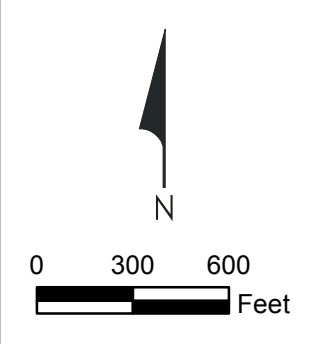
Figure **E-1a**



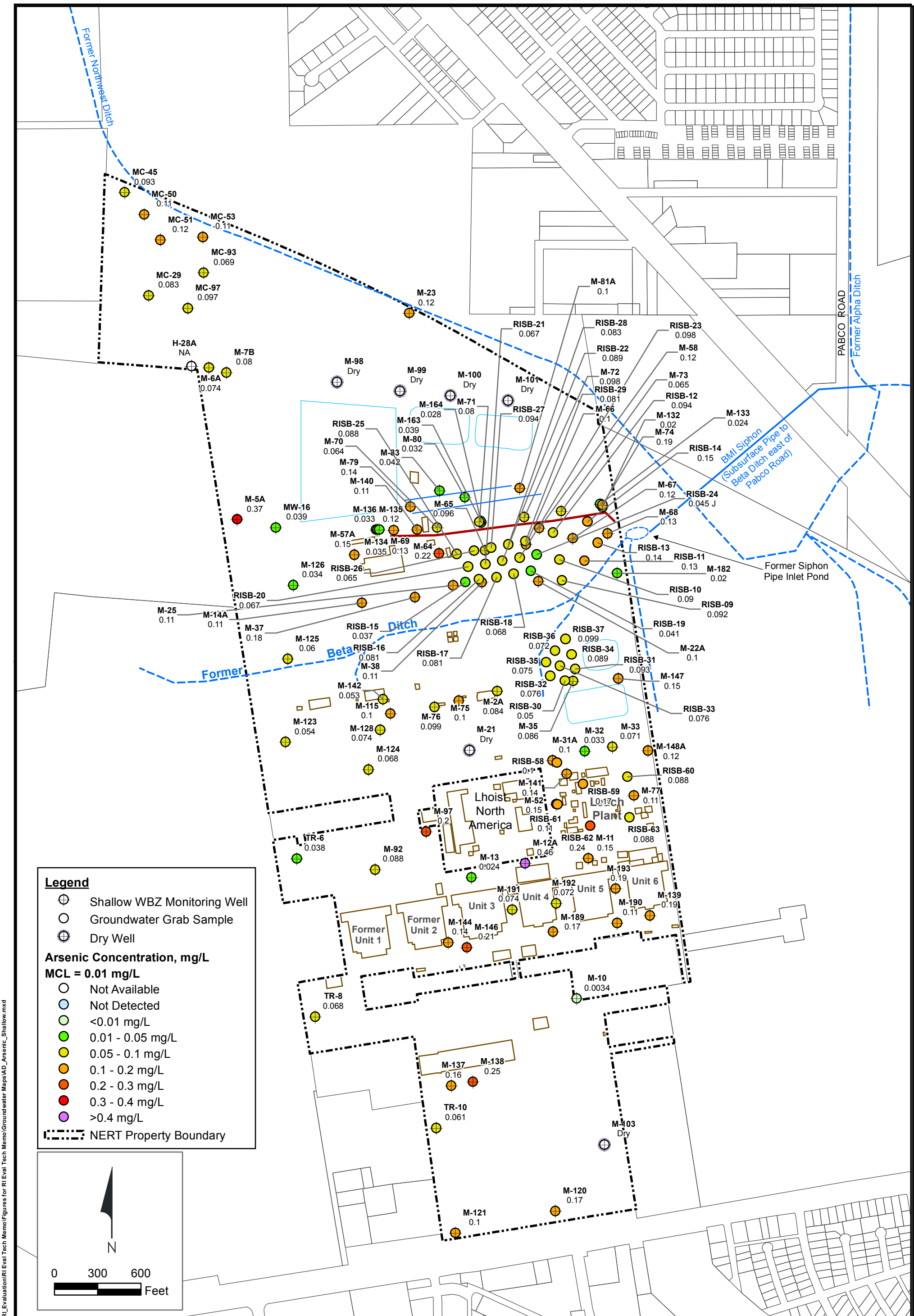


**Legend**

- Middle WBZ Monitoring Well
- Aluminum Concentration, mg/L**
- BCL = 0.05 mg/L**
- Not Available
- Not Detected
- <0.05 mg/L
- 0.05 - 0.1 mg/L
- 0.1 - 0.2 mg/L
- 0.2 - 0.3 mg/L
- 0.3 - 0.4 mg/L
- 0.4 - 0.5 mg/L
- >0.5 mg/L
- NERT Property Boundary



Path: H:\Petromane\NERT\RI\Evaluation\RI Eval Tech Memo\Figures for RI Eval Tech Memo\Groundwater Maps\AC\_Aluminum\_Middle.mxd



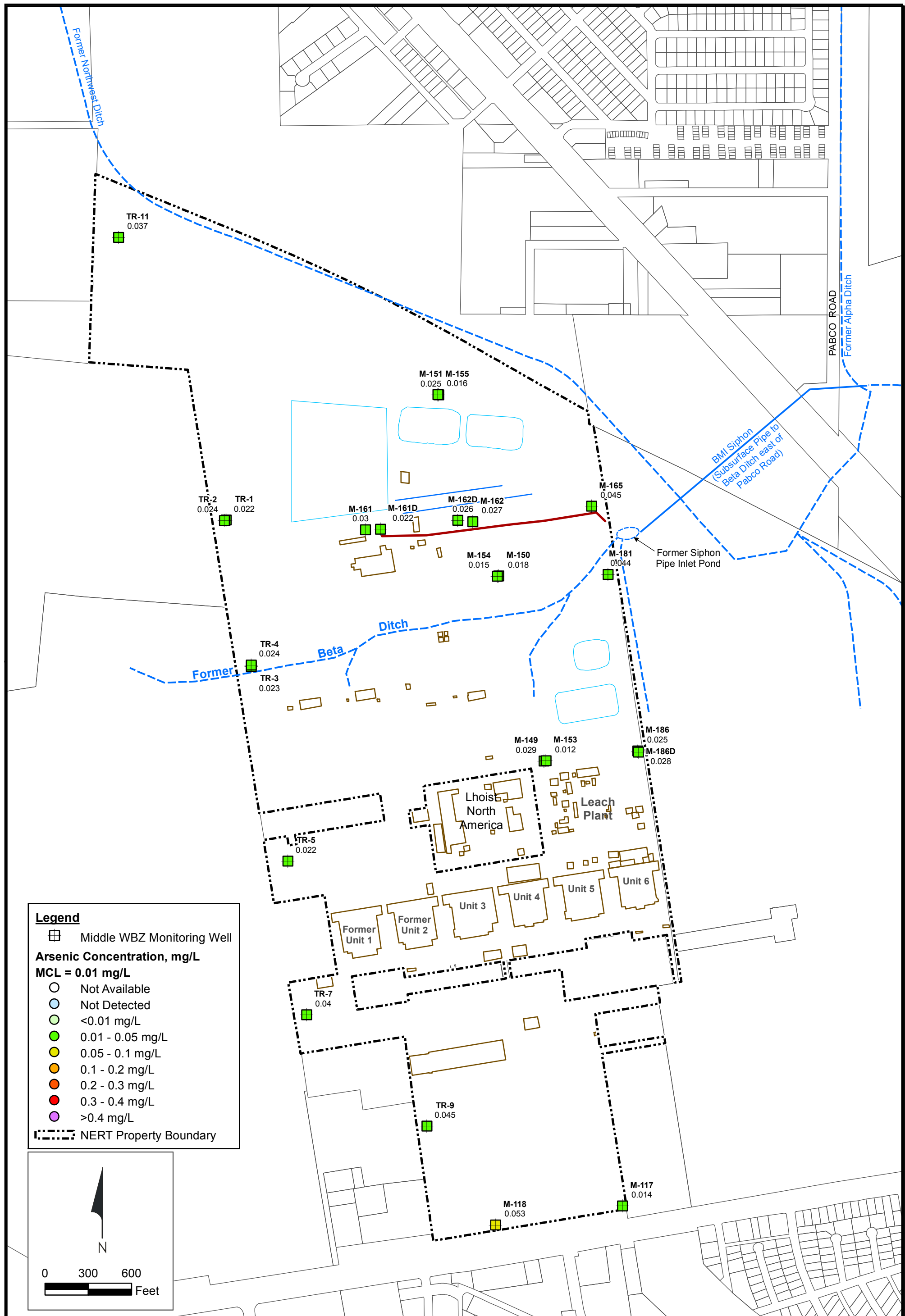
**Arsenic in Shallow Water Bearing Zone, 2014 - 2015**  
Nevada Environmental Response Trust Site, Henderson, Nevada

Figure  
**E-2a**

Path: H:\Petromane\NERT\RI\Eval Tech Memo\Figures for RI Eval Tech Memo\Groundwater Maps\AD\_Arsenic\_Shallow.mxd



Path: H:\Petromane\NERT\RI\Eval Tech Memo\Figures for RI Eval Tech Memo\Groundwater Maps\AE\_Arsenic\_Middle.mxd



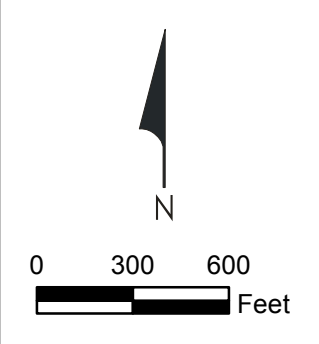
**Legend**

- Middle WBZ Monitoring Well

**Arsenic Concentration, mg/L**  
**MCL = 0.01 mg/L**

- Not Available
- Not Detected
- <0.01 mg/L
- 0.01 - 0.05 mg/L
- 0.05 - 0.1 mg/L
- 0.1 - 0.2 mg/L
- 0.2 - 0.3 mg/L
- 0.3 - 0.4 mg/L
- >0.4 mg/L

NERT Property Boundary



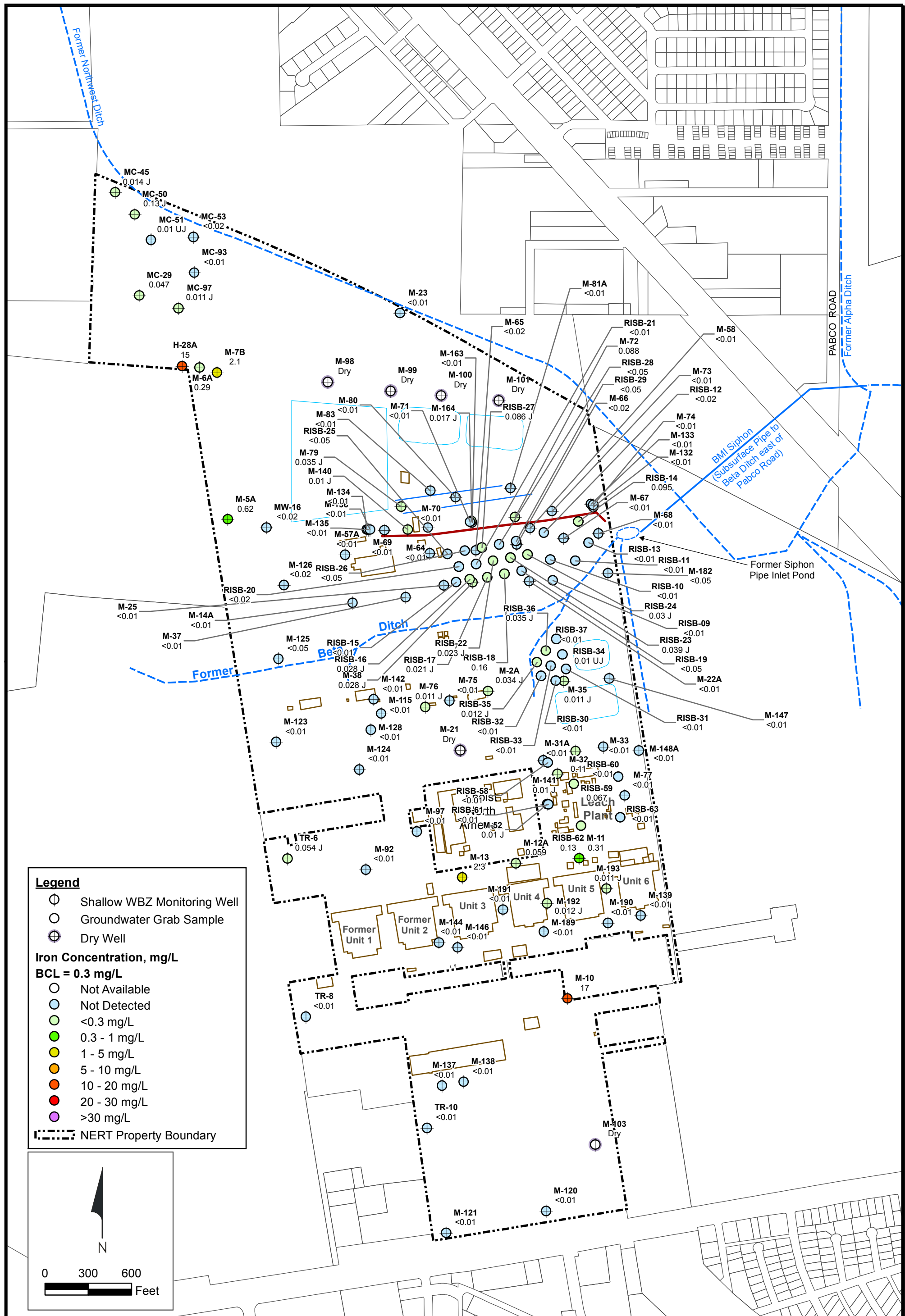
**Arsenic in Middle Water Bearing Zone, 2014 - 2015**  
 Nevada Environmental Response Trust Site, Henderson, Nevada

Figure **E-2b**





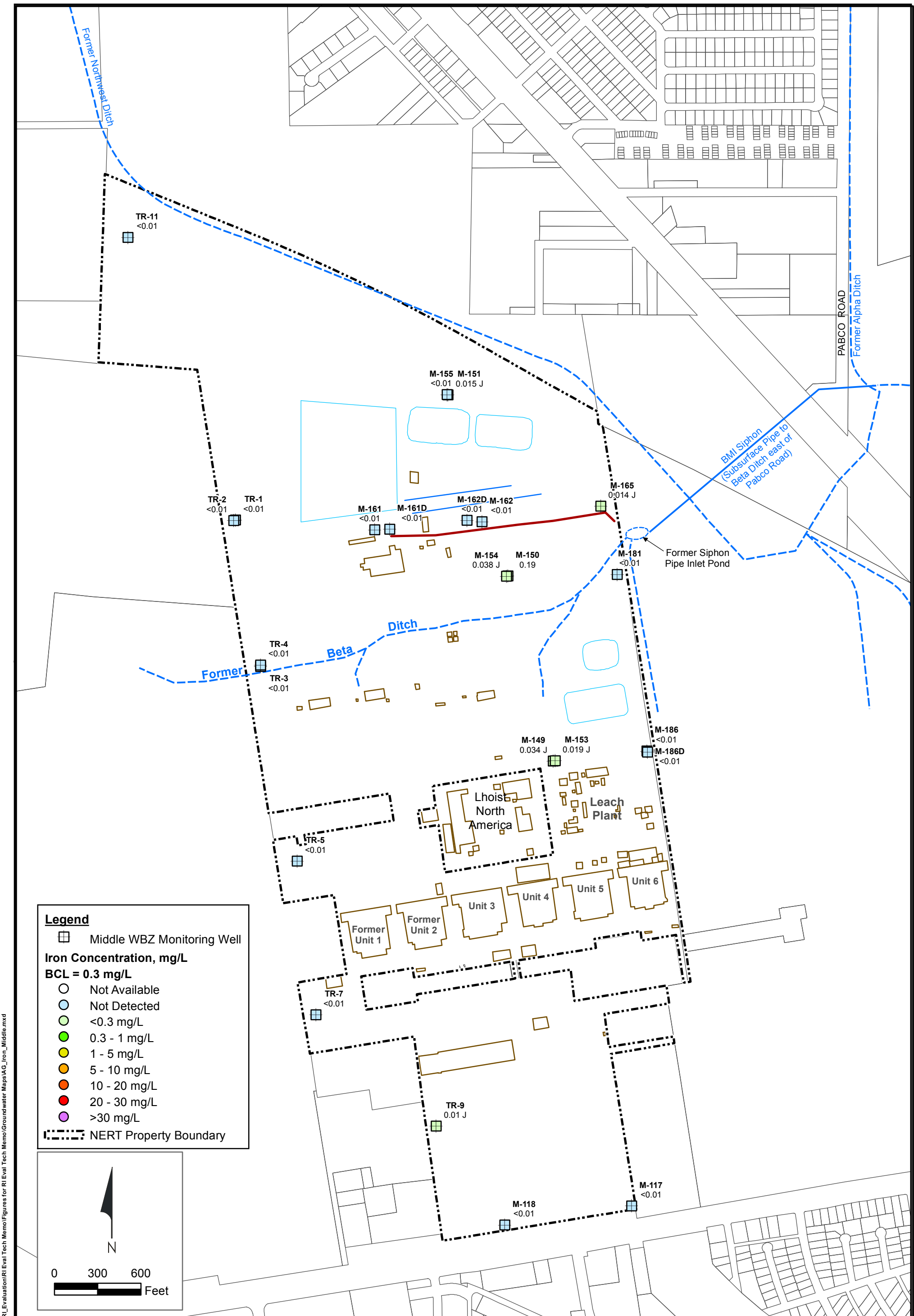
Path: H:\Petromane\NERT\RI Eval Tech Memo\Figures for RI Eval Tech Memo\Groundwater Maps\AF\_Iron\_Shallow.mxd



**Iron in Shallow Water Bearing Zone, 2014 - 2015**  
Nevada Environmental Response Trust Site, Henderson, Nevada

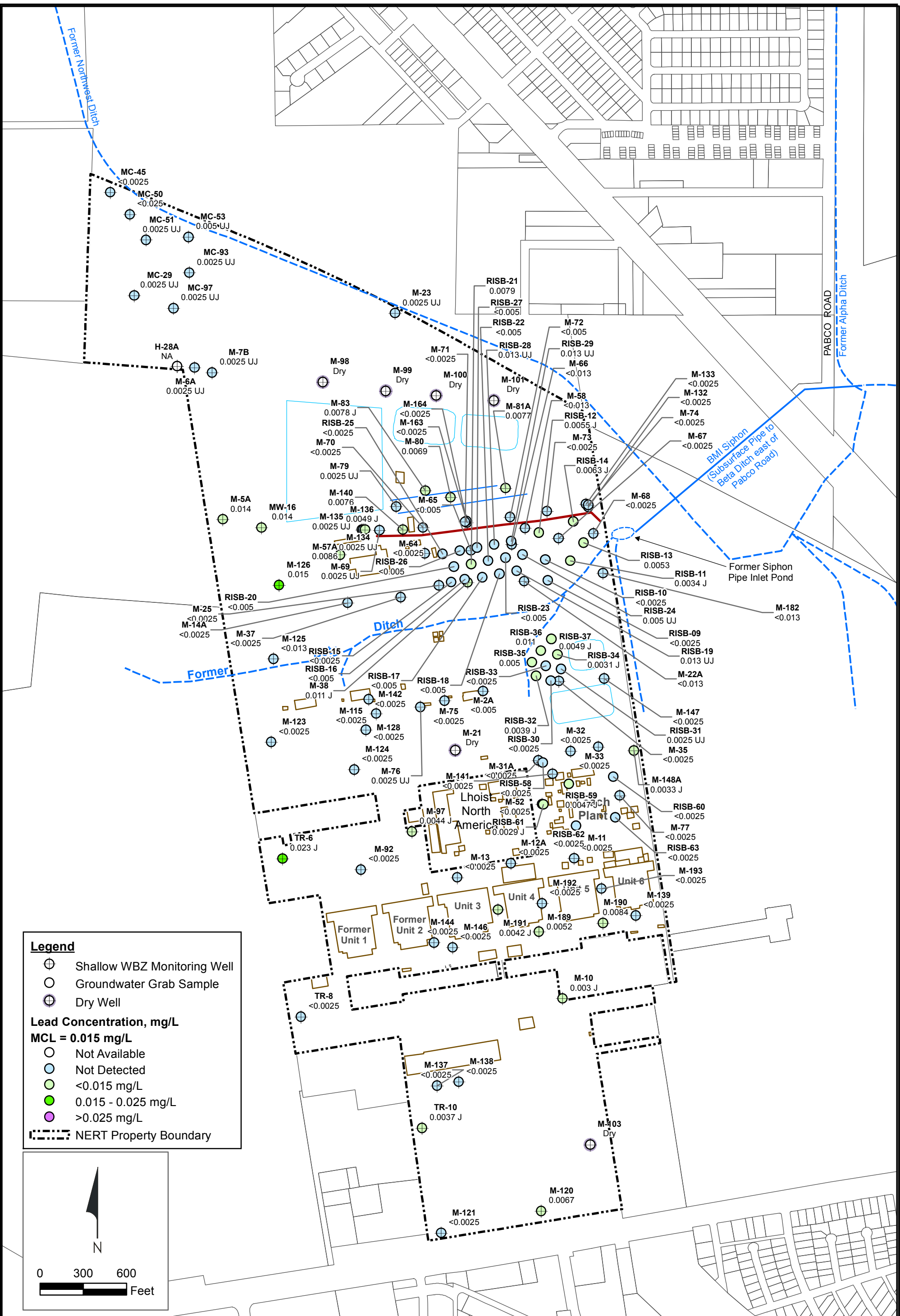
Figure  
**E-3a**





Path: H:\Petromane\NERT\RI\Evaluation\RI Eval Tech Memo\Figures for RI Eval Tech Memo\Groundwater Maps\AG\_Iron\_Middle.mxd

Path: H:\L\Peromane\NERT\RI\Eval Tech Memo\Figures for RI Eval Tech Memo\Groundwater Maps\AH\_Lead\_Shallow.mxd

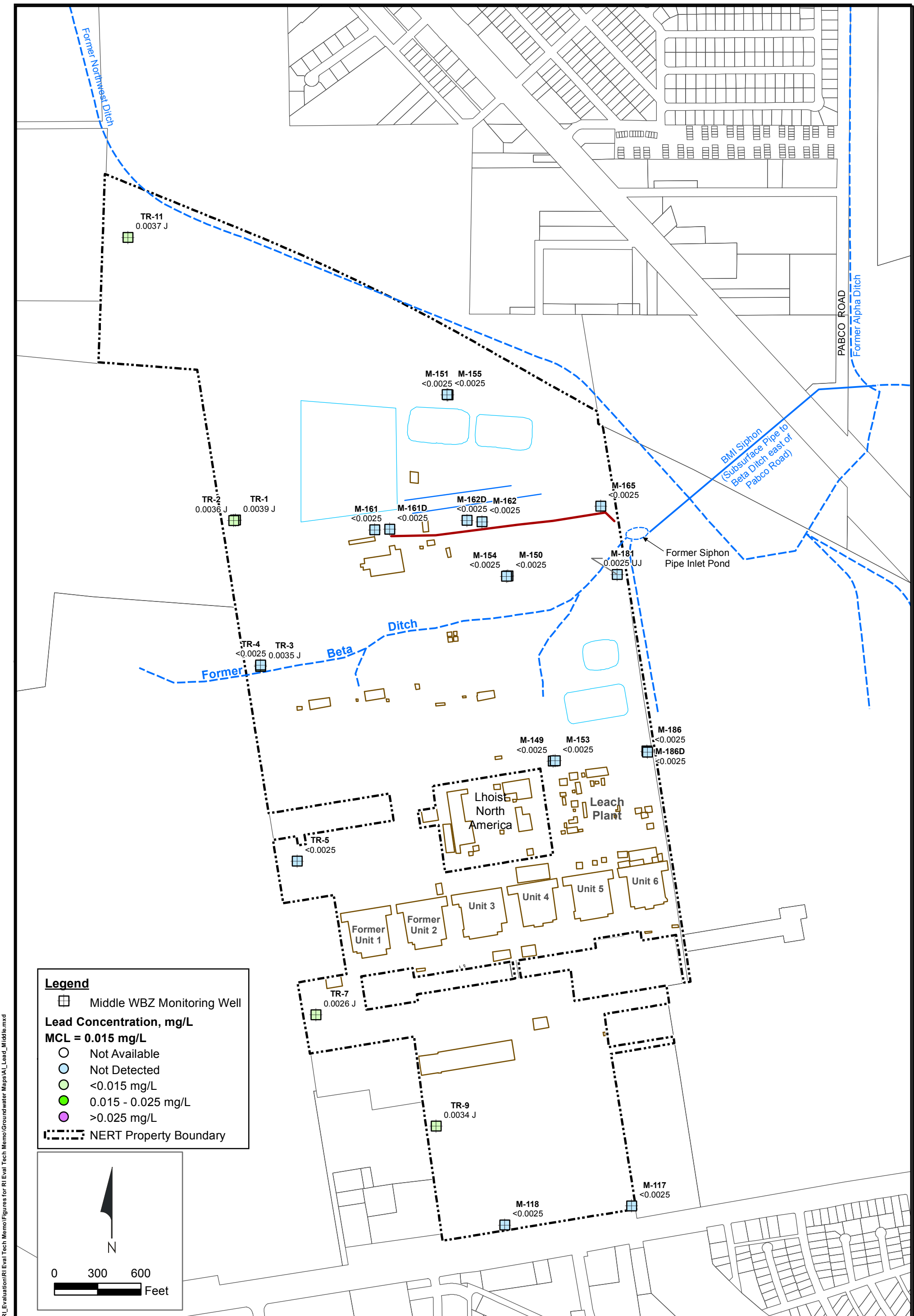


**Lead in Shallow Water Bearing Zone, 2014 - 2015**  
Nevada Environmental Response Trust Site, Henderson, Nevada

Figure **E-4a**

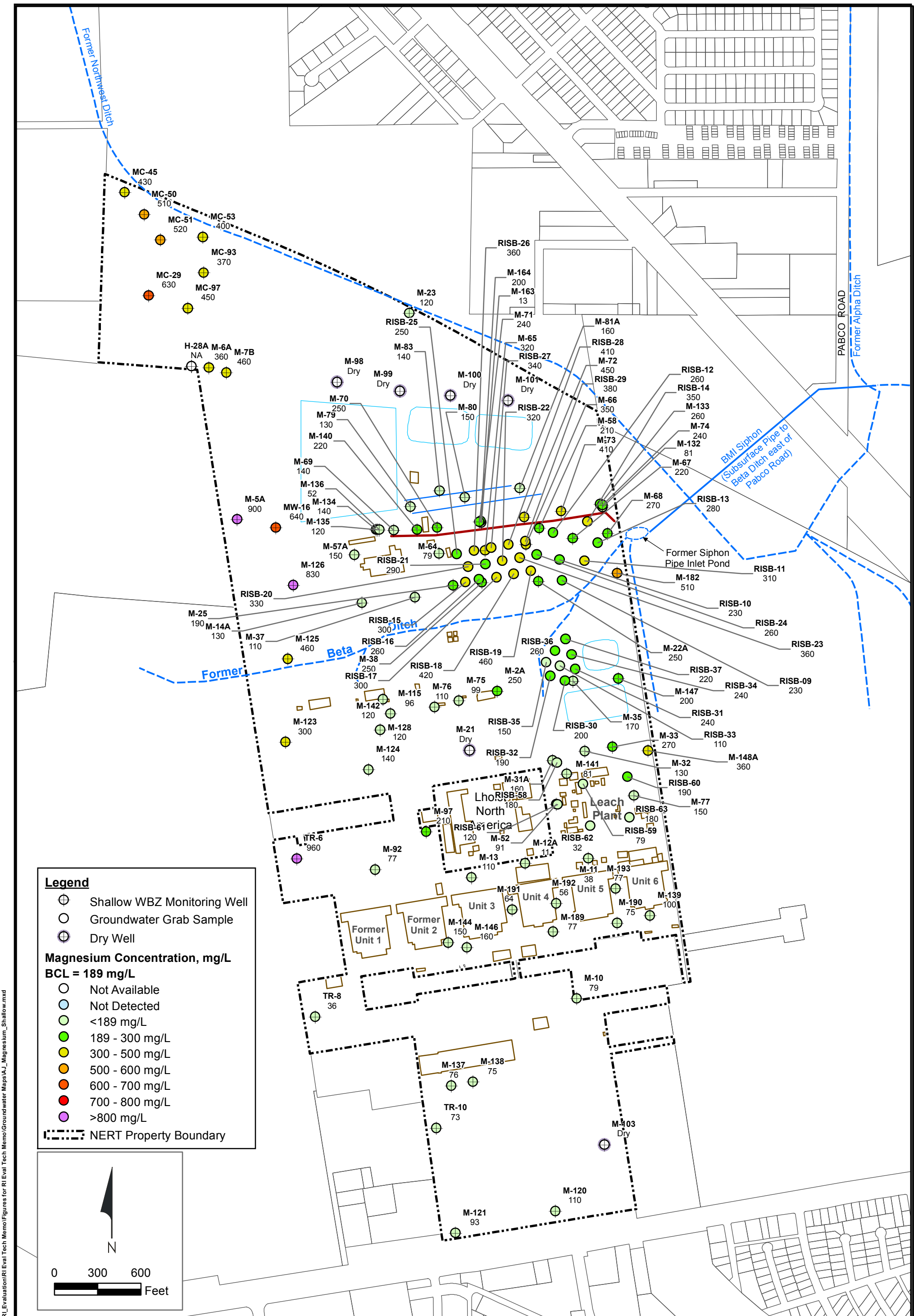






Path: H:\L\Peromane\NERT\RI\Eval\Tech Memo\Figures for RI Eval\Tech Memo\Groundwater Maps\AL\_Lead\_Middle.mxd





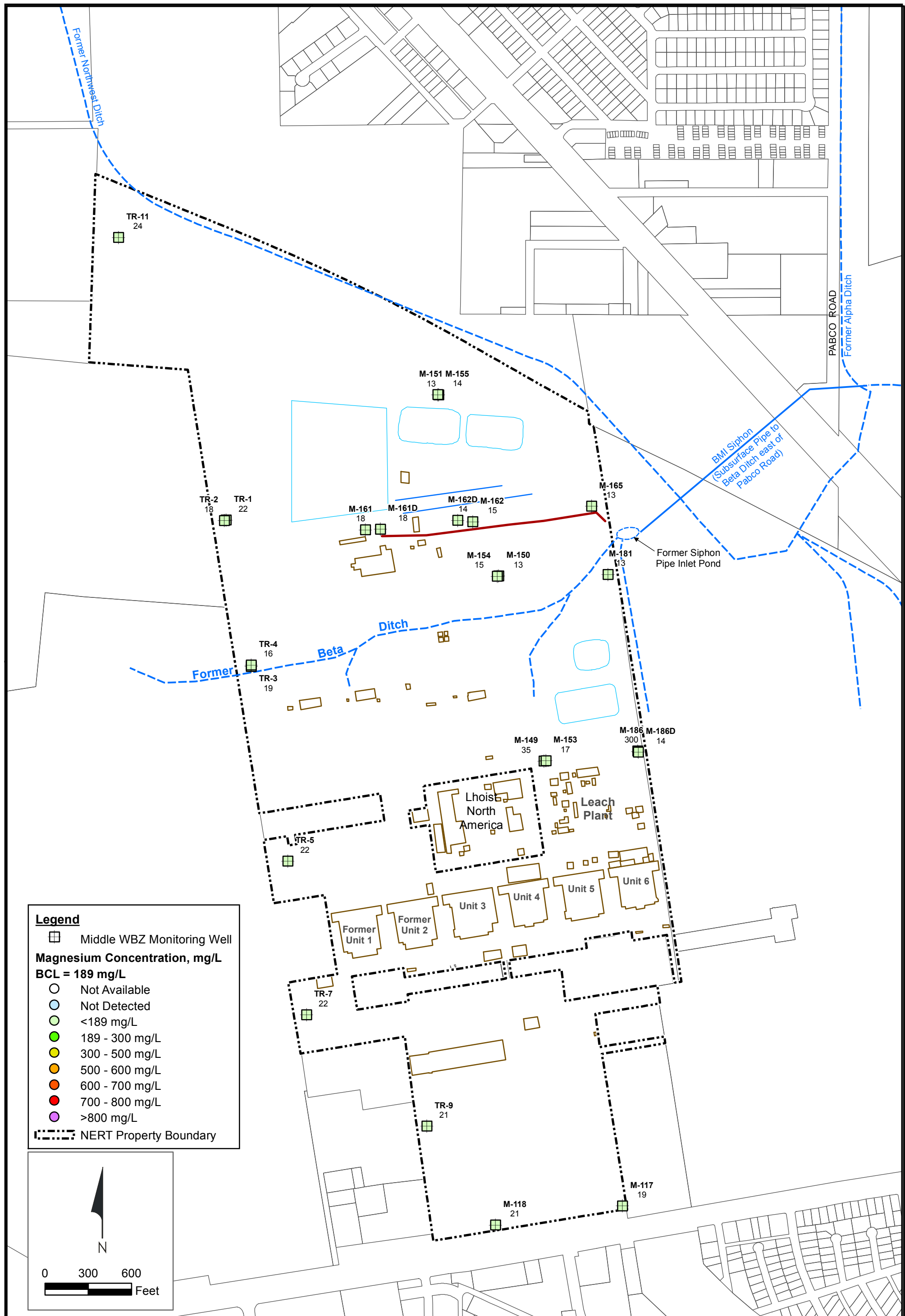
Path: H:\Petromane\NERT\RI\Eval\Tech Memo\Figures for RI Eval\Tech Memo\Groundwater Maps\AJ\_Magnesium\_Shallow.mxd

**Magnesium in Shallow Water Bearing Zone, 2014 - 2015**  
 Nevada Environmental Response Trust Site, Henderson, Nevada

Figure **E-5a**

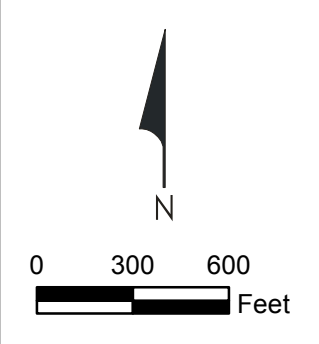


Path: H:\L\Peromane\NERT\RI\Eval Tech Memo\Figures for RI Eval Tech Memo\Groundwater Maps\AK\_Magnesium\_Middle.mxd



**Legend**

- Middle WBZ Monitoring Well
- Magnesium Concentration, mg/L**
- BCL = 189 mg/L**
- Not Available
- Not Detected
- <189 mg/L
- 189 - 300 mg/L
- 300 - 500 mg/L
- 500 - 600 mg/L
- 600 - 700 mg/L
- 700 - 800 mg/L
- >800 mg/L
- NERT Property Boundary

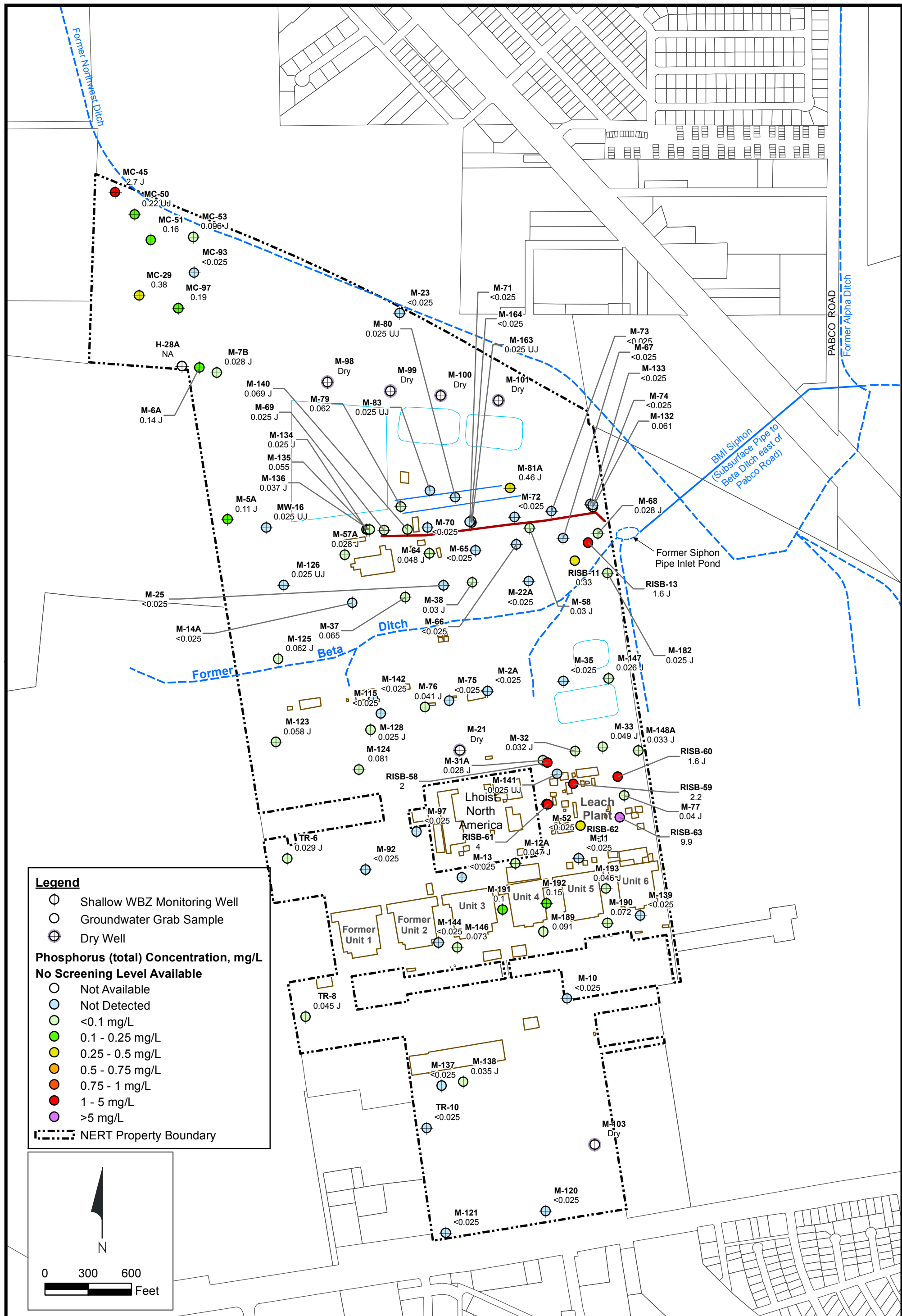


**Magnesium in Middle Water Bearing Zone, 2014 - 2015**  
 Nevada Environmental Response Trust Site, Henderson, Nevada

Figure **E-5b**



Path: H:\Petromane\NERT\RI\Eval Tech Memo\Figures for RI Eval Tech Memo\Groundwater Maps\AL\_Phosphorus\_total\_Shallow.mxd

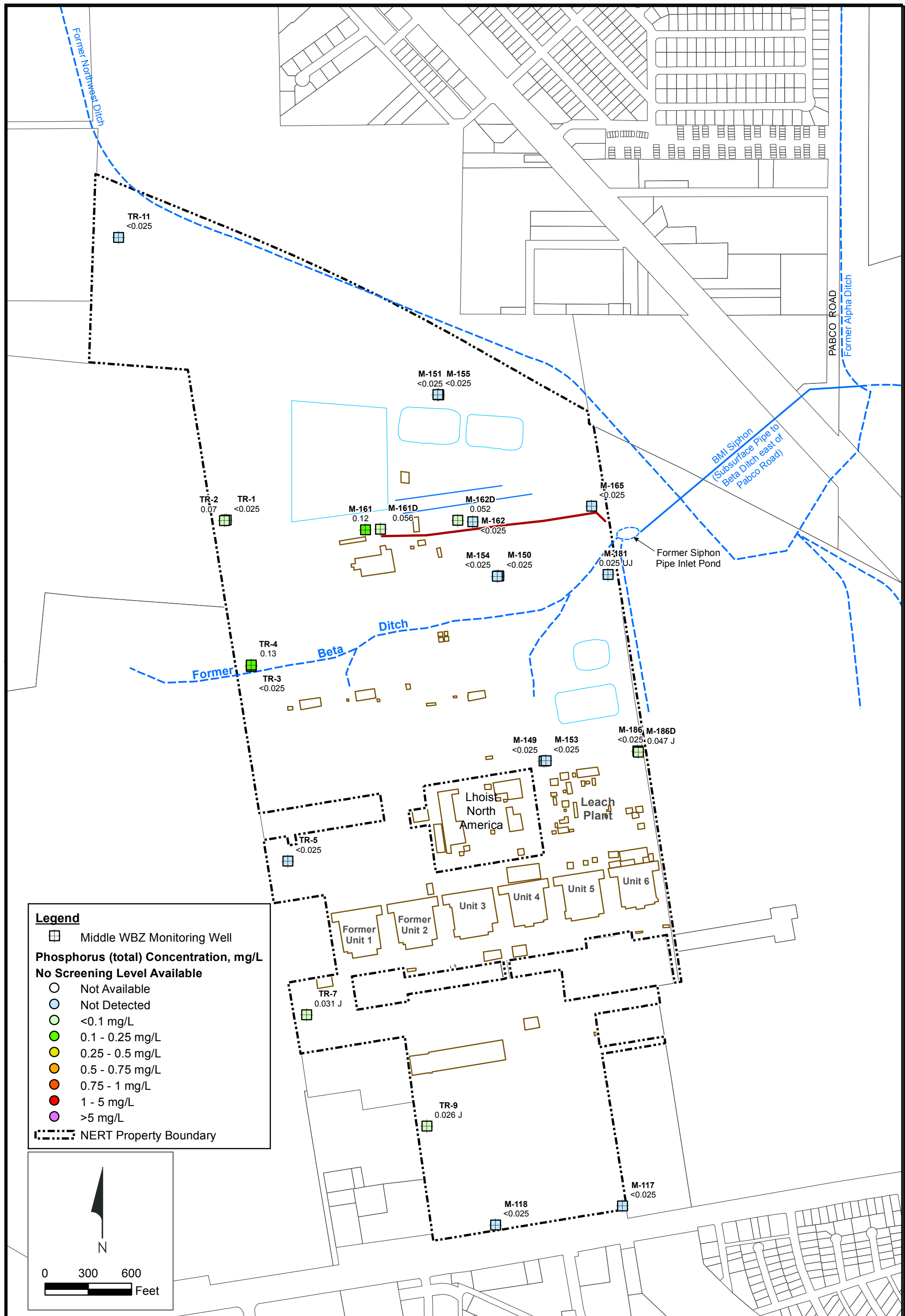


**Phosphorus (total) in Shallow Water Bearing Zone, 2014 - 2015**  
 Nevada Environmental Response Trust Site, Henderson, Nevada

Figure  
**E-6a**

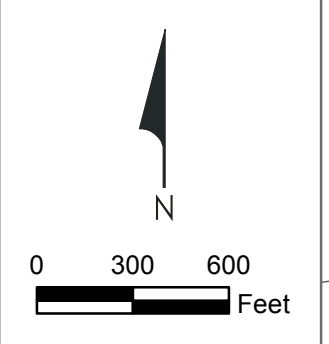


Path: H:\L\Peromane\NERT\RI\Eval\Tech Memo\Figures for RI Eval\Tech Memo\Groundwater Maps\AM\_Phosphorus\_total\_Middle.mxd



**Legend**

- Middle WBZ Monitoring Well
- Phosphorus (total) Concentration, mg/L**
- No Screening Level Available**
- Not Available
- Not Detected
- <0.1 mg/L
- 0.1 - 0.25 mg/L
- 0.25 - 0.5 mg/L
- 0.5 - 0.75 mg/L
- 0.75 - 1 mg/L
- 1 - 5 mg/L
- >5 mg/L
- NERT Property Boundary



**Phosphorus (total) in Middle Water Bearing Zone, 2014 - 2015**  
 Nevada Environmental Response Trust Site, Henderson, Nevada

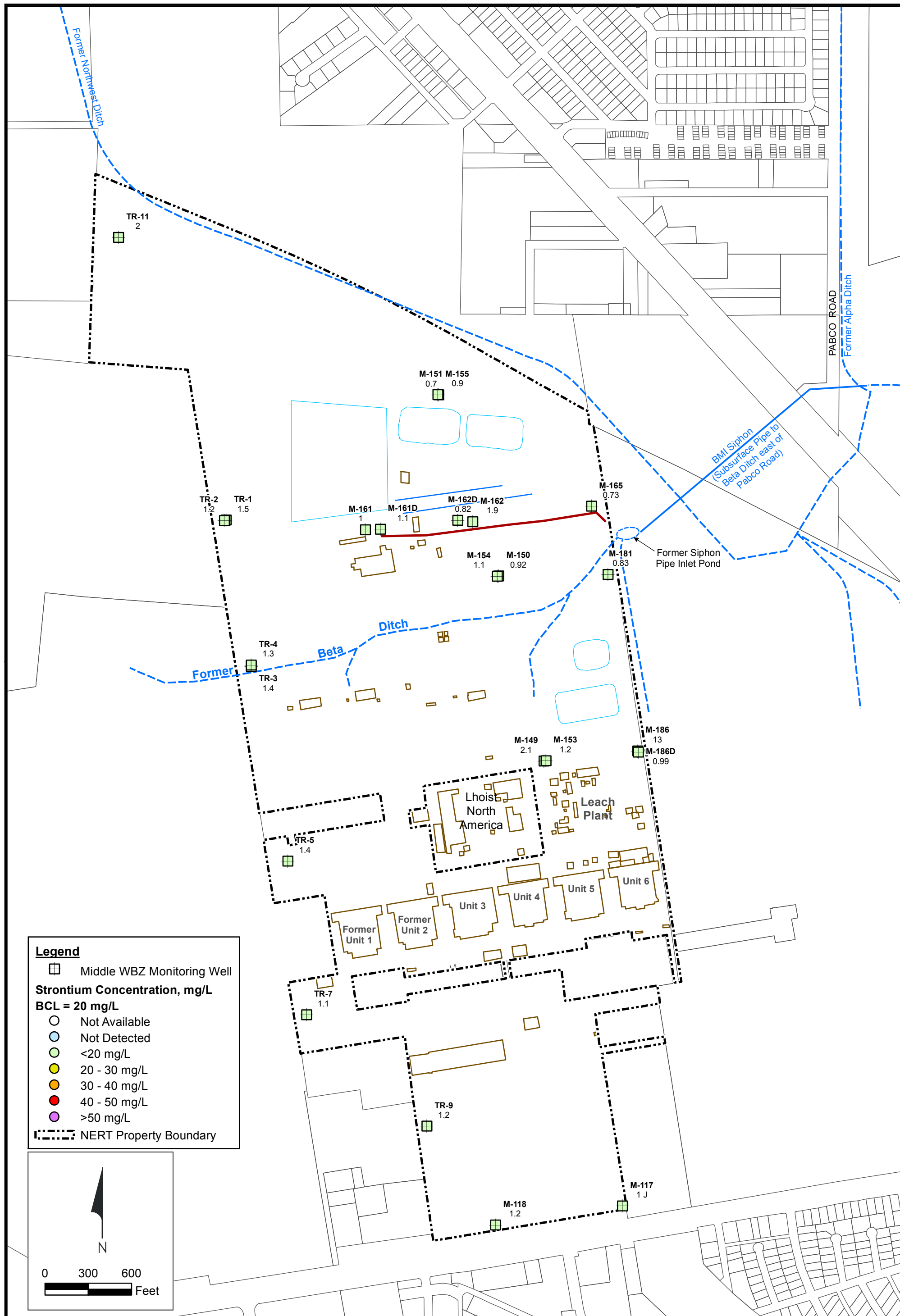
Figure **E-6b**







Path: H:\Petromane\NERT\RI\Eval Tech Memo\Figures for RI Eval Tech Memo\Groundwater Maps\AO\_Strontium\_Middle.mxd



**Legend**

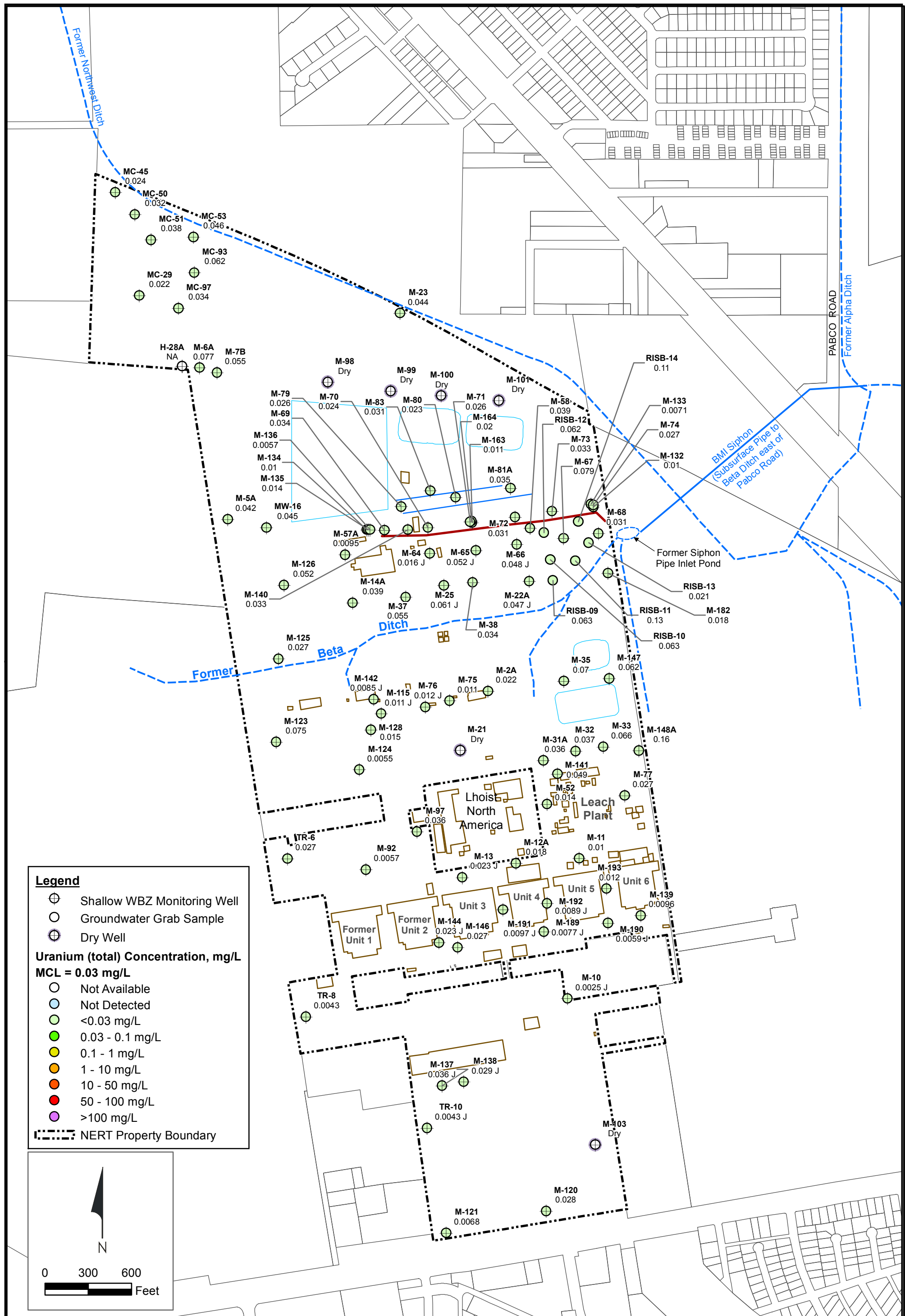
- Middle WBZ Monitoring Well
- Strontium Concentration, mg/L**
- BCL = 20 mg/L**
- Not Available
- Not Detected
- <20 mg/L
- 20 - 30 mg/L
- 30 - 40 mg/L
- 40 - 50 mg/L
- >50 mg/L
- NERT Property Boundary

**Strontium in Middle Water Bearing Zone, 2014 - 2015**  
 Nevada Environmental Response Trust Site, Henderson, Nevada

Figure **E-7b**



Path: H:\Petromane\NERT\RI\Eval Tech Memo\Figures for RI Eval Tech Memo\Groundwater Maps\AP\_Uranium\_total\_Shallow.mxd



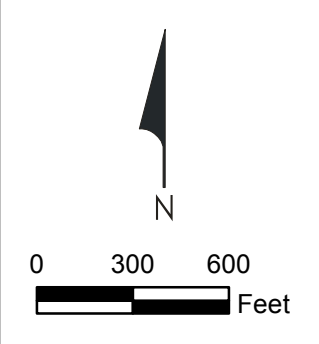
**Legend**

- ⊕ Shallow WBZ Monitoring Well
- Groundwater Grab Sample
- ⊖ Dry Well

**Uranium (total) Concentration, mg/L**  
**MCL = 0.03 mg/L**

- Not Available
- Not Detected
- <0.03 mg/L
- 0.03 - 0.1 mg/L
- 0.1 - 1 mg/L
- 1 - 10 mg/L
- 10 - 50 mg/L
- 50 - 100 mg/L
- >100 mg/L

--- NERT Property Boundary

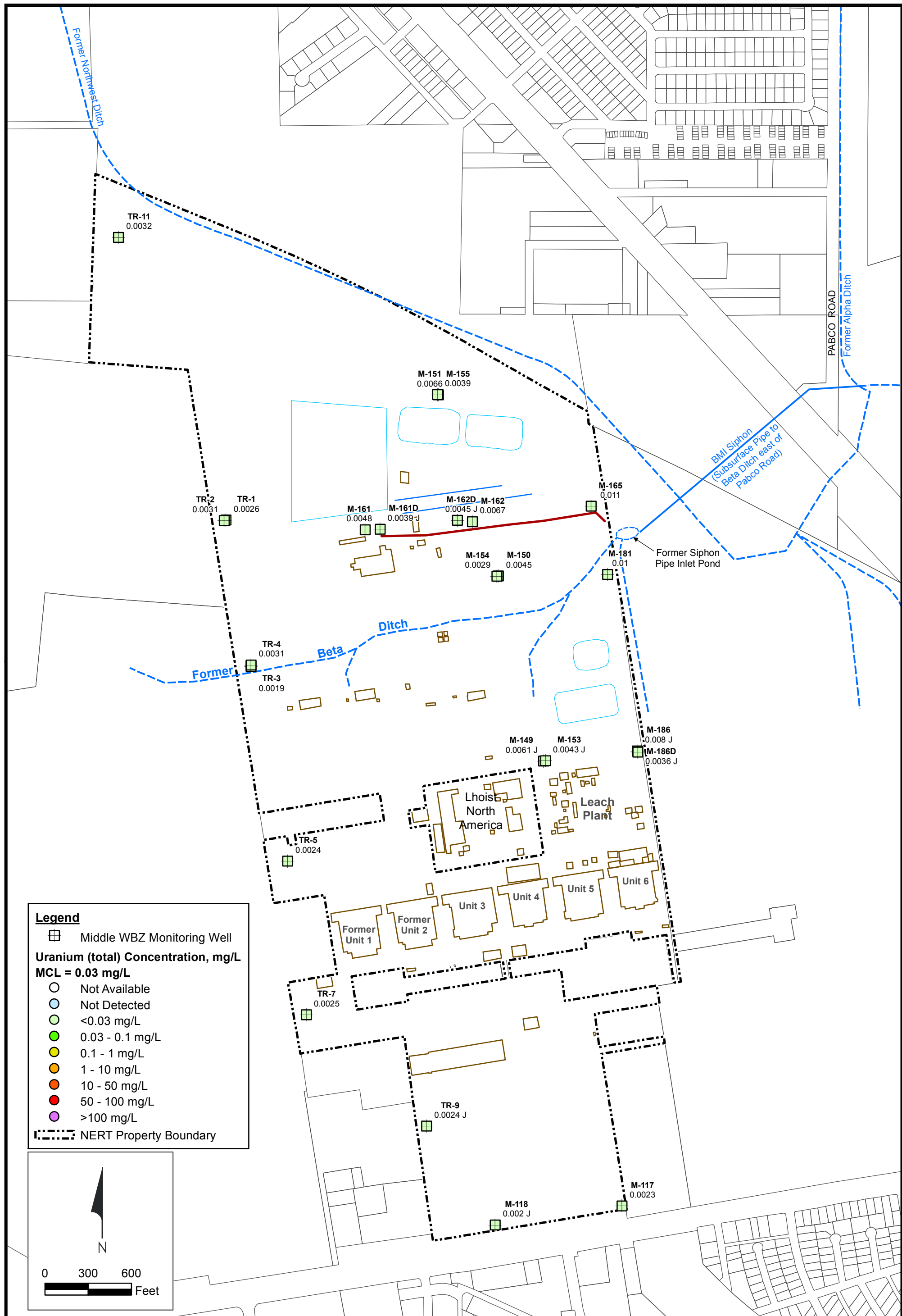


**Uranium (total) in Shallow Water Bearing Zone, 2014 - 2015**  
 Nevada Environmental Response Trust Site, Henderson, Nevada

Figure **E-8a**

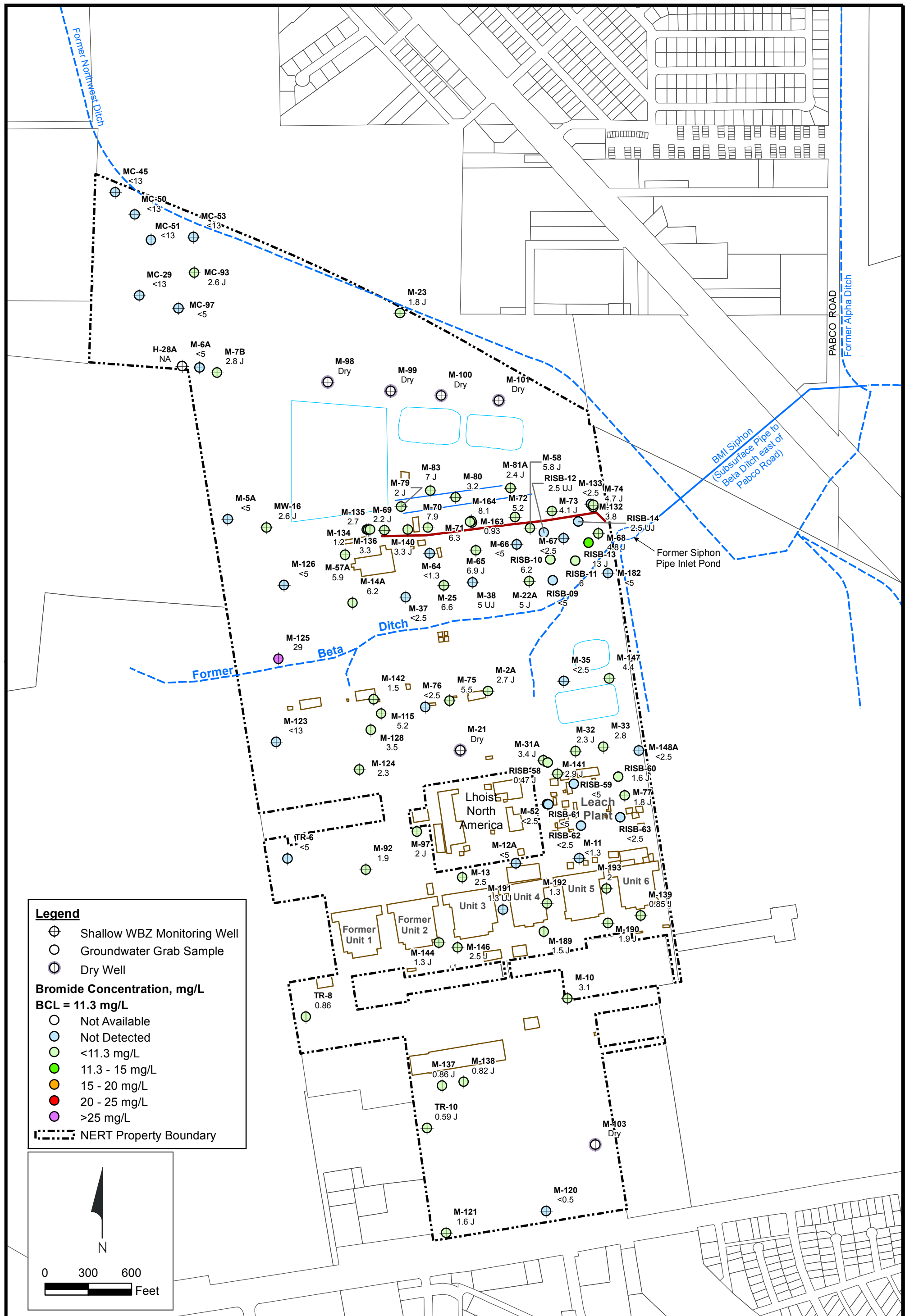








Path: H:\Petromane\NERT\RI\Eval Tech Memo\Figures for RI Eval Tech Memo\Groundwater Maps\AR\_Bromide\_Shallow.mxd



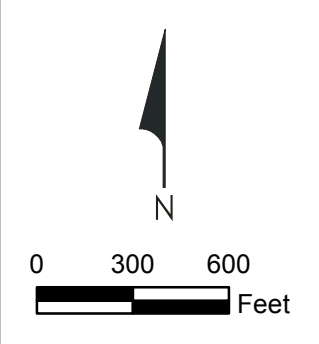
**Legend**

- ⊕ Shallow WBZ Monitoring Well
- Groundwater Grab Sample
- ⊖ Dry Well

**Bromide Concentration, mg/L**  
**BCL = 11.3 mg/L**

- Not Available
- Not Detected
- <11.3 mg/L
- 11.3 - 15 mg/L
- 15 - 20 mg/L
- 20 - 25 mg/L
- >25 mg/L

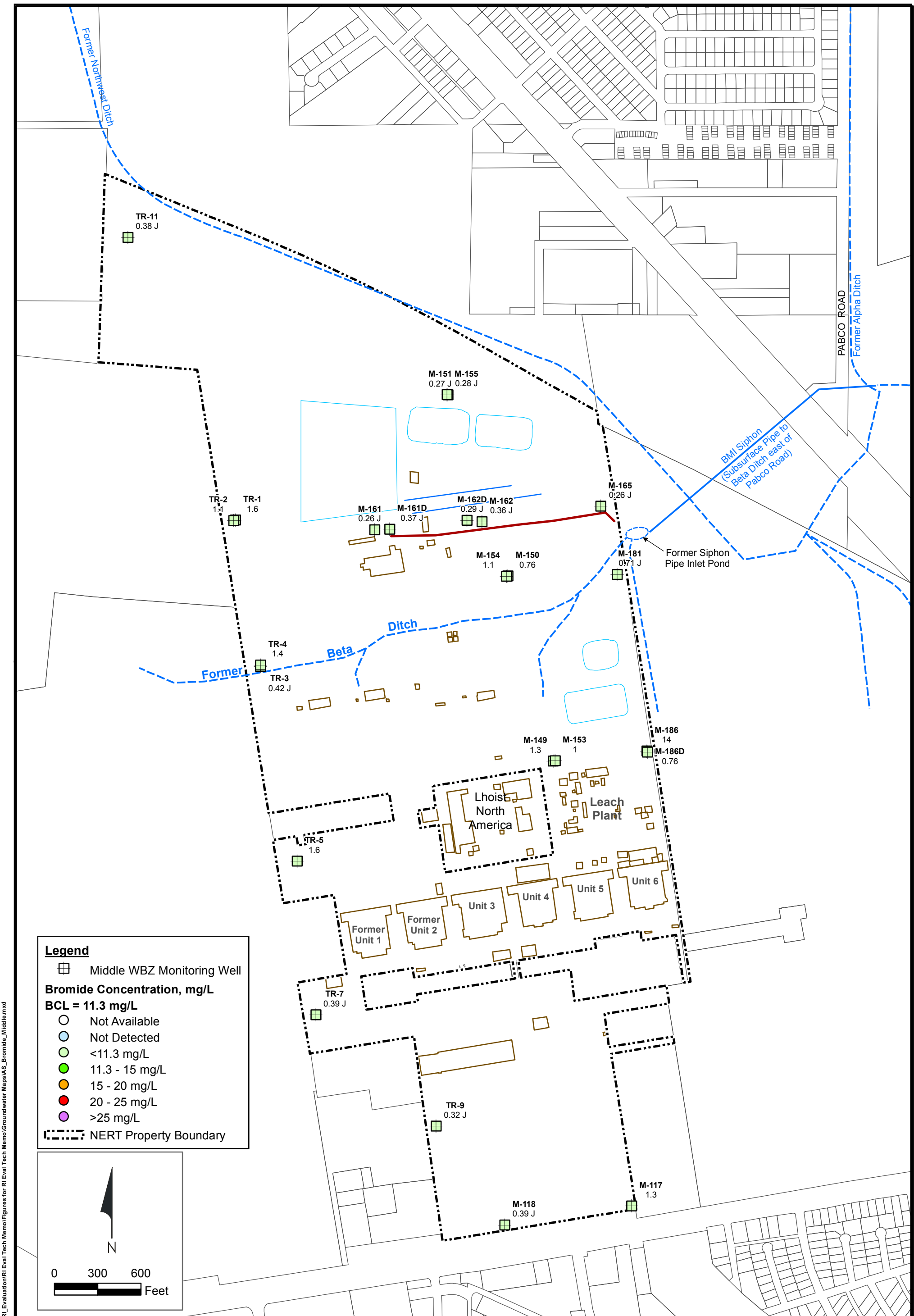
⋯ NERT Property Boundary



**Bromide in Shallow Water Bearing Zone, 2014 - 2015**  
 Nevada Environmental Response Trust Site, Henderson, Nevada

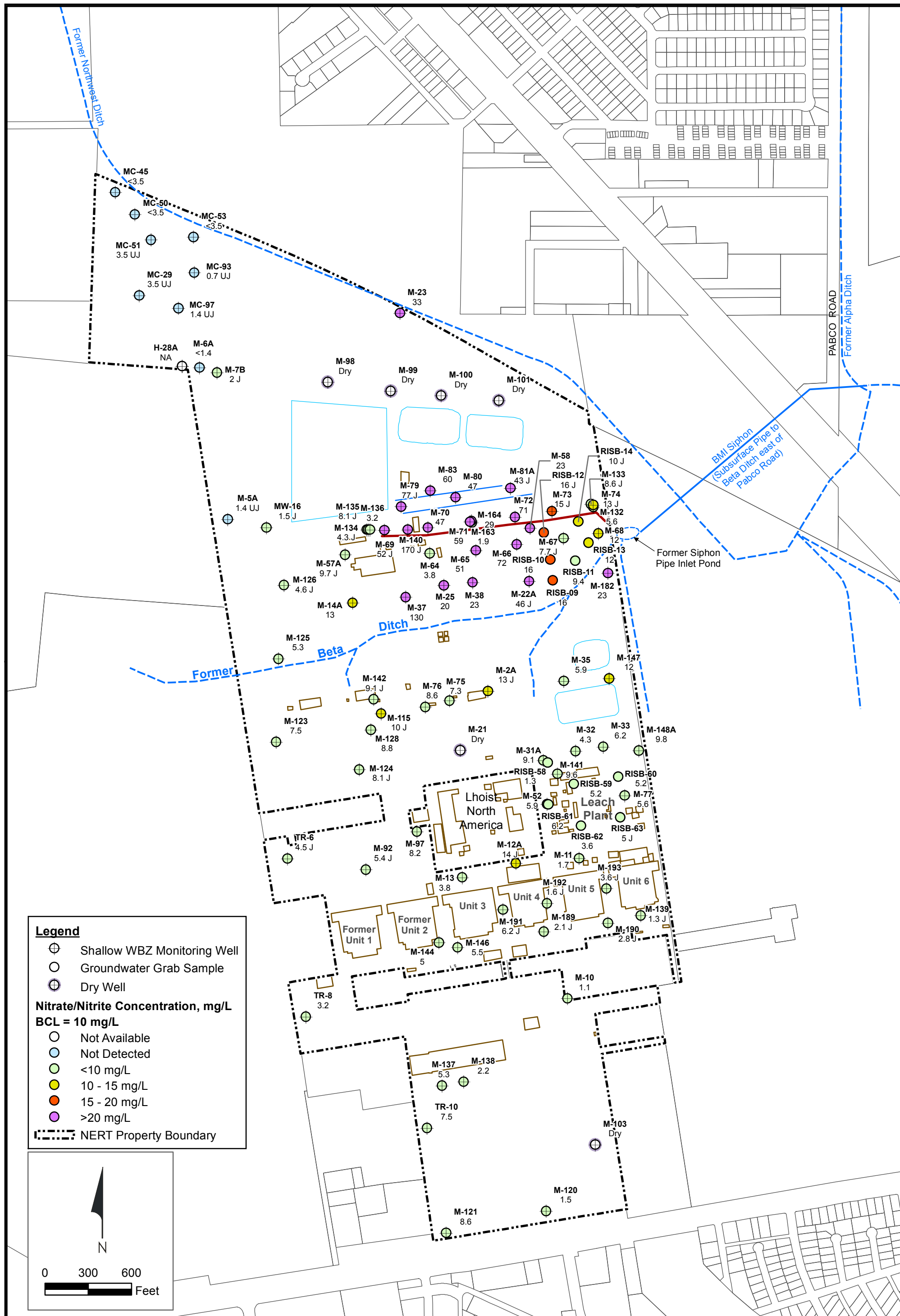
Figure **E-9a**



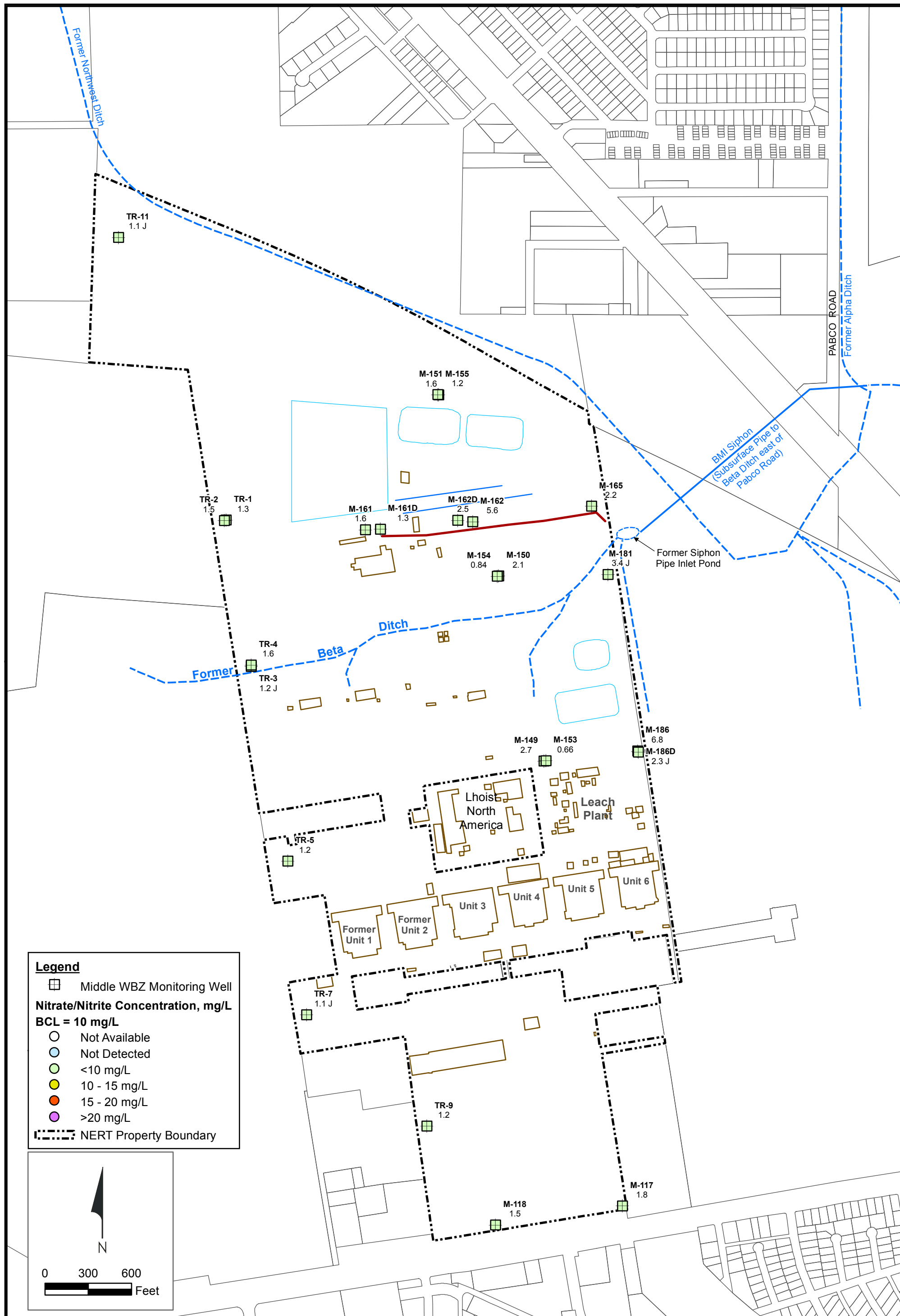


Path: H:\Petromane\NERT\RI\Evaluation\RI Eval Tech Memo\Figures for RI Eval Tech Memo\Groundwater Maps\AS\_Bromide\_Middle.mxd

Path: H:\L\Peromane\NERT\RI\Eval\Tech Memo\Figures for RI Eval\Tech Memo\Groundwater Maps\AT\_Nitrate-Nitrite\_Shallow.mxd



Path: H:\L\Peromane\NERT\RI\Eval Tech Memo\Figures for RI Eval Tech Memo\Groundwater Maps\AU\_Nitrate-Nitrite\_Middle.mxd



**Legend**

- Middle WBZ Monitoring Well
- Nitrate/Nitrite Concentration, mg/L**
- BCL = 10 mg/L**
- Not Available
- Not Detected
- <10 mg/L
- 10 - 15 mg/L
- 15 - 20 mg/L
- >20 mg/L
- NERT Property Boundary

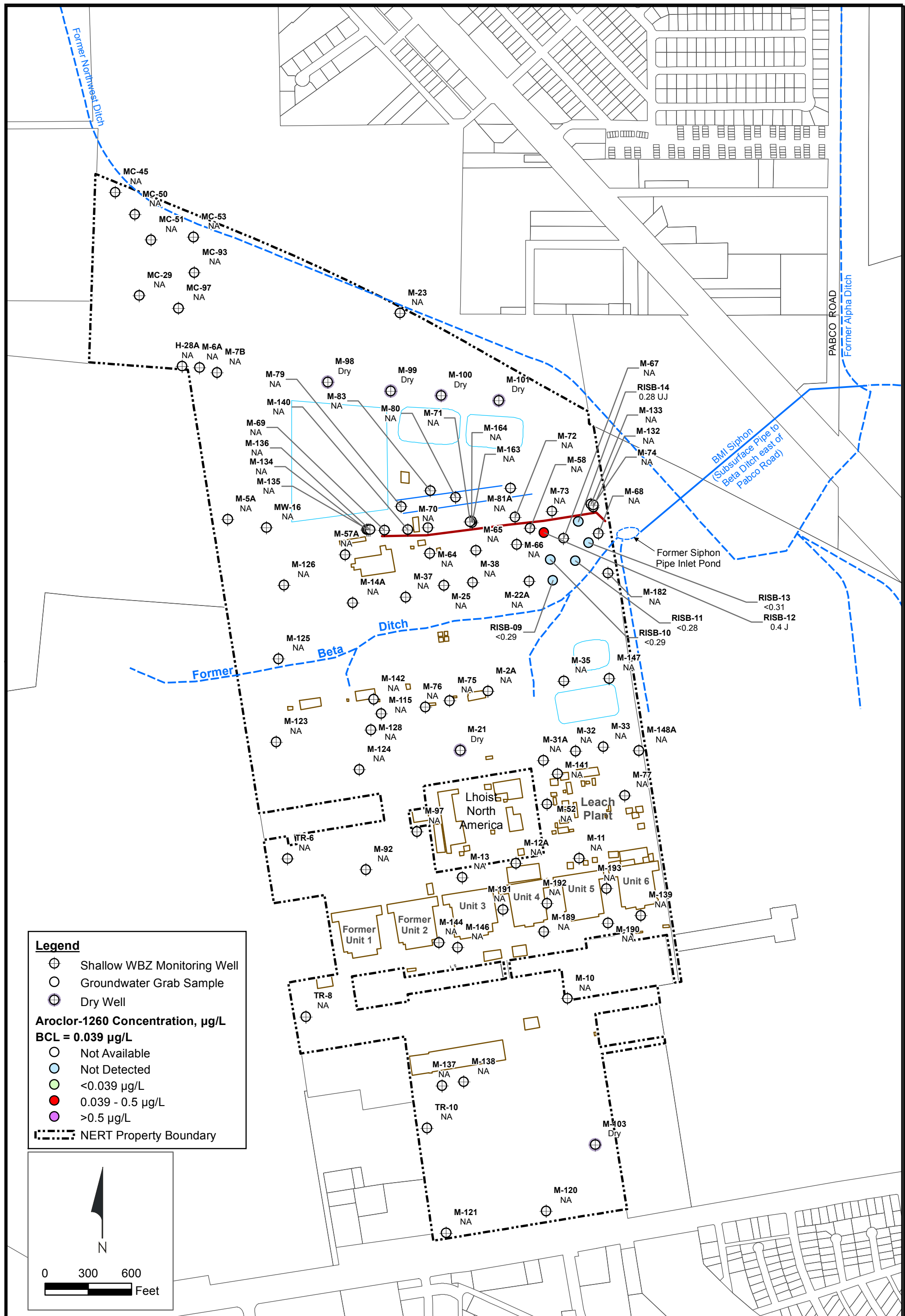
**Nitrate/Nitrite in Middle Water Bearing Zone, 2014 - 2015**  
 Nevada Environmental Response Trust Site, Henderson, Nevada

Figure **E-10b**





Path: H:\Petromane\NERT\RI\Eval Tech Memo\Figures for RI Eval Tech Memo\Groundwater Maps\AV\_Aroclor-1260\_Shallow.mxd



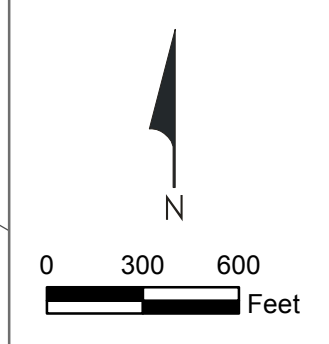
**Legend**

- ⊕ Shallow WBZ Monitoring Well
- Groundwater Grab Sample
- ⊖ Dry Well

**Aroclor-1260 Concentration, µg/L**  
**BCL = 0.039 µg/L**

- Not Available
- Not Detected
- <0.039 µg/L
- 0.039 - 0.5 µg/L
- >0.5 µg/L

⋯ NERT Property Boundary

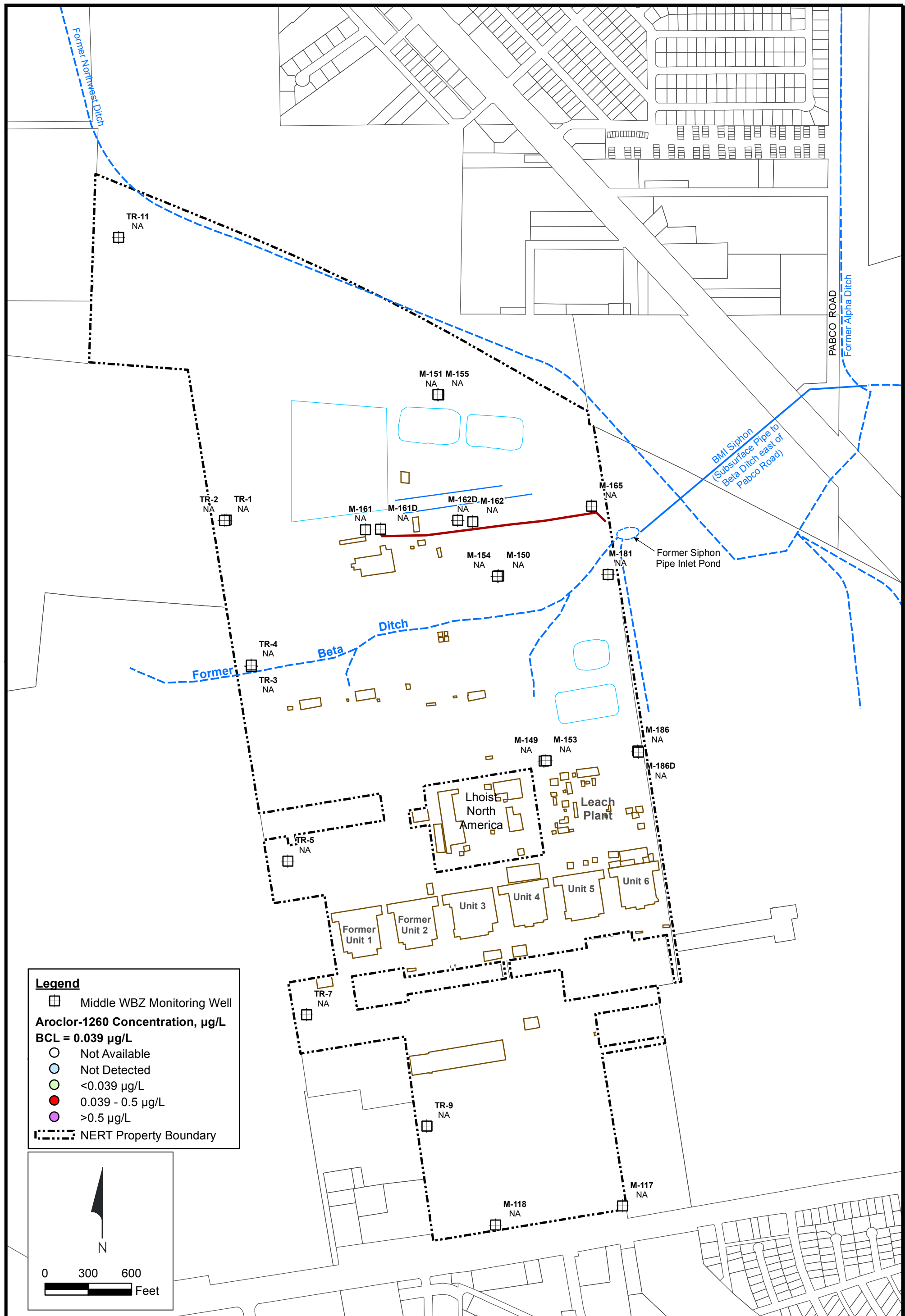


**Aroclor-1260 in Shallow Water Bearing Zone, 2014 - 2015**  
 Nevada Environmental Response Trust Site, Henderson, Nevada

Figure **E-11a**



Path: H:\L\Peromane\NERT\RI\Eval Tech Memo\Figures for RI Eval Tech Memo\Groundwater Maps\AW\_Aroclor-1260\_Middle.mxd



**Legend**

- Middle WBZ Monitoring Well
- Aroclor-1260 Concentration, µg/L**
- BCL = 0.039 µg/L**
- Not Available
- Not Detected
- <0.039 µg/L
- 0.039 - 0.5 µg/L
- >0.5 µg/L
- NERT Property Boundary

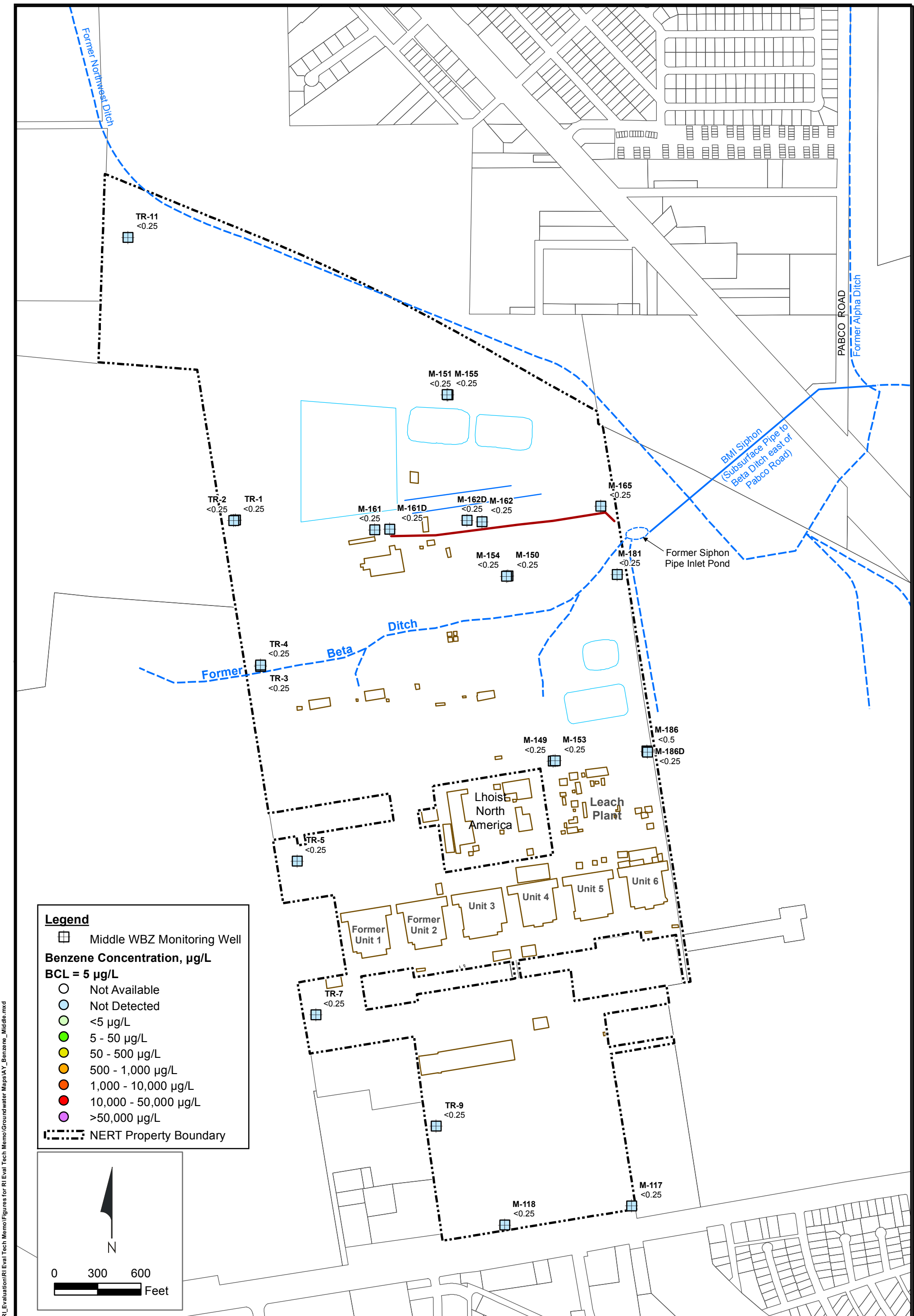
**Aroclor-1260 in Middle Water Bearing Zone, 2014 - 2015**  
 Nevada Environmental Response Trust Site, Henderson, Nevada

Figure  
**E-11b**



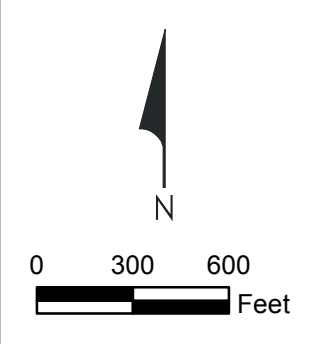






**Legend**

- Middle WBZ Monitoring Well
- Benzene Concentration,  $\mu\text{g/L}$**
- BCL = 5  $\mu\text{g/L}$**
- Not Available
- Not Detected
- <math>< 5 \mu\text{g/L}</math>
- 5 - 50  $\mu\text{g/L}$
- 50 - 500  $\mu\text{g/L}$
- 500 - 1,000  $\mu\text{g/L}$
- 1,000 - 10,000  $\mu\text{g/L}$
- 10,000 - 50,000  $\mu\text{g/L}$
- >50,000  $\mu\text{g/L}$
- NERT Property Boundary



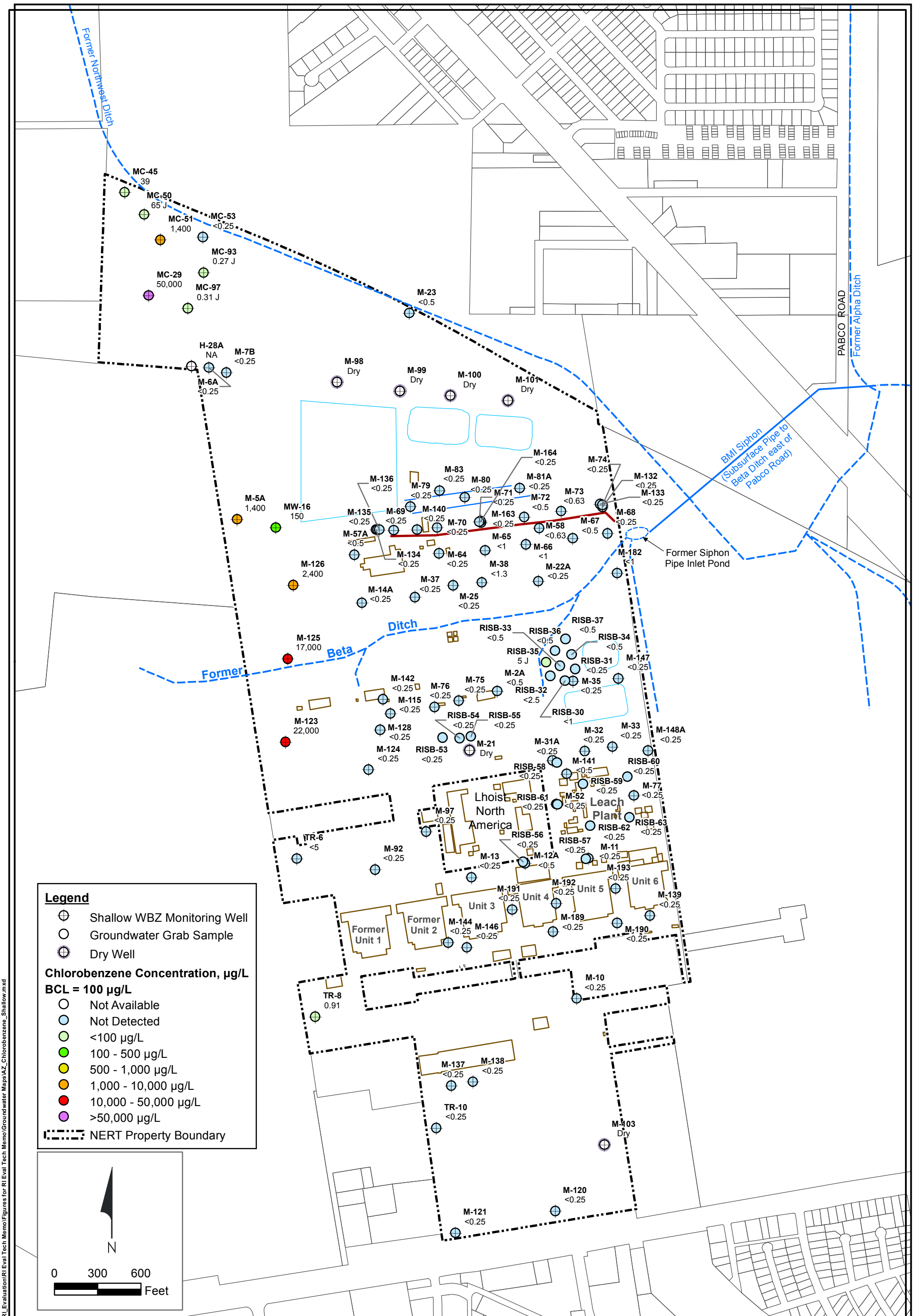
**Benzene in Middle Water Bearing Zone, 2014 - 2015**  
 Nevada Environmental Response Trust Site, Henderson, Nevada

Figure  
**E-12b**

Path: H:\Petromane\NERT\RI\Evaluation\RI Eval Tech Memo\Figures for RI Eval Tech Memo\Groundwater Maps\AY\_Benzene\_Middle.mxd





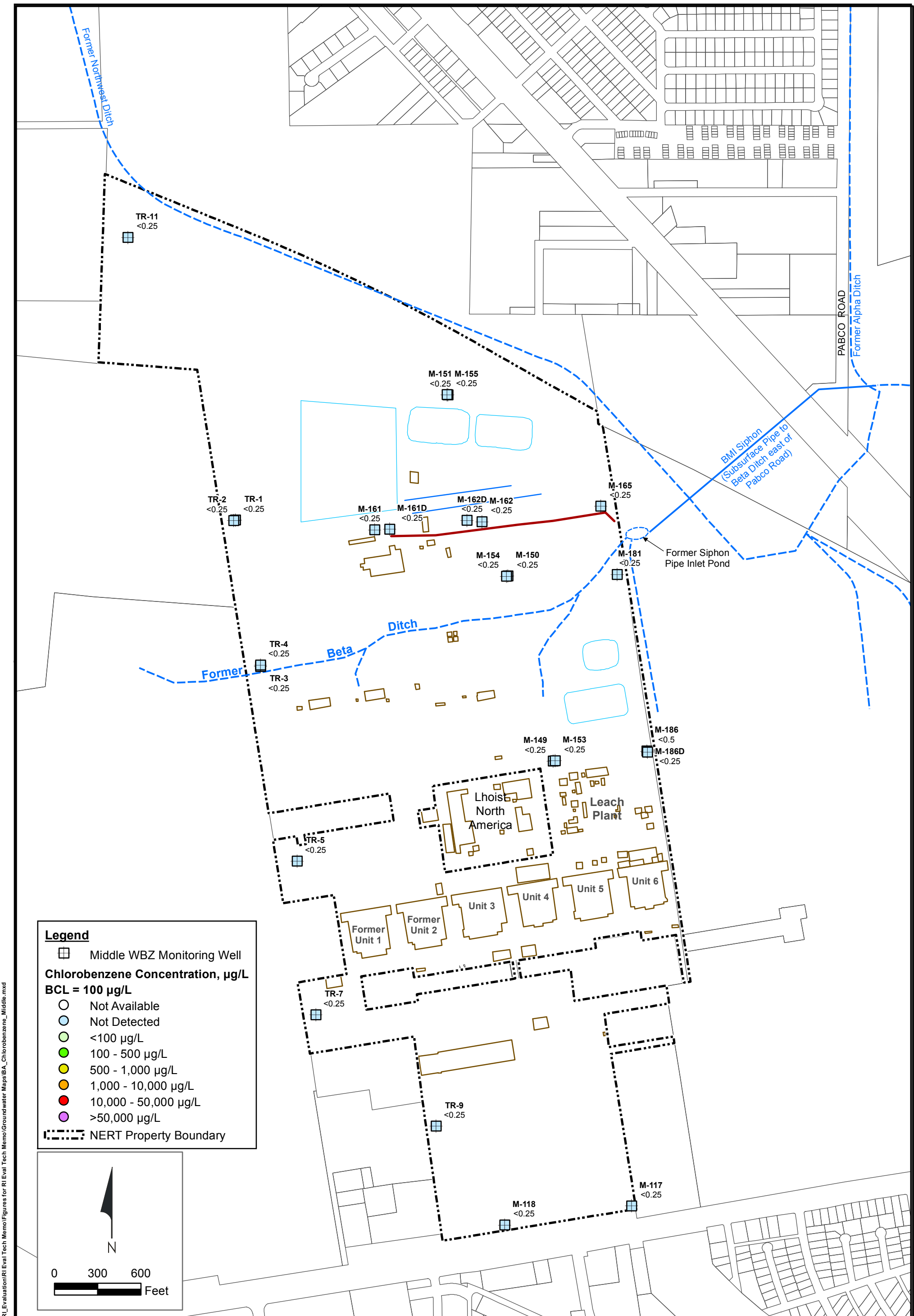


**Chlorobenzene in Shallow Water Bearing Zone, 2014 - 2015**  
 Nevada Environmental Response Trust Site, Henderson, Nevada

Figure  
**E-13a**

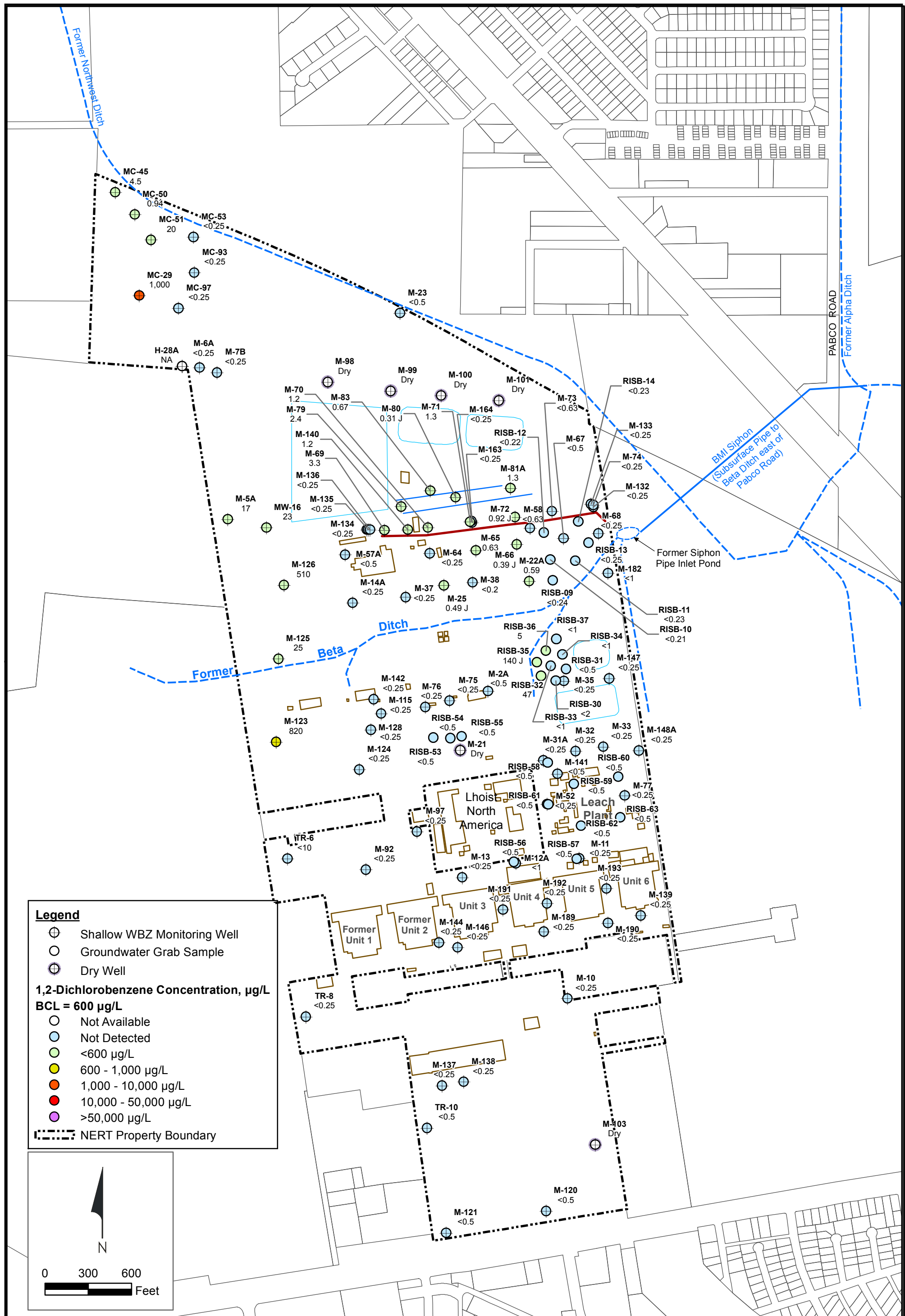


Path: H:\L\Peromane\NERT\RI Eval Tech Memo\Figures for RI Eval Tech Memo\Groundwater Maps\AZ\_Chlorobenzene\_Shallow.mxd



Path: H:\Petromane\NERT\RI\Evaluation\RI Eval Tech Memo\Figures for RI Eval Tech Memo\Groundwater Maps\BA\_Chlorobenzene\_Middle.mxd

Path: H:\Petromane\NERT\RI\Eval Tech Memo\Groundwater Maps\BB\_1,2-Dichlorobenzene\_Shallow.mxd



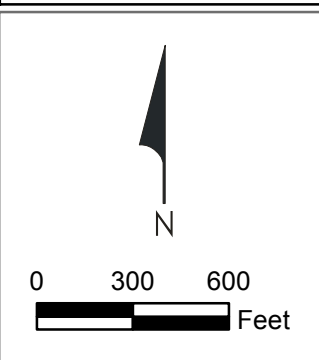
**Legend**

- ⊕ Shallow WBZ Monitoring Well
- Groundwater Grab Sample
- ⊖ Dry Well

**1,2-Dichlorobenzene Concentration, µg/L**  
**BCL = 600 µg/L**

- Not Available
- Not Detected
- <600 µg/L
- 600 - 1,000 µg/L
- 1,000 - 10,000 µg/L
- 10,000 - 50,000 µg/L
- >50,000 µg/L

--- NERT Property Boundary

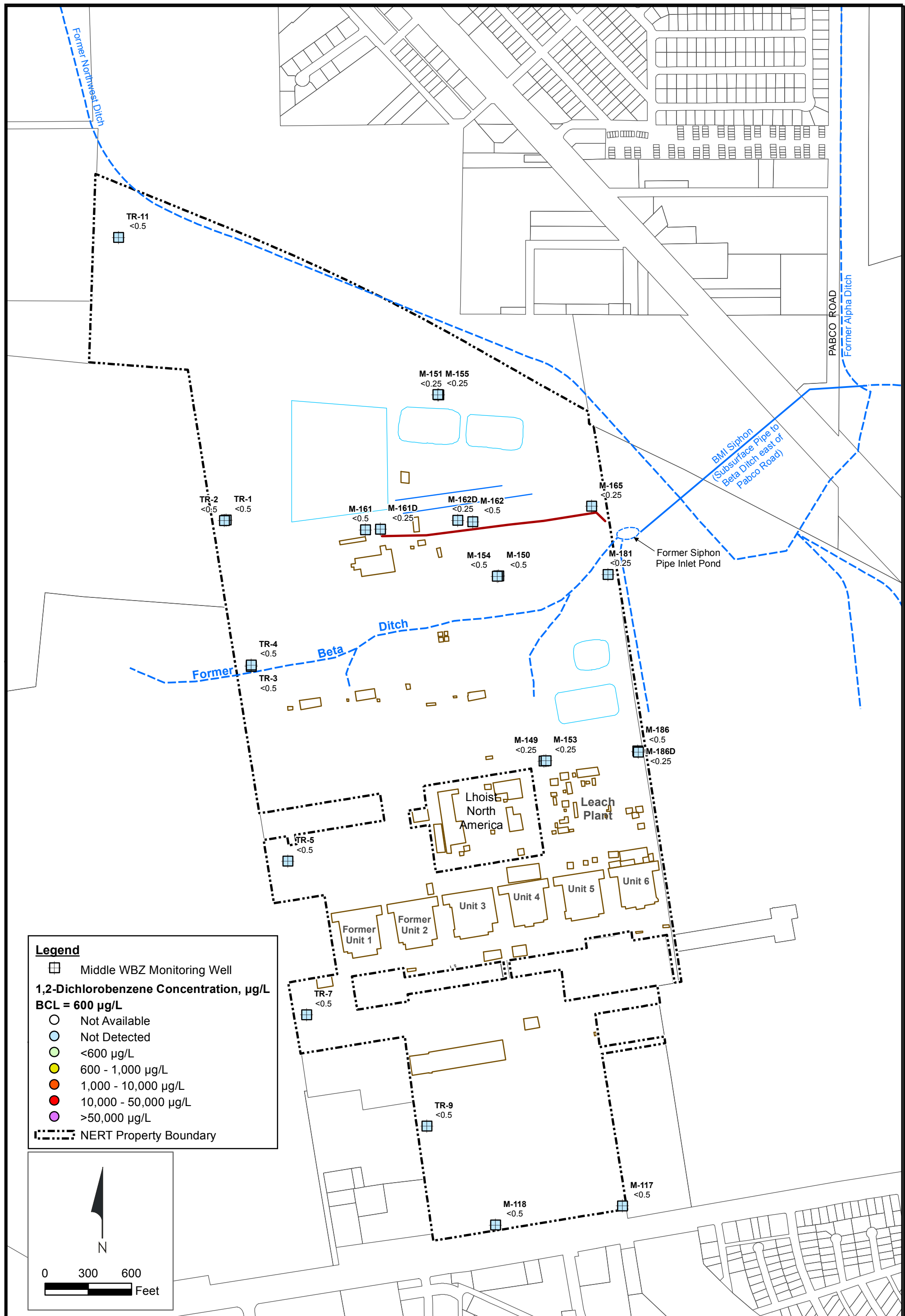


**1,2-Dichlorobenzene in Shallow Water Bearing Zone, 2014 - 2015**  
 Nevada Environmental Response Trust Site, Henderson, Nevada

Figure **E-14a**



Path: H:\L\Peromane\NERT\RI\Eval Tech Memo\Figures for RI Eval Tech Memo\Groundwater Maps\BC\_1,2-Dichlorobenzene\_Middle.mxd



**Legend**

- Middle WBZ Monitoring Well
- 1,2-Dichlorobenzene Concentration, µg/L**
- BCL = 600 µg/L**
- Not Available
- Not Detected
- <600 µg/L
- 600 - 1,000 µg/L
- 1,000 - 10,000 µg/L
- 10,000 - 50,000 µg/L
- >50,000 µg/L
- NERT Property Boundary

**1,2-Dichlorobenzene in Middle Water Bearing Zone, 2014 - 2015**  
 Nevada Environmental Response Trust Site, Henderson, Nevada

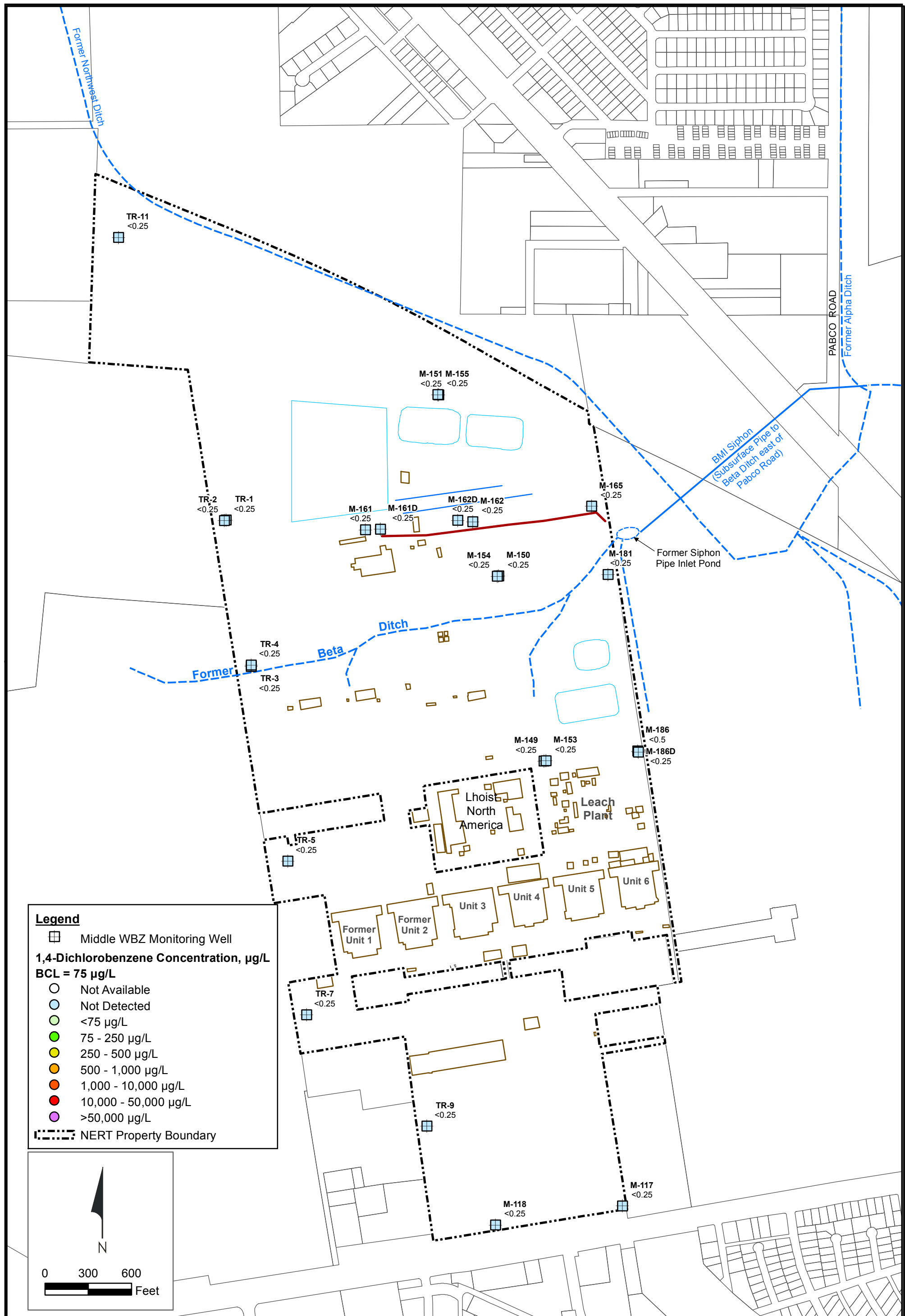
Figure **E-14b**







Path: H:\L\Peromane\NERT\RI\Eval\Tech Memo\Figures for RI Eval\Tech Memo\Groundwater Maps\BE\_1,4-Dichlorobenzene\_Middle.mxd



**Legend**

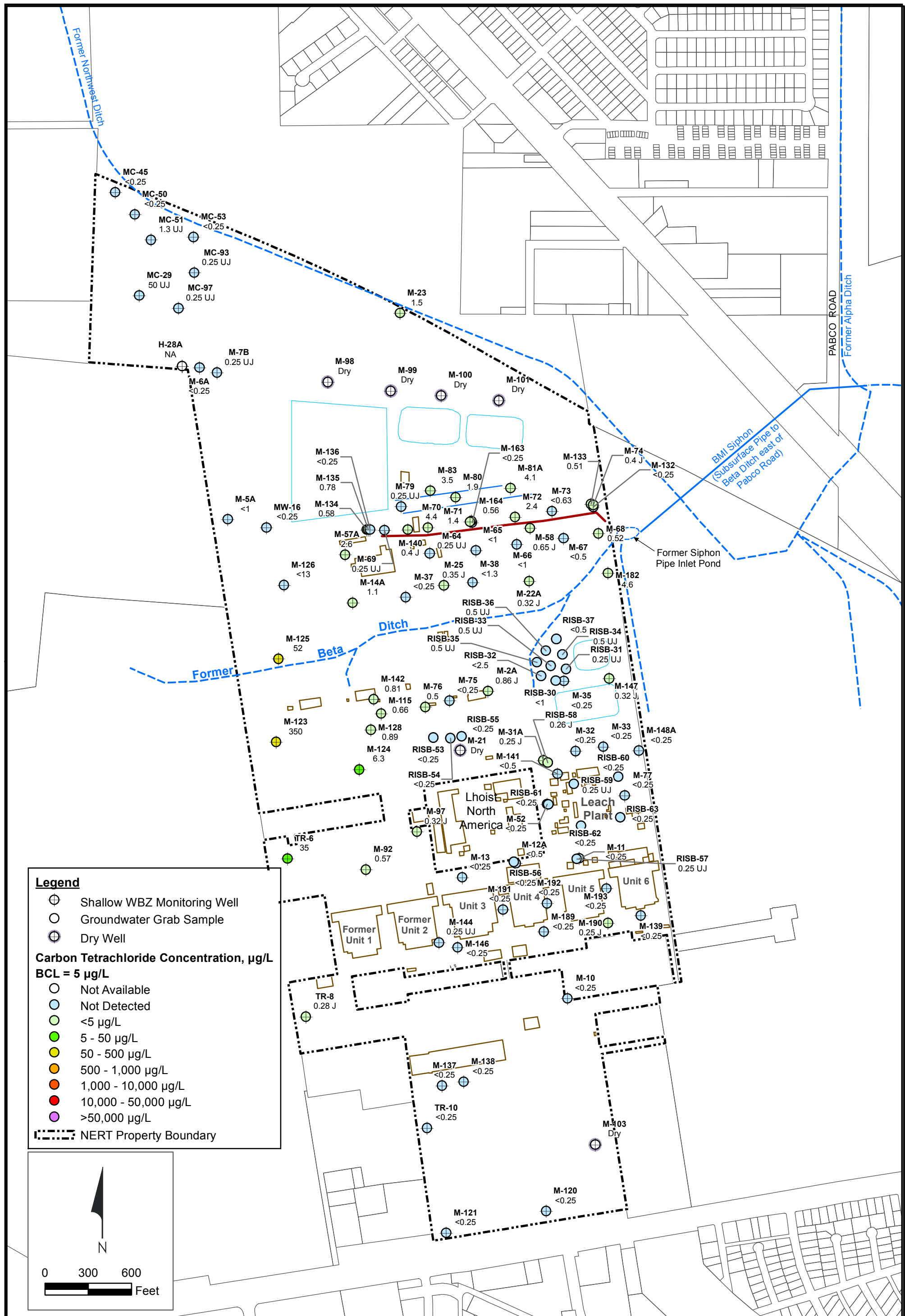
- Middle WBZ Monitoring Well
- 1,4-Dichlorobenzene Concentration,  $\mu\text{g/L}$**
- BCL = 75  $\mu\text{g/L}$**
- Not Available
- Not Detected
- <math><75\ \mu\text{g/L}</math>
- 75 - 250  $\mu\text{g/L}$
- 250 - 500  $\mu\text{g/L}$
- 500 - 1,000  $\mu\text{g/L}$
- 1,000 - 10,000  $\mu\text{g/L}$
- 10,000 - 50,000  $\mu\text{g/L}$
- >50,000  $\mu\text{g/L}$
- NERT Property Boundary

**1,4-Dichlorobenzene in Middle Water Bearing Zone, 2014 - 2015**  
 Nevada Environmental Response Trust Site, Henderson, Nevada

Figure **E-15b**



Path: H:\L\Petromane\NERT\RI\Eval Tech Memo\Figures for RI Eval Tech Memo\Groundwater Maps\BF\_Carbon tetrachloride\_Shallow.mxd

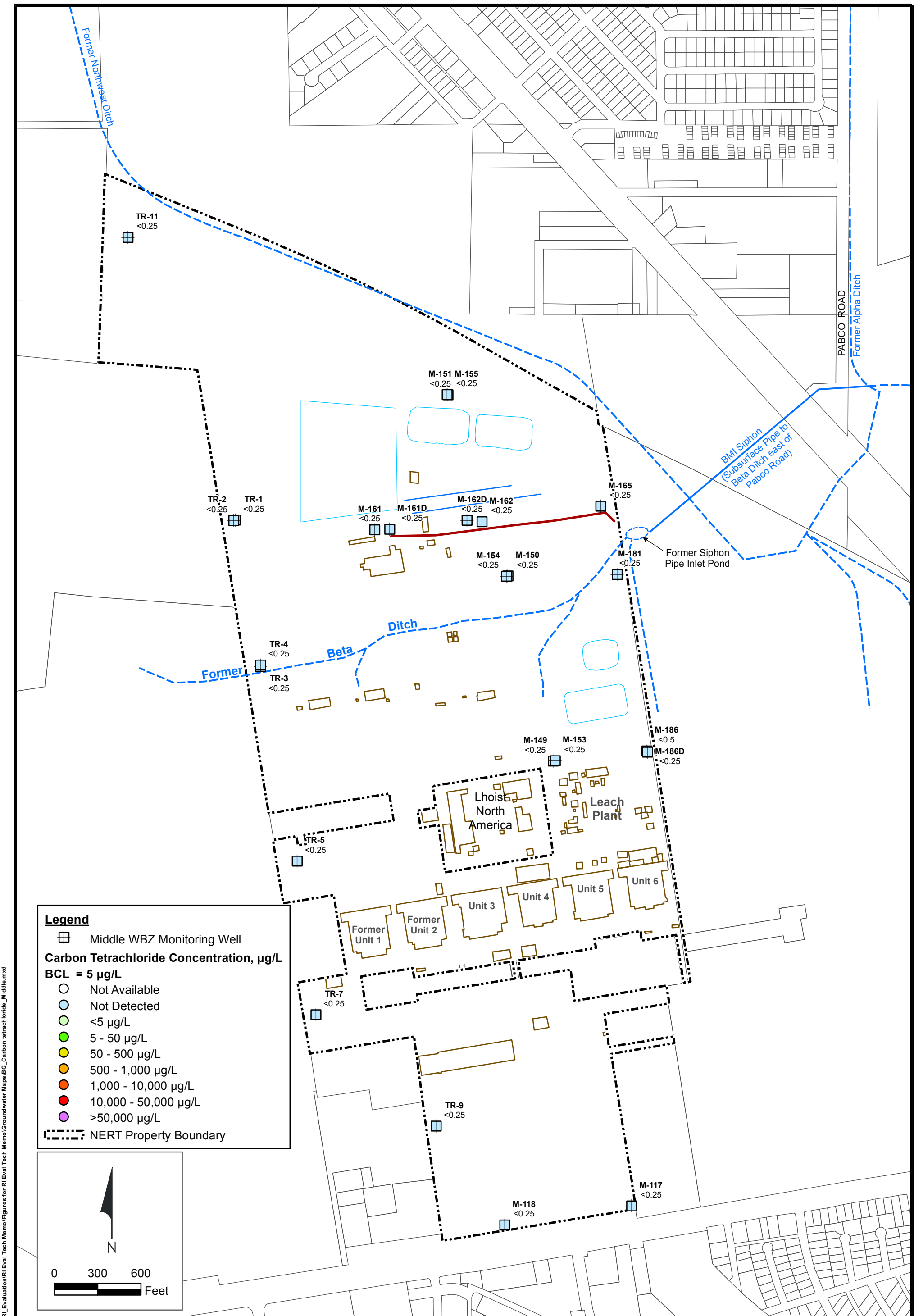


**Carbon tetrachloride in Shallow Water Bearing Zone, 2014 - 2015**  
 Nevada Environmental Response Trust Site, Henderson, Nevada

Figure **E-16a**





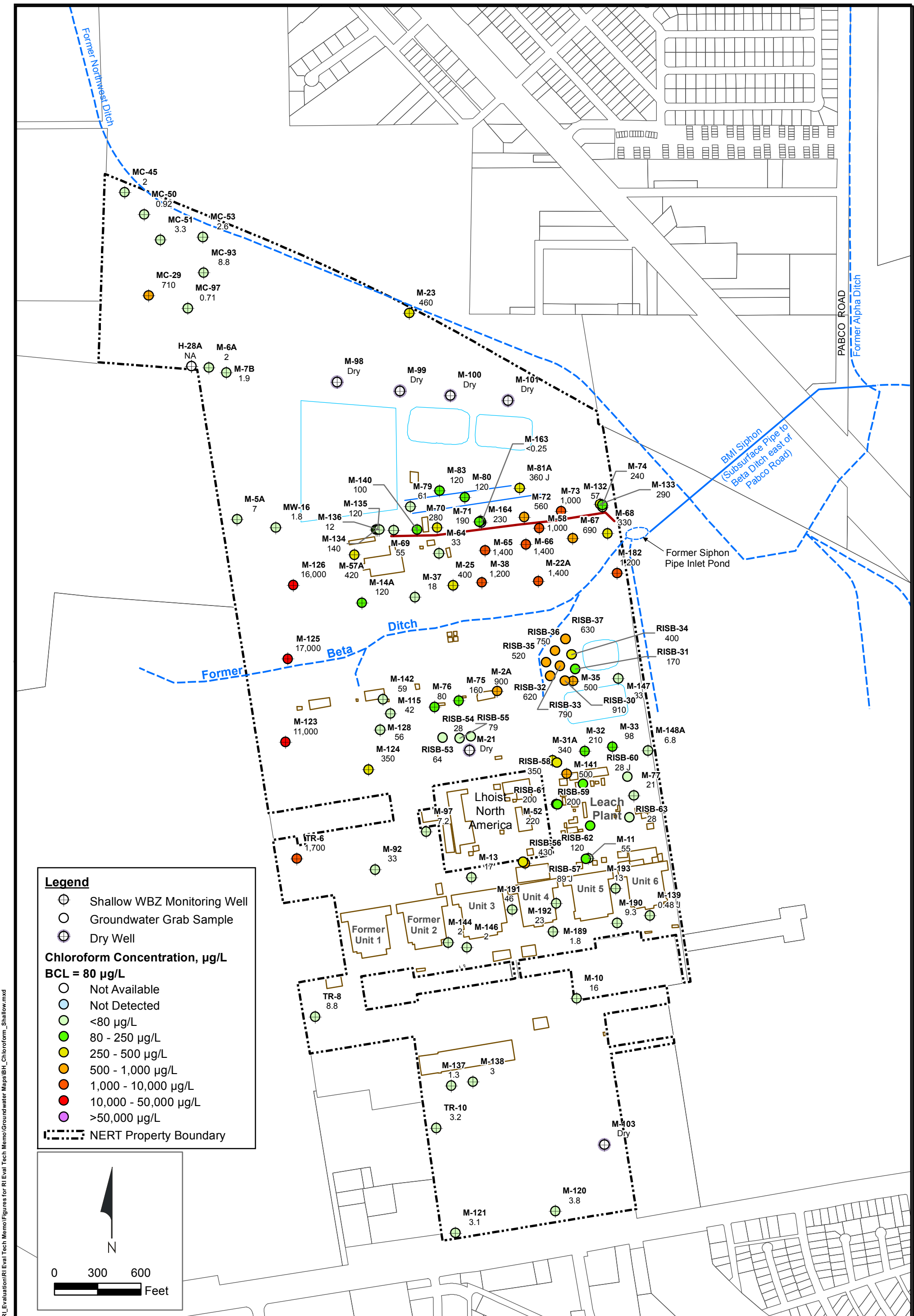


**Legend**

- Middle WBZ Monitoring Well
- Carbon Tetrachloride Concentration,  $\mu\text{g/L}$**
- BCL = 5  $\mu\text{g/L}$**
- Not Available
- Not Detected
- $< 5 \mu\text{g/L}$
- $5 - 50 \mu\text{g/L}$
- $50 - 500 \mu\text{g/L}$
- $500 - 1,000 \mu\text{g/L}$
- $1,000 - 10,000 \mu\text{g/L}$
- $10,000 - 50,000 \mu\text{g/L}$
- $> 50,000 \mu\text{g/L}$
- NERT Property Boundary

Path: H:\L\Peromane\NERT\RI\Eval\Tech Memo\Figures for RI Eval\Tech Memo\Groundwater Maps\BG\_Carbon tetrachloride\_Middle.mxd



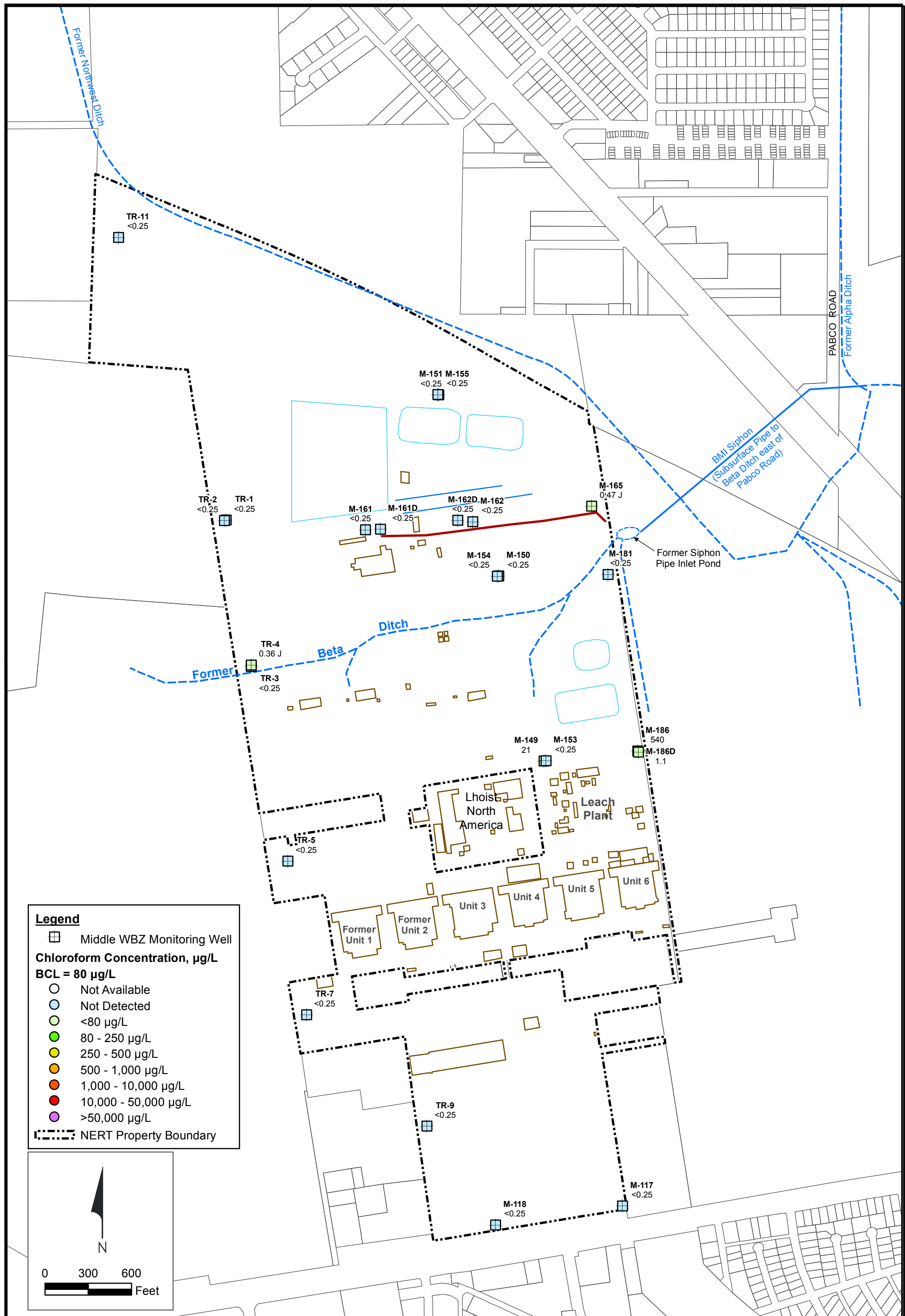


**Chloroform in Shallow Water Bearing Zone, 2014 - 2015**  
 Nevada Environmental Response Trust Site, Henderson, Nevada

Figure  
**E-17a**

Path: H:\Petromane\NERT\RI\Eval Tech Memo\Figures for RI Eval Tech Memo\Groundwater Maps\BH\_Chloroform\_Shallow.mxd

Path: H:\L\Peromane\NERT\RI\Eval Tech Memo\Figures for RI Eval Tech Memo\Groundwater Maps\BL\_Chloroform\_Middle.mxd

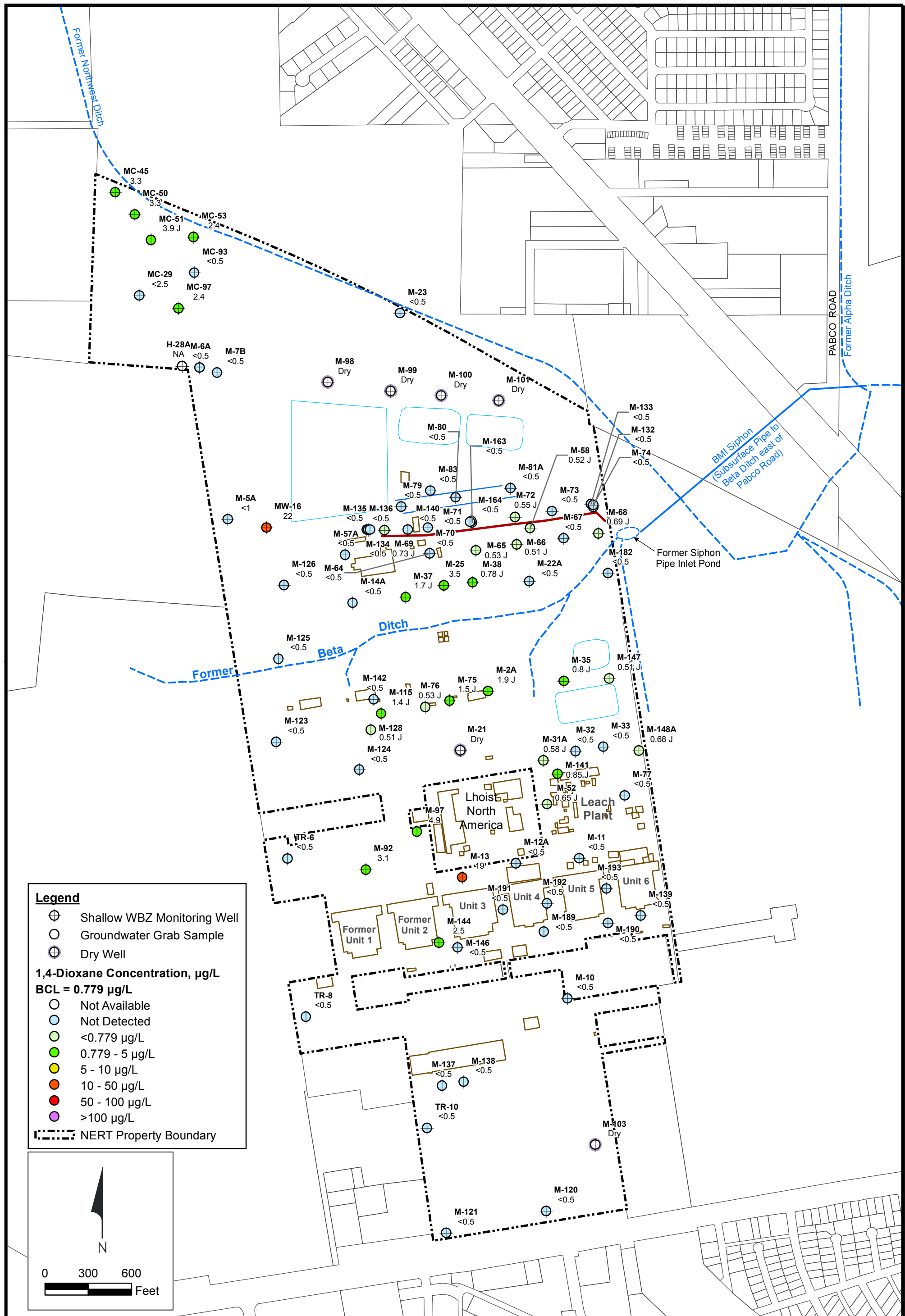


**Chloroform in Middle Water Bearing Zone, 2014 - 2015**  
 Nevada Environmental Response Trust Site, Henderson, Nevada

Figure **E-17b**



Path: H:\Petromane\NERT\RI\Eval Tech Memo\Figures for RI Eval Tech Memo\Groundwater Maps\BJ\_1,4-Dioxane\_Shallow.mxd



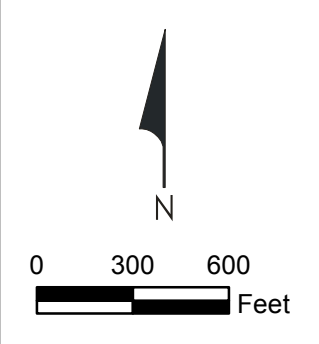
**Legend**

- ⊕ Shallow WBZ Monitoring Well
- Groundwater Grab Sample
- ⊖ Dry Well

**1,4-Dioxane Concentration, µg/L**  
**BCL = 0.779 µg/L**

- Not Available
- Not Detected
- <0.779 µg/L
- 0.779 - 5 µg/L
- 5 - 10 µg/L
- 10 - 50 µg/L
- 50 - 100 µg/L
- >100 µg/L

⬜ NERT Property Boundary



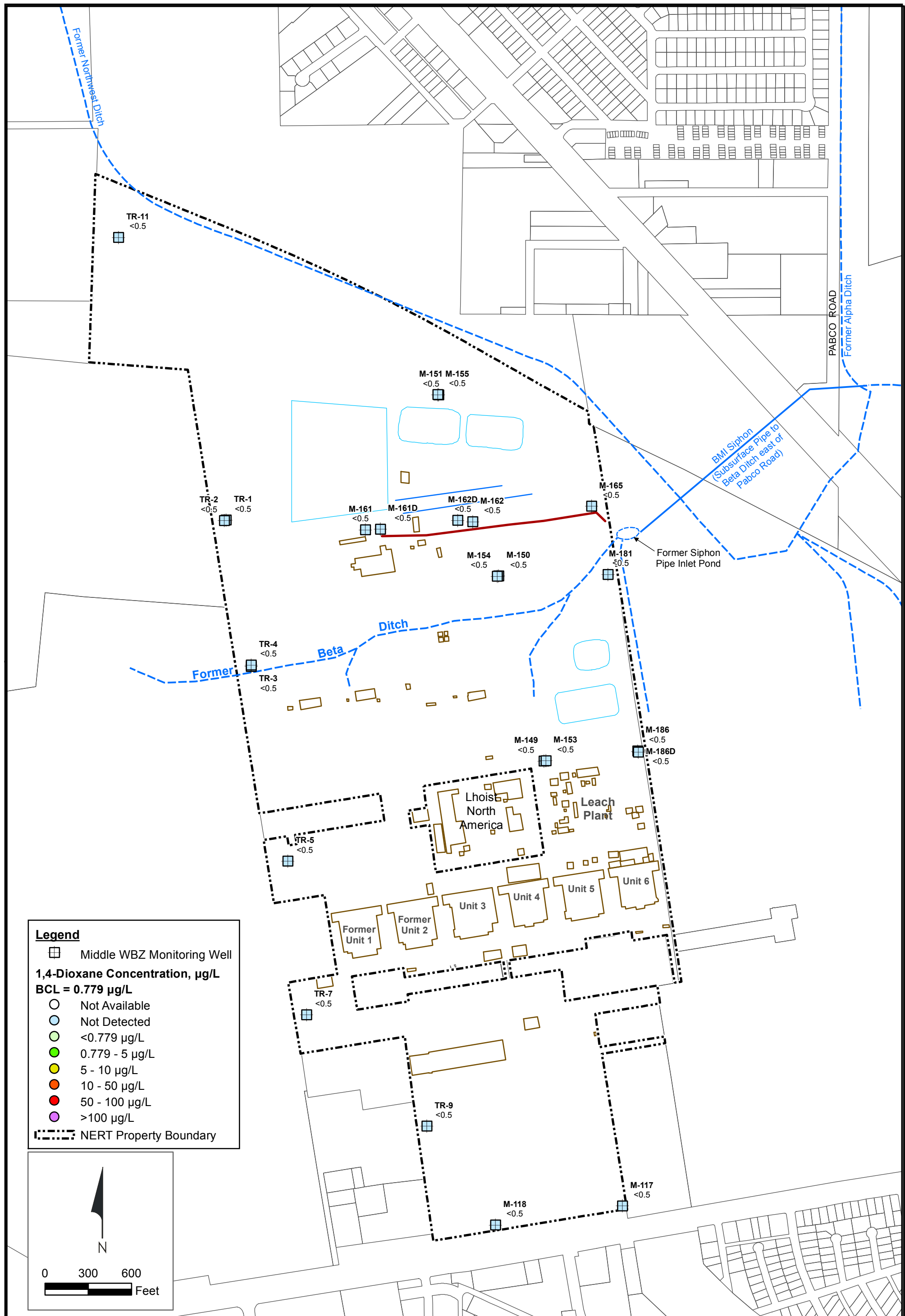
**1,4-Dioxane in Shallow Water Bearing Zone, 2014 - 2015**  
 Nevada Environmental Response Trust Site, Henderson, Nevada

Figure **E-18a**





Path: H:\L\Peromane\NERT\RI\Eval\Tech Memo\Figures for RI Eval\Tech Memo\Groundwater Maps\BK\_1,4-Dioxane\_Middle.mxd



**Legend**

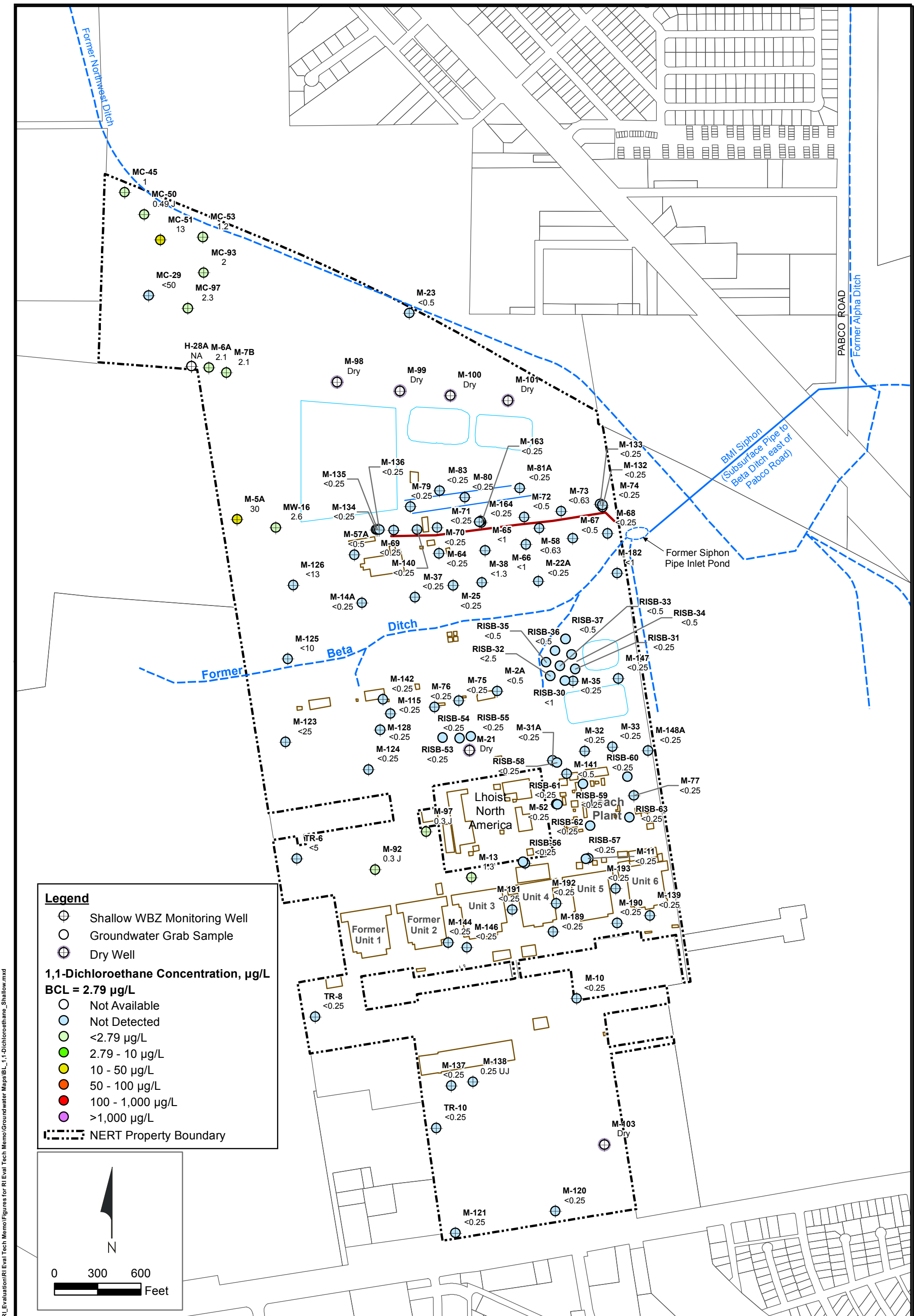
- Middle WBZ Monitoring Well
- 1,4-Dioxane Concentration, µg/L**
- BCL = 0.779 µg/L**
- Not Available
- Not Detected
- <0.779 µg/L
- 0.779 - 5 µg/L
- 5 - 10 µg/L
- 10 - 50 µg/L
- 50 - 100 µg/L
- >100 µg/L
- NERT Property Boundary

**1,4-Dioxane in Middle Water Bearing Zone, 2014 - 2015**  
 Nevada Environmental Response Trust Site, Henderson, Nevada

Figure **E-18b**







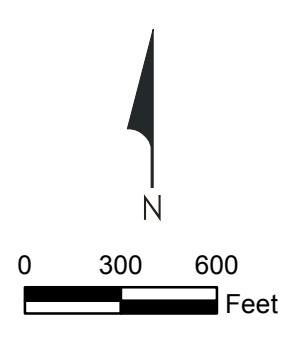
**Legend**

- ⊕ Shallow WBZ Monitoring Well
- Groundwater Grab Sample
- ⊖ Dry Well

**1,1-Dichloroethane Concentration, µg/L**  
**BCL = 2.79 µg/L**

- Not Available
- Not Detected
- <2.79 µg/L
- 2.79 - 10 µg/L
- 10 - 50 µg/L
- 50 - 100 µg/L
- 100 - 1,000 µg/L
- >1,000 µg/L

⋯ NERT Property Boundary

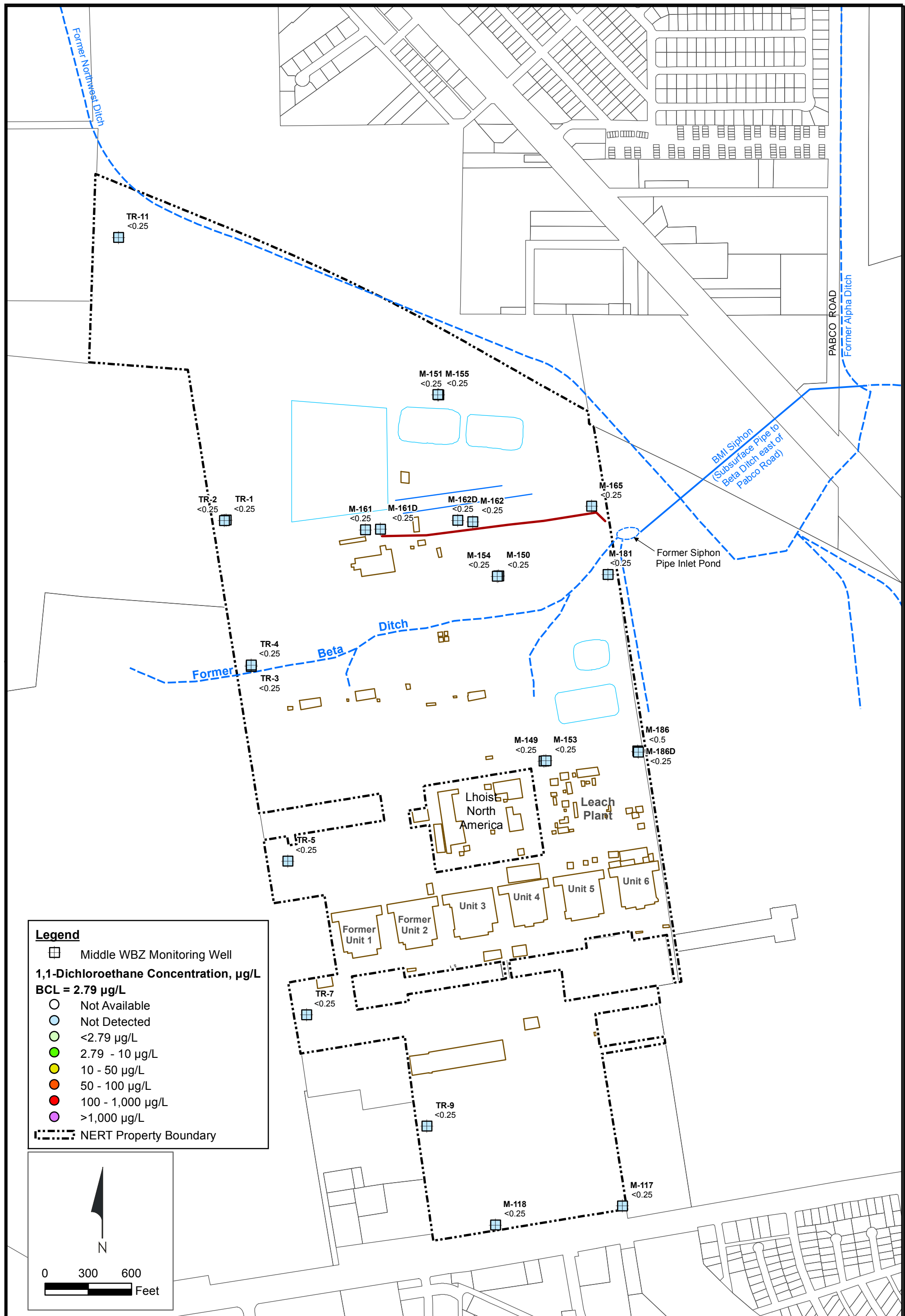


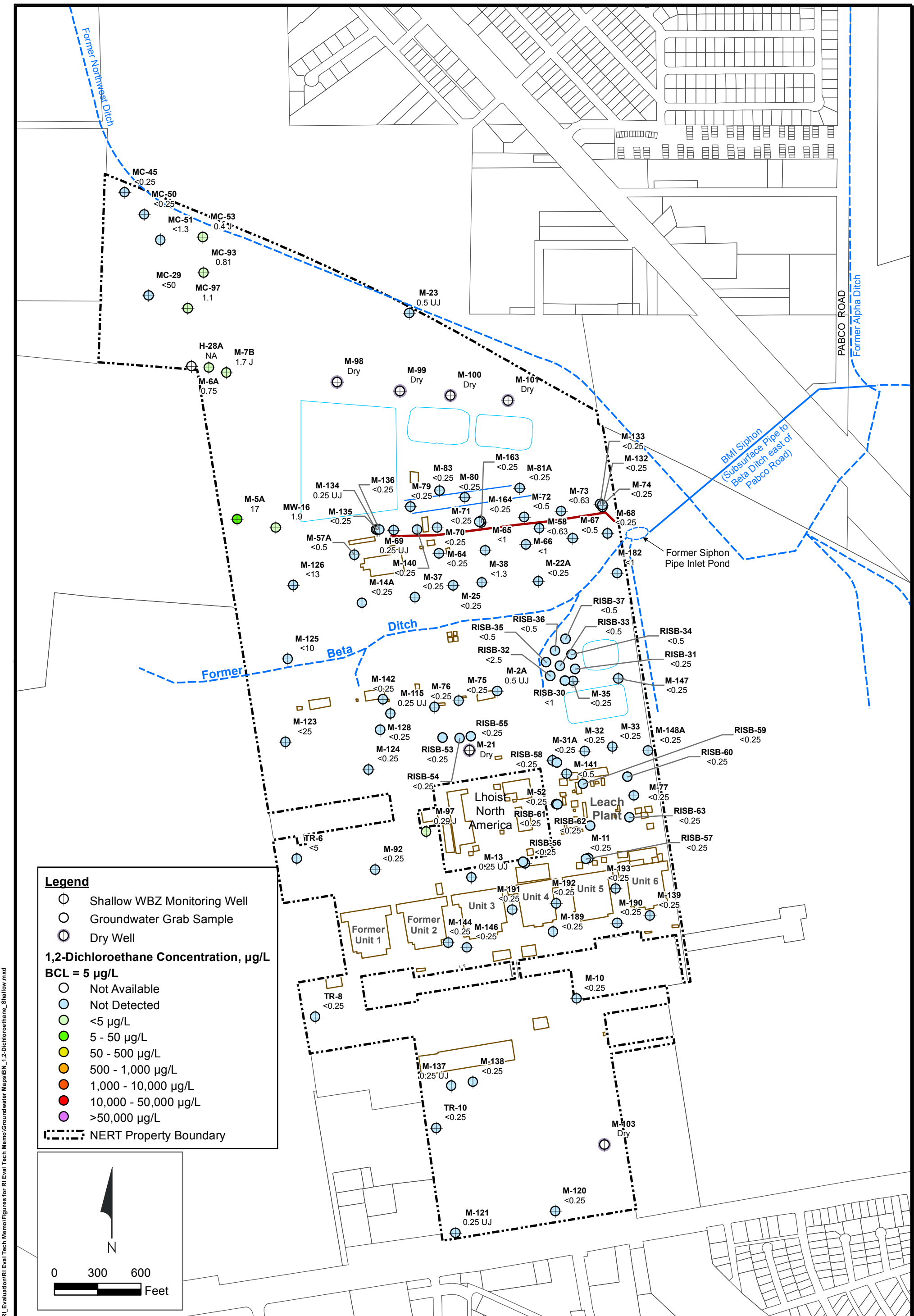
**1,1-Dichloroethane in Shallow Water Bearing Zone, 2014 - 2015**  
 Nevada Environmental Response Trust Site, Henderson, Nevada

Figure **E-19a**

Path: H:\Petromane\NERT\RI\Eval Tech Memo\Groundwater Maps\BL\_1,1-Dichloroethane\_Shallow.mxd

Path: H:\Petromane\NERT\RI\Evaluation\RI Eval Tech Memo\Figures for RI Eval Tech Memo\Groundwater Maps\BM\_1,1-Dichloroethane\_Middle.mxd





Path: H:\Petromane\NERT\RI\Eval Tech Memo\Figures for RI Eval Tech Memo\Groundwater Maps\BN\_1,2-Dichloroethane\_Shallow.mxd

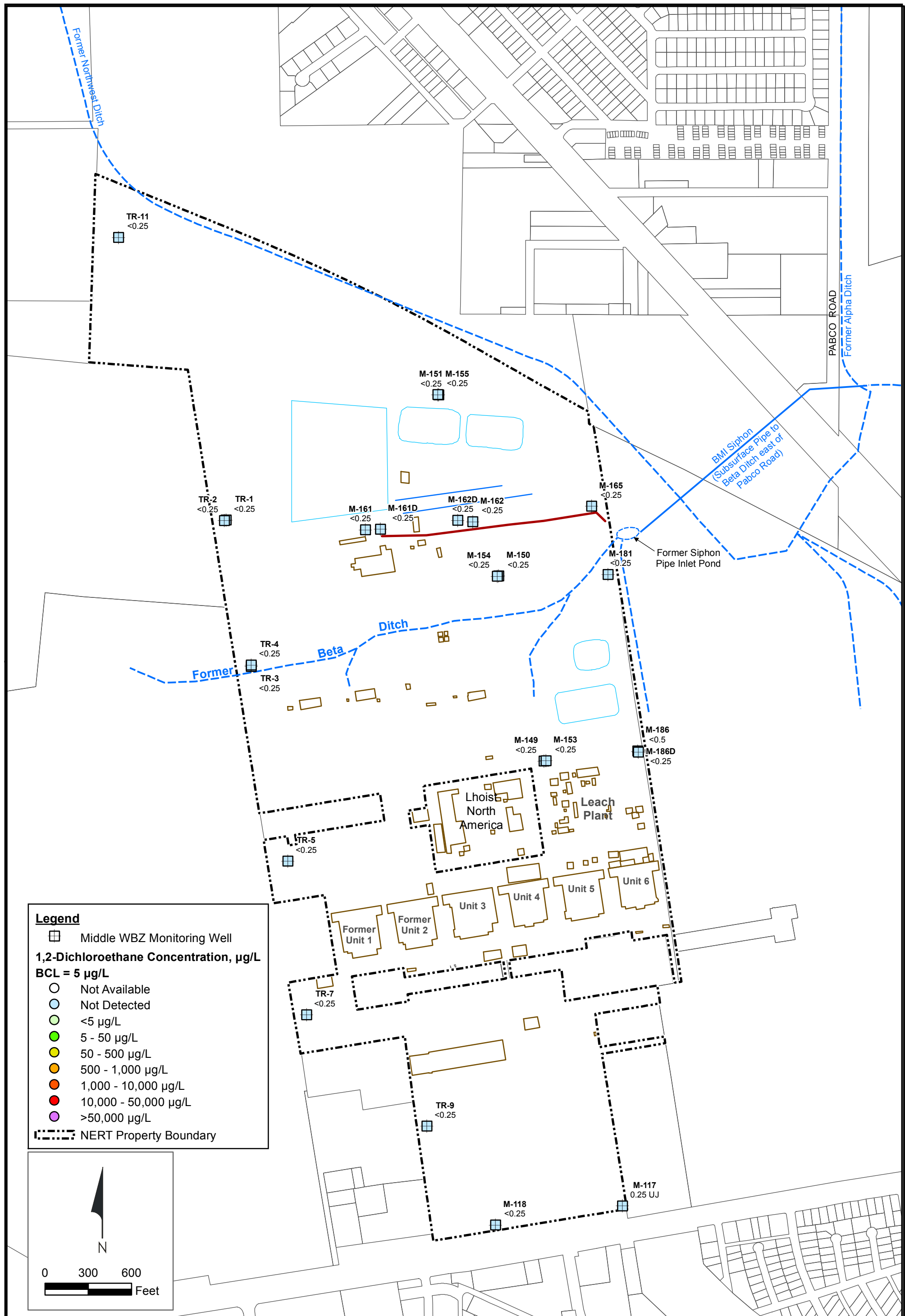
**1,2-Dichloroethane in Shallow Water Bearing Zone, 2014 - 2015**  
 Nevada Environmental Response Trust Site, Henderson, Nevada

Figure **E-20a**





Path: H:\L\Peromane\NERT\RI\Eval\Tech Memo\Figures for RI Eval\Tech Memo\Groundwater Maps\BO\_1,2-Dichloroethane\_Middle.mxd



**Legend**

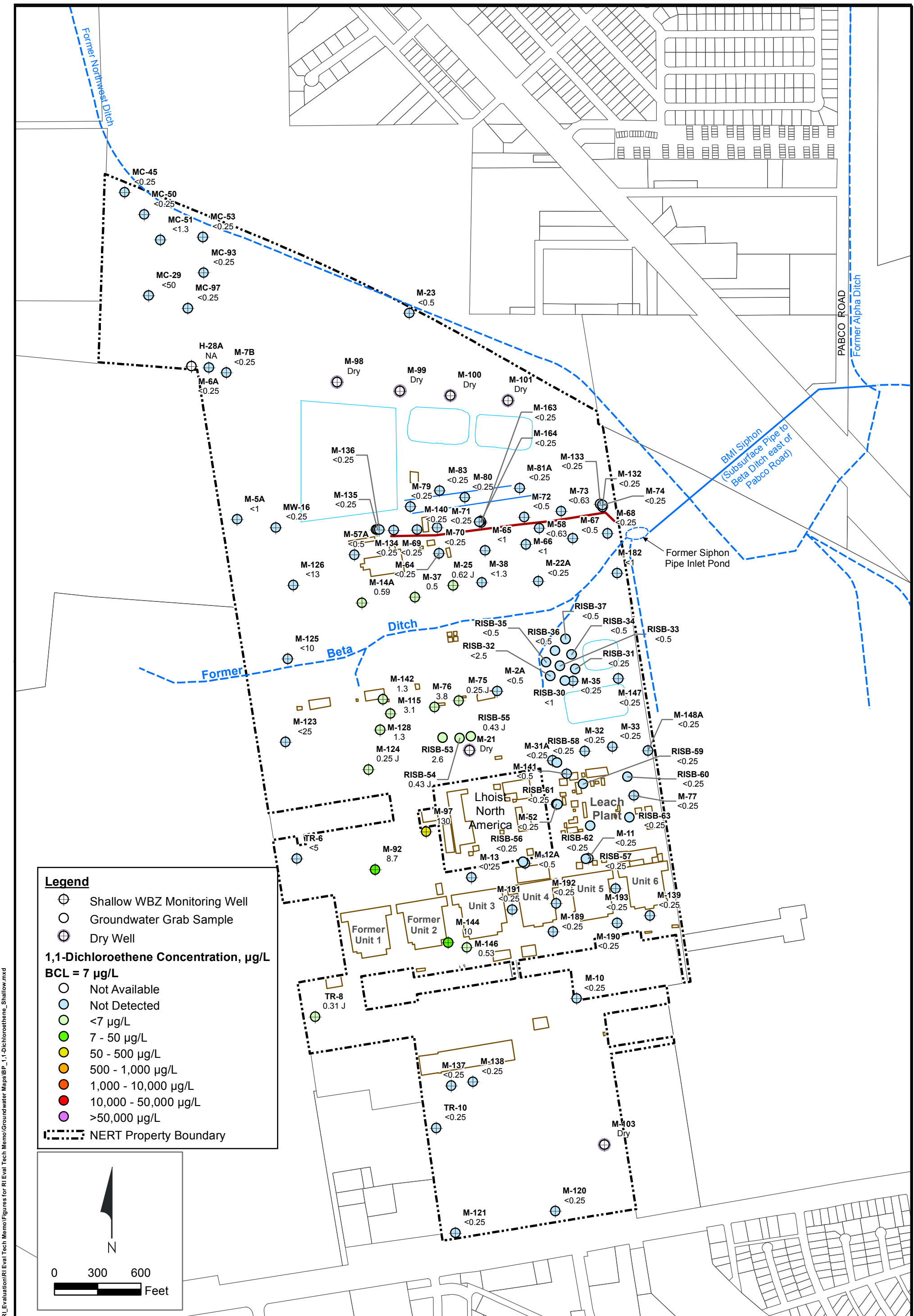
- Middle WBZ Monitoring Well
- 1,2-Dichloroethane Concentration,  $\mu\text{g/L}$**
- BCL = 5  $\mu\text{g/L}$**
- Not Available
- Not Detected
- <math><5\ \mu\text{g/L}</math>
- 5 - 50  $\mu\text{g/L}$
- 50 - 500  $\mu\text{g/L}$
- 500 - 1,000  $\mu\text{g/L}$
- 1,000 - 10,000  $\mu\text{g/L}$
- 10,000 - 50,000  $\mu\text{g/L}$
- >50,000  $\mu\text{g/L}$
- NERT Property Boundary

**1,2-Dichloroethane in Middle Water Bearing Zone, 2014 - 2015**  
 Nevada Environmental Response Trust Site, Henderson, Nevada

Figure **E-20b**







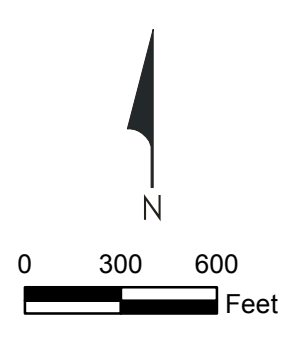
**Legend**

- ⊕ Shallow WBZ Monitoring Well
- Groundwater Grab Sample
- ⊕ Dry Well

**1,1-Dichloroethene Concentration, µg/L**  
**BCL = 7 µg/L**

- Not Available
- Not Detected
- <7 µg/L
- 7 - 50 µg/L
- 50 - 500 µg/L
- 500 - 1,000 µg/L
- 1,000 - 10,000 µg/L
- 10,000 - 50,000 µg/L
- >50,000 µg/L

⋯ NERT Property Boundary

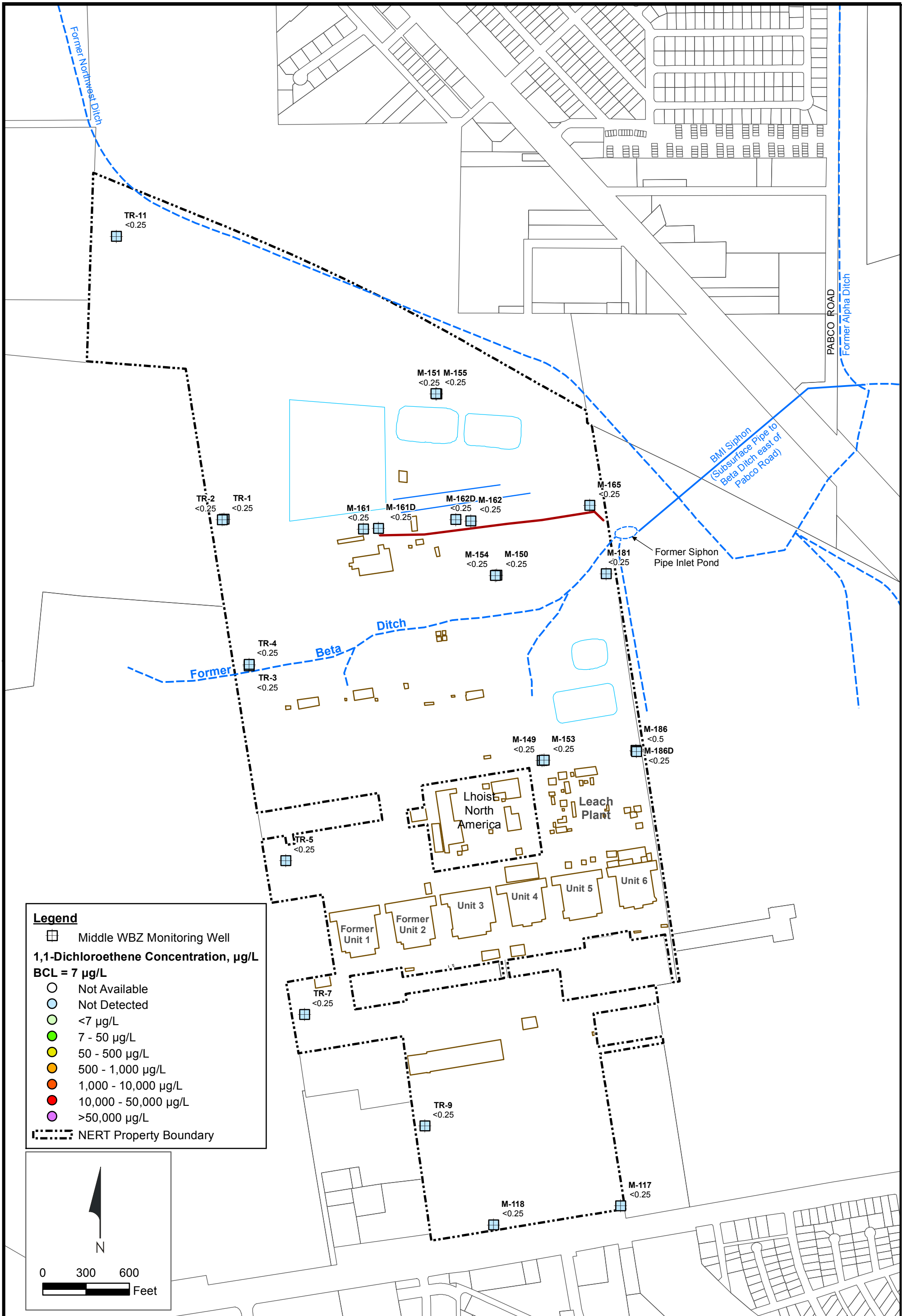


**1,1-Dichloroethene in Shallow Water Bearing Zone, 2014 - 2015**  
 Nevada Environmental Response Trust Site, Henderson, Nevada

Figure **E-21a**

Path: H:\Petromane\NERT\RI\Eval Tech Memo\Figures for RI Eval Tech Memo\Groundwater Maps\BP\_1,1-Dichloroethene\_Shallow.mxd

Path: H:\L\Peromane\NERT\RI\Eval\Tech Memo\Figures for RI Eval\Tech Memo\Groundwater Maps\BO\_1\_1-Dichloroethene\_Middle.mxd



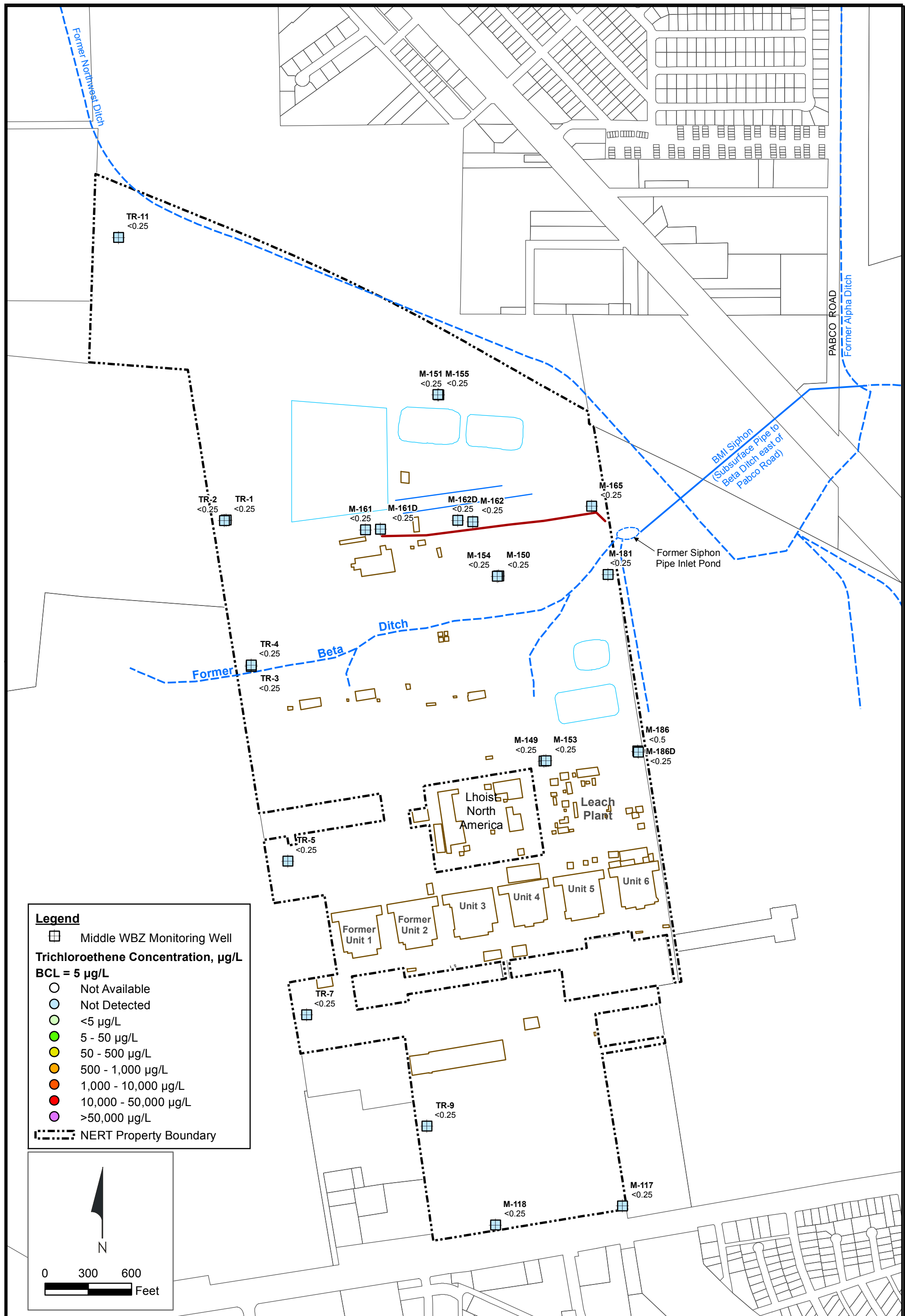
**1,1-Dichloroethene in Middle Water Bearing Zone, 2014 - 2015**  
Nevada Environmental Response Trust Site, Henderson, Nevada

Figure  
**E-21b**



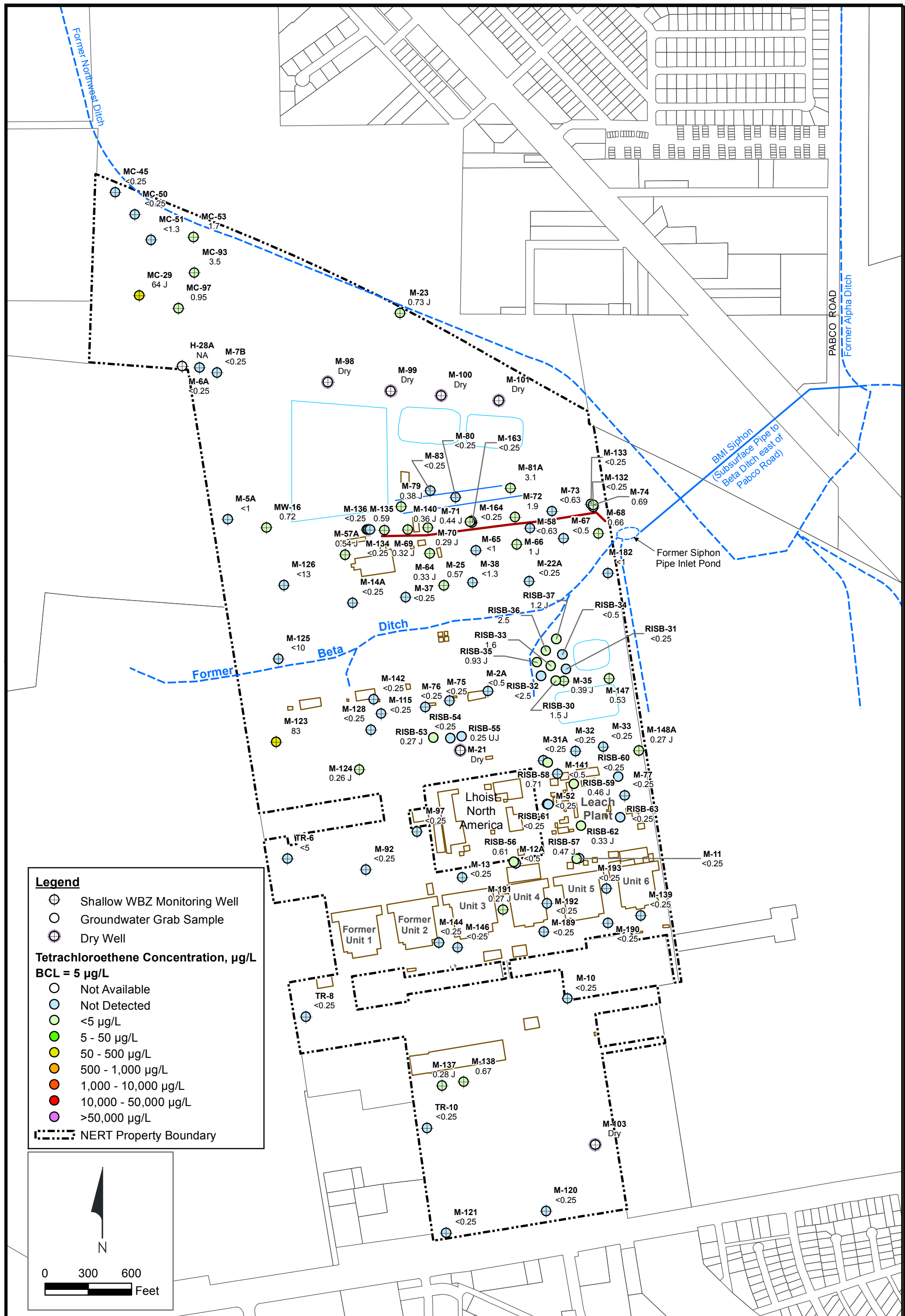


Path: H:\L\Peromane\NERT\RI\Eval\Tech Memo\Figures for RI Eval\Tech Memo\Groundwater Maps\BS\_Trichloroethene\_Middle.mxd





Path: H:\Petromane\NERT\RI\Eval Tech Memo\Figures for RI Eval Tech Memo\Groundwater Maps\BT\_Tetrachloroethene\_Shallow.mxd

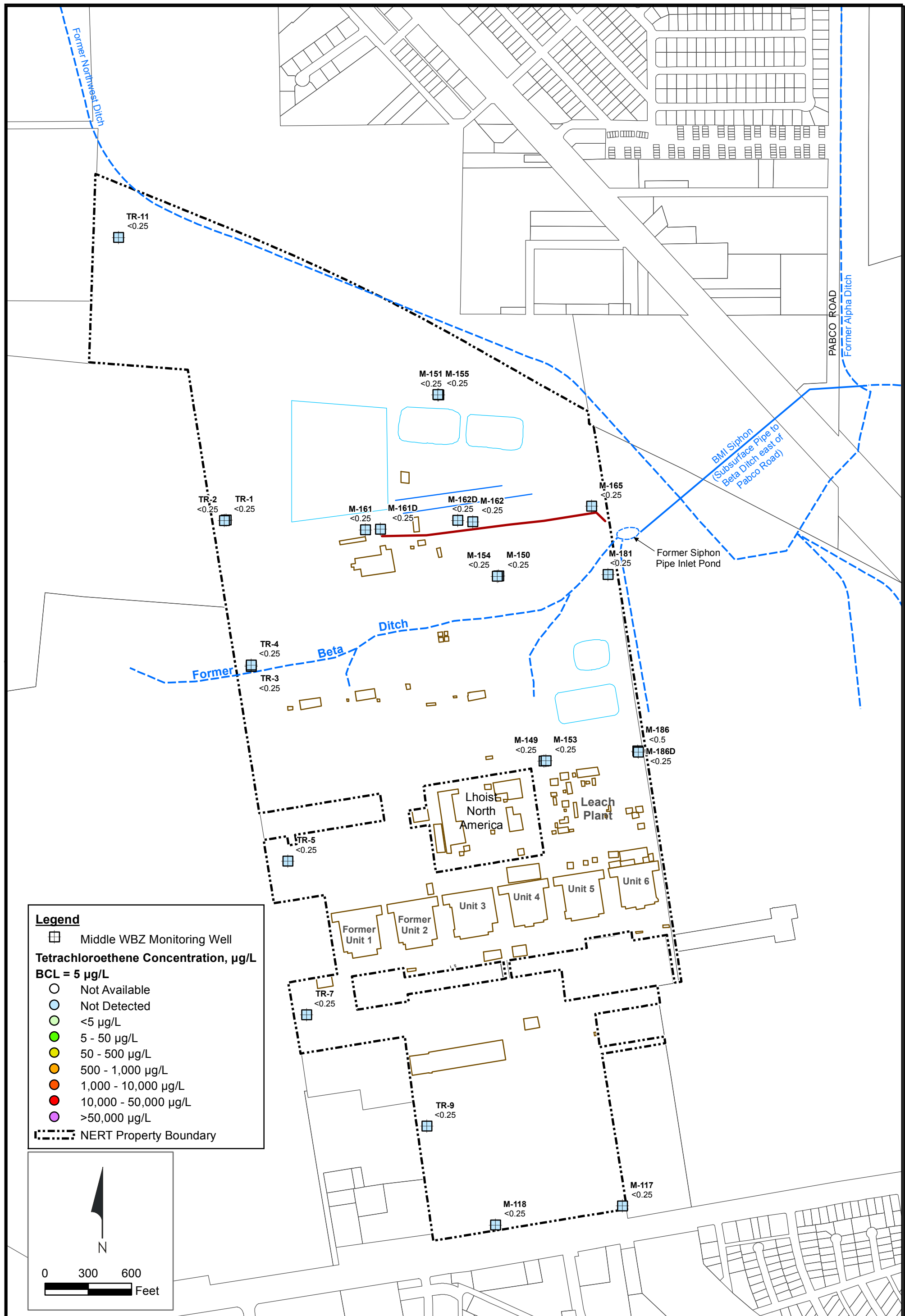


**Tetrachloroethene in Shallow Water Bearing Zone, 2014 - 2015**  
 Nevada Environmental Response Trust Site, Henderson, Nevada

Figure  
**E-23a**

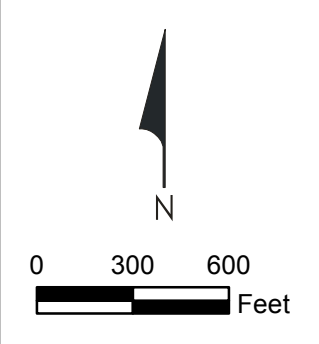


Path: H:\L\Peromane\NERT\RI\Eval\Tech Memo\Figures for RI Eval\Tech Memo\Groundwater Maps\BU\_Tetrachloroethene\_Middle.mxd



**Legend**

- Middle WBZ Monitoring Well
- Tetrachloroethene Concentration,  $\mu\text{g/L}$**
- BCL =  $5\ \mu\text{g/L}$**
- Not Available
- Not Detected
- $<5\ \mu\text{g/L}$
- $5 - 50\ \mu\text{g/L}$
- $50 - 500\ \mu\text{g/L}$
- $500 - 1,000\ \mu\text{g/L}$
- $1,000 - 10,000\ \mu\text{g/L}$
- $10,000 - 50,000\ \mu\text{g/L}$
- $>50,000\ \mu\text{g/L}$
- NERT Property Boundary

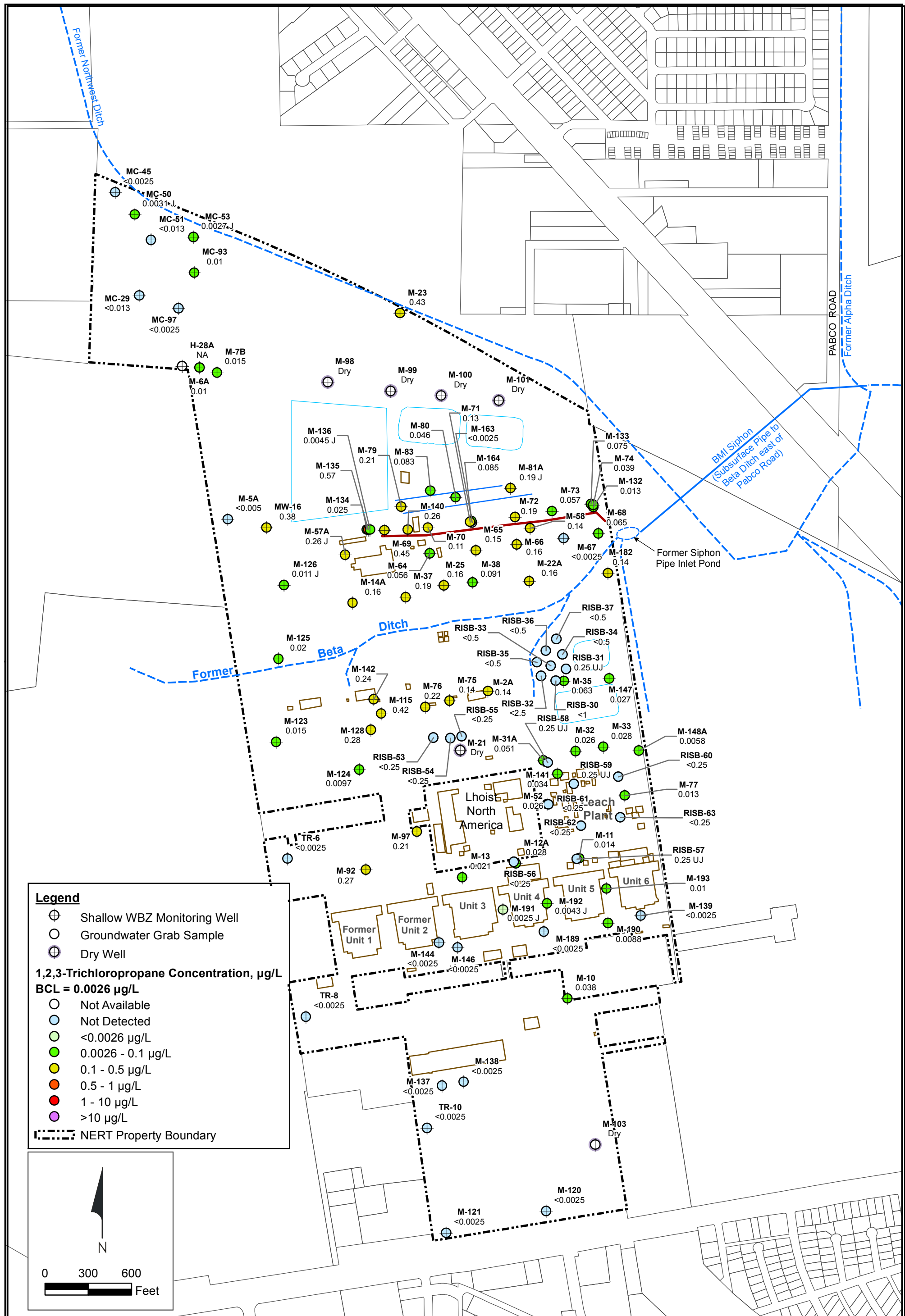


**Tetrachloroethene in Middle Water Bearing Zone, 2014 - 2015**  
 Nevada Environmental Response Trust Site, Henderson, Nevada

Figure **E-23b**



Path: H:\L\Petromane\NERT\RI\Eval\Tech Memo\Figures for RI Eval\Tech Memo\Groundwater Maps\BY\_1,2,3-Trichloropropane\_Shallow.mxd



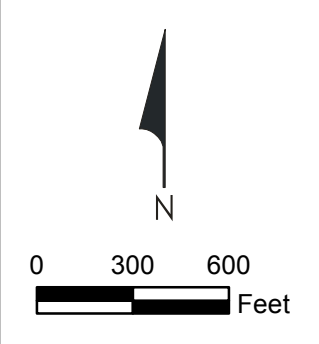
**Legend**

- ⊕ Shallow WBZ Monitoring Well
- Groundwater Grab Sample
- ⊙ Dry Well

**1,2,3-Trichloropropane Concentration, µg/L**  
**BCL = 0.0026 µg/L**

- Not Available
- Not Detected
- <0.0026 µg/L
- 0.0026 - 0.1 µg/L
- 0.1 - 0.5 µg/L
- 0.5 - 1 µg/L
- 1 - 10 µg/L
- >10 µg/L

⊔ NERT Property Boundary

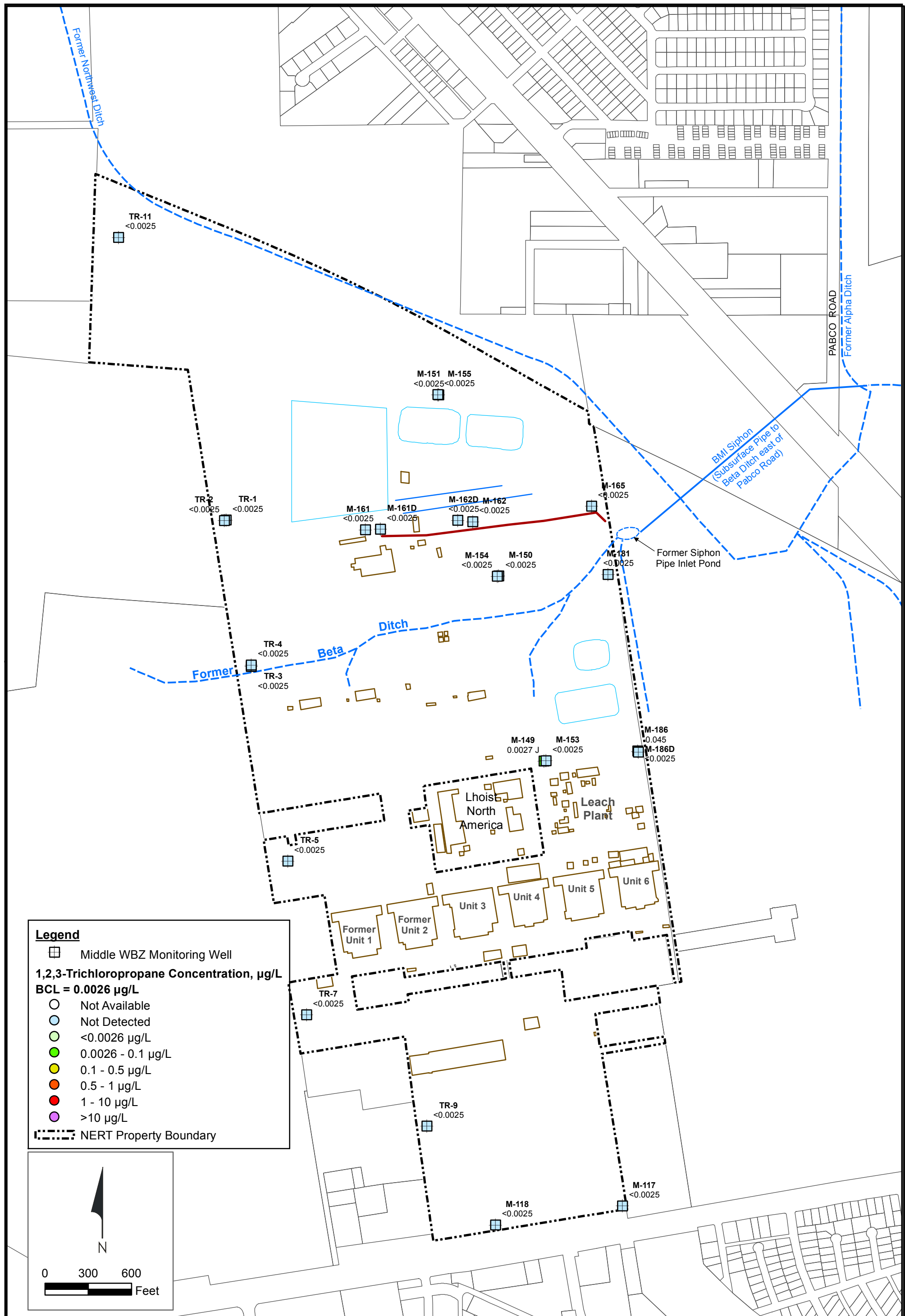


**1,2,3-Trichloropropane in Shallow Water Bearing Zone, 2014 - 2015**  
 Nevada Environmental Response Trust Site, Henderson, Nevada

Figure **E-24a**



Path: H:\L\Peromane\NERT\RI\Eval\Tech Memo\Figures for RI Eval\Tech Memo\Groundwater Maps\BW\_1,2,3-Trichloropropane\_Middle.mxd



**1,2,3-Trichloropropane in Middle Water Bearing Zone, 2014 - 2015**  
 Nevada Environmental Response Trust Site, Henderson, Nevada

Figure **E-24b**





Technical Memorandum,  
Remedial Investigation Data Evaluation  
Nevada Environmental Response Trust Site  
Henderson, Nevada

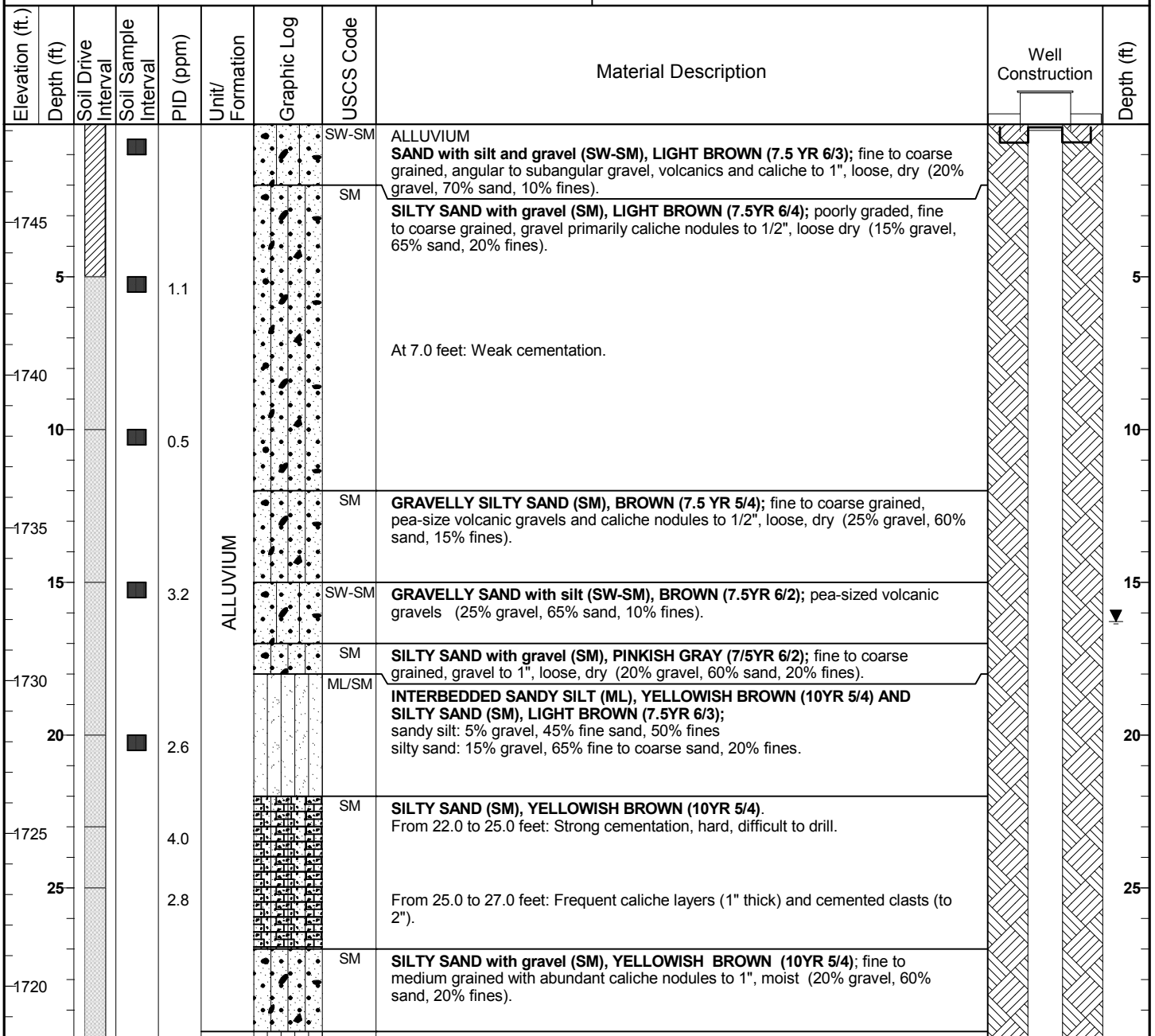
**APPENDIX F**  
**BORING LOGS AND WELL CONSTRUCTION DIAGRAMS**

Well Construction Details

Blank Casing (feet):	From 0 to 130	4" Sch. 40 PVC
Screen (feet):	From 130 to 140	0.010 Slot 40 PVC
Annular Fill (feet):	From 0 to 123	Cement/Bentonite Grout Seal
	From 123 to 128	Bentonite Chips
	From 128 to 141	#2/12 Monterey Sand Pack
	From 141 to 150	Bentonite Chips

Notes:

1. Soil samples for chemical analyses collected using a split-spoon sampler advanced ahead of the core barrel.



**Sample/ Recovery Key**

- Hand Auger
- Sonic Core Recovery
- Chemical Sample
- First saturated soil cuttings
- No Recovery
- Physical Test Sample
- Equilibrated groundwater (3/12/2015)

Elevation (ft.)	Depth (ft)	Soil Drive Interval	Soil Sample Interval	PID (ppm)	Unit/Formation	Graphic Log	USCS Code	Material Description	Well Construction	Depth (ft)
1715	35		■	2.7	UPPER MUDDY CREEK FORMATION		ML	<p>UPPER MUDDY CREEK FORMATION AT 29.7 FEET <b>INTERBEDDED CLAYEY SILT (ML) and SILT with sand (ML), STRONG BROWN (7.5 YR 5/6);</b> trace of caliche nodules, wet (0% gravel, 45% sand, 55% fines).</p> <p>From 34.5 feet: Grades to clayey silt, color becomes yellowish red (5YR 5/6).</p> <p>From 35.0 to 37.0 feet: Caliche nodules up to 1.5", color becomes yellowish brown (10YR 5/6).</p> <p>From 37.0 feet: Color becomes strong brown (7.5YR 5/6), scattered caliche nodules up to 1".</p> <p>From 62.5 to 65.5 feet: Color becomes very pale brown (10YR 8/2), clayey silt, calcareous, wet (0% gravel, 20% sand, 80% fines).</p> <p>From 65.5 feet: Color becomes strong brown (7.5YR 5/6), abundant caliche nodules to 2".</p> <p>From 68.0 feet: Caliche nodules grade out.</p>		35
1710	40									40
1705	45									45
1700	50									50
1695	55									55
1690	60									60
1685	65									65
1680										

**Sample/ Recovery Key**

Hand Auger

Sonic Core Recovery

Chemical Sample

First saturated soil cuttings

No Recovery

Physical Test Sample

Equilibrated groundwater (3/12/2015)

Elevation (ft.)	Depth (ft)	Soil Drive Interval	Soil Sample Interval	PID (ppm)	Unit/Formation	Graphic Log	USCS Code	Material Description	Well Construction	Depth (ft)
1675	75				UPPER MUDDY CREEK FORMATION		ML	From 70.0 to 73.0 feet: Common black vertical root traces.  From 73.0 to 78.0 feet: Calcareous, light yellowish brown (10YR 6/4), thin nodular caliche zones (nodules to 1").		75
1670	80					ML	<b>SANDY SILT (ML), YELLOWISH BROWN (10YR 5/4);</b> sand is fine grained, trace caliche, wet (0% gravel, 40% sand, 60% fines).	80		
1665	85					ML	<b>INTERBEDDED CLAYEY SILT and SILT (ML), STRONG BROWN (7.5 YR 5/6);</b> very stiff, moist (0% gravel, 20% sand, 80% fines). From 85.5 to 88.0 feet: Caliche zones, trace of volcanic gravels.  From 92.0 to 95.0 feet: Caliche nodules.  From 96.5 to 102.0 feet: Disseminated specks of black organic matter.  From 103.0 to 104.0 feet: Calcareous with caliche nodules.	85		
1660	90									90
1655	95						CH	<b>SILTY CLAY (CH), WHITE (7.5YR 8/1);</b> calcareous with caliche nodules (0% gravel, 25% sand, 75% fines).  At 107.7 feet: 1/4" clay interbed.		95
1650	100						CH	<b>INTERBEDDED SILTY CLAY (CH) and SILT (MH), STRONG BROWN (7.5YR 5/6)</b> (0% gravel, 25% sand, 75% fines).		100
1645	105									105
1640										

Sample/ Recovery Key

Hand Auger

Sonic Core Recovery

Chemical Sample

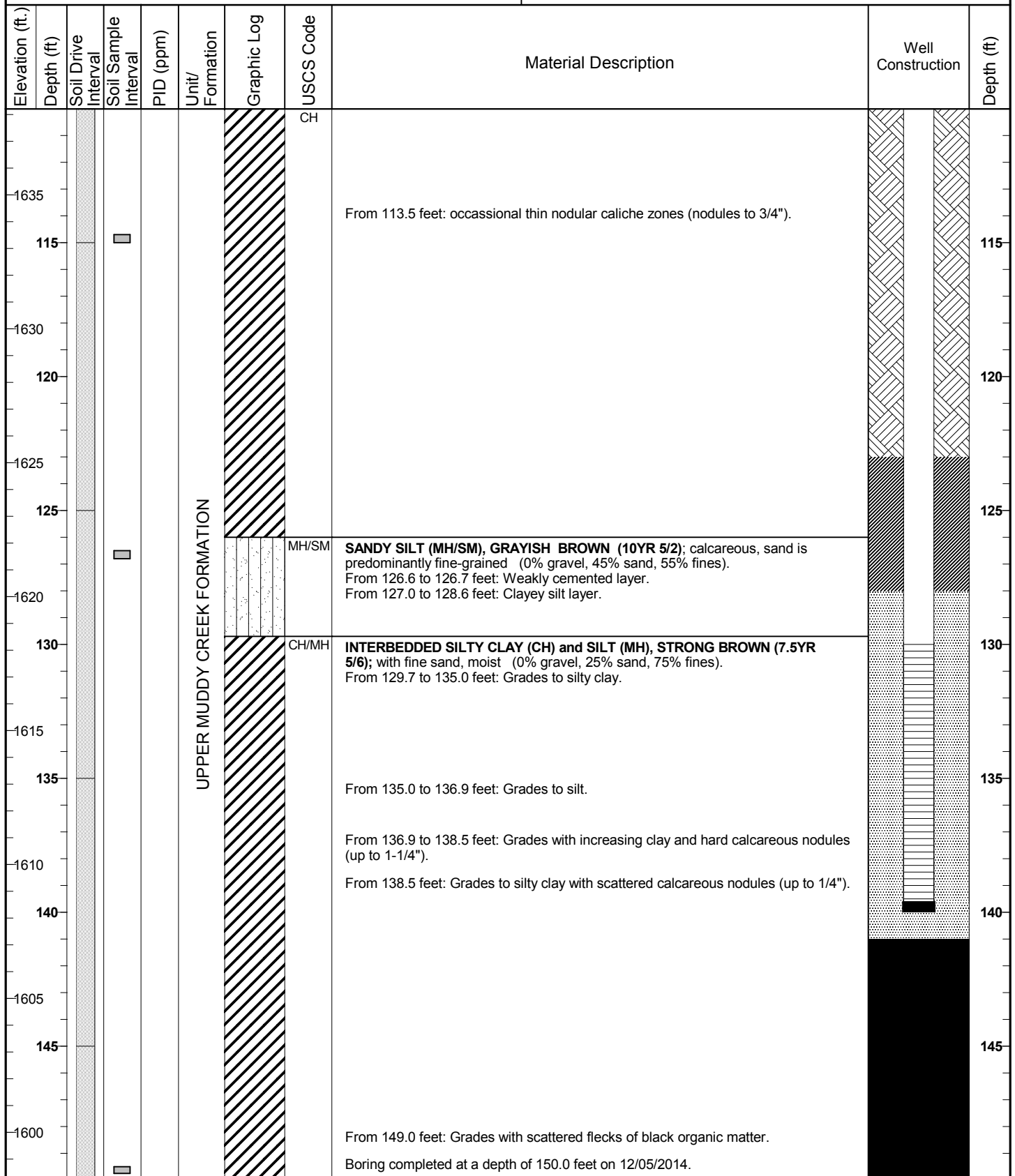
First saturated soil cuttings

No Recovery

Physical Test Sample

Equilibrated groundwater (3/12/2015)





**Sample/ Recovery Key**

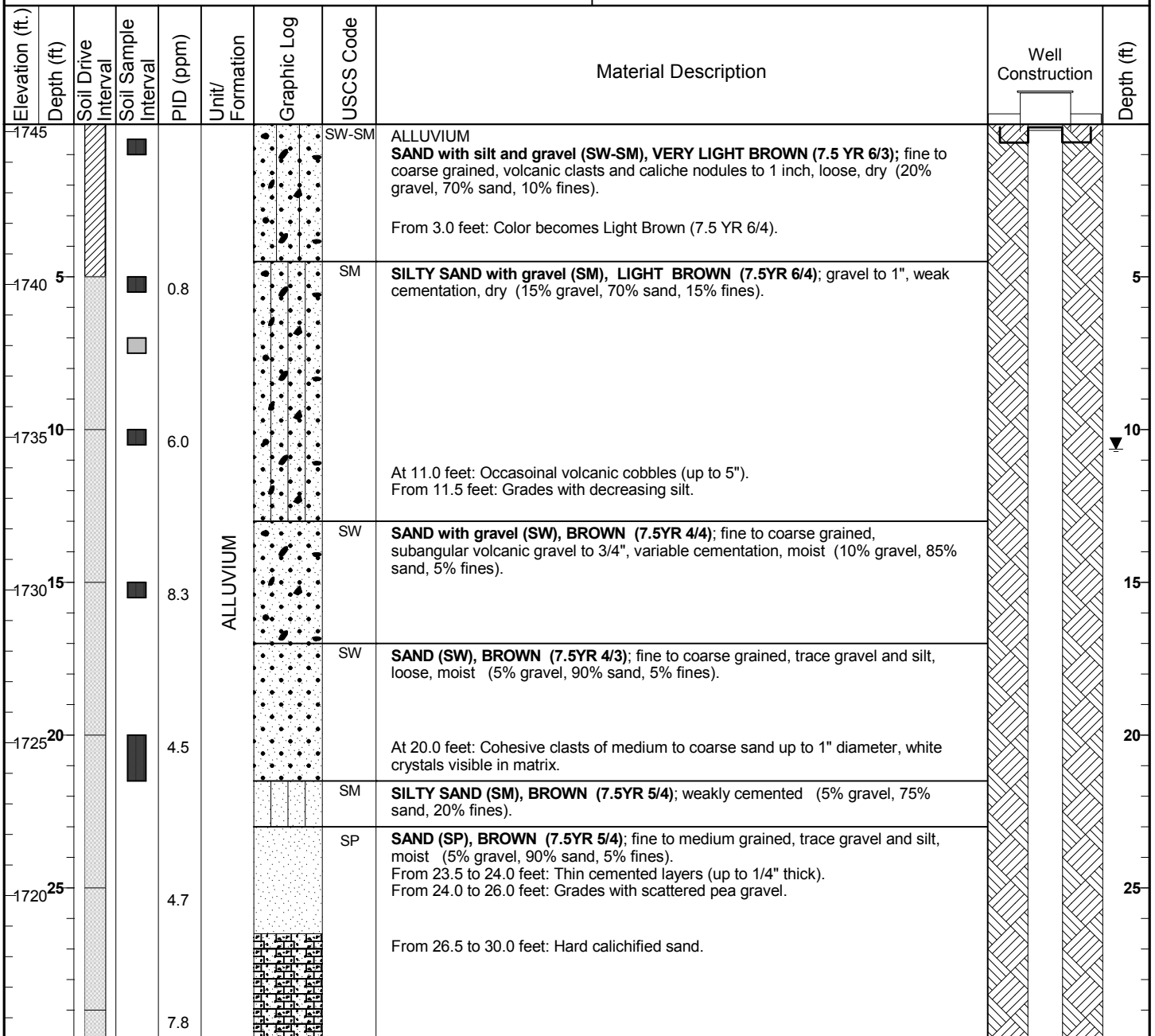
- Hand Auger
- Sonic Core Recovery
- Chemical Sample
- First saturated soil cuttings
- No Recovery
- Physical Test Sample
- Equilibrated groundwater (3/12/2015)

Well Construction Details

Blank Casing (feet):	From 0 to 130	4" Sch. 40 PVC
Screen (feet):	From 129.9 to 139.6	0.010 Slot 40 PVC
Annular Fill (feet):	From 0 to 124	Cement/Bentonite Grout Seal
	From 124 to 128	Bentonite Chips
	From 128 to 140	#2/12 Monterey Sand Pack

Notes:

1. Soil samples for chemical analyses collected using a split-spoon sampler advanced ahead of the core barrel.



**Sample/ Recovery Key**

Hand Auger

Sonic Core Recovery

Chemical Sample

First saturated soil cuttings

No Recovery

Physical Test Sample

Equilibrated groundwater (3/12/2015)

Elevation (ft.)	Depth (ft)	Soil Drive Interval	Soil Sample Interval	PID (ppm)	Unit/Formation	Graphic Log	USCS Code	Material Description	Well Construction	Depth (ft)
1715			■				SP	From 30.5 feet to 31.0 feet: Thin cemented layers (up to 1/4" thick). From 31.0 to 33.0 feet: Calichified sandy nodules up to 2" diameter in silty matrix.		
							ML/SM	<b>SANDY SILT/SILTY SAND (ML/SM)</b>		35
1710	35				UPPER MUDDY CREEK FORMATION		ML	UPPER MUDDY CREEK FORMATION AT 35.0 FEET <b>INTERBEDDED CLAYEY SILT (ML) and SILT with sand (ML), STRONG BROWN (7.5 YR 5/6);</b> trace caliche nodules, wet (0% gravel, 10% sand, 90% fines).  From 43.0 feet: Gradual color transition to light brown (7.5 YR 5/6).  From 48.0 feet: Color becomes strong brown (7.5YR 5/6),.		40
1705	40									45
1700	45									50
1695	50									55
1690	55						ML	<b>SILT with sand (ML), PALE BROWN (10YR 6/3);</b> sand is very fine grained, calcareous with scattered caliche nodules (5% gravel, 20% sand, 75% fines).  From 57.0 feet: Caliche nodules grade out.		60
1685	60									65
1680	65						ML	<b>INTERBEDDED CLAYEY SILT (ML) and SILT with sand (ML), BROWN (10 YR 7/4);</b> sand is very fine grained, slightly calcareous with scattered caliche nodules (0% gravel, 15% sand, 85% fines).  At 65.5 feet: Yellow vertical root traces.  From 67.5 to 68.5 feet: Caliche nodules (up tp 1.5").  From 68.5 to 70.0 feet: Pinkish Gray (7.5 YR 6/2) silt interbed (0% gravel, 5% sand, 95% fines).		

**Sample/ Recovery Key**

Hand Auger

Sonic Core Recovery

Chemical Sample

First saturated soil cuttings








No Recovery

Physical Test Sample

Equilibrated groundwater (3/12/2015)

Elevation (ft.)	Depth (ft)	Soil Drive Interval	Soil Sample Interval	PID (ppm)	Unit/Formation	Graphic Log	USCS Code	Material Description	Well Construction	Depth (ft)	
1675					UPPER MUDDY CREEK FORMATION		ML	From 73.0 to 75.0 feet: Color becomes light brown (7.5 YR 6/4), calcareous nodules (up to 3/4").	[Well Construction Pattern]	75	
1670	75							From 75.0 to 79.0 feet: Silty Clay interbed, strong brown (7.5 YR 5/6) (0% gravel, 5% sand, 95% fines).			80
1665	80							From 79.0 to 82.0 feet: Brown silt with light brown silt inclusions (up to 1").			85
1660	85							From 82.0 to 83.5 feet: Silty clay interbed.			90
1655	90							At 85.0 feet: Partially calcified inclusions (up to 2").			95
1650	95							From 92.0 to 94.0 feet: Abundant caliche nodules.			100
1645	100							At 95.5 feet: Trace caliche nodules (up to 1.5").			105
1640	105							From 99.0 feet: Grades with increasing fine sand.			
								From 103.0 to 104.0 feet: Sandy silt, sand consists of fine to medium angular volcanics, caliche nodules to 1/2".			
								CH		<b>SILTY CLAY (CH), BROWN (7.5YR 5/3);</b> abundant caliche nodules to 3/4", trace of black staining (5% gravel, 15% sand, 80% fines).	
							CH	<b>INTERBEDDED SILTY CLAY (CH) and SILT (MH), STRONG BROWN (7.5YR</b>			

**Sample/Recovery Key**

-  Hand Auger
-  Sonic Core Recovery
-  Chemical Sample
-  First saturated soil cuttings
-  No Recovery
-  Physical Test Sample
-  Equilibrated groundwater (3/12/2015)



Elevation (ft.)	Depth (ft)	Soil Drive Interval	Soil Sample Interval	PID (ppm)	Unit/Formation	Graphic Log	USCS Code	Material Description	Well Construction	Depth (ft)
1635					UPPER MUDDY CREEK FORMATION		CH	<b>5/6</b> ; medium stiff to stiff, moist to wet (0% gravel, 20% sand, 80% fines).		115
1630	115						CH	<b>SILTY CLAY (CH), WHITE (10YR 8/1)</b> ; calcareous with sand-sized caliche granules (0% gravel, 10% sand, 90% fines).  From 121.0 feet: Color becomes light gray (2.5 Y 7/2), caliche decreases with depth (0% gravel, 5% sand, 85% fines).		120
1625	120						CH	<b>SILTY CLAY (CH)</b>  From 125.0 feet: Grades with very fine sand, black root traces.		125
1620	125						MH	<b>SILT (MH), GRAYISH BROWN (10YR 5/2)</b> ; calcareous with caliche nodules (up to 1.5") (5% gravel, 10% sand, 85% fines).		130
1615	130						MH	<b>INTERBEDDED SILTY CLAY (CH) and SILT (MH), STRONG BROWN (7.5YR 5/6)</b> ; with fine sand (0% gravel, 15% sand, 85% fines).  From 133.0 to 135.0 feet: Grades with caliche and calcareous nodules (up to 3/4").  From 136.0 to 137.0 feet: Grades with caliche and calcareous nodules (up to 1/2").  At 138.5 feet: 2-inch thick cemented layer.		135
1610	135								140	
1605	140							Boring completed at a depth of 140.0 feet on 12/11/2014.		145

**Sample/ Recovery Key**

Hand Auger

Sonic Core Recovery

Chemical Sample

First saturated soil cuttings

No Recovery

Physical Test Sample

Equilibrated groundwater (3/12/2015)

Well Construction Details

Blank Casing (feet): From 0 to 153 4" Sch. 40 PVC  
 Screen (feet): From 153 to 173 0.010 Slot 40 PVC  
 Annular Fill (feet): From 0 to 147 Cement/Bentonite Grout Seal  
 From 147 to 151 Bentonite Chips  
 From 151 to 173 #2/12 Monterey Sand Pack  
 From 173 to 179 Bentonite Chips/Slough

Northing: **26718347.70**

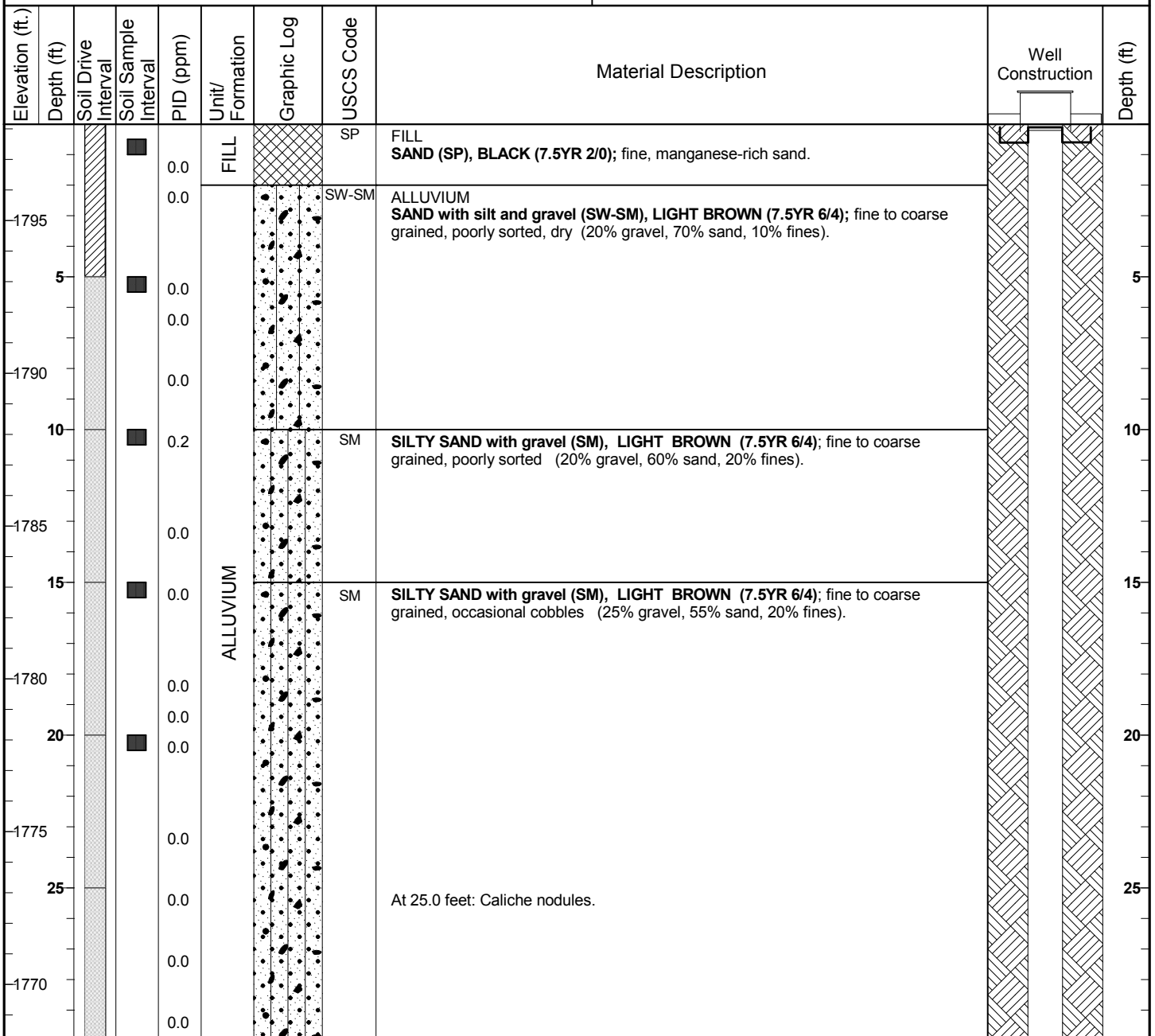
Easting: **829025.58**

Total Depth: **179.0 feet**

Borehole Dia.: **8 inches**

Notes:

1. Soil samples for chemical analyses collected using a split-spoon sampler advanced ahead of the core barrel.



**Sample/ Recovery Key**

- Hand Auger
- Sonic Core Recovery
- Chemical Sample
- First saturated soil cuttings
- No Recovery
- Physical Test Sample
- Equilibrated groundwater (3/11/2015)

Elevation (ft.)	Depth (ft)	Soil Drive Interval	Soil Sample Interval	PID (ppm)	Unit/Formation	Graphic Log	USCS Code	Material Description	Well Construction	Depth (ft)
1765	35		■	0.0	ALLUVIUM		SM	From 30.0 to 35.0 feet: Grades with pea gravel clasts.		35
1760	40	■	0.2	ML/SM			<b>SILTY SAND (ML/SM), LIGHT BROWN (7.5YR 6/4)</b> ; sand is fine to medium grained with trace of gravel and caliche, damp (0% gravel, 60% sand, 40% fines). From 40.0 feet: Becomes wet.	40		
1755	45	▽	1.6	SM			<b>SILTY SAND with gravel (SM), LIGHT BROWN (7.5YR 6/4)</b> ; fine to coarse sand with pea-size gravel, (25% gravel, 55% sand, 20% fines).	45		
1750	50			0.1	UMCf		MH	UPPER MUDDY CREEK FORMATION AT 46.0 FEET <b>CLAYEY SILT with sand (MH), STRONG BROWN (7.5YR 5/6)</b> ; some caliche nodules, wet (0% gravel, 30% sand, 70% fines).		50
1745	55		0.0	SM			<b>SILTY SAND (SM), STRONG BROWN (7.5YR 6/1)</b> ; fine to medium grained sand with caliche nodules, trace of coarse sand, moist to wet (0% gravel, 60% sand, 40% fines).	55		
1740	60			0.0	UMCf		ML	<b>INTERBEDDED SILT (ML) with SANDY SILT (ML), LIGHT BROWN (7.5YR 6/4)</b> ; locally with very fine to medium sand, some caliche nodules, moist to wet (0% gravel, 20% sand, 80% fines).		60
1735	65			0.0			ML			65
1730				0.0						

**Sample/ Recovery Key**

Hand Auger

Sonic Core Recovery

Chemical Sample

First saturated soil cuttings

No Recovery

Physical Test Sample

Equilibrated groundwater (3/11/2015)

Elevation (ft.)	Depth (ft)	Soil Drive Interval	Soil Sample Interval	PID (ppm)	Unit/Formation	Graphic Log	USCS Code	Material Description	Well Construction	Depth (ft)
1725	75			0.0			ML			75
1720	80			0.0						80
1715	85			0.0	UMCf		SW-SM	<b>SAND with silt (SW-SM), BROWN (7.5YR 4/2);</b> fine to very coarse grained, trace gravel, wet (0% gravel, 90% sand, 10% fines).		85
1710	90			0.0			ML	<b>INTERBEDDED SILT (ML) with SANDY SILT (ML), LIGHT BROWN (7.5YR 6/4);</b> locally with fine to medium sand, trace caliche nodules, moist to wet (0% gravel, 15% sand, 85% fines).		90
1705	95			0.0						95
1700	100			0.0						100
1695	105			0.0						105
1690				0.0			SW-SM	<b>SAND with silt (SW-SM), STRONG BROWN (7.5YR 5/6);</b> fine to coarse grained sand and gravel, wet (15% gravel, 75% sand, 10% fines).		
				0.0			ML	<b>SILT (ML), LIGHT BROWN (7.5YR 6/4);</b> moist (0% gravel, 15% sand, 85%		

**Sample/ Recovery Key**

- Hand Auger
- Sonic Core Recovery
- Chemical Sample
- First saturated soil cuttings
- No Recovery
- Physical Test Sample
- Equilibrated groundwater (3/11/2015)





Elevation (ft.)	Depth (ft)	Soil Drive Interval	Soil Sample Interval	PID (ppm)	Unit/Formation	Graphic Log	USCS Code	Material Description	Well Construction	Depth (ft)
				0.0			ML	finer).		
				0.0			ML			
1685				0.0			ML	<b>SANDY SILT (ML), LIGHT BROWN (7.5YR 6/4);</b> sand is fine to coarse grained, moist (0% gravel, 30% sand, 70% fines).		115
115				0.0			ML	<b>INTERBEDDED SILT (ML) with SANDY SILT (ML), LIGHT BROWN (7.5YR 6/4);</b> locally with fine to medium sand, caliche nodules, moist (0% gravel, 15% sand, 85% fines).		115
1680				0.0			ML			120
120				0.0			ML			120
1675				0.0			ML			125
125				0.1			ML	From 125.0 feet: Grades with scattered gravel. From 126.0 to 126.5 feet: Sand and gravel lens.		125
1670				0.0	UMCf		ML			130
130				0.0			ML	<b>SANDY SILT (ML), LIGHT BROWN (7.5YR 6/4);</b> with some gravel and caliche, moist (10% gravel, 35% sand, 55% fines).		130
1665				0.0			SW-SM	<b>SAND with silt (SW-SM), STRONG BROWN (7.5YR 5/6);</b> fine to coarse grained with trace gravel, wet (20% gravel, 70% sand, 10% fines).		135
135				0.0			ML	<b>SANDY SILT (ML), LIGHT BROWN (7.5YR 6/4);</b> with some gravel and caliche nodules, moist (10% gravel, 35% sand, 55% fines).		135
1660				0.0			MH	<b>CLAYEY SILT (MH), BROWN (7.5YR 5/4);</b> fine to medium grained, caliche, moist (0% gravel, 20% sand, 80% fines).		140
140				0.0			MH			140
1655				0.0			SM	<b>SILTY SAND (SM), BROWN (7.5YR 5/4);</b> fine to coarse grained with some caliche, moist (5% gravel, 75% sand, 20% fines).		145
145				0.0			ML	At 143.5 feet: Thin layer with waxy coating on sand grains. <b>SANDY SILT (ML), LIGHT BROWN (7.5YR 6/4);</b> with some gravel and caliche, moist (10% gravel, 35% sand, 55% fines).		145
1650				0.0			MH	<b>SILT (MH), LIGHT BROWN (7.5YR 6/4);</b> with some caliche, moist (0% gravel, 20% sand, 80% fines).		145
				0.0			MH			1650

**Sample/ Recovery Key**

- Hand Auger
- Sonic Core Recovery
- Chemical Sample
- First saturated soil cuttings
- No Recovery
- Physical Test Sample
- Equilibrated groundwater (3/11/2015)

Elevation (ft.)	Depth (ft)	Soil Drive Interval	Soil Sample Interval	PID (ppm)	Unit/Formation	Graphic Log	USCS Code	Material Description	Well Construction	Depth (ft)
				0.0			MH			
1645				0.0			ML	<b>SANDY SILT (ML), LIGHT BROWN (7.5YR 6/4);</b> sand is fine to medium grained, trace of gravel. some caliche nodules, moist (5% gravel, 25% sand, 70% fines).		155
155				0.0			MH	<b>CLAYEY SILT (MH), LIGHT BROWN (7.5YR 6/4);</b> with fine to medium grained sand, caliche nodules moist (0% gravel, 20% sand, 80% fines).		160
1640				0.0			MH			165
1635				0.0			SM	<b>SILTY SAND (SM), BROWN (7.5YR 5/4);</b> fine to coarse grained, with gravel and caliche nodules, moist to wet (15% gravel, 50% sand, 35% fines).		165
165				0.0	UMCf		MH	<b>CLAYEY SILT (MH), STRONG BROWN (7.5YR 5/6);</b> with fine sand and trace caliche nodules, medium stiff, wet (0% gravel, 20% sand, 80% fines).		170
1630				0.0			MH			175
170				0.0			MH	From 170.0 feet: Grades with decreasing fine sand.		175
1625				0.0			MH			180
175				0.0			MH			185
1620				0.0			MH			185
180				0.0				Boring completed at a depth of 179.0 feet on 12/08/2014.		180
1615										185
185										185
1610										185

**Sample/ Recovery Key**

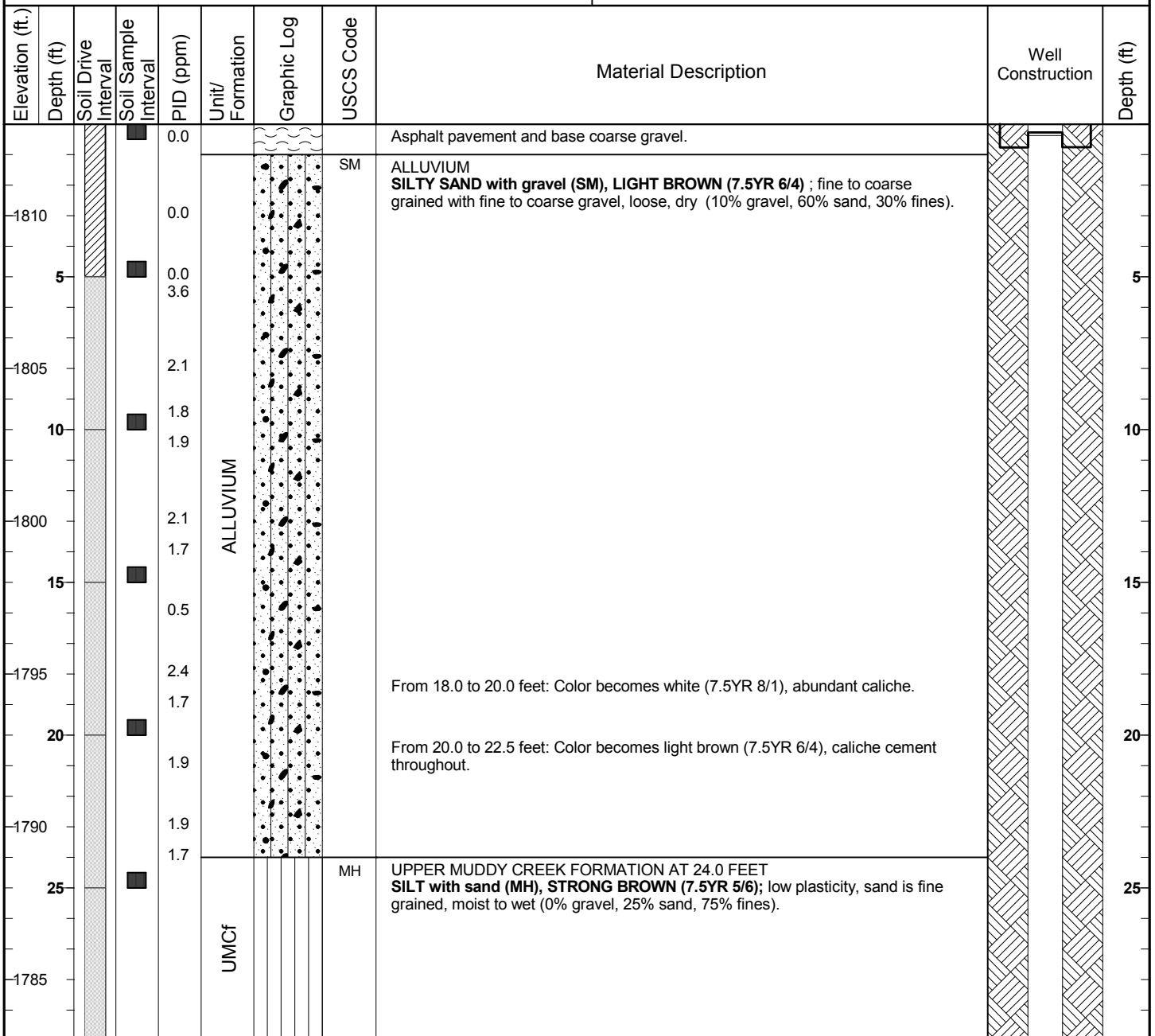
-  Hand Auger
-  Sonic Core Recovery
-  Chemical Sample
-  First saturated soil cuttings
-  No Recovery
-  Physical Test Sample
-  Equilibrated groundwater (3/11/2015)

Well Construction Details

Blank Casing (feet):	From 0 to 34.5	2" Sch. 40 PVC
Screen (feet):	From 35 to 50	0.020 Slot 40 PVC
Annular Fill (feet):	From 0 to 30	Cement/Bentonite Grout Seal
	From 30 to 33	Bentonite Chips
	From 33 to 51	#3 Monterey Sand Pack

Notes:

1. Soil samples for chemical analyses collected using a split-spoon sampler advanced ahead of the core barrel.



**Sample/ Recovery Key**

- Hand Auger
- Sonic Core Recovery
- Chemical Sample
- First saturated soil cuttings
- No Recovery
- Physical Test Sample
- Equilibrated groundwater (1/19/2015)

Elevation (ft.)	Depth (ft)	Soil Drive Interval	Soil Sample Interval	PID (ppm)	Unit/Formation	Graphic Log	USCS Code	Material Description	Well Construction	Depth (ft)
▽			■	1.7			MH			
1780				0.9						
	35			1.1	UMCf					35
1775										
	40									40
1770										
	45									45
							SM	<b>SILTY SAND with gravel (SM), STRONG BROWN (7.5YR 5/6); wet.</b>		
1765							MH	<b>SILT with sand (MH), STRONG BROWN (7.5YR 5/6); low plasticity, wet (0% gravel, 25% sand, 75% fines).</b>		
	50									50
								Boring completed at a depth of 51.0 feet on 12/3/2014.		
1760										
	55									55
1755										
	60									60
1750										
	65									65
1745										

**Sample/ Recovery Key**

Hand Auger

Sonic Core Recovery

Chemical Sample

First saturated soil cuttings

No Recovery

Physical Test Sample

Equilibrated groundwater (1/19/2015)

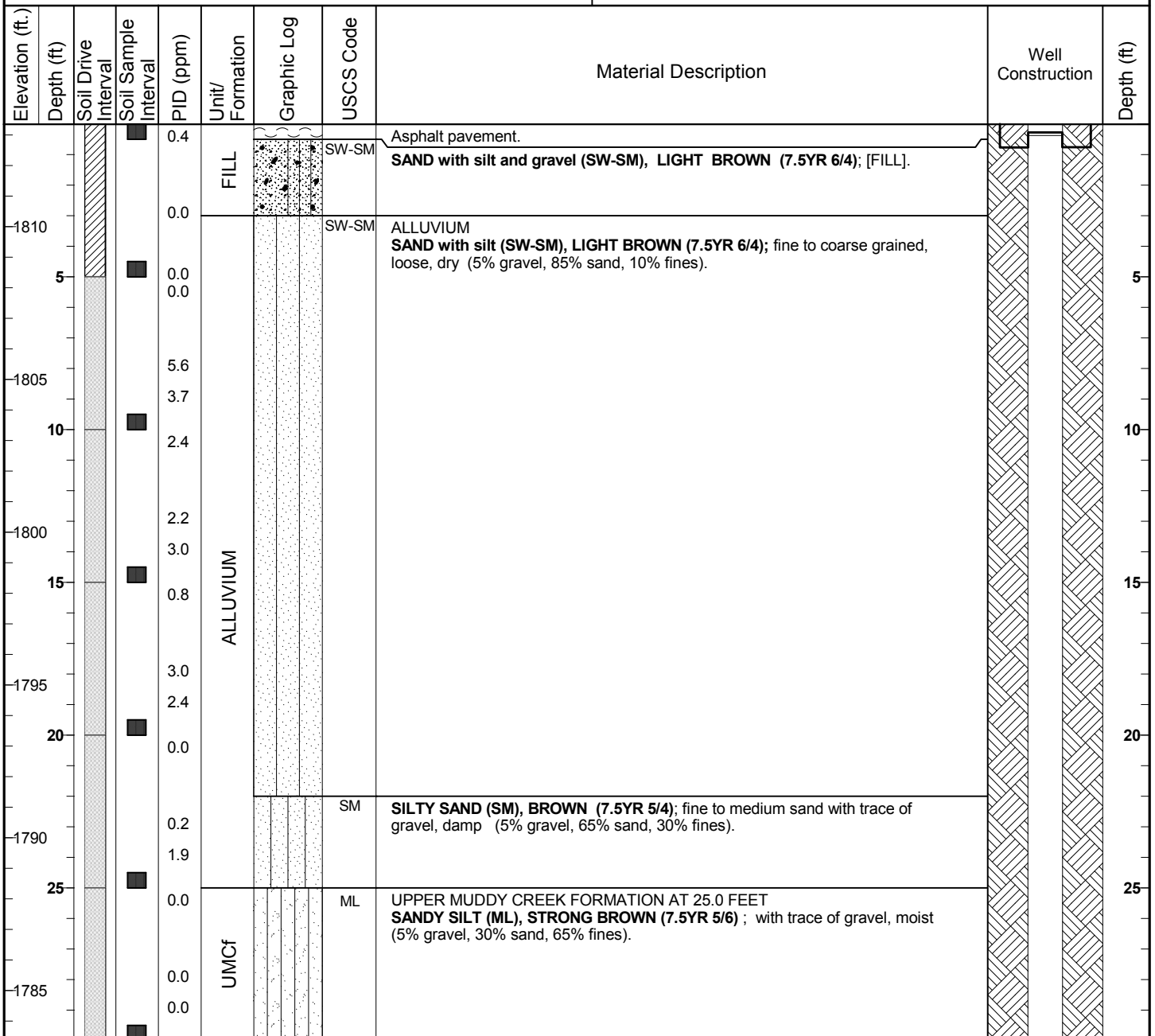


Well Construction Details

Blank Casing (feet):	From 0 to 35	2" Sch. 40 PVC
Screen (feet):	From 35 to 50	0.020 Slot 40 PVC
Annular Fill (feet):	From 0 to 30	Cement/Bentonite Grout Seal
	From 30 to 33	Bentonite Chips
	From 33 to 50	#3 Monterey Sand Pack

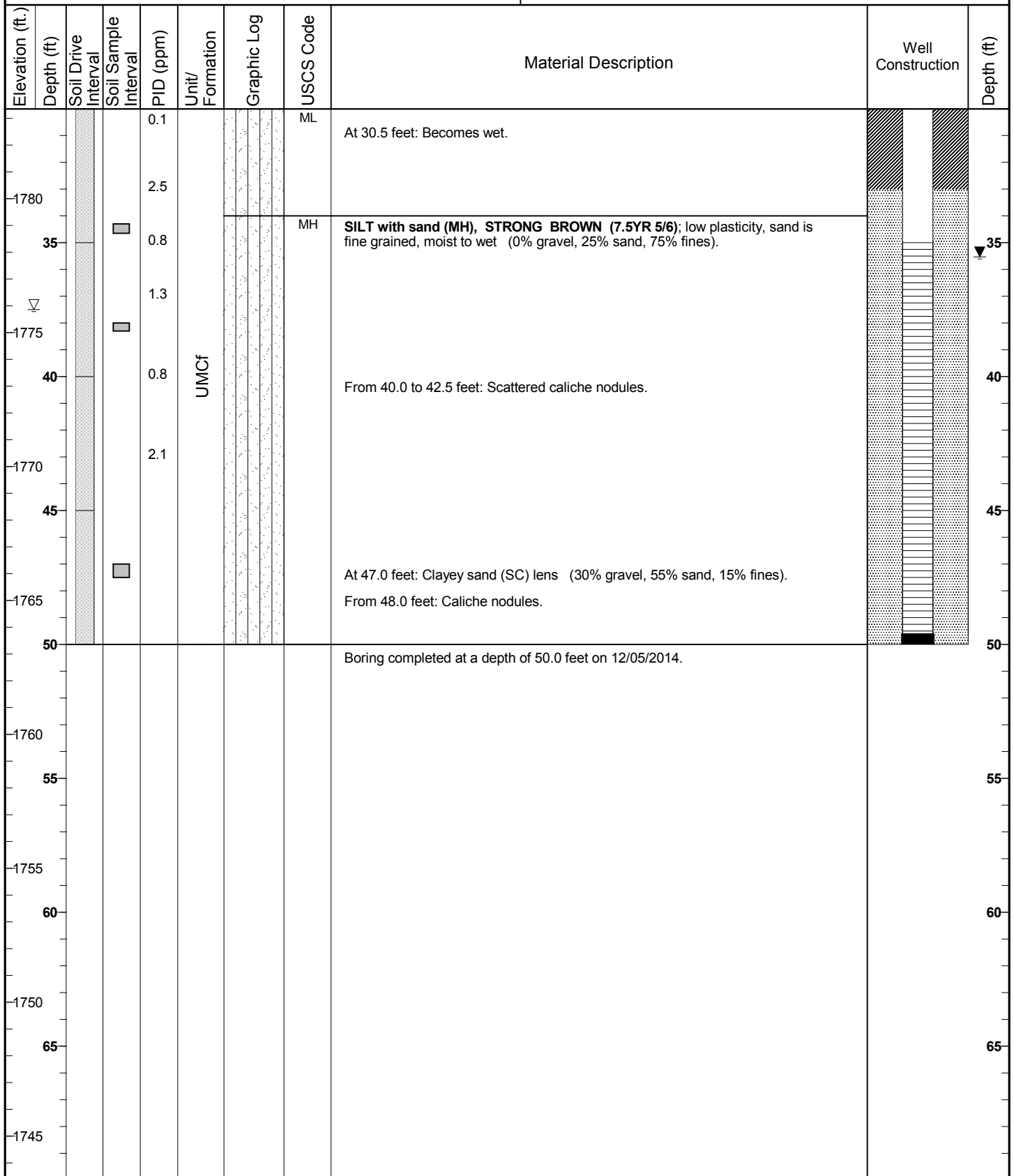
Notes:

1. Soil samples for chemical analyses collected using a split-spoon sampler advanced ahead of the core barrel.



**Sample/ Recovery Key**

- Hand Auger
- Sonic Core Recovery
- Chemical Sample
- First saturated soil cuttings
- No Recovery
- Physical Test Sample
- Equilibrated groundwater (1/19/2015)



**Sample/ Recovery Key**

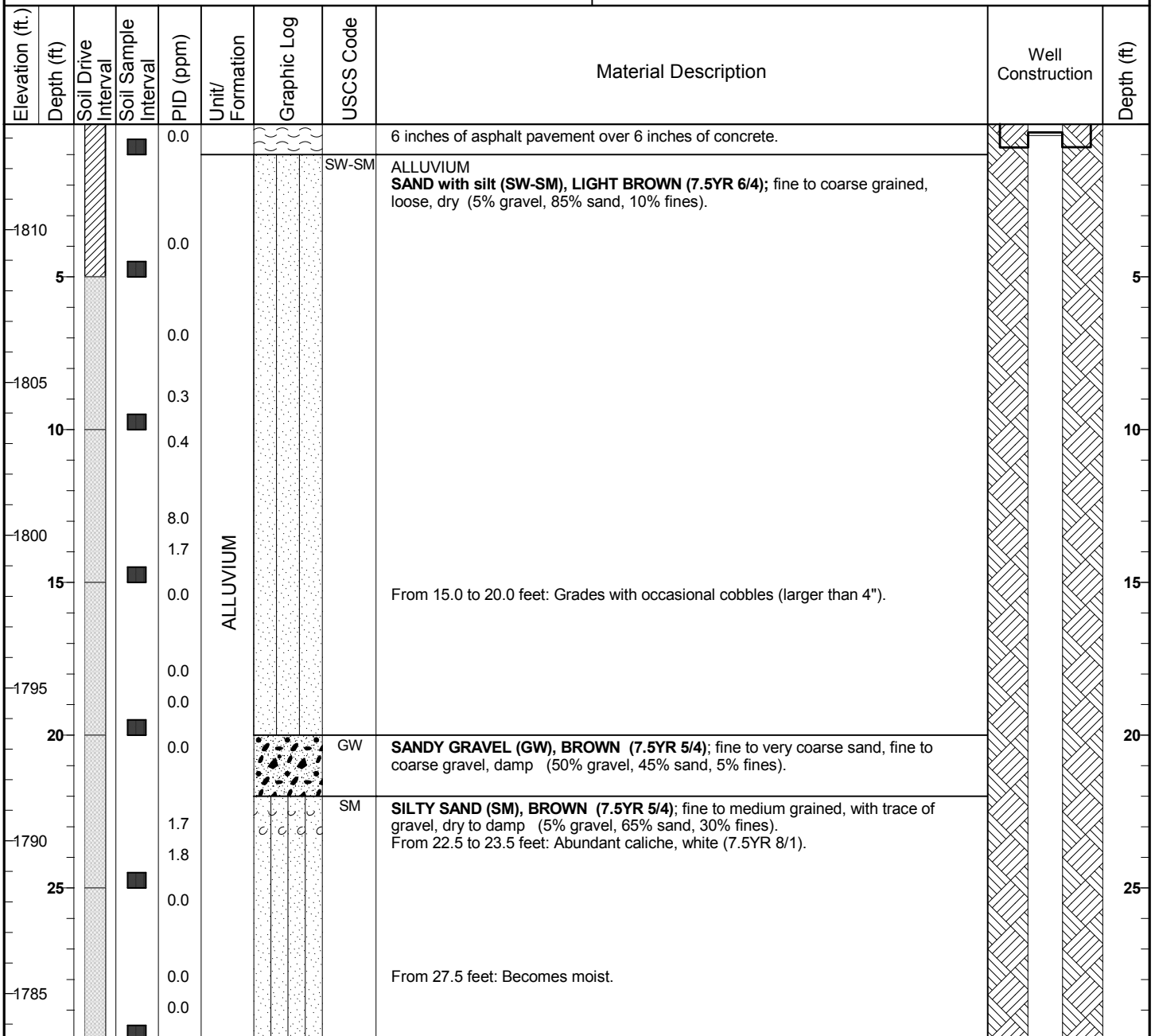
- Hand Auger
- Sonic Core Recovery
- Chemical Sample
- First saturated soil cuttings
- No Recovery
- Physical Test Sample
- Equilibrated groundwater (1/19/2015)

Well Construction Details

Blank Casing (feet):	From 0 to 35	2" Sch. 40 PVC
Screen (feet):	From 35 to 50	0.020 Slot 40 PVC
Annular Fill (feet):	From 0 to 30	Cement/Bentonite Grout Seal
	From 30 to 33	Bentonite Chips
	From 33 to 51	#3 Monterey Sand Pack

Notes:

1. Soil samples for chemical analyses collected using a split-spoon sampler advanced ahead of the core barrel.



**Sample/ Recovery Key**

Hand Auger

No Recovery

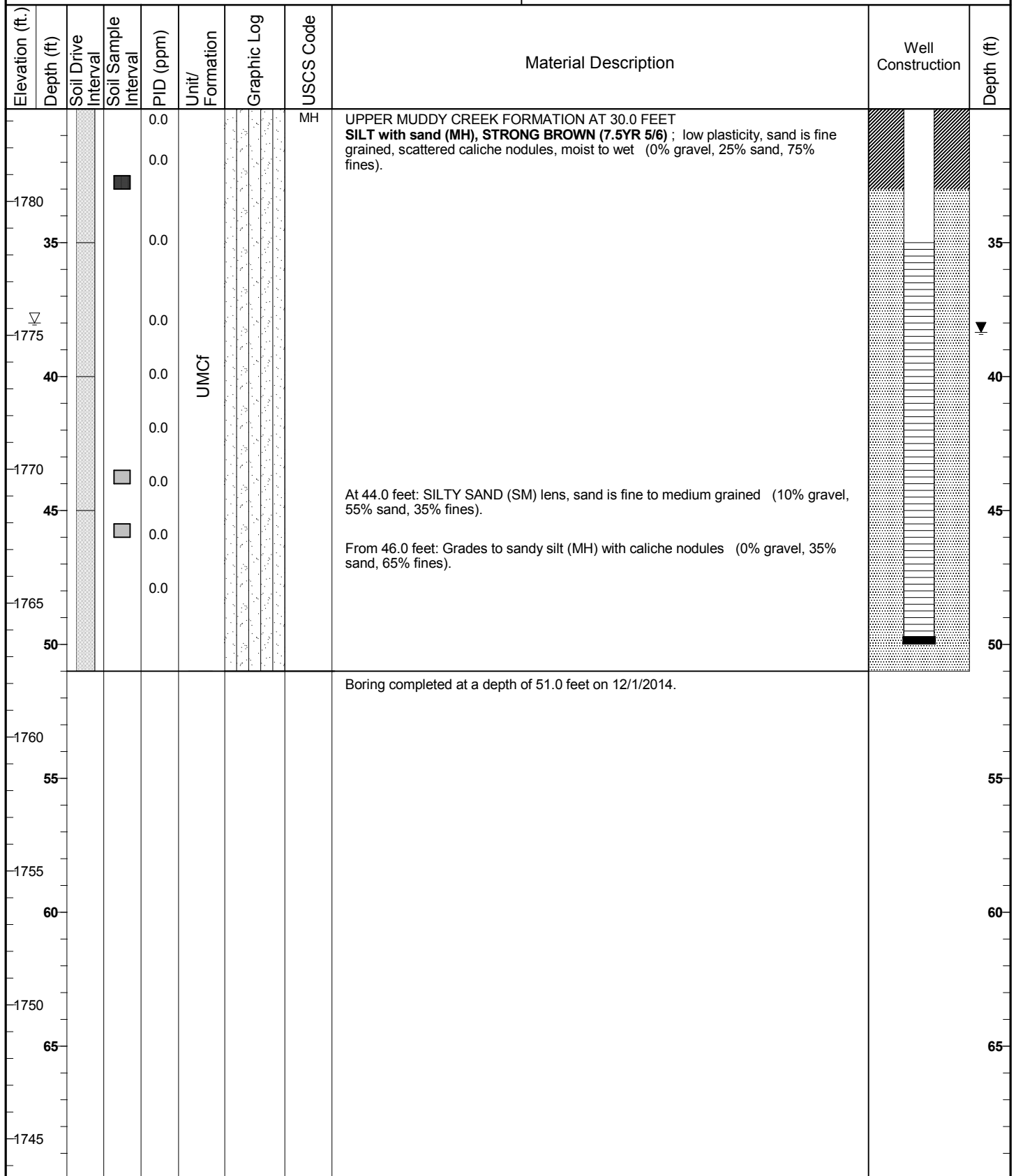
Physical Test Sample

Chemical Sample

Equilibrated groundwater (2/2/2015)

First saturated soil cuttings

Equilibrated groundwater (2/2/2015)



**Sample/ Recovery Key**

Hand Auger

No Recovery

Physical Test Sample

Chemical Sample

Physical Test Sample

First saturated soil cuttings

Equilibrated groundwater (2/2/2015)

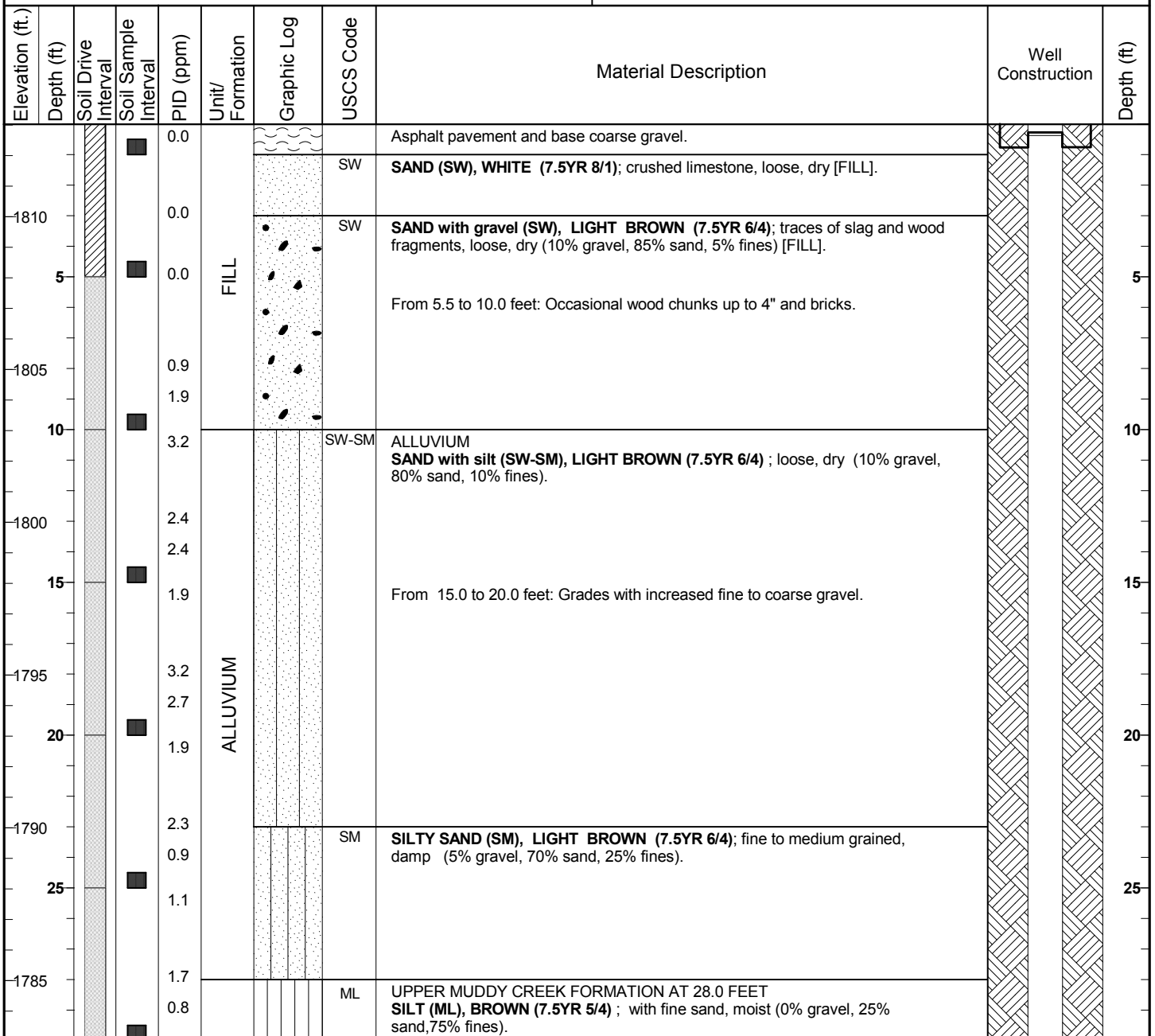


Well Construction Details

Blank Casing (feet):	From 0 to 30	2" Sch. 40 PVC
Screen (feet):	From 35 to 50	0.020 Slot 40 PVC
Annular Fill (feet):	From 0 to 30	Cement/Bentonite Grout Seal
	From 30 to 33	Bentonite Chips
	From 33 to 50	#3 Monterey Sand Pack

Notes:

1. Soil samples for chemical analyses collected using a split-spoon sampler advanced ahead of the core barrel.



**Sample/ Recovery Key**

Hand Auger

No Recovery

Physical Test Sample

Chemical Sample

Equilibrated groundwater (2/2/2015)

First saturated soil cuttings

Equilibrated groundwater (2/2/2015)

Elevation (ft.)	Depth (ft)	Soil Drive Interval	Soil Sample Interval	PID (ppm)	Unit/Formation	Graphic Log	USCS Code	Material Description	Well Construction	Depth (ft)
1780				0.8			ML	From 33.0 to 35.0 feet: Becomes wet.		
	35			0.5			MH	<b>SILT with sand (MH), BROWN (7.5YR 4/4)</b> ; sand is fine grained, damp (0% gravel, 25% sand, 75% fines).		35
1775				0.7						
	40			0.6	UMCf		MH/SM	<b>SANDY SILT (MH/SM), BROWN (7.5YR 5/4)</b> ; sand is fine to medium grained, some caliche nodules, moist to wet (0% gravel, 45% sand, 55% fines).		40
1770				0.4			MH	<b>SILT with sand (MH), BROWN (7.5YR 5/4)</b> ; sand is fine grained, some caliche nodules, moist to wet (0% gravel, 25% sand, 75% fines).		
	45			0.3				From 45.0 feet: Becomes wet, color becomes strong brown (7.5YR 5/6).		45
1765				0.4						
	50			0.4						50
								Boring completed at a depth of 50.0 feet on 12/3/2014.		
1760										
	55									55
1755										
	60									60
1750										
	65									65
1745										

**Sample/Recovery Key**

Hand Auger	Physical Test Sample	Chemical Sample	First saturated soil cuttings
No Recovery	Equilibrated groundwater (2/2/2015)		

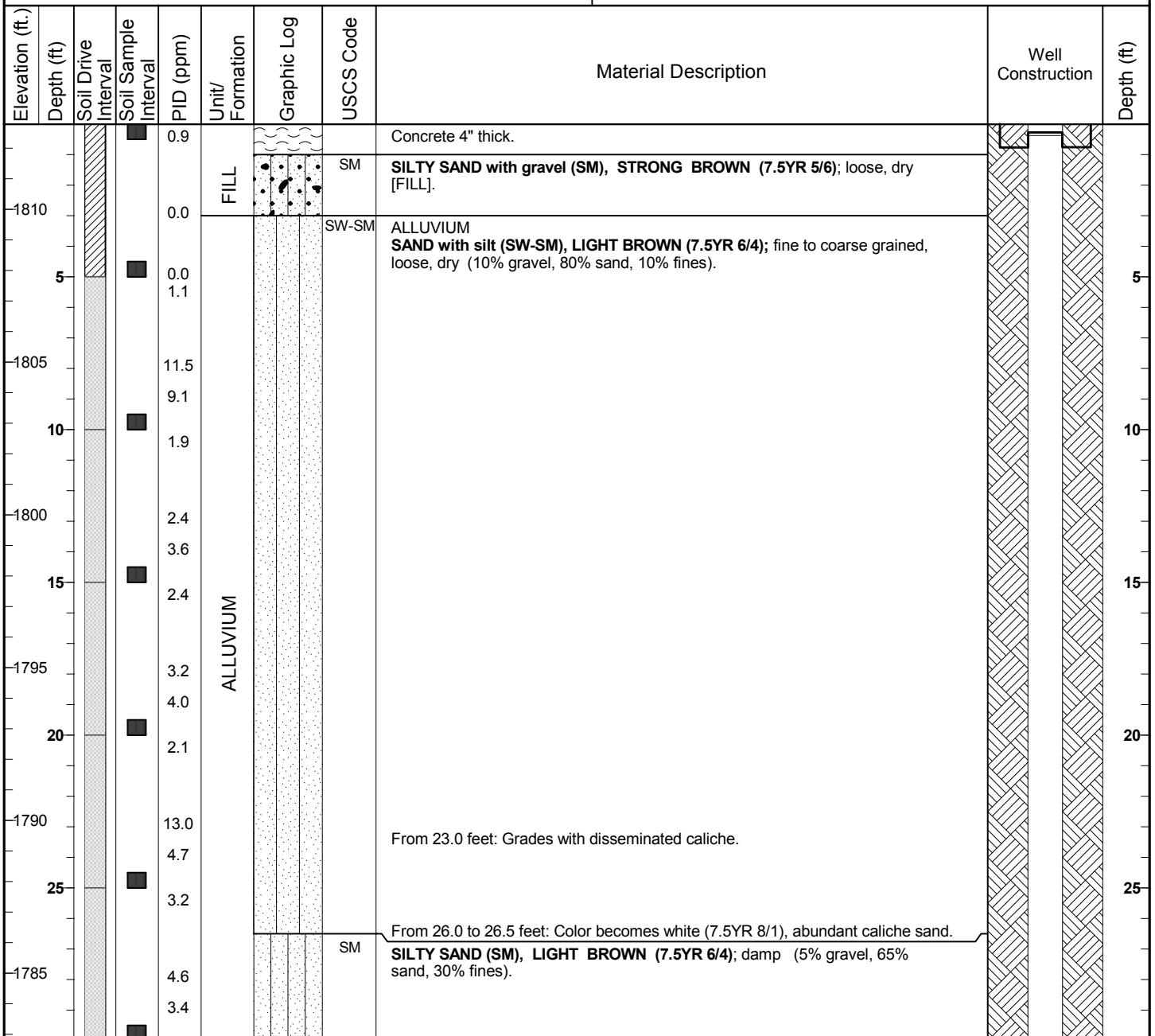
5/2/2016

Well Construction Details

Blank Casing (feet):	From 0 to 35	2" Sch. 40 PVC
Screen (feet):	From 35 to 50	0.020 Slot 40 PVC
Annular Fill (feet):	From 0 to 30	Cement/Bentonite Grout Seal
	From 30 to 33	Bentonite Chips
	From 33 to 50	#3 Monterey Sand Pack

Notes:

1. Soil samples for chemical analyses collected using a split-spoon sampler advanced ahead of the core barrel.



**Sample/ Recovery Key**

Hand Auger

No Recovery

Physical Test Sample

Chemical Sample

Equilibrated groundwater (1/18/2015)

First saturated soil cuttings

Equilibrated groundwater (1/18/2015)

Elevation (ft.)	Depth (ft)	Soil Drive Interval	Soil Sample Interval	PID (ppm)	Unit/Formation	Graphic Log	USCS Code	Material Description	Well Construction	Depth (ft)
1780	35		■	3.1	UPPER MUDDY CREEK FORMATION		SM			35
				2.9		MH	UPPER MUDDY CREEK FORMATION AT 31.0 FEET <b>SILT with sand (MH), STRONG BROWN (7.5YR 5/6);</b> low plasticity, moist (0% gravel, 25% sand, 75% fines).			
				1.7						
				1.9			From 36.0 to 37.5 feet: Wet.			
1775	40		■	14.4			SM	<b>SILTY SAND (SM), LIGHT BROWN (7.5YR 6/4);</b> fine to coarse grained with gravel and caliche nodules, loose, dry (10% gravel, 55% sand, 35% fines).		40
				10.1						40
1770				3.7						45
▽ 45				3.4						45
1765				1.1			MH	<b>SILT with sand (MH), STRONG BROWN (7.5YR 5/6);</b> sand is predominantly fine grained, some caliche nodules, wet (0% gravel, 25% sand, 75% fines).		45
				2.4						50
	50							Boring completed at a depth of 50.0 feet on 12/4/2014.		50
1760	55									55
1755	60									60
1750	65									65
1745										

**Sample/ Recovery Key**

Hand Auger

Physical Test Sample

No Recovery

Chemical Sample

Physical Test Sample

First saturated soil cuttings

Equilibrated groundwater (1/18/2015)

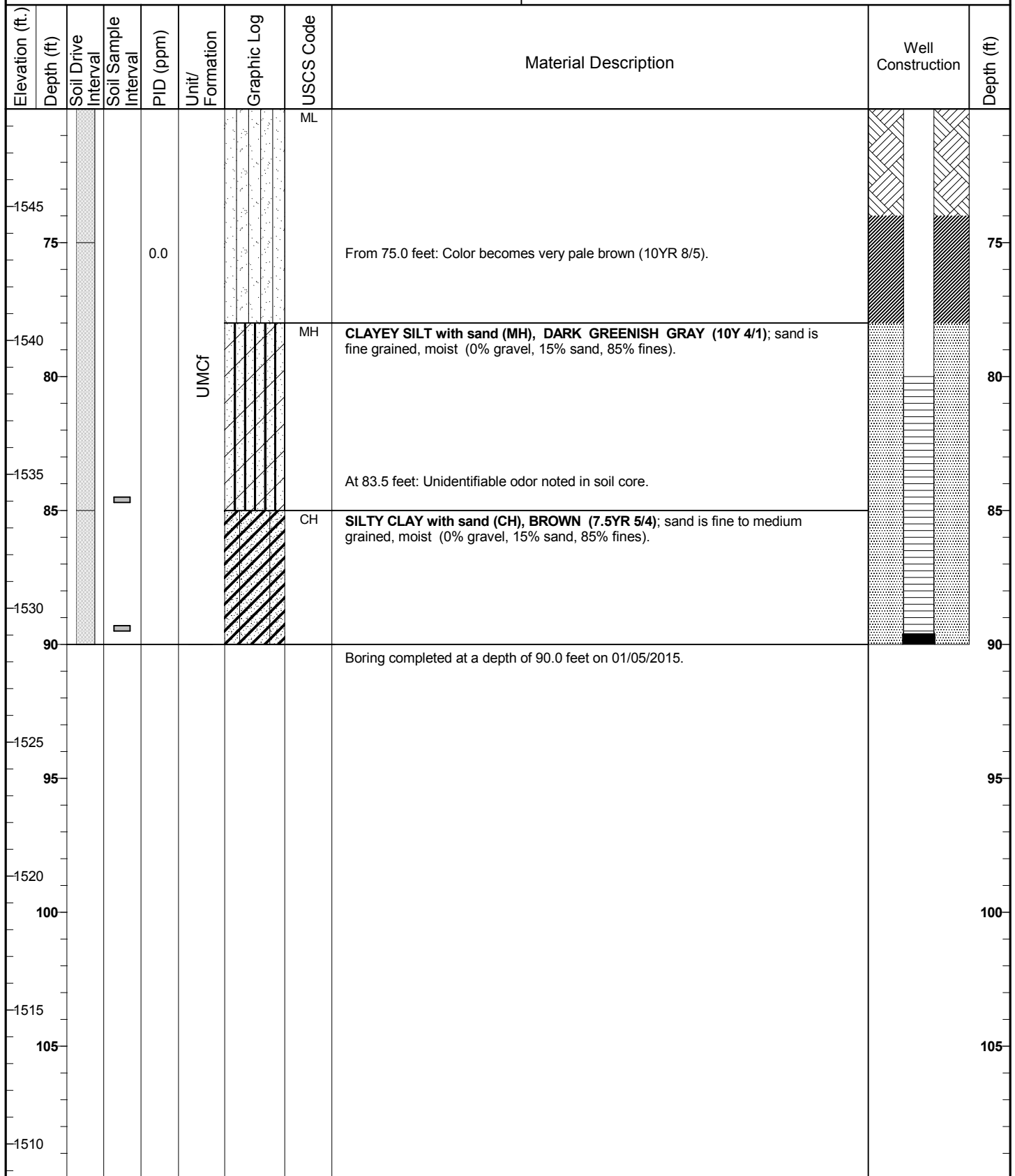










Elevation (ft.)	Depth (ft)	Soil Drive Interval	Soil Sample Interval	PID (ppm)	Unit/Formation	Graphic Log	USCS Code	Material Description	Well Construction	Depth (ft)
▽				0.0	ALLUVIUM		SW	<b>SAND with gravel (SW), BROWN (7.5YR 4/3);</b> fine to coarse grained, predominantly fine gravel, wet (25% gravel, 70% sand, 5% fines).		
1585	35		0.0					From 35.0 feet: Grades with predominantly medium to coarse sand, subangular gravel.		35
1580	40		0.0					From 40.0 feet: Grades with increasing coarse gravel.		40
1575	45			0.0	UMCf		ML	<b>SILT with sand (ML), PINKISH GRAY (7.5YR 7/1);</b> sand is fine to medium grained, wet (0% gravel, 20% sand, 80% fines).		45
1570	50						CH	UPPER MUDDY CREEK FORMATION AT 45.0 FEET <b>INTERBEDDED SILTY CLAY (CH), DARK GREENISH GRAY (10Y 4/1) and SANDY CLAYEY SILT (MH), BROWN (7.5YR 5/4);</b> medium plasticity, moist. From 45.0 to 58.0 feet: Silty sandy clay, light greenish gray (10Y 8/1), calcareous, moist (0% gravel, 49% sand, 51% fines).		50
1565	55			0.0				ML		<b>CLAYEY SANDY SILT (ML), BROWN (7.5YR 5/4);</b> moist (0% gravel, 30% sand, 70% fines).
1560	60							From 63 to 64 feet: Brown sandy lens (0% gravel, 60% sand, 40% fines). From 64.0 to 64.5: Greenish gray silty lens.		60
1555	65			0.0						65
1550										

**Sample/ Recovery Key**

- Hand Auger
- Sonic Core Recovery
- Chemical Sample
- First saturated soil cuttings
- No Recovery
- Physical Test Sample
- Equilibrated groundwater (1/26/2015)



**Sample/ Recovery Key**

-  Hand Auger
-  Sonic Core Recovery
-  Chemical Sample
-  First saturated soil cuttings
-  No Recovery
-  Physical Test Sample
-  Equilibrated groundwater (1/26/2015)





Elevation (ft.)	Depth (ft)	Soil Drive Interval	Soil Sample Interval	PID (ppm)	Unit/Formation	Graphic Log	USCS Code	Material Description	Well Construction	Depth (ft)	
▽				0.1	ALLUVIUM		SP	At 30.5 feet: Becomes wet.		35	
1585	35			0.0			SW-SM	<b>SILTY SAND with gravel (SW-SM), BROWN (7.5YR 4/4);</b> (35% gravel, 60% sand, 15% fines).  From 35.0 to 38.0 feet: Hard drilling, cemented layers in well graded sand and gravel.			
1580	40			0.0	UMCf		CH/MH	UPPER MUDDY CREEK FORMATION AT 38.0 FEET <b>INTERBEDDED SILTY CLAY, GREENISH GRAY (10Y 6/1) and SANDY CLAYEY SILT, BROWN (7.5YR 5/4);</b> moist. From 38.0 to 39.0 feet: Very pale brown (10YR 8/2) clayey sandy silt with cemented layers. From 39.0 to 40.0 feet: No core recovery; rhyolite rock fragments From 40.0 to 45.0 feet: Light greenish gray (GLEY 8/1) clayey silt.		40	
1575	45			0.1				At 45.0 feet: Grades with fine gravel (~20%), laminated, mottled, predominantly light greenish gray.			45
1570	50			0.1							
1565	55			0.1			ML	<b>SANDY SILT (ML), LIGHT YELLOWISH BROWN (2.5Y 6/3);</b> with trace fine gravel, moist (5% gravel, 20% sand, 75% fines).	55		
1560	60			0.2			SM	<b>SILTY SAND (SM), LIGHT YELLOWISH BROWN (2.5Y 6/3);</b> fine to medium grained (0% gravel, 70% sand, 30% fines).		60	
							ML	<b>SANDY SILT (ML)</b>	65		
							CL	<b>SILTY CLAY (CL), GREENISH GRAY (10Y 6/1);</b> with fine sand, moist (0% gravel, 10% sand, 90% fines).		65	
1555	65						SM	From 63.0 to 64.0 feet: silty fine sand interbed.	65		
							CL			65	
1550				0.0			MH	<b>CLAYEY SILT (MH), BROWN (7.5YR 5/4);</b> with scattered gypsum crystals (3/8 inch to 1 1/4 inch), moist (0% gravel, 15% sand, 85% fines).	65		
										65	

**Sample/ Recovery Key**

- Hand Auger
- Sonic Core Recovery
- Chemical Sample
- First saturated soil cuttings
- No Recovery
- Physical Test Sample
- Equilibrated groundwater (1/26/2015)

Elevation (ft.)	Depth (ft)	Soil Drive Interval	Soil Sample Interval	PID (ppm)	Unit/Formation	Graphic Log	USCS Code	Material Description	Well Construction	Depth (ft)
1545	75			0.1	UMCf		CL	<b>SILTY CLAY (CL), BROWN (7.5YR 5/3);</b> carbonate coating on gravels, moist (10% gravel, 10% sand, 80% fines).		75
1540	80		0.0	ML		<b>SANDY SILT with clay (ML), BROWN (7.5R 5/3);</b> moist.  From 77.0 to 80.0 feet: Thin lenses of light greenish gray mottling.		80		
1535	85		0.1	MH		<b>CLAYEY SILT (MH), GREENISH GRAY (10Y 6/1);</b> with fine to very fine grained sand (0% gravel, 30% sand, 70% fines).  At 86.0 feet: Thin dark gray laminae.		85		
1530	90		0.1					Boring completed at a depth of 90.0 feet on 01/07/2015.		90
1525	95									95
1520	100									100
1515	105									105
1510										

**Sample/ Recovery Key**

Hand Auger

Sonic Core Recovery

Chemical Sample

First saturated soil cuttings

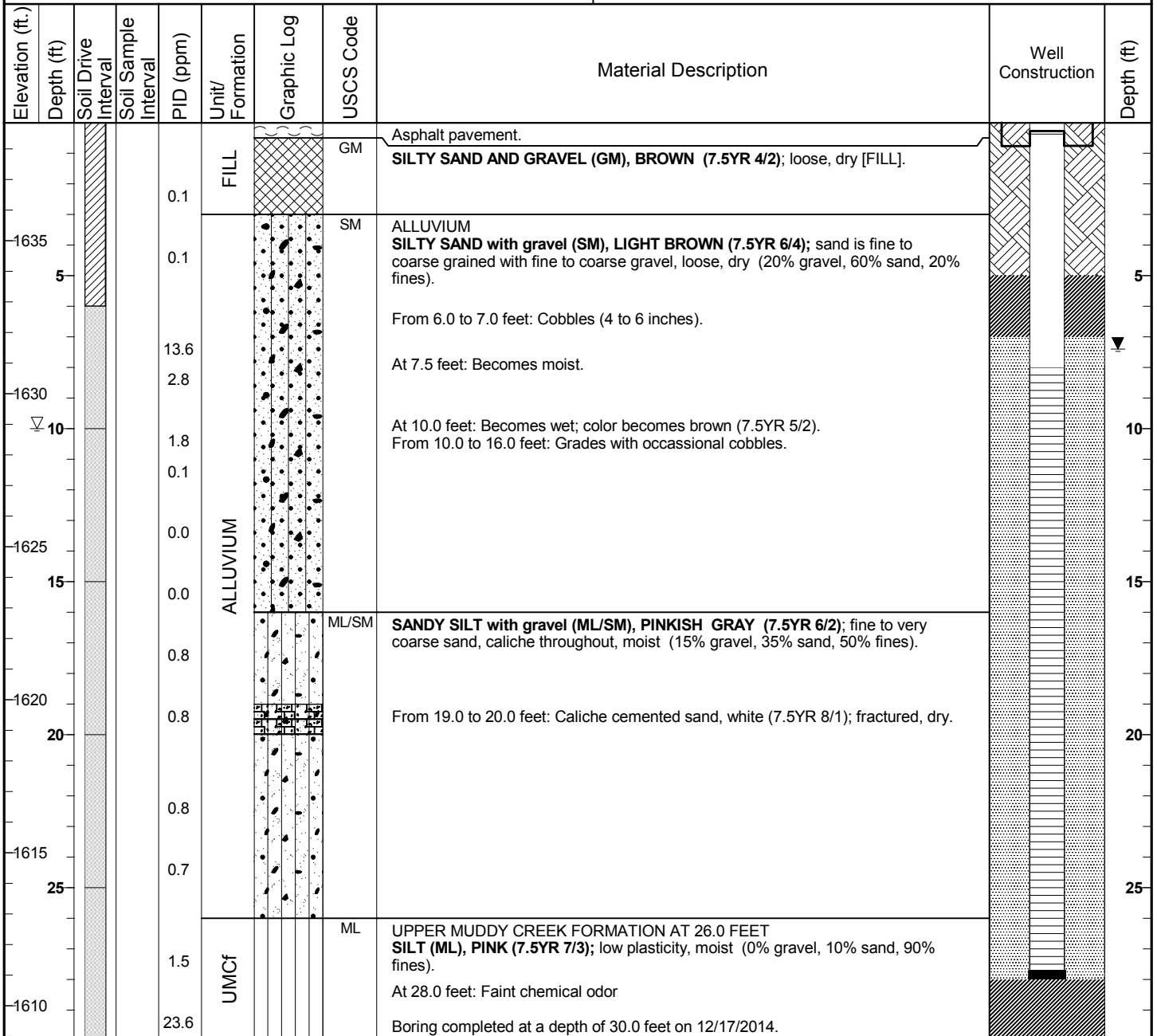
No Recovery

Physical Test Sample

Equilibrated groundwater (1/26/2015)

Well Construction Details

Blank Casing (feet):	From 0 to 8	2" Sch. 40 PVC
Screen (feet):	From 8 to 28	0.020 Slot 40 PVC
Annular Fill (feet):	From 0 to 5	Cement/Bentonite Grout Seal
	From 5 to 7	Bentonite Chips
	From 7 to 28	#3 Monterey Sand Pack
	From 28 to 30	Bentonite Chips



**Sample/ Recovery Key**

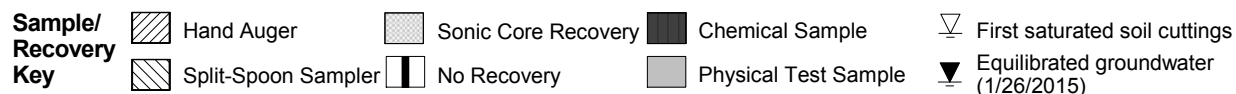
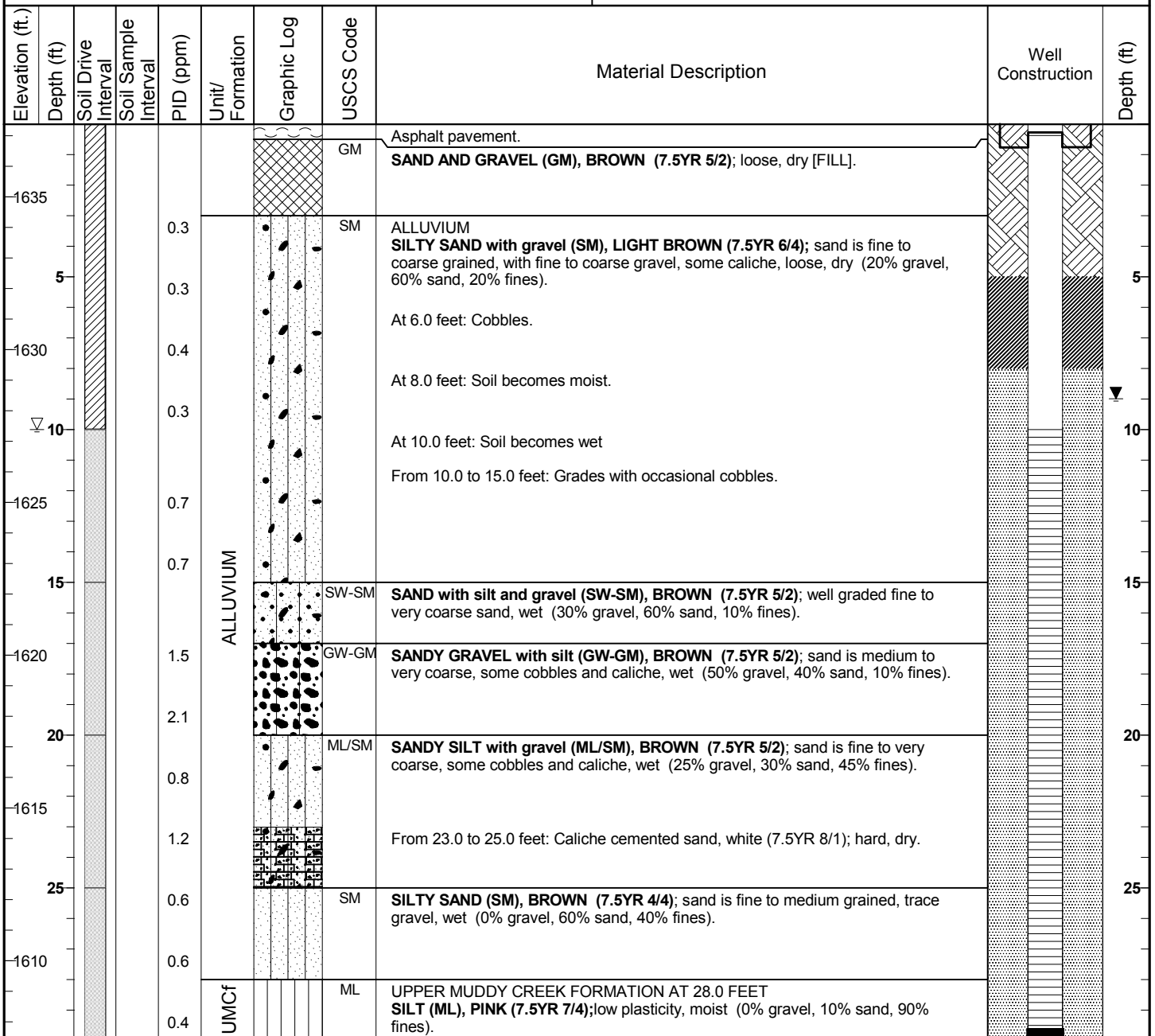
- Hand Auger
- Sonic Core Recovery
- Chemical Sample
- First saturated soil cuttings
- No Recovery
- Physical Test Sample
- Equilibrated groundwater (1/26/2015)

Well Construction Details




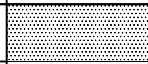
Blank Casing (feet):	From 0 to 10	2" PVC
Screen (feet):	From 10 to 30	0.020 Slot 40 PVC
Annular Fill (feet):	From 0 to 5	Cement/Bentonite Grout Seal
	From 5 to 8	Bentonite Chips
	From 8 to 31.5	#3 Monterey Sand Pack

Notes:





1. Soil sample collected from 30.0 to 31.5 feet using a split-spoon sampler.





Elevation (ft.)	Depth (ft)	Soil Drive Interval	Soil Sample Interval	PID (ppm)	Unit/Formation	Graphic Log	USCS Code	Material Description	Well Construction	Depth (ft)
				11.6			MH	At 29.0 feet: Faint chemical odor. <b>SILT (MH), LIGHT GREENISH GRAY (10Y 7/1);</b> fine to very fine sand, moist (0% gravel, 25% sand, 75% fines).		
-1605	35							Boring completed at a depth of 31.5 feet on 12/16/2014.		35
-1600	40									40
-1595	45									45
-1590	50									50
-1585	55									55
-1580	60									60
-1575	65									65
-1570										

**Sample/ Recovery Key**

-  Hand Auger
-  Sonic Core Recovery
-  Chemical Sample
-  First saturated soil cuttings
-  Split-Spoon Sampler
-  No Recovery
-  Physical Test Sample
-  Equilibrated groundwater (1/26/2015)

Well Construction Details

Blank Casing (feet): From 0 to 10      2" Sch. 40 PVC  
 Screen (feet): From 10 to 30      0.020 Slot 40 PVC  
 Annular Fill (feet): From 0 to 6      Cement/Bentonite Grout Seal  
                                  From 6 to 8      Bentonite Chips  
                                  From 8 to 31      #3 Monterey Sand Pack  
                                  From 31 to 40      Bentonite Chips

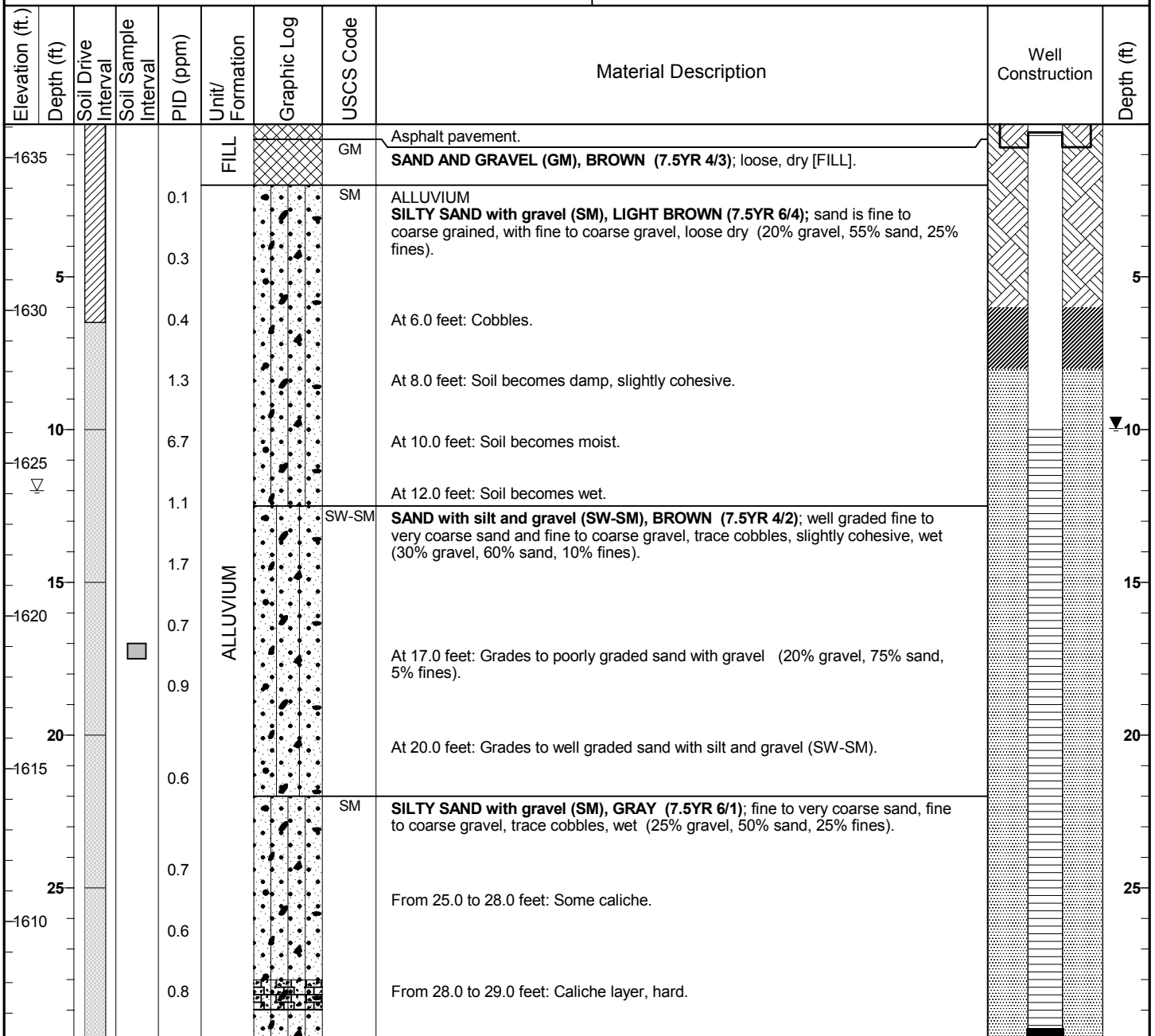
Northing: **26726720.74**

Easting: **827665.99**

Total Depth: **40.0 feet**

Borehole Dia.: **6 inches**

Notes:



Elevation (ft.)	Depth (ft)	Soil Drive Interval	Soil Sample Interval	PID (ppm)	Unit/Formation	Graphic Log	USCS Code	Material Description	Well Construction	Depth (ft)
1605							ML/SM	<b>SILTY SAND (ML/SM), GRAY (7.5YR 6/1);</b> increasing silt with depth.		
	35			0.4	UMCf		ML	UPPER MUDDY CREEK FORMATION AT 33.0 FEET <b>SILT (ML), PINKISH GRAY (7.5YR 7/2);</b> some fine to medium sand, trace gravel and caliche, low plasticity, moist (0% gravel, 20% sand, 80% fines).		35
1600			0.2	MH		<b>SANDY ELASTIC SILT (MH), LIGHT GREENISH GRAY (10Y 7/1);</b> sand is fine grained, some caliche, moist (0% gravel, 35% sand, 65% fines).				
1600			0.1			From 38.0 feet: Color becomes white (N 8/1), calcareous.				
1600	40			0.1						40
1595								Boring completed at a depth of 40.0 feet on 12/15/2014.		
1595										
1590										
1590	45									45
1585										
1585	50									50
1580										
1580	55									55
1575										
1575	60									60
1570										
1570	65									65

**Sample/ Recovery Key**

Hand Auger

Sonic Core Recovery

Chemical Sample

First saturated soil cuttings

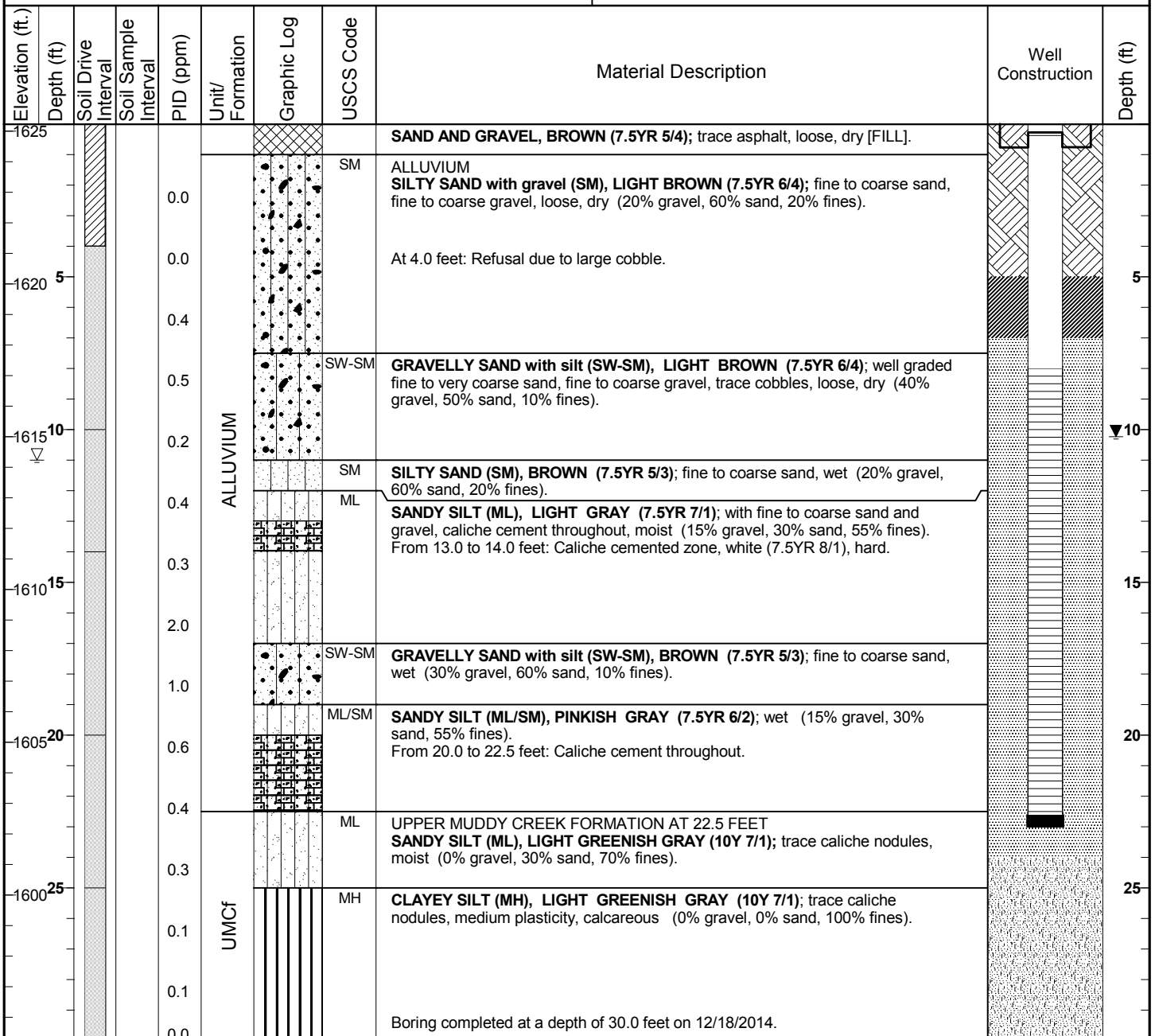
No Recovery

Physical Test Sample

Equilibrated groundwater (1/26/2015)

Well Construction Details

Blank Casing (feet):	From 0 to 8	2" Sch. 40 PVC
Screen (feet):	From 8 to 23	0.020 Slot 40 PVC
Annular Fill (feet):	From 0 to 5	Cement/Bentonite Grout Seal
	From 5 to 7	Bentonite Chips
	From 7 to 24	#3 Monterey Sand Pack
	From 24 to 30	Bentonite Chips/Slough



Sample/ Recovery Key

Hand Auger

Sonic Core Recovery

Chemical Sample

First saturated soil cuttings

No Recovery

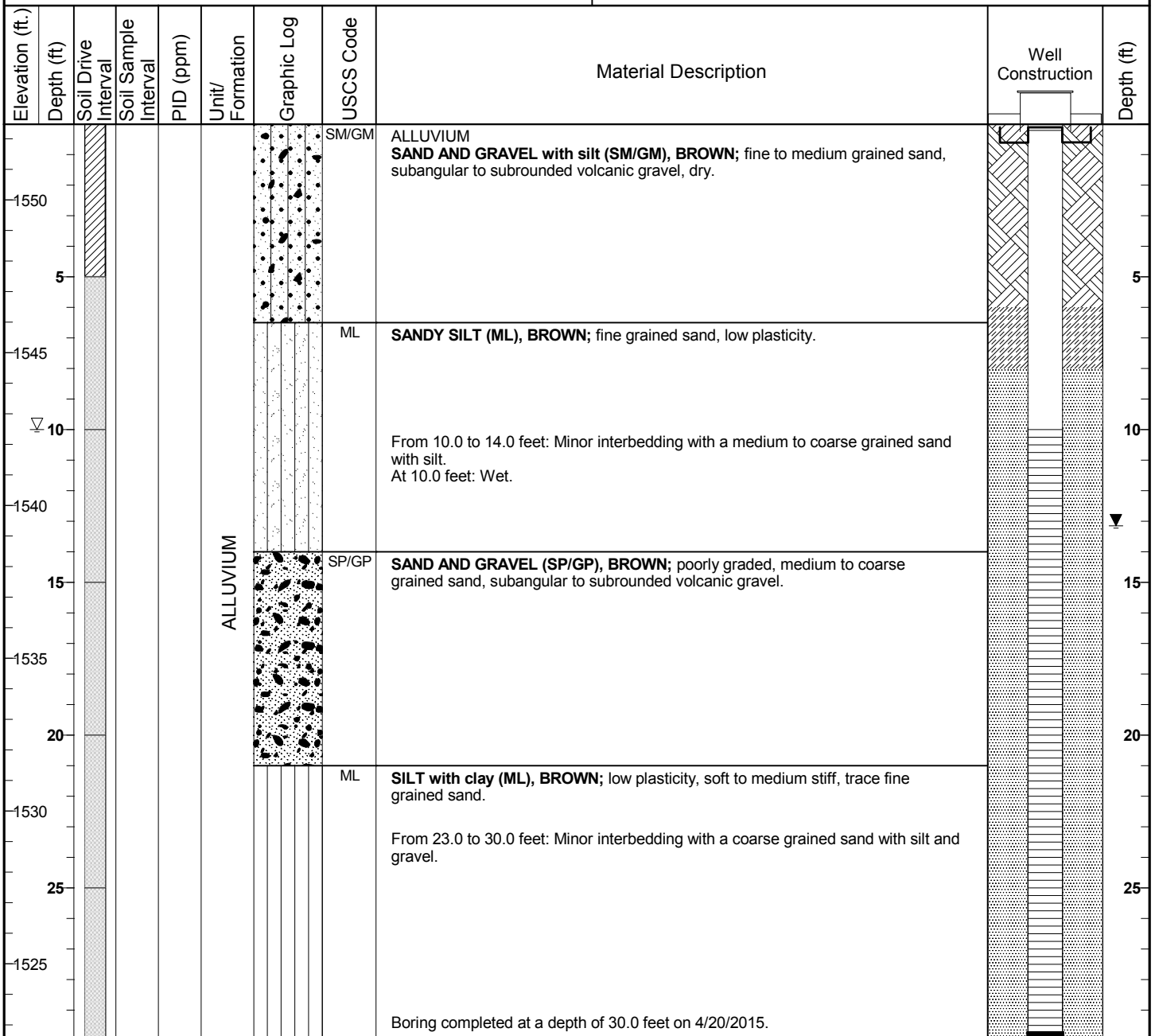
Physical Test Sample

Equilibrated groundwater (1/23/2015)



Well Construction Details

Blank Casing (feet):	From 0.0 ft to 10.0 ft	2" Sch. 40 PVC
Screen (feet):	From 10.0 ft to 30.0 ft	0.020 Slot 40 PVC
Annular Fill (feet):	From 0 to 6	Cement/Bentonite Grout Seal
	From 6 to 8	Bentonite Chips
	From 8 to 30	#3 Monterey Sand Pack



**Sample/ Recovery Key**

Hand Auger

Sonic Core Recovery

Chemical Sample

First saturated soil cuttings

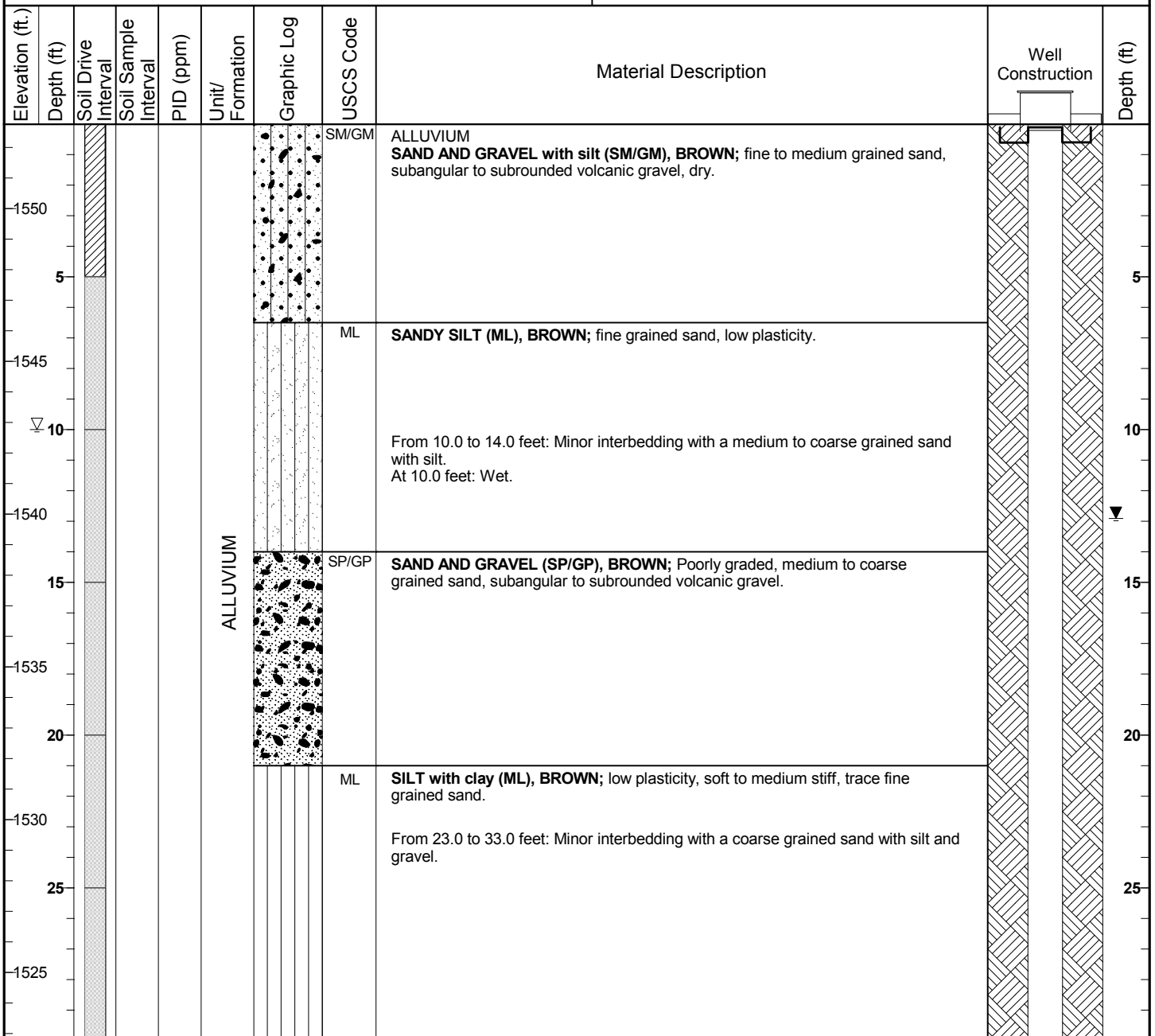
No Recovery

Physical Test Sample

Equilibrated groundwater (5/6/2015)

Well Construction Details

Blank Casing (feet):	From 0.0 ft to 38.0 ft	2" Sch. 40 PVC
Screen (feet):	From 38.0 ft to 48.0 ft	0.020 Slot 40 PVC
Annular Fill (feet):	From 0 to 33	Cement/Bentonite Grout Seal
	From 33 to 36	Bentonite Chips
	From 36 to 48	#3 Monterey Sand Pack
	From 48 to 50	Bentonite Chips



**Sample/ Recovery Key**

Hand Auger

Sonic Core Recovery

Chemical Sample

First saturated soil cuttings

No Recovery

Physical Test Sample

Equilibrated groundwater (5/6/2015)

Elevation (ft.)	Depth (ft)	Soil Drive Interval	Soil Sample Interval	PID (ppm)	Unit/Formation	Graphic Log	USCS Code	Material Description	Well Construction	Depth (ft)
1520	35				ALLUVIUM		ML			35
1515	40						SP/GP	<b>GRAVEL with sand (SP/GP), BROWN;</b> angular to subrounded gravels to 2" with some cobbles up to 5", medium to coarse grained sand, trace silty fines, slightly coarser than the sand and gravel from 14.0 to 21.0 feet.		40
1510	45				UMCf		CL	UPPER MUDDY CREEK FORMATION AT 45.0 FEET <b>SILTY CLAY (CL), GREENISH GREY;</b> low plasticity, firm.		45
1505	50							From 48.0 to 50.0 feet: Gravel lens.		50
1500	55							Boring completed at a depth of 50.0 feet on 4/20/2015.		55
1495	60									60
1490	65									65
1485										

**Sample/ Recovery Key**

Hand Auger

Sonic Core Recovery

Chemical Sample

First saturated soil cuttings

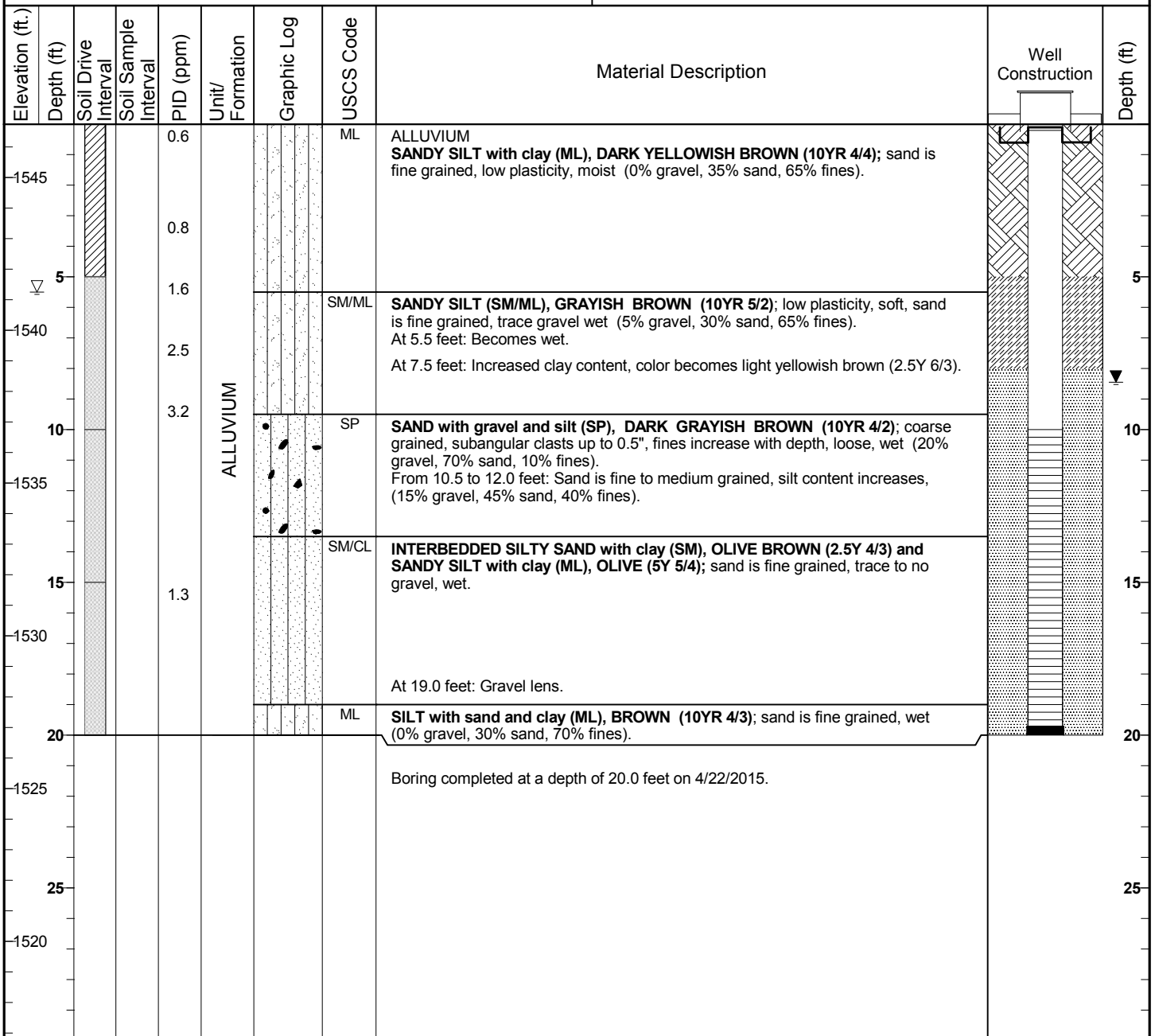
No Recovery

Physical Test Sample

Equilibrated groundwater (5/6/2015)

Well Construction Details

Blank Casing (feet):	From 0.0 ft to 10.0 ft	2" Sch. 40 PVC
Screen (feet):	From 10.0 ft to 20.0 ft	0.020 Slot 40 PVC
Annular Fill (feet):	From 0 to 5	Cement/Bentonite Grout Seal
	From 5 to 8	Bentonite Chips
	From 8 to 20	#3 Monterey Sand Pack



**Sample/ Recovery Key**

Hand Auger

Sonic Core Recovery

Chemical Sample

First saturated soil cuttings

No Recovery

Physical Test Sample

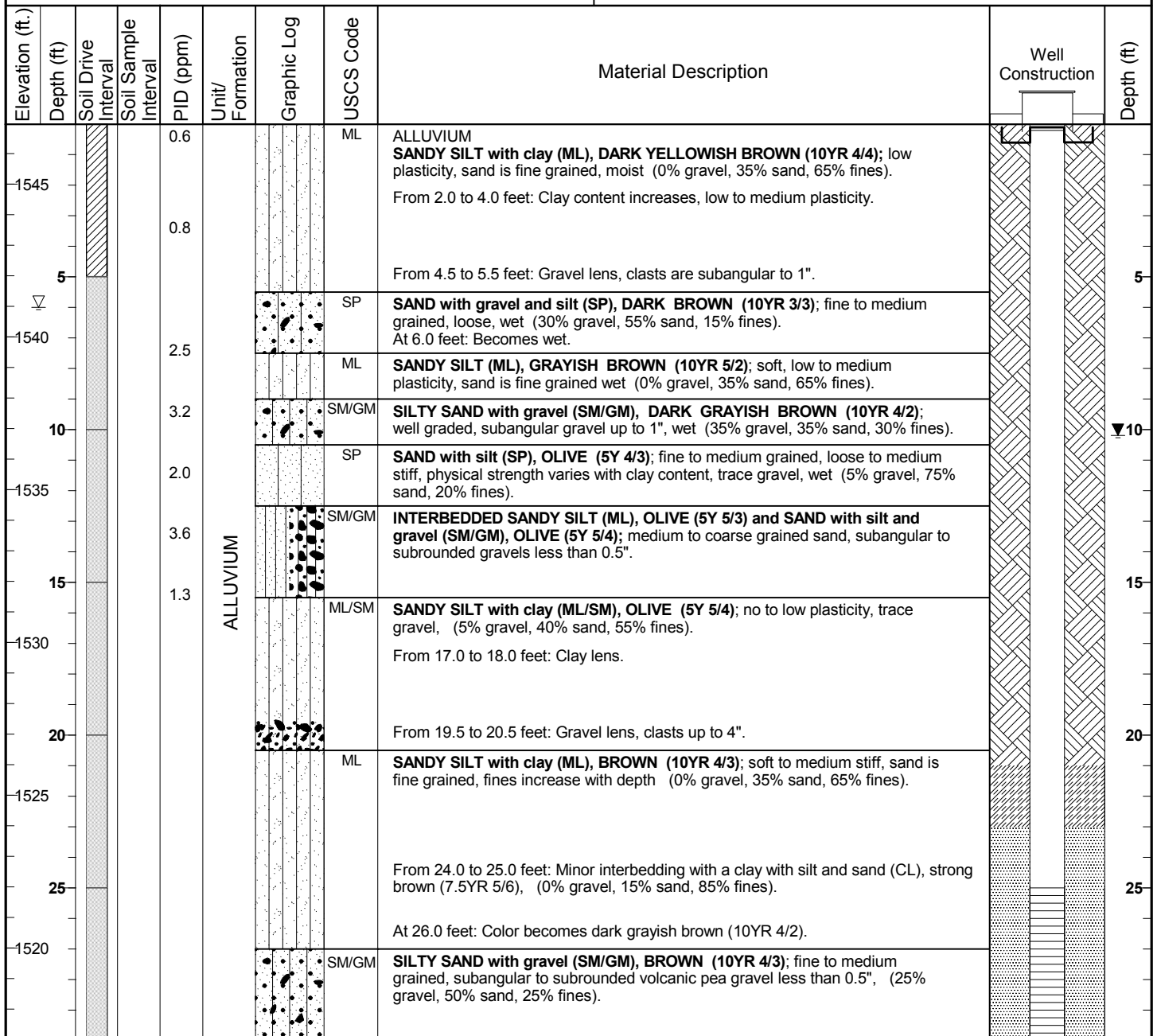
Equilibrated groundwater (5/6/2015)



Well Construction Details

Blank Casing (feet):	From 0.0 ft to 25.0 ft	2" Sch. 40 PVC
Screen (feet):	From 25.0 ft to 45.0 ft	0.020 Slot 40 PVC
Annular Fill (feet):	From 0 to 21	Cement/Bentonite Grout Seal
	From 21 to 23	Bentonite Chips
	From 23 to 45	#3 Monterey Sand Pack
	From 45 to 50	Native Backfill

Notes:  
PC-156B is 10 feet north of PC-156A



**Sample/ Recovery Key**

- Hand Auger
- Sonic Core Recovery
- Chemical Sample
- First saturated soil cuttings
- No Recovery
- Physical Test Sample
- Equilibrated groundwater (5/6/2015)

Elevation (ft.)	Depth (ft)	Soil Drive Interval	Soil Sample Interval	PID (ppm)	Unit/Formation	Graphic Log	USCS Code	Material Description	Well Construction	Depth (ft)
1515	35				ALLUVIUM	SM/GM		At 33.0 feet: Grades with medium to coarse sand.  At 35.0 feet: Color becomes very dark grayish brown (10YR 3/2).		35
1510	40			ML			<b>SANDY SILT (ML), GRAYISH BROWN (10YR 5/2);</b> with streaks of yellowish brown (10YR 5/8), (0% gravel, 40% sand, 60% fines).	40		
1505	45				UMCf	SP/GP		<b>SAND AND GRAVEL with silt (SP/GP), DARK GRAY (2.5YR 4/1);</b> subrounded volcanic clasts 0.25-0.5", (45% gravel, 45% sand, 10% fines).  At 44.0 feet: Gravel lens, subangular volcanics up to 2".		45
1500	50						<b>UPPER MUDDY CREEK FORMATION AT 44.5 FEET SILT with clay, (ML/CL), LIGHT GREENISH GRAY (GLEYS 8/1);</b> low plasticity, stiff, trace fine grained sand (0% gravel, 5% sand, 95% fines).	50		
1495	55							Boring completed at a depth of 50.0 feet on 4/22/2015.		55
1490	60									60
1485	65									65
1480										

5/2/2016

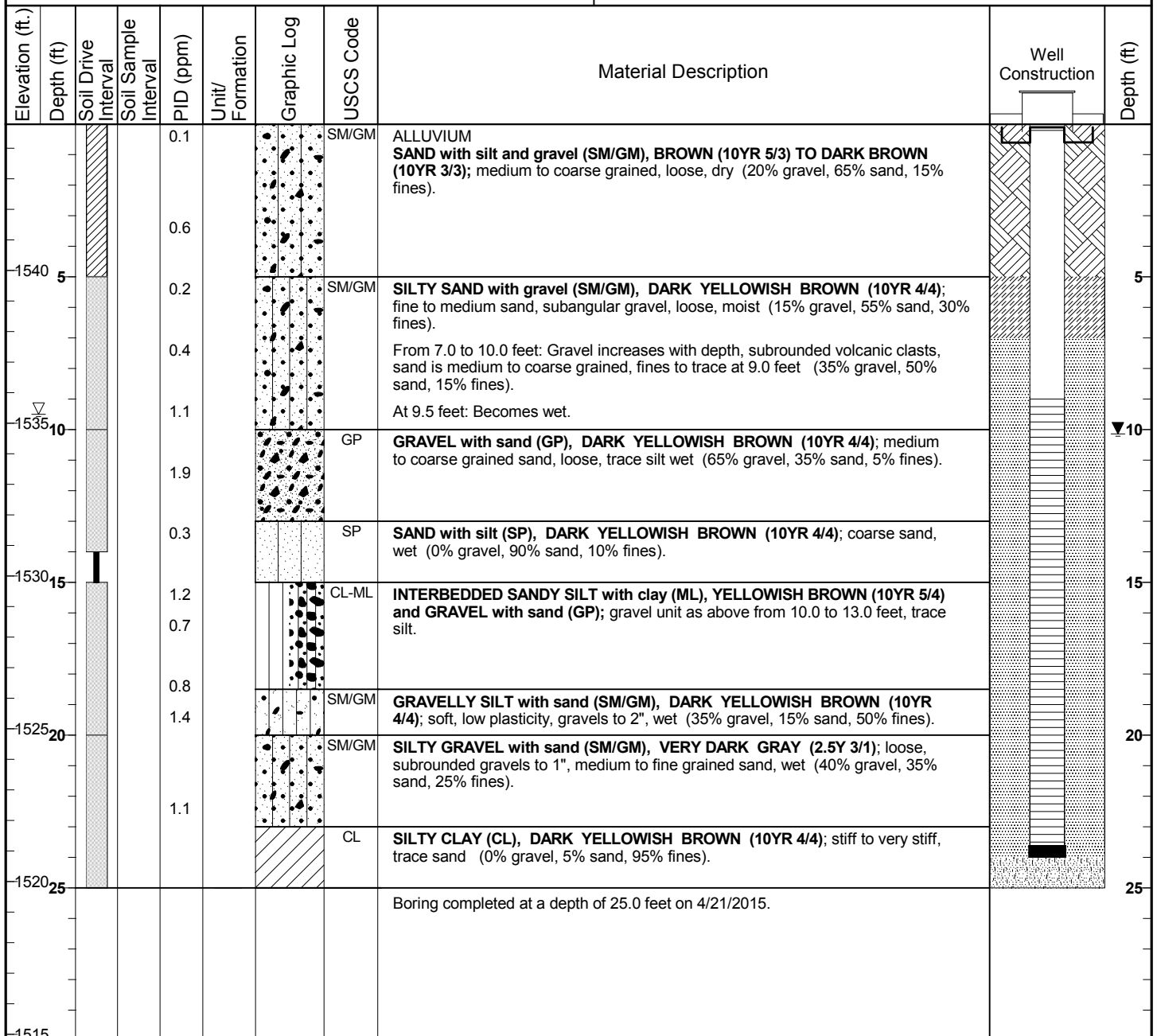
**Sample/ Recovery Key**

- Hand Auger
- Sonic Core Recovery
- Chemical Sample
- First saturated soil cuttings
- No Recovery
- Physical Test Sample
- Equilibrated groundwater (5/6/2015)

Well Construction Details

Blank Casing (feet):	From 0.0 ft to 9.0 ft	2" Sch. 40 PVC
Screen (feet):	From 9.0 ft to 24.0 ft	0.020 Slot 40 PVC
Annular Fill (feet):	From 0 to 5	Cement/Bentonite Grout Seal
	From 5 to 7	Bentonite Chips
	From 7 to 24	#3 Monterey Sand Pack
	From 24 to 25	Native Backfill

Notes:  
PC-157A is 10 feet south of PC-157B

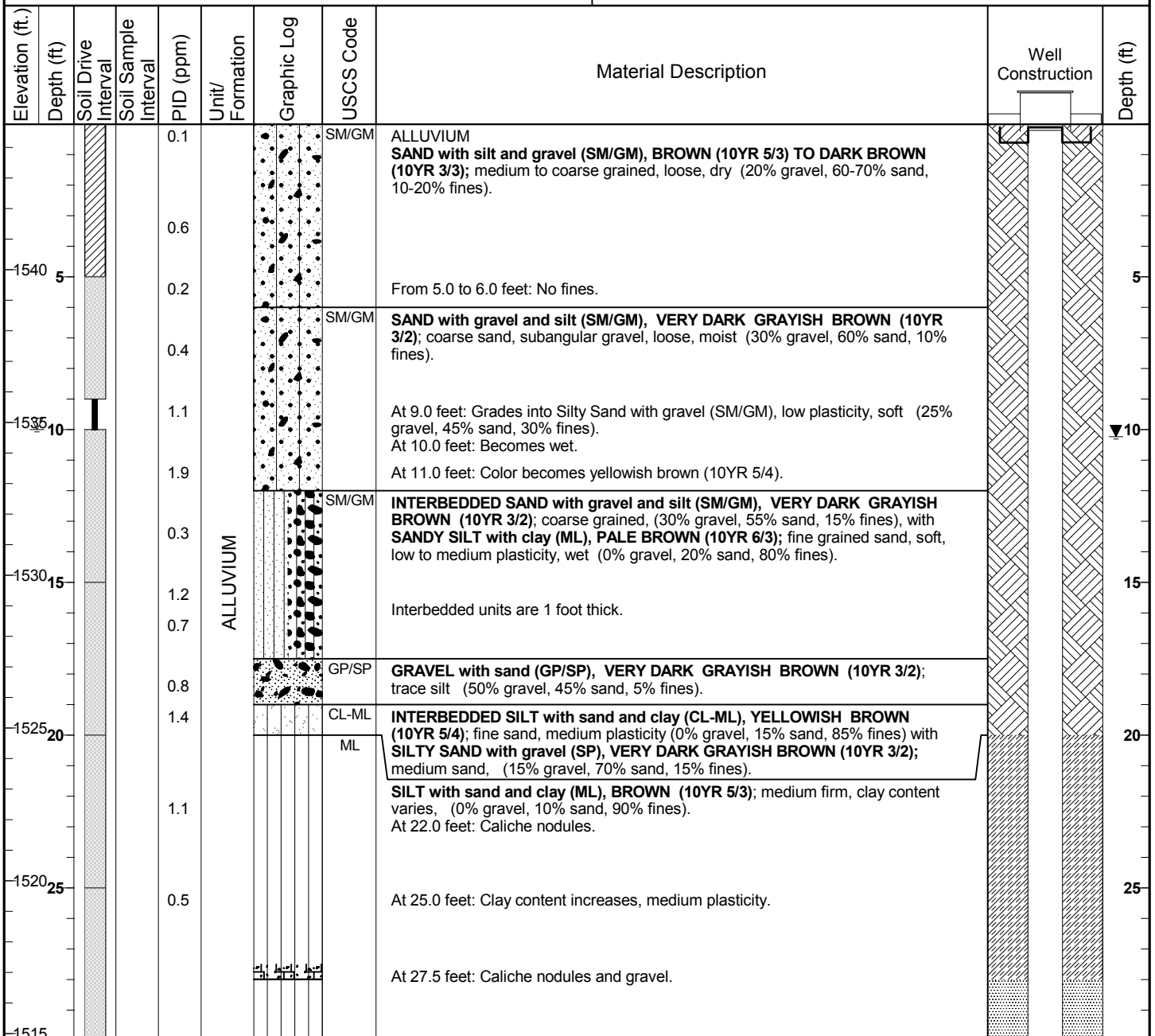


<b>Sample/ Recovery Key</b>		Hand Auger		Sonic Core Recovery		Chemical Sample		First saturated soil cuttings
		No Recovery		Physical Test Sample		Equilibrated groundwater (5/6/2015)		

Well Construction Details

Blank Casing (feet):	From 0.0 ft to 30.0 ft	2" Sch. 40 PVC
Screen (feet):	From 30.0 ft to 40.0 ft	0.020 Slot 40 PVC
Annular Fill (feet):	From 0 to 20	Cement/Bentonite Grout Seal
	From 20 to 28	Bentonite Chips
	From 28 to 45	#3 Monterey Sand Pack
	From 45 to 50	Bentonite Chips

Notes:  
PC-157B is 10 feet south of PC-157A



<b>Sample/ Recovery Key</b>	Hand Auger	Sonic Core Recovery	Chemical Sample	First saturated soil cuttings
	No Recovery	Physical Test Sample	Equilibrated groundwater (5/6/2015)	



Elevation (ft.)	Depth (ft)	Soil Drive Interval	Soil Sample Interval	PID (ppm)	Unit/Formation	Graphic Log	USCS Code	Material Description	Well Construction	Depth (ft)
1510	35				ALLUVIUM		SM/GM	<b>SAND with gravel and silt (SM/GM), VERY DARK BROWN (10YR 2/2); to BLACK (10YR 2/1);</b> coarse grained, subrounded volcanic gravel, (35% gravel, 55% sand, 10% fines). From 31.0 to 31.5 feet: Gravel lens.		35
						SM	<b>SILTY SAND with gravel (SM), VERY DARK GRAYISH BROWN (10YR 3/2);</b> fine to medium grained, fines increase with depth, (10% gravel, 70% sand, 20% fines). At 34.0 feet: No gravel, (0% gravel, 65% sand, 35% fines).	35		
						SM/GM	<b>GRAVELLY SILT with sand (SM/GM), BROWN (10YR 5/3);</b> subangular gravel up to 3", (30% gravel, 15% sand, 55% fines).	35		
						GP-GM	<b>SILTY GRAVEL with sand (GP-GM), BROWN (10YR 5/3);</b> pebble to cobble size clasts, (65% gravel, 10% sand, 25% fines).	35		
1505	40				UMCf		ML	UPPER MUDDY CREEK FORMATION AT 40.0 FEET <b>SILT with clay (ML), LIGHT GREENISH GRAY (GLE1 8/1);</b> with streaks of Pale Olive (5Y 6/3), low plasticity, stiff, trace sand (0% gravel, 5% sand, 95% fines).		40
1500	45							From 46.5 to 48.0 feet: Gravel lens, clasts are mostly subrounded; transitional zone.		45
1495	50							Boring completed at a depth of 50.0 feet on 4/21/2015.		50
1490	55									55
1485	60									60
1480	65									65
1475										

5/2/2016

**Sample/ Recovery Key**

- Hand Auger
- Sonic Core Recovery
- Chemical Sample
- First saturated soil cuttings
- No Recovery
- Physical Test Sample
- Equilibrated groundwater (5/6/2015)

Well Construction Details

Blank Casing (feet): From 0 to 7 2" Sch. 40 PVC  
 Screen (feet): From 7 to 22 0.020 Slot 40 PVC  
 Annular Fill (feet): From 0 to 3 Cement/Bentonite Grout Seal  
 From 3 to 5 Bentonite Chips  
 From 5 to 23 #3 Monterey Sand Pack

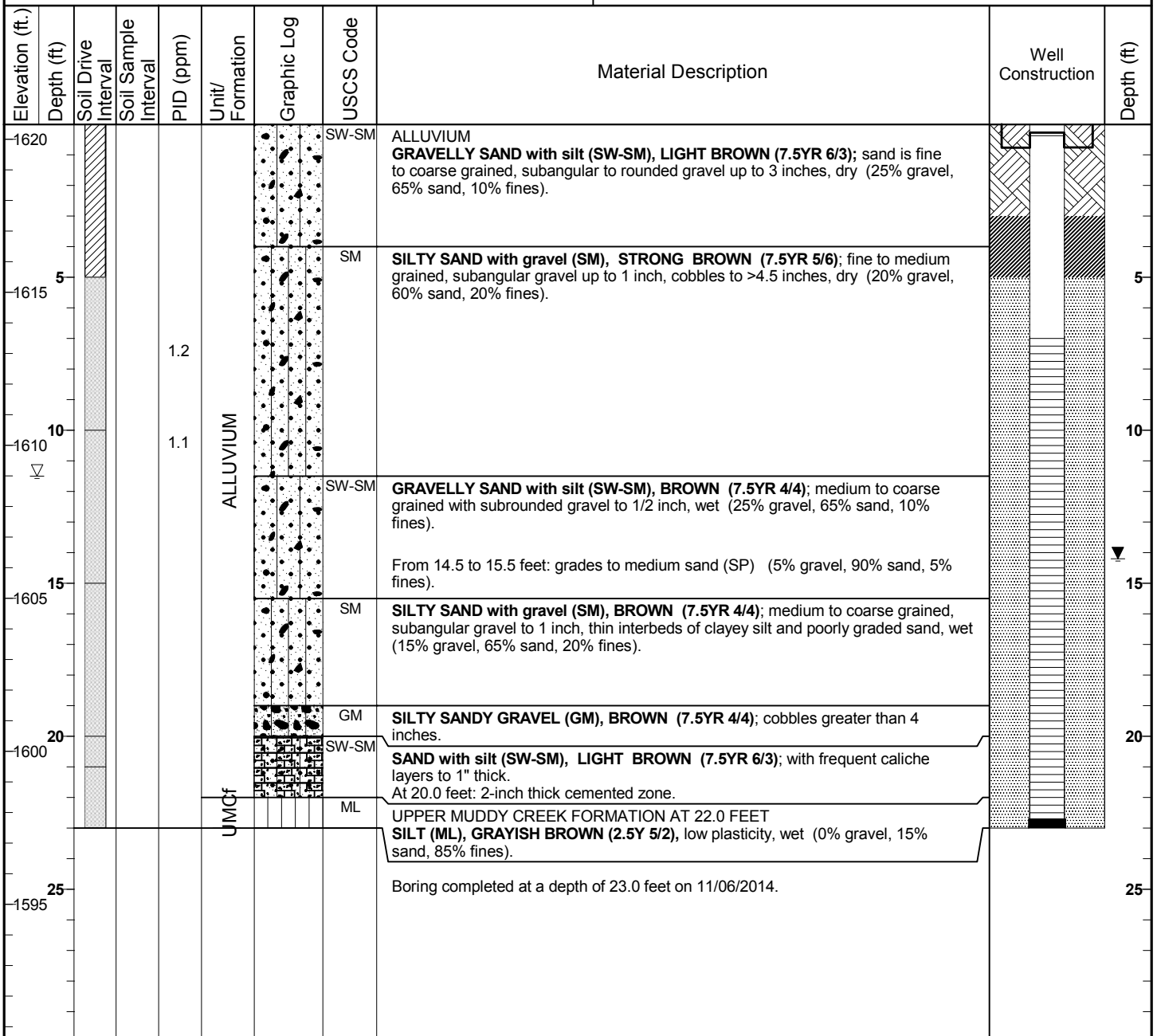
Northing: **26728109.85**

Easting: **827714.18**

Total Depth: **23.0 feet**

Borehole Dia.: **6 inches**

Notes:



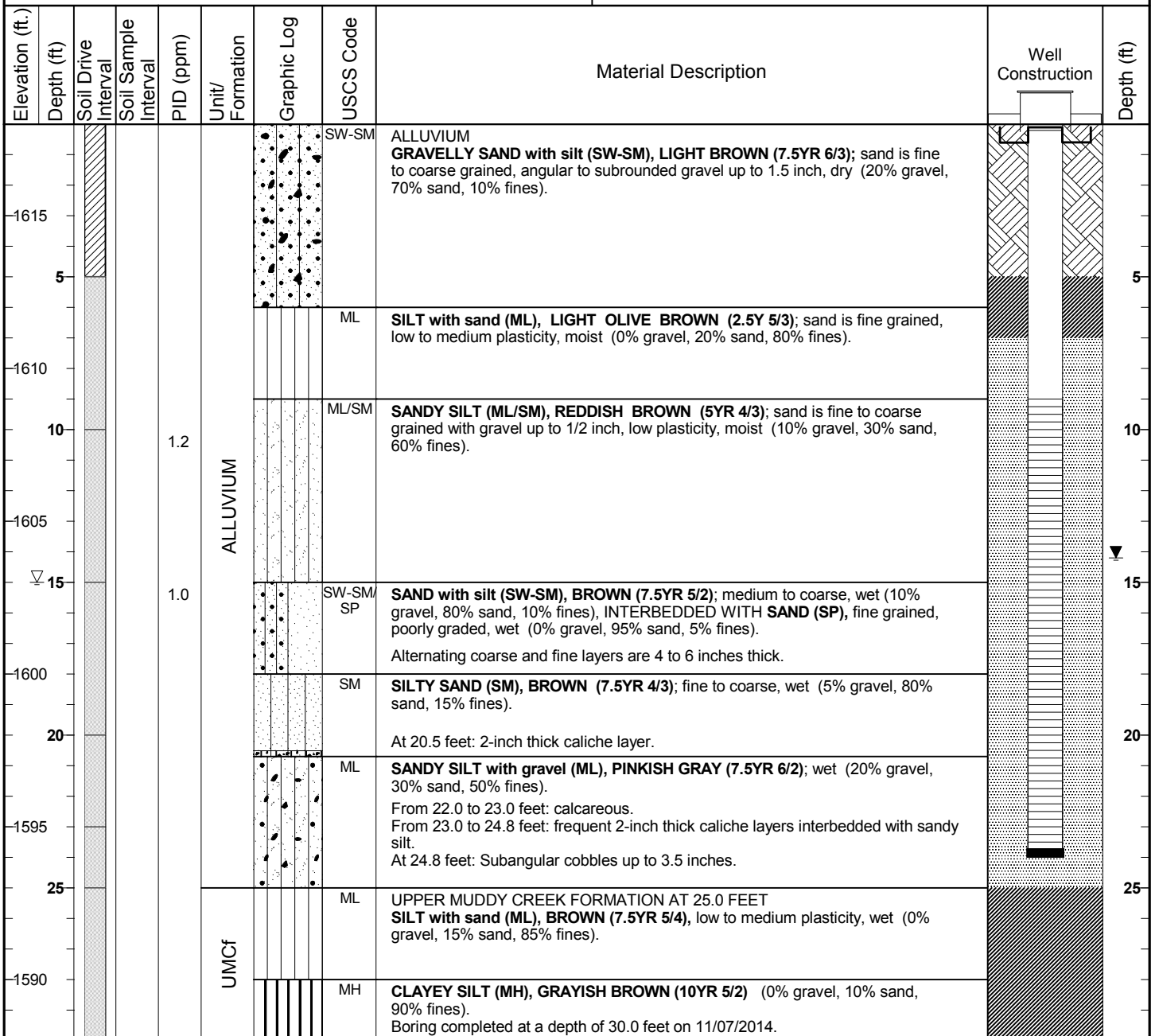
**Sample/ Recovery Key**

Hand Auger	Sonic Core Recovery	Chemical Sample	First saturated soil cuttings
No Recovery	Physical Test Sample	Equilibrated groundwater (1/23/2015)	



Well Construction Details

Blank Casing (feet):	From 0 to 9	2" Sch. 40 PVC
Screen (feet):	From 9 to 24	0.020 Slot 40 PVC
Annular Fill (feet):	From 0 to 5	Cement/Bentonite Grout Seal
	From 5 to 7	Bentonite Chips
	From 7 to 25	#3 Monterey Sand Pack
	From 25 to 30	Bentonite Chips



**Sample/ Recovery Key**

- Hand Auger
- Sonic Core Recovery
- Chemical Sample
- First saturated soil cuttings
- No Recovery
- Physical Test Sample
- Equilibrated groundwater (1/26/2015)



Remarks

1. Soil samples for chemical analyses were collected using a split-spoon sampler advanced ahead of the core barrel.

Elevation (ft.)	Depth (ft)	Soil Drive Interval	Soil Sample Interval	PID (ppm)	Unit/Formation	Graphic Log	USCS Code	Material Description	Depth (ft)
1755	5		■	0.0	ALLUVIUM		GM	ALLUVIUM <b>SILTY GRAVEL with sand (GM), LIGHT BROWN (7.5YR 6/3)</b> ; fine to coarse grained, pea size gravel, well graded, loose dry (40% gravel, 30% sand, 30% fines).	5
1750	10		■	0.0			SM	<b>SILTY SAND with gravel (SM), BROWN (7.5YR 5/4)</b> ; fine to coarse grained, pea size gravel to 2-inch, loose, dry (30% gravel, 40% sand, 30% fines).	10
1745	15		■	0.0			From 15.0 to 20.0 feet: Soils appear to become more calcified.	15	
1740	20		■	1.8			2.4	15	
1735	25		■	1.0			0.1	GM	<b>SILTY GRAVEL with sand (GM), BROWN (7.5YR 4/4)</b> ; fine to coarse grained, pea size gravel, well graded, caliche nodules, loose, dry (40% gravel, 40% sand, 20% fines).
1730			■	0.2	0.7	SM	<b>SILTY SAND with gravel (SM), BROWN (7.5YR 5/4)</b> ; fine to very coarse grained, pea size gravel, poorly sorted, slightly cohesive, moist (30% gravel, 40% sand, 30% fines).		
			■	0.4	0.4			From 27.5 feet: Color becomes light brown (7.5YR 6/3), slightly cohesive to cohesive.	

**Sample/ Recovery Key**

Hand Auger

Sonic Core Recovery

Chemical Sample

First saturated soil cuttings

No Recovery

Physical Test Sample

Elevation (ft.)	Depth (ft)	Soil Drive Interval	Soil Sample Interval	PID (ppm)	Unit/Formation	Graphic Log	USCS Code	Material Description	Depth (ft)
▽			■	0.0	ALLUVIUM		SM	At 31.5 feet: Soil becomes wet.	
1725				0.1			ML	<b>SANDY SILT with gravel (ML), LIGHT BROWN (7.5YR 6/3)</b> ; fine to very coarse grained sand, fine to pea size gravel, well graded, low plasticity, cohesive, wet (15% gravel, 30% sand, 55% fines).	
35				0.2			ML	<b>SANDY SILT (ML), BROWN (7.5YR 5/4)</b> ; fine to medium grained sand, poorly graded, trace caliche nodules, low plasticity, cohesive, wet (0% gravel, 30% sand, 70% fines).	35
1720				0.0					
40				0.0				Boring completed at a depth of 40.0 feet on 12/11/2014.	40
1715									45
1710									50
1705									55
1700									60
1695									65
1690									

**Sample/ Recovery Key**

Hand Auger

Sonic Core Recovery

Chemical Sample

First saturated soil cuttings

No Recovery

Physical Test Sample

**Remarks**

1. Soil samples for chemical analyses were collected using a split-spoon sampler advanced ahead of the core barrel.

Notes:

Elevation (ft.)	Depth (ft)	Soil Drive Interval	Soil Sample Interval	PID (ppm)	Unit/Formation	Graphic Log	USCS Code	Material Description	Depth (ft)	
1750	5		■	0.0	ALLUVIUM		SW	<b>ALLUVIUM GRAVELLY SAND (SW), LIGHT BROWN (7.5YR 6/3)</b> ; well graded fine to coarse grained, gravel angular to subangular to 1.5" (primarily pea gravel), loose, dry (40% gravel, 55% sand, 5% fines).	5	
								SP	<b>POORLY GRADED SAND (SP), REDDISH BROWN (5YR 5/4)</b> ; poorly graded, medium grained, trace silt, loose, dry (10% gravel, 90% sand, 0% fines).	
								SM	<b>SILTY SAND with gravel (SM), BROWN (7.5YR 5/4)</b> ; subangular fine to coarse grained, gravel to 1.5", fines increase with depth, loose, dry (15% gravel, 70% sand, 15% fines).	
1745	10		■	0.3					At 7.5 feet: Soil becomes lightly cemented, pea gravel, sand fine to coarse grained, light brown (7.5YR, 6/4), dry (15% gravel, 55% sand, 30% fines).	10
1740	15		■	0.4					At 13.0 feet: Color becomes brown (7.5YR 5/4). At 13.5 feet: Gravel to 1", fines increase, medium to hard cemented clasts up to 2" present, loose, moist (20% gravel, 45% sand, 35% fines).	15
1735	20		■	4.5			SW	<b>WELL GRADED SAND with gravel (SW), BROWN (7.5YR 4/4)</b> ; fine to coarse grained, gravel to 1/2", loose, moist (20% gravel, 75% sand, 5% fines).	20	
								At 19.0 feet: Decrease in gravel, no silt (10% gravel, 90% sand, 0% fines).		
1730	25		■	1.0			SM	<b>SILTY SAND (SM), BROWN (7.5YR 5/4)</b> ; well graded, angular, fine to coarse grained, soil heterogeneous, dense, wet (5% gravel, 50% sand, 45% fines).	25	
							ML	<b>SANDY SILT with gravel (ML), LIGHT BROWN (7.5YR 6/4)</b> ; low plasticity, very fine grained sand, caliche nodules present to 2", soft, wet (20% gravel, 25% sand, 55% fines).		
								At 27.0 feet: No gravel, decrease in silt, sand becomes poorly graded medium grained, brown (7.5YR 5/2) (0% gravel, 85% sand, 15% fines).		

**Sample/ Recovery Key**

Hand Auger

Sonic Core Recovery

Chemical Sample

First saturated soil cuttings

No Recovery

Physical Test Sample

Elevation (ft.)	Depth (ft)	Soil Drive Interval	Soil Sample Interval	PID (ppm)	Unit/Formation	Graphic Log	USCS Code	Material Description	Depth (ft)
1720	35				ALLUVIUM		ML	<p><b>SANDY SILT (ML), VERY PALE BROWN (10YR 7/4);</b> non-plastic, very fine grained sand, soil partially cemented, medium hard, moist to wet (0% gravel, 30% sand, 70% fines).</p> <p>At 32.0 feet: Soil becomes soft to very soft with low to medium plasticity, sand fine to very fine, wet.</p> <p>At 35.0 feet: Low plasticity, sand becomes very fine.</p>	35
1715	40							Boring completed at a depth of 40.0 feet on 12/15/2014.	40
1710	45								45
1705	50								50
1700	55								55
1695	60								60
1690	65								65

**Sample/ Recovery Key**

Hand Auger

Sonic Core Recovery

Chemical Sample

First saturated soil cuttings

No Recovery

Physical Test Sample



**Remarks**

1. Soil samples for chemical analyses were collected using a split-spoon sampler advanced ahead of the core barrel.

Elevation (ft.)	Depth (ft)	Soil Drive Interval	Soil Sample Interval	PID (ppm)	Unit/Formation	Graphic Log	USCS Code	Material Description	Depth (ft)
1750	5			0.1	ALLUVIUM		SP	FILL Gravel road.	
1750	5			0.1		SW	<b>POORLY GRADED SAND with gravel (SP), LIGHT BROWN (7.5YR 6/4);</b> fine to coarse grained, gravel contains caliche fragments and volcanics to 1.5" with trace gravel to 2.5", dense, dry (15% gravel, 80% sand, 5% fines).		
1745	5			0.1		SM	<b>WELL GRADED SAND with gravel (SW), STRONG BROWN (7.5YR 5/6);</b> fine to coarse grained, gravel subangular to 2", trace fines, loose, dry (15% gravel, 85% sand, 0% fines).		
1740	5			0.1		SM	<b>SILTY SAND with gravel (SM), STRONG BROWN (7.5YR 5/6);</b> poorly graded, fine to coarse grained, gravel to 1", loose, moist (15% gravel, 70% sand, 15% fines). From 6.0 feet: Cementation increases with depth, gravel to 2", brown (7.5YR 5/4) (20% gravel, 65% sand, 15% fines).		
1745	10			0.1				At 9.0 feet: Light to medium cementation, brown (7.5YR 5/3) (15% gravel, 65% sand, 20% fines).	10
1740	15			0.2				From 11.0 feet: Sand becomes more well graded with depth.	15
1735	20			0.3			SW	<b>WELL GRADED SAND with gravel (SW), BROWN (7.5YR 4/4);</b> fine to coarse grained, pea gravel to 1/2", soil loose to partially cemented, moist (15% gravel, 80% sand, 5% fines).	20
1730	25						ML	<b>SANDY SILT with gravel (ML), YELLOWISH BROWN (10YR 5/4) to BROWN (7.5YR 5/4);</b> heterogeneous soil, low plasticity, sand fine to coarse grained, gravel to 3/4", trace caliche and calcium staining present in soil, loose to medium cementation, wet (20% gravel, 30% sand, 50% fines).	25
1725									

**Sample/ Recovery Key**

Hand Auger

Sonic Core Recovery

Chemical Sample

First saturated soil cuttings

No Recovery

Physical Test Sample

Elevation (ft.)	Depth (ft)	Soil Drive Interval	Soil Sample Interval	PID (ppm)	Unit/Formation	Graphic Log	USCS Code	Material Description	Depth (ft)
1720					ALLUVIUM		ML	<b>SANDY SILT (ML), STRONG BROWN (7.5YR 5/6)</b> ; low to medium plasticity, sand very fine grained, very soft to medium soft, caliche nodules up to 20% of sample, wet (10% gravel, 20% sand, 70% fines).	
	35						ML	<b>GRAVELLY SILT with sand (ML), LIGHT BROWN (7.5YR 6/3)</b> ; caliche nodules compose 20% of sample, wet (20% gravel, 15% sand, 65% fines). Boring completed at a depth of 35.0 feet on 12/17/2014.	35
1715	40								40
1710	45								45
1705	50								50
1700	55								55
1695	60								60
1690	65								65
1685									

**Sample/ Recovery Key**

Hand Auger

Sonic Core Recovery

Chemical Sample

First saturated soil cuttings

No Recovery

Physical Test Sample

**Remarks**

1. Soil samples for chemical analyses were collected using a split-spoon sampler advanced ahead of the core barrel.

Notes:

Elevation (ft.)	Depth (ft)	Soil Drive Interval	Soil Sample Interval	PID (ppm)	Unit/Formation	Graphic Log	USCS Code	Material Description	Depth (ft)	
1740	5			6.5	ALLUVIUM		SM	<p>ALLUVIUM</p> <p><b>SILTY SAND with gravel (SM), YELLOWISH BROWN (10YR 5/4)</b>; poorly graded fine to coarse grained, gravel subangular to subrounded to 3/4", loose, dry (15% gravel, 70% sand, 15% fines). At 0.6 feet: Concrete like fragments to 2", increasing with depth, color becomes dark yellowish brown (10YR 4/4). At 1.5 feet: Apparent dark staining on soil, color increases with depth to very dark brown (10YR 2/2), dry. At 2.7 feet: Petroleum like odor.</p>	5	
						SW				
						SM				
						SW-SM			<p><b>WELL GRADED SAND with gravel (SW), LIGHT YELLOWISH BROWN (10YR 6/4)</b>; fine to coarse grained, gravel to 1.5", loose, moist (15% gravel, 80% sand, 5% fines).</p> <p><b>SILTY SAND with gravel (SM), BROWN (10YR 5/3)</b>; poorly graded, fine to coarse grained, gravel to 2", loose, dry to moist (15% gravel, 70% sand, 15% fines).</p>	5
1735						SM			<p><b>CONCRETE</b></p> <p>At 4.5 feet: Concrete like obstruction, hard.</p>	
	10			0.7		SW-SM			<p><b>WELL GRADED SAND with silt (SW-SM), LIGHT BROWN (7.5YR 6/4)</b>; fine to coarse grained, subrounded cementitious gravel to 1", trace cementitious lenses, loose, dry (10% gravel, 80% sand, 10% fines).</p>	10
						SW			<p><b>SILTY SAND with gravel (SM), BROWN (7.5YR 5/4)</b>; soil cementation increases with depth (15% gravel, 70% sand, 15% fines).</p>	
1730	15			0.7		SW			<p><b>WELL GRADED SAND with gravel (SW), BROWN (7.5YR 4/3)</b>; angular to subangular fine to coarse grained, volcanic pea gravel to 1/2", trace fines, loose, dry to moist (15% gravel, 85% sand, 0% fines).</p> <p>At 14.0 feet: Cementation increases with depth; trace volcanic gravel to 2" (15% gravel, 80% sand, 5% fines). At 15.0 feet: Soil becomes moist; color slightly darker.</p>	15
1725	20					SM			<p><b>SILTY SAND with gravel (SM), BROWN (7.5YR 5/4)</b>; poorly graded, fine to coarse grained, gravel contains subangular volcanics to 1/2", soil slightly cohesive, moist (20% gravel, 65% sand, 15% fines). At 18.5 feet: Color becomes brown (7.5YR 5/3), soil becomes wet (20% gravel, 60% sand, 20% fines).</p>	20
						SW			<p><b>WELL GRADED SAND (SW), BROWN (7.5YR 5/2)</b>; fine to coarse grained, pea gravel, silt increases with depth, loose, wet (10% gravel, 85% sand, 5% fines).</p>	
1720	25				SM			<p><b>SILTY SAND (SM), BROWN (7.5YR 5/2)</b>; well graded, fine to coarse grained, cementitious lenses to 1.5" thick present, wet (10% gravel, 75% sand, 15% fines).</p>	25	
1715					ML			<p><b>SANDY SILT (ML), LIGHT BROWN (7.5YR 6/4)</b>; low to medium plasticity, sand very fine grained, trace caliche nodules and gravel to 1", soft to medium soft, wet (5% gravel, 30% sand, 65% fines).</p>		
Boring completed at a depth of 30.0 feet on 12/16/2014.										

**Sample/ Recovery Key**

Hand Auger

Sonic Core Recovery

Chemical Sample

First saturated soil cuttings

No Recovery

Physical Test Sample

**Remarks**

1. Soil samples for chemical analyses were collected using a split-spoon sampler advanced ahead of the core barrel.

Notes:

Elevation (ft.)	Depth (ft)	Soil Drive Interval	Soil Sample Interval	PID (ppm)	Unit/Formation	Graphic Log	USCS Code	Material Description	Depth (ft)
1740	5		0.0 0.0		ALLUVIUM		SP-SM <b>ALLUVIUM POORLY GRADED SAND with silt and gravel (SP-SM), BROWN (7.5YR 5/4);</b> fine to coarse grained, gravel contains volcanics and cementitious clasts to 3/4", trace cobbles to 3.5", medium dense, dry (15% gravel, 75% sand, 10% fines). At 1.5 feet: Color becomes strong brown (7.5YR 5/6).	5	
1735							SM <b>SILTY SAND with gravel (SM), STRONG BROWN (7.5YR 5/6);</b> poorly graded, fine to coarse grained, gravel to 2.5", trace cobbles to 5", loose, dry (15% gravel, 70% sand, 15% fines). At 4.5 feet: Decrease in silt and gravel, brown (7.5YR 5/4) (10% gravel, 75% sand, 15% fines).  At 7.5 feet: Soil becomes lightly cemented, brown (7.5YR 4/4).		
1730	10		0.0				SW-SM <b>WELL GRADED SAND with silt (SW-SM), BROWN (7.5YR 4/4);</b> fine to coarse grained, pea gravel to 1/2", partial to complete soil cementation, moist (10% gravel, 80% sand, 10% fines).	10	
							SM <b>SILTY SAND with gravel (SM), BROWN (7.5YR 5/4);</b> poorly graded, fine to coarse grained, gravel subangular to subrounded to 2", loose, dry (15% gravel, 70% sand, 15% fines).  At 13.5 feet: Soil becomes cemented.		
	15						SW <b>WELL GRADED SAND (SW), BROWN (7.5YR 4/4);</b> fine to coarse grained, pea gravel to 1/2", soil loose with partial light cementation, moist to wet (10% gravel, 85% sand, 5% fines).	15	
							ML <b>SANDY SILT (ML), BROWN (7.5YR 4/4);</b> low plasticity silt, sand fine to coarse grained, grades finer with depth, trace caliche and gravel to 1.2", soft, wet (5% gravel, 45% sand, 50% fines). At 17.0 feet: Heterogeneous mixture of the soil above and well sorted sand. 70% well sorted sand, gray (10YR 6/1), very fine, medium dense, wet and 30% sandy silt as above grading coarser with depth.		
	20						SM ML <b>SILTY SAND (SM), BROWN (7.5YR 4/4);</b> well graded, clay present (5% gravel, 60% sand, 35% fines).  <b>SANDY SILT (ML), BROWN (7.5YR 5/4);</b> low to medium plasticity silt, sand very fine grained, trace caliche to 1", soft to medium soft, wet (0% gravel, 35% sand, 65% fines).  At 19.0 feet: Cemented lens containing well graded sand.	20	
1720	25						ML <b>SANDY SILT (ML), BROWN (7.5YR 5/4);</b> low to medium plasticity silt, sand very fine grained, trace caliche to 1", soft to medium soft, wet (0% gravel, 35% sand, 65% fines).  At 27.5 feet: Lighter brown than above (7.5YR 6/4), medium soft.	25	
1715							Boring completed at a depth of 30.0 feet on 12/18/2014.		

**Sample/ Recovery Key**

Hand Auger

Sonic Core Recovery

Chemical Sample

First saturated soil cuttings

No Recovery

Physical Test Sample



**Remarks**

1. Soil samples for chemical analyses were collected using a split-spoon sampler advanced ahead of the core barrel.

Elevation (ft.)	Depth (ft)	Soil Drive Interval	Soil Sample Interval	PID (ppm)	Unit/Formation	Graphic Log	USCS Code	Material Description	Depth (ft)
1740	5		0.1		ALLUVIUM		SP	<p>ALLUVIUM</p> <p><b>POORLY GRADED SAND with gravel (SP), LIGHT BROWN (7.5YR 6/3);</b> very fine to coarse grained, gravel contains volcanics and cementitious fragments to 1", trace fines, medium dense, dry (15% gravel, 85% sand, 0% fines).</p> <p>At 0.6 feet: Color becomes gray (7.5YR 5/1).</p> <p>At 0.8 feet: Trace cobbles, light brown (7.5YR, 6/4).</p>	5
			0.1				SW	<p><b>WELL GRADED SAND with gravel (SW), LIGHT BROWN (7.5YR 6/4);</b> fine to coarse grained becomes less well graded with depth, gravel contains volcanics and cementitious fragments from 1" to 2", trace fines increasing with depth, loose, dry (20% gravel, 80% sand, 0% fines).</p>	5
1735	10		0.0				SM	<p><b>SILTY SAND with gravel (SM), BROWN (7.5YR 5/4);</b> poorly graded, fine to coarse grained, pea gravel to 1/2", lightly cemented, medium dense, dry (15% gravel, 70% sand, 15% fines).</p> <p>At 11.0 feet: Soil becomes loose, slight decrease in gravel and increase in silt, brown (7.5YR 5/6), moist (10% gravel, 70% sand, 20% fines).</p> <p>At 13.0 feet: Sand well graded fine to coarse grained, gravel subangular to 1.2", trace cobbles to 4.5", soil partially cemented, dry (20% gravel, 65% sand, 15% fines).</p>	10
1730	15		0.0				SW	<p><b>WELL GRADED SAND (SW), STRONG BROWN (7.5YR 4/6);</b> fine to coarse grained, gravel to 1/2", trace fines, loose, moist (10% gravel, 90% sand, 0% fines).</p> <p>At 18.0 feet: Sand angular, soil cemented with medium strength, visible white crystals, brown (7.5YR 5/2), dry.</p> <p>At 19.5 feet: Soil becomes loose, increase in gravel, trace fines, brown (7.5YR 4/3) (15% gravel, 85% sand, 0% fines).</p>	15
1725	20						SP	<p><b>POORLY GRADED SAND (SP), LIGHT GRAY (7.5YR 7/1);</b> poorly graded, angular, fine grained, trace fines, medium dense to loose, wet (0% gravel, 100% sand, 0% fines).</p>	20
							SM	<p><b>SILTY SAND (SM), STRONG BROWN (7.5YR 4/6);</b> well graded and angular (0% gravel, 70% sand, 30% fines).</p>	20
							ML	<p><b>SANDY SILT (ML), STRONG BROWN (7.5YR 5/6);</b> low plasticity silt, sand angular and very fine to coarse grained, grades finer with depth, trace caliche nodules, soft to very soft, wet (0% gravel, 40% sand, 60% fines).</p>	25

**Sample/ Recovery Key**

Hand Auger

Sonic Core Recovery

Chemical Sample

First saturated soil cuttings

No Recovery

Physical Test Sample

Elevation (ft.)	Depth (ft)	Soil Drive Interval	Soil Sample Interval	PID (ppm)	Unit/Formation	Graphic Log	USCS Code	Material Description	Depth (ft)
1710	35				ALLUVIUM		ML	At 30.0 feet: Increased in silt, sand very fine grained, trace caliche nodules, brown (7.5YR 6/3), soft to medium soft, wet (0% gravel, 20% sand, 80% fines).	35
1705	40							Boring completed at a depth of 35.0 feet on 12/16/2014.	40
1700	45						45		
1695	50						50		
1690	55						55		
1685	60						60		
1680	65							65	

**Sample/ Recovery Key**

Hand Auger

Sonic Core Recovery

Chemical Sample

First saturated soil cuttings

No Recovery

Physical Test Sample

Remarks

1. Soil samples for chemical analyses were collected using a split-spoon sampler advanced ahead of the core barrel.

Elevation (ft.)	Depth (ft)	Soil Drive Interval	Soil Sample Interval	PID (ppm)	Unit/Formation	Graphic Log	USCS Code	Material Description	Depth (ft)
1755	5		■		ALLUVIUM		SM	<p>ALLUVIUM  <b>SILTY SAND with gravel (SM), LIGHT BROWN (7.5YR 6/4)</b>; fine to coarse grained, gravel 1/2" to 4", loose, dry (20% gravel, 45% sand, 35% fines).</p> <p>From 5.0 to 7.5 feet: Decrease in gravel size to less than 1/2", color becomes brown (7.5YR 5/4) (15% gravel, 50% sand, 35% fines).</p> <p>From 7.5 to 10.0 feet: Partially calcified fragments.</p> <p>At 10.0 feet: Sand fine to coarse grained, subangular gravel to 1", loose.</p> <p>At 17.5 feet: Gravel size increased to 3", soil is partially calcified, medium hard, light yellowish brown (10YR 6/4), moist (20% gravel, 45% sand, 35% fines).</p>	5
1750	10		■	0.7			10		
1745	15		■	0.6			15		
1740	20		■	0.7			20		
1735	25		■	0.6			SP-SM	<p><b>SAND with silt and gravel (SP-SM), BROWN (7.5YR 4/4)</b>; subangular sand, subangular medium to coarse gravel to 1", loose, moist (20% gravel, 70% sand, 10% fines).</p>	25
1730			■				SM	<p><b>SILTY SAND (SM), STRONG BROWN (7.5YR 5/6)</b>; fine to medium grained, loose, moist (10% gravel, 50% sand, 40% fines).</p> <p>From 27.0 feet: Calcification increases with depth; moisture decreases with depth to 30 feet.</p>	

**Sample/ Recovery Key**

Hand Auger

Sonic Core Recovery

Chemical Sample

First saturated soil cuttings

No Recovery

Physical Test Sample

Elevation (ft.)	Depth (ft)	Soil Drive Interval	Soil Sample Interval	PID (ppm)	Unit/Formation	Graphic Log	USCS Code	Material Description	Depth (ft)
1725	35			0.5	ALLUVIUM		SM ML	<p><b>SILTY SAND with gravel (SM), LIGHT YELLOWISH BROWN (10YR 6/4);</b> fine to coarse grained, subangular to subrounded gravel to 2", dense, hard, contains calcified fragments, dry (15% gravel, 50% sand, 35% fines).</p> <p>Below 30.0 feet: Sand grain sized increases to medium to coarse, gravel size decreases to 1.5", loose to firm, brown (7.5YR 5/3), moist to wet (20% gravel, 55% sand, 25% fines).</p> <p><b>SANDY SILT with gravel (ML), STRONG BROWN (7.5YR 5/6);</b> low plasticity silt, sand fine to coarse grained, subangular gravel to 3", wet (15% gravel, 35% sand, 50% fines).</p> <p>At 36.0 feet: Gravel contains caliche nodules to 2", sand fine to medium grained, silt low to medium plasticity, wet (15% gravel, 30% sand, 55% fines).</p>	35
1720	40							Boring completed at a depth of 39.0 feet on 11/3/2014.	40
1715	45								45
1710	50								50
1705	55								55
1700	60								60
1695	65								65
1690									

**Sample/ Recovery Key**

Hand Auger

Sonic Core Recovery

Chemical Sample

First saturated soil cuttings

No Recovery

Physical Test Sample



Remarks

1. Soil samples for chemical analyses were collected using a split-spoon sampler advanced ahead of the core barrel.

Elevation (ft.)	Depth (ft)	Soil Drive Interval	Soil Sample Interval	PID (ppm)	Unit/Formation	Graphic Log	USCS Code	Material Description	Depth (ft)	
1755	5		■		ALLUVIUM		SM	ALLUVIUM <b>SILTY SAND with gravel (SM), LIGHT BROWN (7.5YR 6/4);</b> fine to coarse grained, gravel 0.5" to 3", loose, dry (30% gravel, 40% sand, 30% fines).	5	
1750	10		■	2.0			At 7.5 feet: Some caliche nodules.			
1745	15		■	2.2			At 10.0 feet: Very hard, caliche increasing throughout.			10
1740	20		■	0.8			From 12.5 to 15.0 feet: Caliche, some sand and gravel from 1" to 4", very hard, broken up and fractured, dry (40% gravel, 50% sand, 10% fines).			15
1735	25		■	1.4			From 15.0 to 18.0 feet: Increase in sand and fines, brown (7.5YR 5/4), sand fine to very coarse grained, loose dry (35% gravel, 45% sand, 20% fines).			20
1730			■	0.7						25
			■	1.0						
			■	0.5						
			■	0.8						
			■	1.6						
			■	0.8			SM	<b>SILTY SAND (SM), LIGHT BROWN (7.5YR 6/3);</b> fine to very coarse, some fine to coarse gravel, very hard, caliche cement throughout, cohesive, (10% gravel, 50% sand, 40% fines).		

**Sample/ Recovery Key**

Hand Auger

Sonic Core Recovery

Chemical Sample

First saturated soil cuttings

No Recovery

Physical Test Sample

Elevation (ft.)	Depth (ft)	Soil Drive Interval	Soil Sample Interval	PID (ppm)	Unit/Formation	Graphic Log	USCS Code	Material Description	Depth (ft)
▽					ALLUVIUM		SM	<b>SILTY SAND with gravel (SM), BROWN (7.5YR 5/4);</b> fine to very coarse grained, cohesive, wet (30% gravel, 40% sand, 30% fines).	
1725							ML	<b>SANDY SILT (ML), BROWN (7.5YR 5/4);</b> fine to medium grained, trace fine gravel, cohesive, moist to wet (5% gravel, 40% sand, 55% fines).	
	35							At 34.0 feet: Coarse grained sand lens, wet.	35
								Boring completed at a depth of 35.19 feet on 10/29/2014.	
1720	40								40
1715	45								45
1710	50								50
1705	55								55
1700	60								60
1695	65								65
1690									

**Sample/ Recovery Key**

Hand Auger

Sonic Core Recovery

Chemical Sample

First saturated soil cuttings

No Recovery

Physical Test Sample

**Remarks**

1. Soil samples for chemical analyses were collected using a split-spoon sampler advanced ahead of the core barrel.

Notes:

Elevation (ft.)	Depth (ft)	Soil Drive Interval	Soil Sample Interval	PID (ppm)	Unit/Formation	Graphic Log	USCS Code	Material Description	Depth (ft)
1755	5				ALLUVIUM		SM	<p>ALLUVIUM  <b>SILTY SAND with gravel (SM), LIGHT REDDISH BROWN (5YR 6/3)</b>; fine to coarse grained, some fine to coarse gravel and caliche nodules, some fines, loose, dry (15% gravel, 60% sand, 25% fines).</p>	5
1750	10			0.8			<p>From 10.0 to 12.0 feet: Increased gravel, some fines, very hard, some caliche nodules, light brown (7.5YR 6/3), loose, dry (30% gravel, 50% sand, 20% fines).</p>	10	
1745	15			0.6			<p>From 13.5 to 15.0 feet: 60% caliche, 15% gravel, 20% sand, 5% fines, hard.</p>	15	
1740	20			0.7			<p>From 13.5 to 15.0 feet: 60% caliche, 15% gravel, 20% sand, 5% fines, hard.</p>	20	
1735	25			0.5			SW-SM	<p><b>WELL GRADED SAND with silt and gravel (SW-SM), BROWN (7.5YR 5/4)</b>; fine to very coarse grained, some caliche nodules, loose, slightly moist (35% gravel, 55% sand, 10% fines).</p>	25
1730	25			1.4			SM	<p><b>SILTY SAND (SM), LIGHT BROWN (7.5YR 6/3)</b>; fine to very coarse grained, some fine gravel, caliche cemented throughout, very hard, cohesive, dry (10% gravel, 60% sand, 30% fines).</p>	25
	25			0.9			ML	<p><b>SANDY SILT (ML), BROWN (7.5YR 5/4)</b>; fine to very coarse grained, cohesive, moist (0%</p>	25

**Sample/ Recovery Key**

Hand Auger

Sonic Core Recovery

Chemical Sample

First saturated soil cuttings

No Recovery

Physical Test Sample

Elevation (ft.)	Depth (ft)	Soil Drive Interval	Soil Sample Interval	PID (ppm)	Unit/Formation	Graphic Log	USCS Code	Material Description	Depth (ft)
▽				0.8	ALLUVIUM		ML	gravel, 40% sand, 60% fines.	
1725			0.1	At 31.0 feet: Soil becomes wet.					
	35		0.1	At 33.0 feet: Soil is moist.					
								Boring completed at a depth of 35.4 feet on 10/28/2014.	
1720									
	40								
1715									
	45								
1710									
	50								
1705									
	55								
1700									
	60								
1695									
	65								
1690									

**Sample/ Recovery Key**

Hand Auger

Sonic Core Recovery

Chemical Sample

First saturated soil cuttings

No Recovery

Physical Test Sample



Remarks

1. Soil samples for chemical analyses were collected using a split-spoon sampler advanced ahead of the core barrel.

Elevation (ft.)	Depth (ft)	Soil Drive Interval	Soil Sample Interval	PID (ppm)	Unit/Formation	Graphic Log	USCS Code	Material Description	Depth (ft)
1755	5				ALLUVIUM		SW-SM	ALLUVIUM <b>WELL GRADED SAND with silt and gravel (SW-SM), LIGHT REDDISH BROWN;</b> fine to coarse grained, gravel fine to coarse grained, some fines, some caliche nodules, loose, dry (15% gravel, 75% sand, 10% fines).	5
1750			2.1					From 6.6 to 8.3 feet: Caliche, pink (5YR 7/3), hard.	
1745	10			1.5			SM	<b>SILTY SAND with gravel (SM), LIGHT REDDISH BROWN (5YR 6/3);</b> fine to coarse grained, gravel pea to 2", loose, dry (20% gravel, 50% sand, 30% fines).	10
			0.8					From 12.8 to 15.0 feet: Caliche, pink (5YR 7/3), hard, dry (45% gravel, 45% sand, 10% fines).	
1740	15			1.0			SW-SM	<b>WELL GRADED SAND with silt and gravel (SW-SM), LIGHT REDDISH BROWN (5YR 6/3);</b> subangular to subrounded, fine to very coarse grained, granite clasts, loose, slightly moist (35% gravel, 55% sand, 10% fines).	15
1735	20			0.8					20
			0.7						
1730	25			0.6		SM	<b>SILTY SAND with gravel (SM), LIGHT REDDISH BROWN (5YR 6/4);</b> fine to coarse grained, subrounded to subangular, some gravel and caliche nodules, slightly cohesive, slightly moist (30% gravel, 35% sand, 35% fines).	25	
			0.8				ML	<b>SANDY SILT (ML), BROWN (7.5YR 5/4);</b> some gravel and caliche cement, cohesive, wet (10% gravel, 40% sand, 50% fines).	

**Sample/ Recovery Key**

Hand Auger

Sonic Core Recovery

Chemical Sample

First saturated soil cuttings

No Recovery

Physical Test Sample

Elevation (ft.)	Depth (ft)	Soil Drive Interval	Soil Sample Interval	PID (ppm)	Unit/Formation	Graphic Log	USCS Code	Material Description	Depth (ft)
1725				0.7	ALLUVIUM		ML		
							SM	<b>SILTY SAND (SM), BROWN (7.5YR 5/4);</b> fine to very coarse grained, trace gravel, slightly cohesive, moist (5% gravel, 60% sand, 35% fines).	
				0.4			ML	<b>SANDY SILT (ML), BROWN (7.5YR 5/4);</b> some gravel and caliche cement, cohesive, wet (10% gravel, 40% sand, 50% fines). At 34.0 feet: Soil become moist.	35
1720								Boring completed at a depth of 36.0 feet on 10/27/2014.	
	35								
	40								
	45								
	50								
	55								
	60								
	65								

**Sample/ Recovery Key**

Hand Auger

Sonic Core Recovery

Chemical Sample

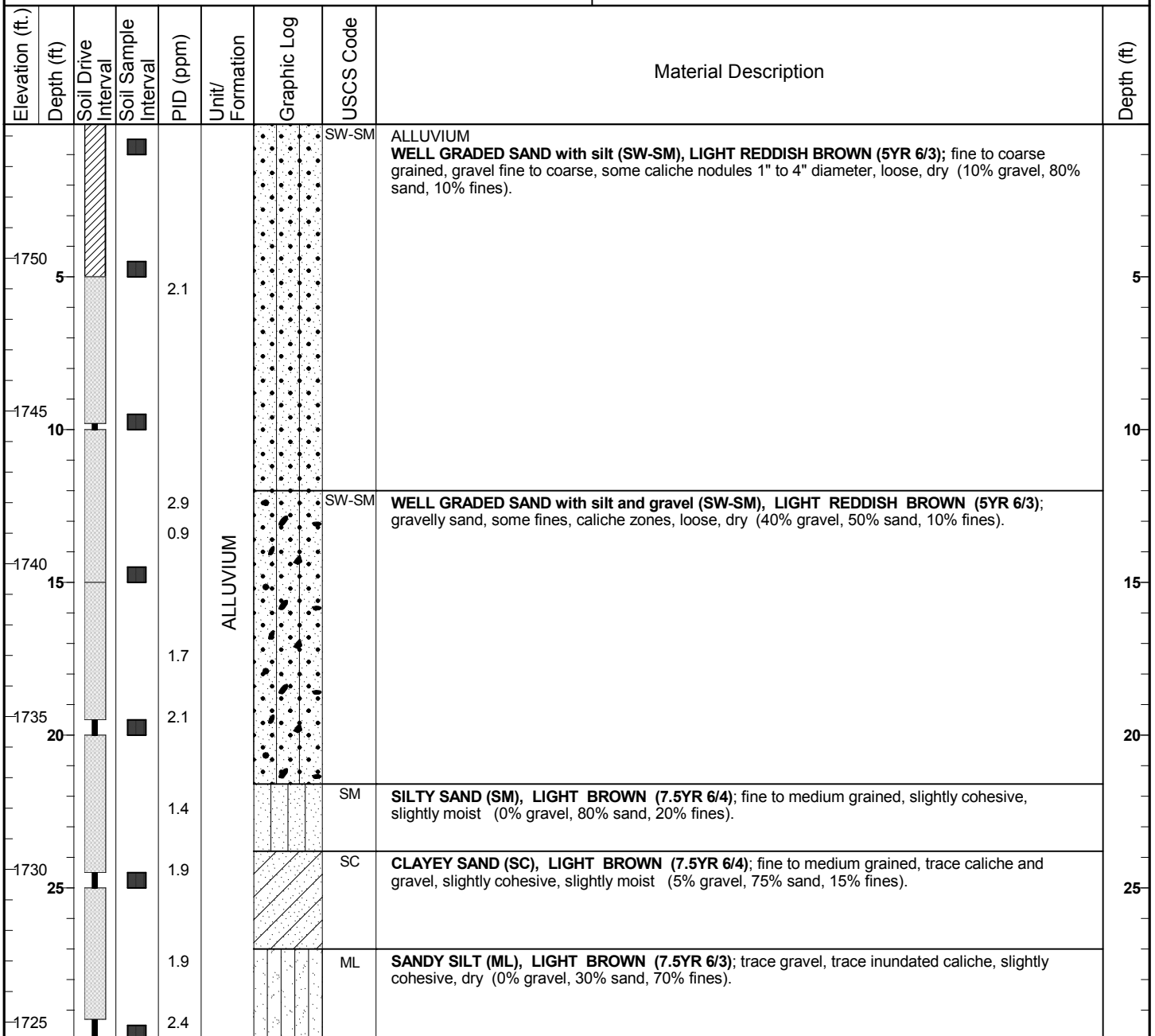
First saturated soil cuttings

No Recovery

Physical Test Sample

**Remarks**

1. Soil samples for chemical analyses were collected using a split-spoon sampler advanced ahead of the core barrel.



**Sample/ Recovery Key**

Hand Auger

Sonic Core Recovery

Chemical Sample

First saturated soil cuttings

No Recovery

Physical Test Sample

Elevation (ft.)	Depth (ft)	Soil Drive Interval	Soil Sample Interval	PID (ppm)	Unit/Formation	Graphic Log	USCS Code	Material Description	Depth (ft)		
1720	35			2.2	UMCf		ML	UPPER MUDDY CREEK FORMATION AT 31.0 FEET <b>CLAYEY SILT with sand (ML), STRONG BROWN (7.5YR5/6)</b> ; some sand, trace inundated caliche, cohesive, slightly moist to moist (5% gravel, 30% sand, 65% fines).  At 35.0 feet: Soil becomes moist to wet.  At 40.0 feet: Soil becomes wet.	35		
				1.2							
1715	40			0.3							40
				0.2							
1710	45			0.1				Boring completed at a depth of 45.0 feet on 10/27/2016.	45		
1705	50								50		
1700	55								55		
1695	60								60		
1690	65								65		
1685											

**Sample/ Recovery Key**

Hand Auger

Sonic Core Recovery

Chemical Sample

First saturated soil cuttings

No Recovery

Physical Test Sample



Remarks

1. Soil samples for chemical analyses were collected using a split-spoon sampler advanced ahead of the core barrel.

Notes:

Elevation (ft.)	Depth (ft)	Soil Drive Interval	Soil Sample Interval	PID (ppm)	Unit/Formation	Graphic Log	USCS Code	Material Description	Depth (ft)	
1750	5		■		ALLUVIUM		SM	ALLUVIUM <b>SILTY SAND with gravel (SM), LIGHT BROWN (7.5YR 6/4)</b> ; fine to coarse grained, gravel 0.5" to 3", loose, dry (30% gravel, 40% sand, 30% fines).  At 5.0 feet: Some caliche nodules.	5	
1745	10		■	0.5						10
1740	15		■	0.8					From 12.2 to 13.0 feet: Caliche zone, gravel 0.5" to 2", hard, fractured. (40% gravel, 40% sand, 20% fines).	15
1735	20		■	0.7					SM <b>SILTY SAND with gravel (SM), LIGHT BROWN (7.5YR 6/4)</b> ; fine to coarse grained, gravel 1" to 4", loose, dry to slightly moist (15% gravel, 55% sand, 20% fines).	20
1730	25		■	0.6			SW-SM <b>WELL GRADED SAND with silt and gravel (SW-SM), BROWN (7.5YR 5/4)</b> ; fine to coarse grained, some fines, loose, dry to slightly moist (35% gravel, 50% sand, 15% fines).	25		
1725			■	0.9			SM <b>SILTY SAND (SM), PINK (7.5YR 7/4)</b> ; fine to medium grained, trace gravel, slightly cohesive, dry (5% gravel, 50% sand, 45% fines). From 25.0 to 27.0 feet: Caliche cement throughout.			

**Sample/ Recovery Key**

Hand Auger

Sonic Core Recovery

Chemical Sample

First saturated soil cuttings

No Recovery

Physical Test Sample

Elevation (ft.)	Depth (ft)	Soil Drive Interval	Soil Sample Interval	PID (ppm)	Unit/Formation	Graphic Log	USCS Code	Material Description	Depth (ft)
▽							SM		
1720	35				UMCf		ML	UPPER MUDDY CREEK FORMATION AT 31.5 FEET <b>SANDY SILT (ML), STRONG BROWN (7.5 YR 5/6)</b> ; trace gravel, cohesive, wet (5% gravel, 35% sand, 60% fines).	35
1715	40							Boring completed at a depth of 40.0 feet on 10/29/2014.	40
1710	45								45
1705	50								50
1700	55								55
1695	60								60
1690	65								65
1685									

**Sample/ Recovery Key**

Hand Auger

Sonic Core Recovery

Chemical Sample

First saturated soil cuttings

No Recovery

Physical Test Sample

Remarks

1. Soil samples for chemical analyses were collected using a split-spoon sampler advanced ahead of the core barrel.

Notes:

Elevation (ft.)	Depth (ft)	Soil Drive Interval	Soil Sample Interval	PID (ppm)	Unit/Formation	Graphic Log	USCS Code	Material Description	Depth (ft)
								Asphalt pavement.	
							SP-SM	<p><b>POORLY GRADED SAND with silt and gravel (SP-SM), BROWN (7.5YR 4/4);</b> fine to coarse grained, gravel subangular composed of caliche fragments and volcanics up to 1.5", loose, dry (20% gravel, 70% sand, 10% fines).</p> <p><b>SILTY SAND with gravel (SM), STRONG BROWN (7.5YR 4/6);</b> fine to medium grained, gravel primarily composed of caliche fragments to 2", loose, dry (20% gravel, 45% sand, 35% fines).</p>	
				0.7			SM		
1750	5							At 6.0 feet: Color becomes yellowish brown (10YR 5/4). At 7.0 feet: Soil becomes dense, partially calcified (15% gravel, 50% sand, 35% fines).	5
1745	10							At 9.0 feet: Soil becomes loose, brown (7.5YR 5/6).	10
1740	15				ALLUVIUM			At 11.5 feet: Gravel contains subangular to subrounded volcanics and caliche fragments to 2", hard, partially calcified, brown, (7.5YR 6/4) (20% gravel, 50% sand, 30% fines). AT 14.0 feet: Soil becomes moist, strong brown (7.5YR 5/6).	15
1735	20							At 19.0 feet: Gravel subangular to subrounded to 2.5", loose with partially cohesive fragments, dark yellowish brown (10YR 4/4), moist (20% gravel, 65% sand, 15% fines).	20
1730	25						SM	<p><b>SILTY SAND (SM), VERY PALE BROWN (10YR 7/4);</b> fine grained, contains calcified fragments, loose, moist (10% gravel, 50% sand, 40% fines).</p> <p><b>SILTY SAND with gravel (SM), LIGHT YELLOWISH BROWN (10YR 6/4);</b> caliche layers present to 1" thick, partially calcified fragments, moist (15% gravel, 60% sand, 25% fines).</p> <p>At 27.5 feet: Caliche layer, partially to fully calcified, hard, contains some loose material, yellowish brown (10YR 6/3), dry.</p> <p>At 29.0 feet: Silty Sand interbedded with caliche layers to 1" thick. Sand fine to coarse grained,</p>	
1725				0.8			SM		

**Sample/ Recovery Key**

Hand Auger

Physical Test Sample

No Recovery

Chemical Sample

Physical Test Sample

First saturated soil cuttings

Elevation (ft.)	Depth (ft)	Soil Drive Interval	Soil Sample Interval	PID (ppm)	Unit/Formation	Graphic Log	USCS Code	Material Description	Depth (ft)
1720	35				UMCf		ML	yellowish brown (10YR 5/4), moist. UPPER MUDDY CREEK FORMATION AT 30.0 FEET <b>SILT with sand (ML), BROWN (7.5YR 5/6)</b> ; silt low to medium plasticity, sand fine grained, trace amounts of clay and caliche nodules, wet (0% gravel, 15% sand, 85% fines).	35
1715	40							Boring completed at a depth of 35.0 feet on 10/31/2014.	40
1710	45						45		
1705	50						50		
1700	55						55		
1695	60						60		
1690	65							65	
1685									

**Sample/Recovery Key**

 Hand Auger

 No Recovery

 Physical Test Sample

 Chemical Sample

 First saturated soil cuttings



**Remarks**

1. Soil samples for chemical analyses were collected using a split-spoon sampler advanced ahead of the core barrel.

Notes:

Elevation (ft.)	Depth (ft)	Soil Drive Interval	Soil Sample Interval	PID (ppm)	Unit/Formation	Graphic Log	USCS Code	Material Description	Depth (ft)	
1750	5			0.4	ALLUVIUM		SM	FILL Asphalt pavement.		
							SM	<b>SILTY SAND (SM), BROWN (7.5YR 5/4); ALLUVIUM NERT SILTY SAND (SM), BROWN (7.5YR 5/4);</b> fine to coarse grained, gravel contains caliche nodules and angular volcanics to 1/2", dry (10% gravel, 70% sand, 20% fines). From 1.0 foot: Moisture increases with depth.	5	
							SM	At 4.0 feet: Layer composed of gravel and caliche. <b>SILTY SAND with gravel (SM), BROWN (7.5YR 5/4);</b> gravel contains caliche fragments and volcanics to 3/4", soil partially cemented, medium strength, dense dry (15% gravel, 50% sand, 35% fines). From 5.5 feet: Sand medium fine, gravel subangular to 1/2" (15% gravel, 65% sand, 20% fines).		
1745	10			0.6			GP SM	<b>GRAVEL (GP),</b> caliche gravel to 1.5" (100% gravel, 0% sand, 0% fines). <b>SILTY SAND with gravel (SM), YELLOWISH BROWN (10YR 5/4);</b> fine to coarse grained, gravel contains caliche fragments to 3/4" dry (15% gravel, 55% sand, 30% fines).	10	
									At 11.5 feet: Caliche layer 2" thick. From 12.5 feet: Soil becomes partially cemented. From 13.0 feet: Sand fine to coarse grained, gravel contains primarily pea gravel and caliche nodules up to 1", yellowish brown (10YR 5/6) (20% gravel, 65% sand, 15% fines).	
1740	15			1.1			SP-SM	<b>SAND with silt and gravel (SP-SM), DARK YELLOWISH BROWN (10YR 4/4);</b> medium to coarse grained, gravel subangular caliche fragments and volcanic caliche nodules to 3/4", loose moist (25% gravel, 65% sand, 10% fines). At 17.5 feet: Caliche lens 1" thick.	15	
1735	20			1.9		SM	<b>SILTY SAND with gravel (SM), BROWN (7.5YR 4/4);</b> fine to coarse grained, gravel subangular to 1/2", dense moist (15% gravel, 60% sand, 25% fines).	20		
1730	25			1.4				At 24.5 feet: Sand becomes fine to medium grained, loose, yellowish brown (10YR 5/4). (15% gravel, 70% sand, 15% fines). From 25.5 feet: Increased gravel and less moisture (20% gravel, 55% sand, 25% fines).	25	
1725								From 29.0 to 30.0 feet: Cliche layer, hard, dry, interbedded with partially calcified sandy silt.		

**Sample/ Recovery Key**

Hand Auger

Sonic Core Recovery

Chemical Sample

First saturated soil cuttings

No Recovery


Physical Test Sample

Elevation (ft.)	Depth (ft)	Soil Drive Interval	Soil Sample Interval	PID (ppm)	Unit/Formation	Graphic Log	USCS Code	Material Description	Depth (ft)
1720	35				UMCf		ML	UPPER MUDDY CREEK FORMATION AT 30.0 FEET <b>SILT (ML), BROWN (7.5YR 5/6)</b> ; silt low to medium plasticity, trace amounts of sand and clay wet (0% gravel, 0% sand, 100% fines).	35
1715	40							Boring completed at a depth of 35.0 feet on 10/29/2016.	40
1710	45						45		
1705	50						50		
1700	55						55		
1695	60						60		
1690	65							65	
1685									

**Sample/Recovery Key**

 Hand Auger

 Sonic Core Recovery

 Chemical Sample

 First saturated soil cuttings

 No Recovery

 Physical Test Sample

Remarks

1. Soil samples for chemical analyses were collected using a split-spoon sampler advanced ahead of the core barrel.

Elevation (ft.)	Depth (ft)	Soil Drive Interval	Soil Sample Interval	PID (ppm)	Unit/Formation	Graphic Log	USCS Code	Material Description	Depth (ft)
							SM	Asphalt surface paving.	
1750	5			0.8	ALLUVIUM		SM	ALLUVIUM <b>SILTY SAND with gravel (SM), REDDISH BROWN (5YR 5/4)</b> ; fine to medium grained, gravel up to 1.5", dry (15% gravel, 55% sand, 30% fines).	5
							SM	At 4.5 feet: Caliche gravel from 1.5" to 2.5". <b>SILTY SAND (SM), BROWN (7.5YR 5/4)</b> ; fine to medium grained, gravel composed of caliche fragments to 1", dry (10% gravel, 60% sand, 30% fines).	
1745	10			1.0			SM	From 8.0 feet: Soil becomes partially cemented, medium hard. From 9.0 feet: Soil becomes loose, moist.	10
1740	15			0.7	ALLUVIUM		SM	<b>SILTY SAND with gravel (SM), YELLOWISH BROWN (10YR 5/4)</b> ; fine to coarse grained, gravel composed of angular volcanics and caliche fragments to 3/4", soil partially cemented, dry (20% gravel, 60% sand, 20% fines). From 12.5 feet: Gravel composed of caliche conglomerates to 2.5", strong brown (7.5YR 5/6)..	15
							SP-SM	At 15.0 feet: Cobbles present to 4". <b>SAND with silt and gravel (SP-SM), BROWN (7.5YR 4/4)</b> ; medium to coarse grained, gravel subangular to rounded, moist (25% gravel, 65% sand, 10% fines).	
1735	20			0.7			SM	<b>SILTY SAND with gravel (SM), BROWN (7.5YR 5/4)</b> ; gravel to 1/2", soil partially cemented, medium hard, dry (20% gravel, 60% sand, 20% fines).	20
							SP-SM	<b>SAND with silt and gravel (SP-SM), BROWN (7.5YR 4/4)</b> ; medium to coarse grained, gravel subangular to rounded, moist (25% gravel, 65% sand, 10% fines). From 21.0 feet: Sand fine to medium grained, gravel subangular to 1/2", loose, yellowish brown (10YR 5/4), dry (20% gravel, 70% sand, 10% fines).	
1730	25						SM	<b>SILTY SAND with gravel (SM), BROWN (7.5YR 5/4)</b> ; fine to coarse grained, gravel subangular to 1/2", dense moist (15% gravel, 65% sand, 20% fines).	25
							SP-SM	<b>SAND with silt and gravel (SP-SM), BROWN (7.5YR 4/4)</b> ; medium to coarse grained, wet (20% gravel, 70% sand, 10% fines).	
							SM	<b>SILTY SAND with gravel (SM), BROWN (7.5YR 5/3)</b> ; silt content increases with depth, moisture decreases with depth.	
1725							ML	At 28.0 feet: Caliche layer 1" thick, contains medium grained sands, hard, dry. UPPER MUDDY CREEK FORMATION AT 29.0 FEET	

Sample/ Recovery Key

Hand Auger

Sonic Core Recovery

Chemical Sample

First saturated soil cuttings


No Recovery

Physical Test Sample


Elevation (ft.)	Depth (ft)	Soil Drive Interval	Soil Sample Interval	PID (ppm)	Unit/Formation	Graphic Log	USCS Code	Material Description	Depth (ft)
1720	35				UMCf		ML	<b>SILT (ML), YELLOWISH BROWN (10YR 5/6);</b> low to medium plasticity, wet (0% gravel, 0% sand, 100% fines).	35
1715	40							Boring completed at a depth of 35.0 feet on 10/29/2014.	40
1710	45						45		
1705	50						50		
1700	55						55		
1695	60						60		
1690	65							65	
1685									

**Sample/ Recovery Key**

 Hand Auger

 Sonic Core Recovery

 Chemical Sample

 First saturated soil cuttings

 No Recovery

 Physical Test Sample



**Remarks**

1. Soil samples for chemical analyses were collected using a split-spoon sampler advanced ahead of the core barrel.

Notes:

Elevation (ft.)	Depth (ft)	Soil Drive Interval	Soil Sample Interval	PID (ppm)	Unit/Formation	Graphic Log	USCS Code	Material Description	Depth (ft)
1750	5		■	0.8	ALLUVIUM		SM	FILL Asphalt pavement.	
1745	10		■	0.5		SM	SILTY SAND with gravel (SM), BROWN (7.5YR 5/4); fine to coarse grained volcanics, gravel subangular to 1/2", loose, moist (15% gravel, 65% sand, 20% fines).  At 4.0 feet: Caliche layer, hard, dry.  At 7.0 feet: Cementitious clasts to 1.5".  At 9.0 feet: Cementitious clast increase to 3", yellowish brown (10YR 5/6).	5	
1740	15		■	0.6		SM	From 13.5 feet: Gravel composed of angular to subangular volcanics and caliche fragments, soil is lightly to moderately cemented, yellowish brown (10YR 5/4), dry (20% gravel, 55% sand, 35% fines).  At 17.0 feet: Caliche layer 4" thick, contains volcanics to 2.5". From 17.3 feet: Gravel composed of angular to subangular volcanics and caliche fragments, soil is lightly to moderately cemented, yellowish brown (10YR 5/4) dry (20% gravel, 55% sand, 35% fines). From 18.5 feet: Soil dense, reddish brown (5YR 4/3), moist (15% gravel, 45% sand, 40% fines).	10	
1735	20		■			SM	From 20.0 feet: Sand medium to coarse, gravel subangular to 3/4", partially cemented, brown (7.5YR 4/4) dry (20% gravel, 60% sand, 20% fines).  From 22.0 feet: Gravel grades smaller with depth, less cemented than above, loose dry (15% gravel, 65% sand, 20% fines).	15	
1730	25		■			SM	SILTY SAND (SM), BROWN (7.5YR 5/4); fine to medium grained, subangular, moist (10% gravel, 75% sand, 15% fines).	20	
							SP	POORLY GRADED SAND (SP), DARK BROWN (10YR 3/3); subangular medium to coarse grained, trace amounts of gravel and silt, wet (0% gravel, 100% sand, 0% fines). At 26.0 feet: Loose sand interbedded with partially calcified lenses containing coarse sand.	25
1725							CL	SANDY CLAY with gravel (CL), YELLOWISH BROWN (10YR 5/4); medium plasticity, sand medium to coarse grained, gravel subrounded to 1/2", clay interbedded with caliche layers from 1" tpo 5" thick containing coarse grained sand that grades larger with depth. (15% gravel, 35% sand, 50% fines).	

Sample/ Recovery Key

Hand Auger

Sonic Core Recovery

Chemical Sample

First saturated soil cuttings

No Recovery

Physical Test Sample

Elevation (ft.)	Depth (ft)	Soil Drive Interval	Soil Sample Interval	PID (ppm)	Unit/Formation	Graphic Log	USCS Code	Material Description	Depth (ft)
1720							SP	At 30.0 feet: Caliche layer 4" thick. <b>POORLY GRADED SAND (SP), BROWN (10YR 4/3)</b> ; coarse grained, subangular, loose, wet (10% gravel, 85% sand, 5% fines).	
35							CL	<b>SANDY CLAY with gravel (CL), BROWN (10YR 5/3)</b> ; hard, partially cemented, contains caliche layers to 1.5" dry (15% gravel, 25% sand, 60% fines). Boring completed at a depth of 35.0 feet on 10/28/2014.	35
1715	40								40
1710	45								45
1705	50								50
1700	55								55
1695	60								60
1690	65								65
1685									

**Sample/ Recovery Key**

Hand Auger

Sonic Core Recovery

Chemical Sample

First saturated soil cuttings

No Recovery

Physical Test Sample

Remarks

1. Soil samples for chemical analyses were collected using a split-spoon sampler advanced ahead of the core barrel.

Notes:

Elevation (ft.)	Depth (ft)	Soil Drive Interval	Soil Sample Interval	PID (ppm)	Unit/Formation	Graphic Log	USCS Code	Material Description	Depth (ft)
1750	5		■	0	ALLUVIUM		SM	<p>ALLUVIUM  <b>SILTY SAND with gravel (SM), REDDISH BROWN (5YR 4/4)</b>; gravel up to 0.25" subangular to rounded with caliche nodules up to 0.25", moist (15% gravel, 50% sand, 35% fines).</p> <p>At 4.0 feet: Caliche nodules up to 2" with medium grained angular volcanic sand.</p>	5
1745	10		■	0			SM	<p><b>SILTY SAND with gravel (SM), REDDISH BROWN (5YR 5/4)</b>; angular to subangular, coarse to fine grained, subangular to angular gravels from 0.25" to 1", subrounded caliche gravel, dry (20% gravel, 40% sand, 40% fines).</p> <p>At 7.0 feet: Silt lens with sand and gravel, reddish brown (5YR 4/3).</p> <p>At 11.0 feet: Gravel is angular volcanics 0.1" to 0.3", red and black color.</p> <p>From 13.5 to 14.5 feet: 12 inches of caliche with silty sand and calcarious veins.</p> <p>At 14.5 feet: Soil becomes damp.</p> <p>At 16.0 feet: Caliche gravel up to 3", subrounded.</p> <p>At 18.0 feet: Volcanic gravel up to 2.5", angular to subangular.</p>	10
1740	15		■	0			SM	<p>At 21.5 feet: Silt lens 1" thick, reddish brown (5YR 5/3).</p> <p><b>SILTY SAND (SM), YELLOWISH BLACK (10YR 5/4)</b>; trace volcanic gravel less than 1" (0% gravel, 60% sand, 40% fines).</p> <p>At 26.0 feet: Soil becomes wet.</p>	15
1735	20		■	0			SM	<p>At 27.0 feet: Soil becomes moist.</p> <p><b>SILT (ML), GRAYISH BROWN (10YR 5/2)</b>; moist (0% gravel, 0% sand, 100% fines).</p>	20
1730	25		■	0			SM	<p><b>SILTY SAND with gravel (SM), BROWN (10YR 5/3)</b>; subangular to subrounded, coarse to fine grained, subangular to subrounded volcanic gravel, wet (40% gravel, 40% sand, 20% fines).</p>	25
1725			■				ML		

<b>Sample/ Recovery Key</b>	Hand Auger	Sonic Core Recovery	Chemical Sample
	No Recovery	Physical Test Sample	

Elevation (ft.)	Depth (ft)	Soil Drive Interval	Soil Sample Interval	PID (ppm)	Unit/Formation	Graphic Log	USCS Code	Material Description	Depth (ft)
1720					UMCf		CH	UPPER MUDDY CREEK FORMATION AT 30.0 FEET <b>SILTY CLAY with sand (CH), BROWN (7.5YR 5/4)</b> ; subangular to subrounded, medium to coarse grained sand, high plasticity (0% gravel, 20% sand, 80% fines).	
	35						CL	<b>SILTY CLAY (CL), BROWN (7.5YR 5/4)</b> ; caliche nodules, medium plasticity, wet (0% gravel, 0% sand, 100% fines).  At 34.0 feet: 3" thick caliche layer.	35
								Boring completed at a depth of 35.0 feet on 10/23/2014.	
1715									
	40								40
1710									
	45								45
1705									
	50								50
1700									
	55								55
1695									
	60								60
1690									
	65								65
1685									

**Sample/Recovery Key**

Hand Auger

Sonic Core Recovery

Chemical Sample

No Recovery

Physical Test Sample



Remarks

1. Soil samples for chemical analyses were collected using a split-spoon sampler advanced ahead of the core barrel.

Elevation (ft.)	Depth (ft)	Soil Drive Interval	Soil Sample Interval	PID (ppm)	Unit/Formation	Graphic Log	USCS Code	Material Description	Depth (ft)
1750	5			0.0	ALLUVIUM		SM	FILL Asphalt pavement.	
1745	5			0.7				At 4.8 feet: Caliche lens 3" thick. At 6.0 feet: Caliche lens.	5
1740	10			0.0		ML		<b>SANDY SILT (ML), BROWN (7.5 YR 5/4)</b> ; sand is medium to coarse grained, angular to subrounded, dry (10% gravel, 35% sand, 55% fines).  From 10.5 feet: Caliche nodules up to 1.5" present.	10
1735	15			0.7		SM		From 14.0 to 15.0 feet: Caliche nodule layer 1' thick containing friable silt nodules with fine white veins. <b>SILTY SAND (SM), BROWN (10YR 5/3)</b> ; (10% gravel, 50% sand, 40% fines).	15
1730	20			0.0			ML	At 16.2 feet: Caliche lens 1" thick. <b>SANDY SILT with gravel (ML), GRAYISH BROWN (10YR 5/2)</b> ; caliche nodules up to 1" present (20% gravel, 30% sand, 50% fines).	
1725	25			1.1			SM	<b>SILTY SAND with gravel (SM), YELLOWISH BROWN (10YR 5/4)</b> ; sand well graded, subangular to rounded, dry (15% gravel, 60% sand, 25% fines).  At 22.5 feet: Dense, hard sandy silt layer.  From 24.0 feet: Color becomes brown (10YR 4/3), moist (10% gravel, 55% sand, 35% fines).  From 26.5 feet: Gravel up to 1", dense, moist (15% gravel, 45% sand, 40% fines).  At 28.5 feet: Caliche layer, very pale brown (10YR 7/3)..	25

**Sample/ Recovery Key**

Hand Auger

Sonic Core Recovery

Chemical Sample

First saturated soil cuttings

No Recovery

Physical Test Sample

Elevation (ft.)	Depth (ft)	Soil Drive Interval	Soil Sample Interval	PID (ppm)	Unit/Formation	Graphic Log	USCS Code	Material Description	Depth (ft)
1720			■	0.7			SP-SM	<b>SAND with gravel and silt (SP-SM), BROWN (10YR 3/3);</b> volcanic gravel, subangular to subrounded, wet.  At 32.5 feet: Caliche layer approximately 1' thick.	
1715	35				UMCf		ML	<b>UPPER MUDDY CREEK FORMATION AT 34.8 FEET SILT with sand (ML), BROWN (7.5YR 4/6);</b> medium to high plasticity, sand fine to very fine grained, caliche nodules to 1", wet (0% gravel, 10% sand, 90% fines).	35
1710	40							Boring completed at a depth of 40.0 feet on 10/24/2014.	40
1705	45								45
1700	50								50
1695	55								55
1690	60								60
1685	65								65

**Sample/ Recovery Key**

Hand Auger

Sonic Core Recovery

Chemical Sample

First saturated soil cuttings

No Recovery

Physical Test Sample

Remarks

1. Soil samples for chemical analyses were collected using a split-spoon sampler advanced ahead of the core barrel.

Elevation (ft.)	Depth (ft)	Soil Drive Interval	Soil Sample Interval	PID (ppm)	Unit/Formation	Graphic Log	USCS Code	Material Description	Depth (ft)
1750	5			0.0			SM	FILL Asphalt and gravel.	5
1745	10			0.4	ALLUVIUM		SM	ALLUVIUM <b>SILTY SAND (SM), REDDISH BROWN (5YR 5/4)</b> ; fine grained, angular to subangular gravel to 1", dry (10% gravel, 50% sand, 40% fines).  At 3.5 feet: Caliche nodules present 0.5" to 2.0" in diameter.  From 8.5 to 9.0 feet: Soil contains caliche nodules, lightly cemented (15% gravel, 50% sand, 35% fines).	10
1740	15			0.4	ALLUVIUM		SM	<b>SILTY SAND with gravel (SM), LIGHT REDDISH BROWN (5YR 6/3)</b> ; gravel composed of subangular caliche, loose, dry (20% gravel, 40% sand, 40% fines).  At 13.0 feet: Subangular to subrounded gravel to 2", loose, moist (20% gravel, 50% sand, 30% fines).  At 16.0 feet: Weak to moderate cemented clasts consisting of subangular, fine to coarse sand and silt, with thin silt laminations.  From 18.5 to 21.0 feet: Sand grades to medium to coarse with depth (15% gravel, 55% sand, 30% fines).  At 21.0 feet: Angular to subangular volcanic gravel 1/4" to 1" in diameter, grades more coarse with depth, color becomes brown (10YR 5/3) (20% gravel, 50% sand, 30% fines).	15
1735	20			0.3			ML	<b>SILT with gravel (ML), REDDISH BROWN (5YR 5/3)</b> ; gravel composed of caliche nodules, medium plasticity, moist.  At 26.0 feet: Wet.	20
1730	25			0.5			ML	UPPER MUDDY CREEK FORMATION AT 26.5 FEET <b>SILT with clay (ML)</b> ; soil contains white veins, low plasticity, moist.  At 27.0 feet: No white veins, high plasticity, wet.	25
1725					UMCf		ML	<b>SILT (ML), REDDISH BROWN (5YR 5/5)</b> ; low plasticity, wet.	

**Sample/ Recovery Key**

Hand Auger

Sonic Core Recovery

Chemical Sample

First saturated soil cuttings


No Recovery

Physical Test Sample


Elevation (ft.)	Depth (ft)	Soil Drive Interval	Soil Sample Interval	PID (ppm)	Unit/Formation	Graphic Log	USCS Code	Material Description	Depth (ft)
1720					UMCf		ML		
	35							Boring completed at a depth of 34.0 feet on 10/24/2014.	35
1715									
40									40
1710									
45									45
1705									
50									50
1700									
55									55
1695									
60									60
1690									
65									65
1685									

**Sample/Recovery Key**


 Hand Auger

 Sonic Core Recovery

 Chemical Sample

 First saturated soil cuttings

 No Recovery

 Physical Test Sample

**Remarks**

1. Soil samples for chemical analyses were collected using a split-spoon sampler advanced ahead of the core barrel.

Notes:

Elevation (ft.)	Depth (ft)	Soil Drive Interval	Soil Sample Interval	PID (ppm)	Unit/Formation	Graphic Log	USCS Code	Material Description	Depth (ft)
1750	5			0.5	ALLUVIUM		SM	<p>ALLUVIUM  <b>SILTY SAND with gravel (SM), BROWN (7.5 YR 4/3)</b>; fine to coarse grained, some angular to subangular volcanic gravel, loose, dry (10% gravel, 50% sand, 30% fines).</p> <p>At 3.0 feet: Color becomes lighter brown (10YR 5/3).                      At 3.8 feet: Caliche layer containing volcanic gravel; approximately 1" thick.</p>	5
1745	10			0.4			SM	<p><b>SILTY SAND with gravel (SM), YELLOWISH BROWN (10YR 5/4)</b>; soil is interbedded with caliche layers to 1" thick (15% gravel, 50% sand, 35% fines).</p> <p>At 8.5 feet: Color becomes strong brown (7.5YR 5/6).                      At 13.0 feet: Caliche layer 2" thick, dark reddish brown (2.5YR 3/4).                      From 14.5 feet: Sand contains subangular volcanics, yellowish brown (10YR 5/4) (20% gravel, 45% sand, 35% fines).                      At 15.0 feet: Sand composed of fine to coarse grains.                      At 15.5 feet: Gravelly caliche layer, 6" thick.                      At 18.5 feet: Caliche layer, light brown, 2" thick.                      At 19.0 feet: Sand is medium to coarse grained, gravel to 3/4", moist (15% gravel, 65% sand, 20% fines).                      At 23.0 feet: Partially cemented layer, approximately 6" thick.</p>	10
1740	15			1.8	UMCf		ML	<p>At 25.5 feet: Sand contains volcanics and caliche fragments, gravel subangular to subrounded (20% gravel, 35% sand, 45% fines).                      At 26.5 feet: Soil becomes partially cemented.                      At 27.0 feet: Cemented silty sandy layer, approximately 1" thick.</p> <p>UPPER MUDDY CREEK FORMATION AT 27.5 FEET  <b>SILT (ML), YELLOWISH BROWN (10YR 5/6)</b>; low to medium plasticity, trace amounts of sand and clay, wet (0% gravel, 0% sand, 100% fines).</p>	15
1735	20								20
1730	25								25
1725									

**Sample/ Recovery Key**

Hand Auger

Sonic Core Recovery

Chemical Sample

First saturated soil cuttings

No Recovery


Physical Test Sample




Elevation (ft.)	Depth (ft)	Soil Drive Interval	Soil Sample Interval	PID (ppm)	Unit/Formation	Graphic Log	USCS Code	Material Description	Depth (ft)
1720					UMCf		ML		
	35							Boring completed at a depth of 33.0 feet on 10/27/2014.	35
1715									
	40								40
1710									
	45								45
1705									
	50								50
1700									
	55								55
1695									
	60								60
1690									
	65								65
1685									

**Sample/ Recovery Key**

 Hand Auger

 Sonic Core Recovery

 Chemical Sample

 First saturated soil cuttings

 No Recovery

 Physical Test Sample

Remarks

1. Soil samples for chemical analyses were collected using a split-spoon sampler advanced ahead of the core barrel.

Elevation (ft.)	Depth (ft)	Soil Drive Interval	Soil Sample Interval	PID (ppm)	Unit/Formation	Graphic Log	USCS Code	Material Description	Depth (ft)
1750			■		ALLUVIUM		SM	<p>ALLUVIUM  <b>SILTY SAND with gravel (SM), LIGHT BROWN (7.5YR 6/4)</b>; fine to coarse grained, gravel up to 1/2", loose, dry (15% gravel, 65% sand, 20% fines).</p> <p>At 2.5 feet: Gravel is subangular to subrounded.</p> <p>At 4.0 feet: Caliche layer, contains volcanic gravel, hard.</p> <p>At 5.5 feet: Soil contains caliche nodules to 2".</p>	5
1745	5		■	0.4			SM	<p><b>SILTY SAND (SM), YELLOWISH BROWN (10YR 5/6)</b>; dry (10% gravel, 55% sand, 35% fines).</p> <p>At 9.0 feet: Caliche layer, 3" thick, contains clasts of partially cemented soil.</p> <p>At 11 feet: Caliche layer, 1" thick.</p>	10
1740	10		■	0.6			SM	<p><b>SILTY SAND with gravel (SM), YELLOWISH BROWN (10YR 5/6)</b>; moist (15% gravel, 65% sand, 20% fines).</p> <p>At 14.5 feet: Trace volcanic cobbles to 4".</p> <p>At 15.5 feet: Soil becomes partially cemented, medium hard.</p>	15
1735	15		■	0.3			SM	<p>From 18 feet: Sand grades more coarsely with depth, gravel subangular to rounded, loose, dark yellowish brown (10YR 4/6). (20% gravel, 60% sand, 20% fines).</p>	20
1730	20		■	0.8			SP	<p><b>POORLY GRADED SAND with gravel (SP), LIGHT YELLOWISH BROWN (10YR 6/4)</b>; fine grained, gravel to 1/2", layer approximately 1' thick just above fringe, moist (10% gravel, 85% sand, 5% fines).</p>	25
1725	25		■	0.5			SP-SM	<p><b>POORLY GRADED SAND with silt and gravel (SP-SM), STRONG BROWN (7.5YR 4/6)</b>; medium to coarse grained, gravel to 3/4", loose wet (20% gravel, 70% sand, 10% fines).</p>	
							CL	<p><b>GRAVELLY LEAN CLAY with sand (CL), BROWN (7.5YR 5/4)</b>; interbedded clay and caliche layers and nodules, caliche contains coarse sand, clay low to medium plasticity wet (30% gravel, 20% sand, 50% fines).</p>	

**Sample/ Recovery Key**

Hand Auger

Sonic Core Recovery

Chemical Sample

First saturated soil cuttings

No Recovery

Physical Test Sample

Elevation (ft.)	Depth (ft)	Soil Drive Interval	Soil Sample Interval	PID (ppm)	Unit/Formation	Graphic Log	USCS Code	Material Description	Depth (ft)
1720							CL		
	35							Boring completed at a depth of 34.0 feet on 10/27/2014.	35
1715									
	40								40
1710									
	45								45
1705									
	50								50
1700									
	55								55
1695									
	60								60
1690									
	65								65
1685									

**Sample/ Recovery Key**

Hand Auger

Sonic Core Recovery

Chemical Sample

First saturated soil cuttings

No Recovery

Physical Test Sample

**Remarks**

1. Soil samples for chemical analyses were collected using a split-spoon sampler advanced ahead of the core barrel.

Elevation (ft.)	Depth (ft)	Soil Drive Interval	Soil Sample Interval	PID (ppm)	Unit/Formation	Graphic Log	USCS Code	Material Description	Depth (ft)	
1770			■		ALLUVIUM		SP	ALLUVIUM <b>SAND with gravel (SP), LIGHT BROWN (7.5YR 6/3)</b> ; poorly graded, fine to coarse grained, gravel contains volcanics and caliche fragments to 1.5", trace volcanic cobbles to 3", medium dense, dry (30% gravel, 65% sand, 5% fines).		
	5		■	2.2			SP-SM	<b>SAND with silt and gravel (SP-SM), STRONG BROWN (7.5YR 5/6)</b> ; fine to coarse grained, gravel subangular volcanics and caliche fragments, loose, dry to moist (20% gravel, 70% sand, 10% fines).	5	
1765			■	2.5			SM	<b>SILTY SAND with gravel (SM), STRONG BROWN (7.5YR 5/6)</b> ; fine to coarse grained, angular volcanics to 1.5", loose, dry to moist (15% gravel, 65% sand, 20% fines).  At 8.0 feet: Partially cemented lens, 1" thick, weak, dry.  From 10.0 feet: Trace volcanic cobbles to 4".	10	
1760			■	3.4					From 15.0 feet: Soil becomes partially cemented, gravel to 1/2", medium dense, brown (7.5YR 5/4), dry (15% gravel, 60% sand, 25% fines).	15
1755			■	2.4					From 18.0 feet: Sand fine to coarse, gravel subangular to 1", loose, brown (7.5YR 5/3), dry (25% gravel, 60% sand, 15% fines).  At 20.0 feet: Soil becomes medium dense, brown (7.5YR 4/3), moist (15% gravel, 60% sand, 25% fines).	20
1750			■					From 24.0 feet: Poorly graded, fine to coarse grained, gravel to 2.5", loose, moist (20% gravel, 65% sand, 15% fines). From 25.0 feet: Fine to medium grained, gravel to 1", partially cemented, hard, brown (7.5YR 5/3), dry (15% gravel, 70% sand, 15% fines).	25	
1745			■				SP	<b>SAND with gravel (SP), BROWN (7.5YR 4/4)</b> ; medium to coarse grained, gravel to 1" increases with depth, loose, moist (15% gravel, 80% sand, 5% fines).		

**Sample/ Recovery Key**

Hand Auger

Sonic Core Recovery

Chemical Sample

First saturated soil cuttings

No Recovery

Physical Test Sample

Elevation (ft.)	Depth (ft)	Soil Drive Interval	Soil Sample Interval	PID (ppm)	Unit/Formation	Graphic Log	USCS Code	Material Description	Depth (ft)
▽				0.7	ALLUVIUM		SM	<b>SILTY SAND with gravel (SM), BROWN (7.5YR 5/4);</b> dense, dry (15% gravel, 65% sand, 20% fines).	
1740	35			ML			<b>SANDY SILT (ML), YELLOWISH BROWN (10YR 5/4);</b> low plasticity, fine grained sand (5% gravel, 35% sand, 60% fines). At 31.2 feet: Soil becomes wet. At 32.5 feet: Soil stiff and not cohesive.		
1735	40						From 34.5 feet: Trace gravel to 1".  From 38.5 feet: Caliche lenses approximately 1" thick.		
1730	45							Boring completed at a depth of 40.0 feet on 11/18/2014.	
1725	50								
1720	55								
1715	60								
1710	65								
1705									

**Sample/ Recovery Key**

Hand Auger

Sonic Core Recovery

Chemical Sample

First saturated soil cuttings

No Recovery

Physical Test Sample



Remarks

1. Soil samples for chemical analyses were collected using a split-spoon sampler advanced ahead of the core barrel.

Notes:

Elevation (ft.)	Depth (ft)	Soil Drive Interval	Soil Sample Interval	PID (ppm)	Unit/Formation	Graphic Log	USCS Code	Material Description	Depth (ft)	
1770	5		■	1.7	ALLUVIUM		SM	<p><b>FILL:</b> White gravel.</p> <p>ALLUVIUM  <b>SILTY SAND with gravel (SM), BROWN (7.5YR 5/3);</b> sand poorly graded fine to coarse grained, gravel contains caliche fragments and volcanics to 1", loose, dry (15% gravel, 70% sand, 15% fines).                      At 2.5 feet: Darker brown (7.5YR 5/4), trace 3" gravels.</p>	5	
1765	10		■	4.2			<p>At 9.0 feet: Soil becomes partially cemented.                      At 10.0 feet: Trace cobbles present to 4.5", trace broken glass.                      At 11.0 feet: Gravel size decreased to less than a 1/2", occasional clasts to 3", partially cemented, dry (15% gravel, 65% sand, 20% fines).</p>	10		
1760	15		■	3.3					<p>At 18.5 feet: Fraction of fragmented caliche gravel increases, moist (20% gravel, 65% sand, 15% fines).</p>	15
1755	20		■	1.8						20
1750	25		■	2.0			SP-SM	<p><b>WELL GRADED SAND with silt and gravel (SP-SM), BROWN (7.5YR 5/4);</b> fine to coarse grained, gravel composed of subangular caliche fragments and volcanics to 1", trace 3" cobbles, loose, moist (20% gravel, 70% sand, 10% fines).</p>	25	
1745								<p>At 29.0 feet: Sand with evaporite (gypsum), white (7.5YR 8/1)..</p>		

**Sample/ Recovery Key**

Hand Auger

Sonic Core Recovery

Chemical Sample

First saturated soil cuttings

No Recovery

Physical Test Sample

Elevation (ft.)	Depth (ft)	Soil Drive Interval	Soil Sample Interval	PID (ppm)	Unit/Formation	Graphic Log	USCS Code	Material Description	Depth (ft)
▽				0.7	ALLUVIUM		SP-SM	From 29.5 feet: Sand medium to coarse grained, gravel to 2", trace cobbles larger than 4", loose, brown (7.5YR 4/4), moist.	
1740				ML			<b>SANDY SILT with gravel (ML), BROWN (7.5YR 5/4);</b> low plasticity, sand fine to coarse, subangular volcanic gravel to 1/2", soft, wet (15% gravel, 30% sand, 55% fines).  From 33.0 feet: Soil is heterogeneous, contains veins of well sorted medium grained sand, gravel and sand decrease with depth.		
35				ML			<b>SANDY SILT (ML), LIGHT YELLOWISH BROWN (10YR 6/4);</b> low plasticity, sand fine to medium grained, trace caliche nodules to 2", wet (5% gravel, 35% sand, 60% fines).		
1735									
40								Boring completed at a depth of 40.0 feet on 11/20/2014.	
1730									
45									
1725									
50									
1720									
55									
1715									
60									
1710									
65									
1705									

**Sample/Recovery Key**

Hand Auger

Sonic Core Recovery

Chemical Sample

First saturated soil cuttings

No Recovery

Physical Test Sample

Remarks

1. Soil samples for chemical analyses were collected using a split-spoon sampler advanced ahead of the core barrel.

Elevation (ft.)	Depth (ft)	Soil Drive Interval	Soil Sample Interval	PID (ppm)	Unit/Formation	Graphic Log	USCS Code	Material Description	Depth (ft)	
1770	5		1.1		ALLUVIUM		SM	<p>ALLUVIUM</p> <p><b>SANDY SILT with gravel (SM), LIGHT BROWN (7.5YR 6/4);</b> fine to coarse sand, some fine to coarse gravel, loose dry.</p> <p>From 3.0 to 5.0 feet: Trace cobbles, brown (7.5YR 5/4).</p>	5	
1765	10		0.1						<p>At 7.5 feet: Decreases to little gravel, weakly cemented with some caliche.</p>	10
1760	15		0.0							15
1755	20		0.0				SM	<p><b>SILTY SAND (SM), LIGHT BROWN (7.5YR 6/4);</b> fine to medium grained, trace coarse grained, trace fine to coarse gravel, loose, dry.</p> <p>From 17.0 to 20.0 feet: Weakly cemented with caliche nodules.</p>	20	
1750	25		0.8					<p>At 20.0 feet: Color becomes brown (7.5 YR 5/4).</p>	25	
1745	25		0.6					<p>At 24.0 feet: Gravel increases to little to some.</p>	25	
			0.3				SP-SM	<p><b>SAND with silt and gravel (SP-SM), BROWN (7.5YR 5/4);</b> poorly graded, some fine to coarse gravel, loose, dry.</p>		

**Sample/ Recovery Key**

Hand Auger

Sonic Core Recovery

Chemical Sample

First saturated soil cuttings

No Recovery

Physical Test Sample

Elevation (ft.)	Depth (ft)	Soil Drive Interval	Soil Sample Interval	PID (ppm)	Unit/Formation	Graphic Log	USCS Code	Material Description	Depth (ft)
1740			■	0.3	ALLUVIUM		SM	<b>SANDY SILT with gravel (SM), BROWN (7.5YR 5/4);</b> some fine gravel, loose, moist.	
				0.0			SM	<b>SILTY SAND (SM), LIGHT BROWN (7.5YR 6/4);</b> weakly cemented, caliche coating, dry.	
▽ 35				0.0	UMCf		CL	UPPER MUDDY CREEK FORMATION AT 35.0 FEET] <b>SILTY CLAY (CL), STRONG BROWN (7.5YR 5/6);</b> wet.	35
1735				0.0			CL		
40								Boring completed at a total depth of 40.0 feet on 11/20/2014.	40
1730									
45									45
1725									
50									50
1720									
55									55
1715									
60									60
1710									
65									65
1705									

**Sample/ Recovery Key**

Hand Auger

Sonic Core Recovery

Chemical Sample

First saturated soil cuttings

No Recovery

Physical Test Sample

Remarks

1. Soil samples for chemical analyses were collected using a split-spoon sampler advanced ahead of the core barrel.

Notes:

Elevation (ft.)	Depth (ft)	Soil Drive Interval	Soil Sample Interval	PID (ppm)	Unit/Formation	Graphic Log	USCS Code	Material Description	Depth (ft)
1770					ALLUVIUM		SW-SM	<p>ALLUVIUM</p> <p><b>SAND with silt and gravel (SP-SM), BROWN (7.5YR 6/4)</b>; well graded, fine to coarse grained, gravel primarily caliche fragments to 1" (fragments decrease with depth), loose, dry (20% gravel, 70% sand, 10% fines).</p> <p>At 2.0 feet: Color becomes brown (7.5YR 5/4), trace 3" cobbles, moist.</p>	5
1765	5			0.7			SM	<p><b>SILTY SAND with gravel (SM), BROWN (7.5YR 5/4)</b>; fine to coarse grained, gravel to 1", loose, dry to moist (15% gravel, 70% sand, 15% fines).</p>	10
1760	10			2.0			SM	<p>At 14.0 feet: Soil becomes lightly cemented, gravel to 1.5" (20% gravel, 65% sand, 15% fines).</p>	15
1755	15			1.5			SM	<p><b>SILTY SAND with gravel (SM), BROWN (7.5YR 5/4)</b>; fine to coarse grained, subangular gravel to 1/2", partially cemented, dry (10% gravel, 65% sand, 25% fines).</p>	20
1750	20			0.9			SW-SM	<p><b>SAND with silt and gravel (SW-SM), STRONG BROWN (7.5YR 5/6)</b>; well graded, fine to coarse grained, subangular volcanic gravel to 1", loose, moist (15% gravel, 75% sand, 10% fines).</p> <p>At 18.0 feet: Gravel increases with depth.</p>	25
1745	25			1.1			SM	<p>At 19.5 feet: Cobbles larger than 4" locally.</p> <p><b>SILTY SAND with gravel (SM), BROWN (7.5YR 5/4)</b>; fine to coarse grained, gravel to 1/2", partially cemented, dry to moist (15% gravel, 65% sand, 20% fines).</p>	
							SP	<p><b>SAND with gravel (SP), STRONG BROWN (7.5YR 5/6)</b>; fine to coarse grained, gravel contains caliche fragments and volcanics to 1.5", loose, moist (20% gravel, 75% sand, 5% fines).</p>	
							SP-SM	<p><b>SAND with silt and gravel (SP-SM), STRONG BROWN (7.5YR 5/6)</b>; poorly graded, soil</p>	

**Sample/ Recovery Key**

Hand Auger

Sonic Core Recovery

Chemical Sample

First saturated soil cuttings

No Recovery

Physical Test Sample



Elevation (ft.)	Depth (ft)	Soil Drive Interval	Soil Sample Interval	PID (ppm)	Unit/Formation	Graphic Log	USCS Code	Material Description	Depth (ft)
1740				2.0			SM	becomes partially cemented, increase in fines (20% gravel, 70% sand, 10% fines).	
				3.2			ML	<b>SILTY SAND with gravel (SM), BROWN (7.5YR 5/4)</b> ; fine to coarse grained, gravel to 3/4", partially cemented, dry (15% gravel, 70% sand, 15% fines).	
	35						ML	<b>SANDY SILT (ML), YELLOWISH BROWN (10YR 5/4)</b> ; fine to medium grained sand, hard, low plasticity, moist (5% gravel, 40% sand, 55% fines). At 34.5 feet: Caliche lens 1" thick.	35
1735					UMCf		ML	UPPER MUDDY CREEK FORMATION AT 35.0 FEET <b>CLAYEY SILT with sand (ML), STRONG BROWN (7.5YR 5/6)</b> ; fine grained sand, trace caliche nodules to 2", soft, low to medium plasticity, wet (0% gravel, 20% sand, 80% fines).  At 37.5 feet: Stiffness increases with depth; sand fraction decreases with depth.	
	40							At 40.0 feet: Soil becomes medium soft with less sand (0% gravel, 15% sand, 85% fines).	40
1730									
	45							Boring completed at a depth of 45.0 feet on 11/19/2014.	45
1725									
	50								50
1720									
	55								55
1715									
	60								60
1710									
	65								65
1705									

**Sample/ Recovery Key**

Hand Auger

Sonic Core Recovery

Chemical Sample

First saturated soil cuttings

No Recovery

Physical Test Sample

Remarks

1. Soil samples for chemical analyses were collected using a split-spoon sampler advanced ahead of the core barrel.

Elevation (ft.)	Depth (ft)	Soil Drive Interval	Soil Sample Interval	PID (ppm)	Unit/Formation	Graphic Log	USCS Code	Material Description	Depth (ft)
1765	5		0.0		ALLUVIUM		SM	ALLUVIUM SILTY SAND with gravel (SM), LIGHT BROWN (7.5YR 6/4); some fine to coarse gravel, trace cobbles, loose, dry.	5
			3.1			SM	SILTY SAND (SM), LIGHT BROWN (7.5YR 6/4); trace fine gravel, very weakly cemented, little caliche nodules, dry.		
			4.1						
1760	10		3.5						10
			5.0						
1755	15		7.5			ML	SANDY SILT with gravel (ML), LIGHT BROWN (7.5YR 6/4); some fine to coarse gravel, trace caliche nodules, dry.		
			4.7			SM	SILTY SAND with gravel (SM), BROWN (7.5YR 5/4); some fine gravel, few coarse gravel, loose, dry.		
			2.6			SP-SM	SAND with silt and gravel (SP-SM), BROWN (7.5YR 5/4); fine to coarse grained, some fine to coarse gravel, loose, moist.		
1745	25		2.2		SM	SILTY SAND with gravel (SM), BROWN (7.5YR 5/4); fine to coarse grained, some fine to coarse, subangular to subrounded gravel, loose, dry.			
			2.7						
1740									

**Sample/ Recovery Key**

Hand Auger

Sonic Core Recovery

Chemical Sample

First saturated soil cuttings

No Recovery

Physical Test Sample

Elevation (ft.)	Depth (ft)	Soil Drive Interval	Soil Sample Interval	PID (ppm)	Unit/Formation	Graphic Log	USCS Code	Material Description	Depth (ft)
1735	35			5.9			SP-SC	<b>SAND with clay and gravel (SP-SC), BROWN (7.5YR 5/4);</b> fine to coarse grained, some fine gravel, moist.	35
				7.2			CL	<b>SANDY CLAY (CL)</b>	
				1.9			SM	<b>SILTY SAND (SM), LIGHT BROWN (7.5YR 6/4);</b> weakly cemented, some caliche, dry.	
1730	40			3.4	UMCf		CL-ML	UPPER MUDDY CREEK FORMATION AT 35.0 FEET <b>SILTY CLAY (CL-ML), STRONG BROWN (7.5YR 5/6);</b> trace sand, wet.	35
			3.2	40					
			6.5	45					
1725	45							<b>CLAYEY SAND (SC), BROWN (7.5YR 6/4);</b> medium to coarse grained, trace fine grained, wet.	45
								Boring completed at a depth of 45.0 feet on 11/19/2014.	
1720	50								50
1715	55								55
1710	60								60
1705	65								65
1700									

**Sample/ Recovery Key**

Hand Auger

Sonic Core Recovery

Chemical Sample

First saturated soil cuttings

No Recovery

Physical Test Sample

Remarks

1. Soil samples for chemical analyses were collected using a split-spoon sampler advanced ahead of the core barrel.

Elevation (ft.)	Depth (ft)	Soil Drive Interval	Soil Sample Interval	PID (ppm)	Unit/Formation	Graphic Log	USCS Code	Material Description	Depth (ft)	
1770			■	0.0	ALLUVIUM		SM	ALLUVIUM <b>SILTY SAND with gravel (SM), LIGHT BROWN (7.5YR 6/4);</b> fine to medium grained, trace coarse grained, little to some fine to coarse, subrounded to subangular gravel, loose, dry.		
1765	5		■	1.9						5
				3.9					From 8.0 to 8.5 feet: Some caliche.	
1760	10		■	5.2						10
1755	15		■	3.9						15
				2.9					From 17.0 to 18.0 feet: Color becomes light brown (7.5YR 6/3), weakly cemented with caliche nodules.	
1750	20		■	1.3					From 18.0 to 21.5 feet: Color becomes brown (7.5YR 5/4), large cobble.	20
1745	25		■	4.2					SP-SM	<b>SAND with silt and gravel (SP-SM), BROWN (7.5YR 5/4);</b> fine to coarse grained, well graded, some fine gravel, trace coarse gravel, loose, dry.

**Sample/ Recovery Key**

Hand Auger

Sonic Core Recovery

Chemical Sample

First saturated soil cuttings

No Recovery

Physical Test Sample

Elevation (ft.)	Depth (ft)	Soil Drive Interval	Soil Sample Interval	PID (ppm)	Unit/Formation	Graphic Log	USCS Code	Material Description	Depth (ft)
1740			■	4.7		SP-SM		From 30.0 to 31.0 feet: Slough from cave in.	
						SP		<b>SAND (SP), BROWN (7.5YR 5/3)</b> ; medium to coarse grained, with fines and gravel, moist to wet.	
				3.9				<b>CALICHE (), PINK (7.5YR 8/3)</b> ; trace cobbles, dry.	
▽	35				UMCf		CL-ML	UPPER MUDDY CREEK FORMATION AT 34.0 FEET <b>SILTY CLAY (CL-ML), STRONG BROWN (7.5YR 5/6)</b> ; wet.	35
1735									
1730									
1725								Boring completed at a depth of 45.0 feet on 11/19/2014.	45
1720									
1715									
1710									
1705									

**Sample/ Recovery Key**

Hand Auger

Sonic Core Recovery

Chemical Sample

First saturated soil cuttings

No Recovery

Physical Test Sample



Remarks

1. Soil samples for chemical analyses were collected using a split-spoon sampler advanced ahead of the core barrel.

Elevation (ft.)	Depth (ft)	Soil Drive Interval	Soil Sample Interval	PID (ppm)	Unit/Formation	Graphic Log	USCS Code	Material Description	Depth (ft)		
1765	5		0.0		ALLUVIUM		SM	ALLUVIUM <b>SILTY SAND with gravel (SM), LIGHT BROWN (7.5YR 6/4)</b> ; fine to coarse grained, some fine to coarse gravel, loose, dry.			
			0.5								
			4.2							At 4.0 feet: Large rock and caliche. From 5.0 feet: Increased caliche.	5
1760	10		1.6							From 9.5 to 10.0 feet: Caliche layer.	10
			2.3						SM	<b>SILTY SAND (SM), BROWN (7.5YR 5/4)</b> ; fine to medium grained, trace coarse grained, few fine gravels, dry.	
1755	15		3.6							From 13.0 to 13.5 feet: Caliche layer.	15
			3.6						SM	At 17.5 feet: Increase in coarse sand and decrease in gravel, caliche nodules, dry.	
1750	20		1.1						SP	<b>SAND (SP), BROWN (7.5YR 5/4)</b> ; fine to coarse grained, with silt and fine gravel, dry.	20
			0.0						SM	<b>SILTY SAND with gravel (SM), BROWN (7.5YR 5/4)</b> ; fine to coarse sand, some fine gravel, dry.	
1745	25		0.9							At 27.5 feet: Layer of platy, silty clay.	25

**Sample/ Recovery Key**

Hand Auger

Sonic Core Recovery

Chemical Sample

First saturated soil cuttings

No Recovery

Physical Test Sample

Elevation (ft.)	Depth (ft)	Soil Drive Interval	Soil Sample Interval	PID (ppm)	Unit/Formation	Graphic Log	USCS Code	Material Description	Depth (ft)
▽			■				ML	<b>SANDY SILT (ML), BROWN (7.5YR 4/4);</b> few fine gravels, dry.	
							SC	<b>CLAYEY SAND with silt (SC), STRONG BROWN (7.5YR 5/6);</b> fine to coarse grained, wet.	
1735							CL-ML	<b>CLAYEY SILT (CL-ML), LIGHT BROWN</b> trace fine gravel, (poor recovery), moist.	
	35		■	2.7					35
1730									
	40				UMCf			<b>UPPER MUDDY CREEK FORMATION AT 40.0 FEET</b> <b>CLAYEY SILT (CL-ML), STRONG BROWN (7.5YR 5/6);</b> wet.	40
1725									
	45							Boring completed at a depth of 45.0 feet on 11/18/2014.	45
1720									
	50								50
1715									
	55								55
1710									
	60								60
1705									
	65								65
1700									

**Sample/ Recovery Key**

Hand Auger

Sonic Core Recovery

Chemical Sample

First saturated soil cuttings

No Recovery

Physical Test Sample

Remarks

1. Soil samples for chemical analyses were collected using a split-spoon sampler advanced ahead of the core barrel.

Elevation (ft.)	Depth (ft)	Soil Drive Interval	Soil Sample Interval	PID (ppm)	Unit/Formation	Graphic Log	USCS Code	Material Description	Depth (ft)		
1765	5		■	0.0	ALLUVIUM		SM	ALLUVIUM <b>SILTY SAND with gravel (SM), LIGHT BROWN (7.5YR 6/4)</b> ; well graded, fine to coarse grained, subangular to subrounded, fine to coarse gravel, caliche nodules, dry (30% gravel, 40% sand, 30% fines).	5		
1760			■	0.8			From 5.0 to 7.5 feet: No caliche.				
				0.5			From 7.5 to 10.0 feet: Decrease in grain size with depth.				
1755	10		■	0.1			SC	<b>CLAYEY SAND with gravel (SC), REDDISH BROWN (5YR 4/4)</b> ; fine to coarse grained, some subrounded gravel, interbedded, platy, silty clay, dry.			10
				0.8			SM	<b>SILTY SAND (SM), PINK (7.5YR 7/4)</b> ; fine to medium grained, trace coarse sand, caliche nodules, dry.			
1750	15		■	0.0			SM	<b>SILTY SAND with gravel (SM), LIGHT BROWN (7.5YR 6/4)</b> ; fine to coarse sand, some fine and trace coarse gravel, dry.			15
				0.0		From 17.5 to 20.0 feet: Little caliche nodules.					
1745	20		■	0.0					20		
				0.0		From 20.0 to 25.0 feet: Increasing gravel with depth.					
1740	25		■	0.0			SP-SM	<b>SAND with silt and gravel (SP-SM), BROWN (7.5YR 4/4)</b> ; some fine gravel, slightly moist.	25		
				0.0			ML	<b>SANDY SILT (ML), LIGHT BROWN (7.5YR 6/4)</b> ; trace fine gravel, moist.			

**Sample/ Recovery Key**

Hand Auger

Sonic Core Recovery

Chemical Sample

First saturated soil cuttings

No Recovery

Physical Test Sample

Elevation (ft.)	Depth (ft)	Soil Drive Interval	Soil Sample Interval	PID (ppm)	Unit/Formation	Graphic Log	USCS Code	Material Description	Depth (ft)
1735				1.5			SP-SM	<b>SAND with silt and gravel (SP-SM), BROWN (7.5YR 4/3);</b> some fine gravel, moist to wet.	
	35						SC	<b>CLAYEY SAND (SC), DARK BROWN (7.5YR 3/4);</b> fine to coarse grained, cohesive, wet.	35
1730					UMCf		ML	UPPER MUDDY CREEK FORMATION AT 37.5 FEET <b>SILT (ML), PINK (7.5YR 7/4);</b> some clay wet.	
	40						CL-ML	<b>SILTY CLAY (CL-ML)</b>	40
1725								Boring completed at a depth of 40.0 feet on 11/18/2014.	
	45								45
1720									
	50								50
1715									
	55								55
1710									
	60								60
1705									
	65								65
1700									

**Sample/ Recovery Key**

Hand Auger

Sonic Core Recovery

Chemical Sample

First saturated soil cuttings

No Recovery

Physical Test Sample

**Remarks**

1. Soil samples for chemical analyses were collected using a split-spoon sampler advanced ahead of the core barrel.

Notes:

Elevation (ft.)	Depth (ft)	Soil Drive Interval	Soil Sample Interval	PID (ppm)	Unit/Formation	Graphic Log	USCS Code	Material Description	Depth (ft)
1725			■		ALLUVIUM			<p>ALLUVIUM  <b>GRAVELLY SAND (SW), LIGHT BROWN (7.5YR 6/3)</b>; well graded, fine to coarse grained, gravel is subangular caliche fragments and volcanics to 1.5", trace fines, partially cemented clasts present, dry (35% gravel, 65% sand, 0% fines).                      At 1.5 feet: Color change to darker brown (7.5YR 5/4).</p>	
1720	5		■	1.5				<p><b>SAND with gravel (SW), BROWN (7.5YR 5/4)</b>; well graded, fine to coarse grained, subangular to subrounded volcanic gravels to 1", 5% fines, loose, slightly moist (15% gravel, 80% sand, 5% fines).                      At 4.0 feet: Color becomes strong brown (7.5YR 5/6).</p>	5
1715	10		■	4.1 5.4			SM	<p><b>SILTY SAND with gravel (SM), BROWN (7.5YR 5/4)</b>; fine to coarse grained, gravel is caliche and volcanics to 1/2", partially cemented, silty fines, dry to moist (15% gravel, 70% sand, 15% fines).</p>	10
								Boring completed at a depth of 11.0 feet on 12/01/2014.	
1710	15								15
1705	20								20
1700	25								25

<b>Sample/ Recovery Key</b>	Hand Auger	Sonic Core Recovery	Chemical Sample
	No Recovery	Physical Test Sample	



Remarks

1. Soil samples for chemical analyses were collected from the hand auger.

Elevation (ft.)	Depth (ft)	Soil Drive Interval	Soil Sample Interval	PID (ppm)	Unit/Formation	Graphic Log	USCS Code	Material Description	Depth (ft)
1728.41	0		■		ALLUVIUM			ALLUVIUM SAND with silt and gravel (SP-SM), LIGHT BROWN (7.5YR 6/4); fine to coarse grained gravel, dry.	
1725	5		■	2.4			SM	SILTY SAND with gravel (SM), BROWN (7.5YR 5/4); trace cobbles, dry.	5
1720	10							Boring completed at a depth of 7.5 feet on 11/21/2014.	10
1715	15								15
1710	20								20
1705	25								25
1700									

<b>Sample/Recovery Key</b>	Hand Auger	Sonic Core Recovery	Chemical Sample
	No Recovery	Physical Test Sample	

Remarks

1. Soil samples for chemical analyses were collected from the hand auger.  
2. Refusal at 7.7 feet.

Elevation (ft.)	Depth (ft)	Soil Drive Interval	Soil Sample Interval	PID (ppm)	Unit/Formation	Graphic Log	USCS Code	Material Description	Depth (ft)
1725	5		0.0		ALLUVIUM		SP-SM	ALLUVIUM SAND with silt and gravel (SP-SM), LIGHT BROWN (7.5YR 6/4); poorly graded, some fine to coarse gravel, dry.	5
			0.0				SM	SILTY SAND with gravel (SM), BROWN (7.5YR 5/4); fine gravel, trace cobbles, dry.	
			2.4						
1720	10							Boring completed at a depth of 7.7 feet on 12/2/2014.	10
1715	15								15
1710	20								20
1705	25								25
1700									

**Sample/Recovery Key**

Hand Auger

Sonic Core Recovery

Chemical Sample

No Recovery

Physical Test Sample

Remarks

1. Soil samples for chemical analyses were collected from the hand auger.

Elevation (ft.)	Depth (ft)	Soil Drive Interval	Soil Sample Interval	PID (ppm)	Unit/Formation	Graphic Log	USCS Code	Material Description	Depth (ft)
1730			■	0.0	ALLUVIUM		SP-SM	ALLUVIUM SAND with silt and gravel (SP-SM), LIGHT BROWN (7.5YR 6/4); trace cobbles, loose, dry.	
							SM	SILTY SAND with gravel (SM), BROWN (7.5YR 5/4); trace cobbles, caliche coating on gravel, loose, dry.	
1725	5		■	0.0					5
				0.0					
1720	10		■					Boring completed at a depth of 9.5 feet on 11/21/2014.	10
1715	15								15
1710	20								20
1705	25								25

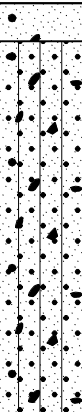
**Sample/Recovery Key**

Hand Auger	Sonic Core Recovery	Chemical Sample
No Recovery	Physical Test Sample	

**Remarks**

1. Soil samples for chemical analyses were collected using a split-spoon sampler advanced ahead of the core barrel.

Notes:

Elevation (ft.)	Depth (ft)	Soil Drive Interval	Soil Sample Interval	PID (ppm)	Unit/Formation	Graphic Log	USCS Code	Material Description	Depth (ft)
1720	5		■	2.5	ALLUVIUM		SP	ALLUVIUM <b>SAND with gravel (SP), BROWN (7.5YR 5/3)</b> ; medium to coarse grained, gravel composed of caliche fragments and nodules to 1", loose, dry (20% gravel, 75% sand, 5% fines). <b>SILTY SAND with gravel (SM), BROWN (7.5YR 5/4)</b> ; fine to coarse grained, gravel as above, loose, dry (15% gravel, 70% sand, 15% fines).	5
			■	5.0			SM		At 5.5 feet: Soil becomes partially cemented, dry to moist.
1715	10		■	3.7					At 10.0 feet: Caliche lens 1" thick.
1710	15							Boring completed at a depth of 10.8 feet on 12/01/2014.	15
1705	20								20
1700	25								25
1695									

**Sample/Recovery Key**

 Hand Auger

 Sonic Core Recovery

 Chemical Sample

 No Recovery

 Physical Test Sample

Remarks

1. Soil samples for chemical analyses were collected using a split-spoon sampler advanced ahead of the core barrel.

Notes:

Elevation (ft.)	Depth (ft)	Soil Drive Interval	Soil Sample Interval	PID (ppm)	Unit/Formation	Graphic Log	USCS Code	Material Description	Depth (ft)
1720	5		■	3.5	ALLUVIUM		SW	ALLUVIUM <b>SAND with gravel (SW), LIGHT BROWN (7.5YR 6/3)</b> ; well graded, fine to coarse grained, gravel to 2", loose, dry (25% gravel, 70% sand, 5% fines).	5
			■	5			SW-SM	<b>SAND with silt and gravel (SW-SM), BROWN (7.5YR 5/4)</b> ; well graded, gravel contains caliche fragments and volcanics to 1", loose, dry (20% gravel, 70% sand, 10% fines). At 2.5 feet: Gravel to 1/2", color becomes strong brown (7.5 5/6), loose, moist (15% gravel, 75% sand, 10% fines).	5
1715	10		■	2.9			SM	<b>SILTY SAND with gravel (SM), BROWN (7.5YR 5/4)</b> ; fine to coarse grained, gravel to 1", partially cemented (weak), dry to moist (15% gravel, 70% sand, 15% fines).	10
1710	15							Boring completed at a depth of 11.0 feet on 12/01/2014.	15
1705	20								20
1700	25								25
1695									

**Sample/Recovery Key**

Hand Auger

Sonic Core Recovery

Chemical Sample

No Recovery

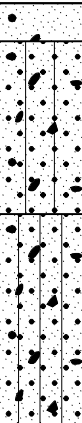
Physical Test Sample



Remarks

1. Soil samples for chemical analyses were collected using a split-spoon sampler advanced ahead of the core barrel.

Notes:

Elevation (ft.)	Depth (ft)	Soil Drive Interval	Soil Sample Interval	PID (ppm)	Unit/Formation	Graphic Log	USCS Code	Material Description	Depth (ft)
1720	5		■	0.4	ALLUVIUM		SW	ALLUVIUM <b>SAND with gravel (SW), LIGHT BROWN (7.5 YR6/3)</b> ; fine to coarse grained, gravel to 3", loose, dry (30% gravel, 65% sand, 5% fines).	5
			■	1.8			SM/GM	<b>SAND with silt and gravel (SM/GM), BROWN (7.5YR 5/4)</b> ; well graded, gravel contains caliche fragments to 1", loose, dry (20% gravel, 70% sand, 10% fines). From 2.5 feet: Sand fine to coarse grained, gravel to 1/2", color to strong brown (7.5YR 5/6), loose, moist (15% gravel, 75% sand, 10% fines).	
1715	10		■	1.6			SM	<b>SILTY SAND with gravel (SM), BROWN (7.5YR 5/4)</b> ; fine to coarse grained, gravel composed of caliche fragments and nodules to 1", partially cemented (medium hard) dry (15% gravel, 70% sand, 15% fines). From 7.0 feet: Interbedded layers with varying silt to sand fractions.	10
1710	15							Boring completed at a depth of 11.0 feet on 12/01/2014.	15
1705	20								20
1700	25								25
1695									

**Sample/ Recovery Key**

 Hand Auger

 Sonic Core Recovery

 Chemical Sample

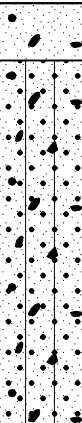
 No Recovery

 Physical Test Sample

Remarks

1. Soil samples for chemical analyses were collected using a split-spoon sampler advanced ahead of the core barrel.

Notes:

Elevation (ft.)	Depth (ft)	Soil Drive Interval	Soil Sample Interval	PID (ppm)	Unit/Formation	Graphic Log	USCS Code	Material Description	Depth (ft)
1725	5		■	0.8	ALLUVIUM		SW	ALLUVIUM <b>SAND with gravel (SW), LIGHT BROWN (7.5YR 6/3)</b> ; fine to coarse grained, gravel consists primarily of caliche fragments with some subangular volcanics to 1", trace cobbles to 3.5", medium dense, dry (30% gravel, 65% sand, 5% fines).	5
1720	10		■	1.1		SM/GM	<b>SAND with silt and gravel (SM/GM), BROWN (7.5YR 5/4)</b> ; well graded, fine to coarse grained, gravel to 1", loose, dry (15% gravel, 75% sand, 10% fines).	10	
				4.7				From 6.0 feet: Moisture increases with depth.	
1715	15							Boring completed at a depth of 11.0 feet on 12/02/2014.	15
1710	20								20
1705	25								25
1700									

**Sample/Recovery Key**

 Hand Auger

 Sonic Core Recovery

 Chemical Sample

 No Recovery

 Physical Test Sample

Remarks

1. Soil samples for chemical analyses were collected using a split-spoon sampler advanced ahead of the core barrel.

Notes:

Elevation (ft.)	Depth (ft)	Soil Drive Interval	Soil Sample Interval	PID (ppm)	Unit/Formation	Graphic Log	USCS Code	Material Description	Depth (ft)
1725	5		■	1.2	ALLUVIUM		SW-SM	ALLUVIUM <b>SAND with gravel and silt (SM/GM), LIGHT BROWN (7.5YR 6/3);</b> gravel contains caliche fragments and volcanics to 1.5", loose, dry (30% gravel, 60% sand, 10% fines).	5
1720	10		■	1.0			SM	<b>SILTY SAND with gravel (SM), BROWN (7.5YR 5/4);</b> fine to coarse grained, gravel composed of caliche fragments and volcanics to 1", loose, dry (25% gravel, 60% sand, 15% fines).	10
1715	15							Boring completed at a depth of 11.0 feet on 11/17/2014.	15
1710	20								20
1705	25								25
1700									

**Sample/Recovery Key**

Hand Auger	Sonic Core Recovery	Chemical Sample
No Recovery	Physical Test Sample	

**Remarks**

1. Soil samples for chemical analyses were collected using a split-spoon sampler advanced ahead of the core barrel.

Notes:

Elevation (ft.)	Depth (ft)	Soil Drive Interval	Soil Sample Interval	PID (ppm)	Unit/Formation	Graphic Log	USCS Code	Material Description	Depth (ft)
1725	5		■	0.7	ALLUVIUM		SW	ALLUVIUM <b>SAND with gravel (SW), LIGHT BROWN (7.5YR 6/4)</b> ; fine to coarse grained, gravel composed of subangular volcanics and caliche fragments to 2", loose, dry (25% gravel, 70% sand, 5% fines).	5
			■				SW-SM	<b>SAND with silt and gravel (SW-SM), BROWN (7.5YR 5/4)</b> ; well graded, loose, dry, moisture increases with depth (15% gravel, 75% sand, 10% fines).	
1720	10			0.9			SM	<b>SILTY SAND with gravel (SM), BROWN (7.5YR 5/4)</b> ; fine to coarse grained, gravel composed of subangular volcanics and caliche fragments to 2", loose to partially cemented, dry (15% gravel, 70% sand, 15% fines).	10
1715	15							Boring completed at a total depth of 11.0 feet on 11/20/2014.	15
1710	20								20
1705	25								25
1700									

**Sample/ Recovery Key**

Hand Auger

Sonic Core Recovery

Chemical Sample

No Recovery

Physical Test Sample

Remarks

1. Soil samples for chemical analyses were collected using a split-spoon sampler advanced ahead of the core barrel.

Notes:

Elevation (ft.)	Depth (ft)	Soil Drive Interval	Soil Sample Interval	PID (ppm)	Unit/Formation	Graphic Log	USCS Code	Material Description	Depth (ft)
1725	5				ALLUVIUM		SW SM/GM	<p>ALLUVIUM  <b>SAND with gravel (SW), LIGHT BROWN (7.5YR 6/3)</b>; fine to coarse grained, angular to subangular volcanic gravel to 1", loose, dry (30% gravel, 65% sand, 5% fines).  <b>SAND with silt and gravel (SM/GM), LIGHT BROWN (7.5YR 6/4)</b>; well graded, silt increases with depth, loose, dry (15% gravel, 75% sand, 10% fines).                      At 2.0 feet: Sand fine to coarse grained, gravel contains volcanics and caliche fragments to 1", loose, brown (7.5YR 5/4), dry. Fraction of fines and moisture increase with depth.</p>	5
1720	10							SM	<p><b>SILTY SAND (SM), STRONG BROWN (7.5YR 5/6)</b>; fine to medium grained, gravel to 1/2", loose, dry to moist (10% gravel, 70% sand, 20% fines).                       At 8.0 feet: Soil becomes partially cemented, medium dense, color becomes brown (7.5YR 5/4), dry.</p>
1715	15							Boring completed at a depth of 11.0 feet on 12/02/2014.	15
1710	20								20
1705	25								25
1700									

**Sample/ Recovery Key**

Hand Auger

Sonic Core Recovery

Chemical Sample

No Recovery

Physical Test Sample



Remarks

1. Soil samples for chemical analyses were collected using a split-spoon sampler advanced ahead of the core barrel.

Notes:

Elevation (ft.)	Depth (ft)	Soil Drive Interval	Soil Sample Interval	PID (ppm)	Unit/Formation	Graphic Log	USCS Code	Material Description	Depth (ft)
1720			■		ALLUVIUM		SW-SM	ALLUVIUM <b>SAND with silt and gravel (SM/GM), LIGHT BROWN (7.5YR 6/3);</b> fine to coarse grained, gravel to 1", loose, dry (30% gravel, 60% sand, 10% fines).	
5			■	1.0			SM	<b>SILTY SAND with gravel (SM), BROWN (7.5YR 5/4);</b> fine to coarse grained, gravel composed of subangular volcanics and caliche fragments to 1", trace 3" cobbles, loose, dry to moist (25% gravel, 60% sand, 15% fines).	5
1715				1.5					10
1710								Boring completed at a depth of 11.0 feet on 11/17/2014.	15
15									20
1705									25
1700									
25									
1695									

**Sample/Recovery Key**

Hand Auger

Sonic Core Recovery

Chemical Sample

No Recovery

Physical Test Sample

**Remarks**

1. Soil samples for chemical analyses were collected using a split-spoon sampler advanced ahead of the core barrel.

Elevation (ft.)	Depth (ft)	Soil Drive Interval	Soil Sample Interval	PID (ppm)	Unit/Formation	Graphic Log	USCS Code	Material Description	Depth (ft)
1750	5		■	23.0	ALLUVIUM		SM/GM	<p>ALLUVIUM  <b>SAND with silt and gravel (SM/GM), LIGHT YELLOWISH BROWN (10YR 6/4);</b> poorly graded, fine to coarse grained, subangular to subrounded volcanic gravel and caliche fragments to 1/2", trace cobbles to 3.5", loose, dry (20% gravel, 70% sand, 10% fines).</p> <p>At 3.5 feet: Color becomes yellowish brown (10YR 5/6).</p>	5
1745	10		■	3.8			SM	<p><b>SILTY SAND with gravel (SM), YELLOWISH BROWN (10YR 5/6);</b> Silt content increases, loose, dry (15% gravel, 70% sand, 15% fines).</p> <p>From 7.5 to 10.0 feet: Caliche nodules throughout from 1/2" to 2.5".</p> <p>At 8.5 feet: Lightly cemented clasts present, moisture increases with depth.</p>	10
								Boring completed at a depth of 10.0 feet on 10/29/2014.	
1740	15								15
1735	20								20
1730	25								25
1725									

<b>Sample/Recovery Key</b>	Hand Auger	Sonic Core Recovery	Chemical Sample
	No Recovery	Physical Test Sample	

Remarks

1. Soil samples for chemical analyses were collected using a split-spoon sampler advanced ahead of the core barrel.

Notes:

Elevation (ft.)	Depth (ft)	Soil Drive Interval	Soil Sample Interval	PID (ppm)	Unit/Formation	Graphic Log	USCS Code	Material Description	Depth (ft)
1750			■		ALLUVIUM		SM/GM	<p>ALLUVIUM  <b>SAND with silt and gravel (SM/GM) BROWN (10YR 5/3)</b>; poorly graded, fine to medium grained, angular to subangular gravel to 3", loose, dry (20% gravel, 70% sand, 10% fines).                      At 1.0 feet: Gravel contains caliche fragments, color becomes yellowish brown (10YR 5/4).</p>	
1745	5		■	0.8			SM	<p><b>SILTY SAND with gravel (SM), YELLOWISH BROWN (10YR 5/6)</b>; fine to coarse grained, gravel to 3", loose, moist (20% gravel, 65% sand, 15% fines).                      At 6.0 feet: Color gradually changes to strong brown (7.5YR 5/6).</p>	5
1740	10		■	3.7				<p>At 9.0 feet: Partially cemented silty sand layer, light yellowish brown (10YR 6/4), (15% gravel, 65% sand, 20% fines).                      At 9.5 feet: Color becomes strong brown (7.5YR 5/6). (15% gravel, 70% sand, 15% fines).                      At 10.0 feet: Caliche cobble 4".                      Boring completed at a depth of 10.0 feet on 10/30/2014.</p>	10
1735	15								15
1730	20								20
1725	25								25

<b>Sample/Recovery Key</b>	Hand Auger	Sonic Core Recovery	Chemical Sample
	No Recovery	Physical Test Sample	

Remarks

1. Soil samples for chemical analyses were collected from the hand auger.

Elevation (ft.)	Depth (ft)	Soil Drive Interval	Soil Sample Interval	PID (ppm)	Unit/Formation	Graphic Log	USCS Code	Material Description	Depth (ft)
1750	5		■	0.5	ALLUVIUM		SM/GM	<p>ALLUVIUM  <b>SAND with silt and gravel (SM/GM), PALE BROWN (10YR 6/3);</b> fine to coarse grained, subangular gravel to 2.5", loose, dry (15% gravel, 75% sand, 10% fines).                      At 3.5 feet: Color becomes light yellowish brown (10YR 6/4).</p> <p>From 4.0 feet: Sand is fine and coarse grained, angular to subangular gravel to 3" (large gravel coated in caliche), strong brown (7.5YR 5/6), loose, dry (15% gravel, 75% sand, 10% fines).</p>	5
1745	10		■					Boring completed at a depth of 10.0 feet on 10/30/2014.	10
1740	15								15
1735	20								20
1730	25								25
1725									

**Sample/Recovery Key**

Hand Auger

Sonic Core Recovery

Chemical Sample

No Recovery

Physical Test Sample

Remarks

1. Soil samples for chemical analyses were collected using a split-spoon sampler advanced ahead of the core barrel.

Elevation (ft.)	Depth (ft)	Soil Drive Interval	Soil Sample Interval	PID (ppm)	Unit/Formation	Graphic Log	USCS Code	Material Description	Depth (ft)		
1775	5		0.8		ALLUVIUM		SM/GM	ALLUVIUM <b>SILTY SAND with gravel (SM/GM), LIGHT BROWN (7.5 YR 6/4)</b> ; fine to coarse grained, gravel is pea size to 2", loose, dry (20% gravel, 45% sand, 35% fines).	5		
1770	10		0.6						At 10.0 feet: some caliche nodules (20% gravel, 45% sand, 35% fines).	10	
1765	15		0.5						At 14.0 feet: Sand is fine to coarse grained, pea size gravel to 4", loose, dry (25% gravel, 55% sand, 20% fines).	15	
1760	20		10.1					SW	<b>SAND (SW), BROWN (7.5YR 5/3)</b> ; well graded, fine to very coarse grained, trace gravel and fines, loose, slightly moist (5% gravel, 90% sand, 5% fines).	20	
1755	25		7.5					SM/GM	<b>SILTY SAND with gravel (SM/GM), LIGHT BROWN (7.5YR 6/4)</b> ; fine to coarse grained, gravel is pea size to 4", some caliche nodules, loose, dry (25% gravel, 40% sand, 35% fines).	25	
			12.0					SM	<b>SILTY SAND (SM), STRONG BROWN (7.5YR 5/6)</b> ; fine to medium grained, slightly cohesive, slightly moist (5% gravel, 55% sand, 40% fines). From 23.0 to 23.5 feet: Caliche, hard, dry (5% gravel, 55% sand, 40% fines).		
			13.1					ML	<b>SANDY SILT (ML), STRONG BROWN (7.5YR 5/6)</b> ; At 24.0 feet: hard, cohesive, fine to medium grained sand, slightly moist (5% gravel, 40% sand, 55% fines). At 25.0 feet: wet (5% gravel, 40% sand, 55% fines).		
			8.3								
			9.9								
			10.6								
			14.0								
			14.5								
			12.1								
Boring completed at a depth of 30.0 feet on 11/06/2014.											

**Sample/ Recovery Key**

Hand Auger

Sonic Core Recovery

Chemical Sample

First saturated soil cuttings

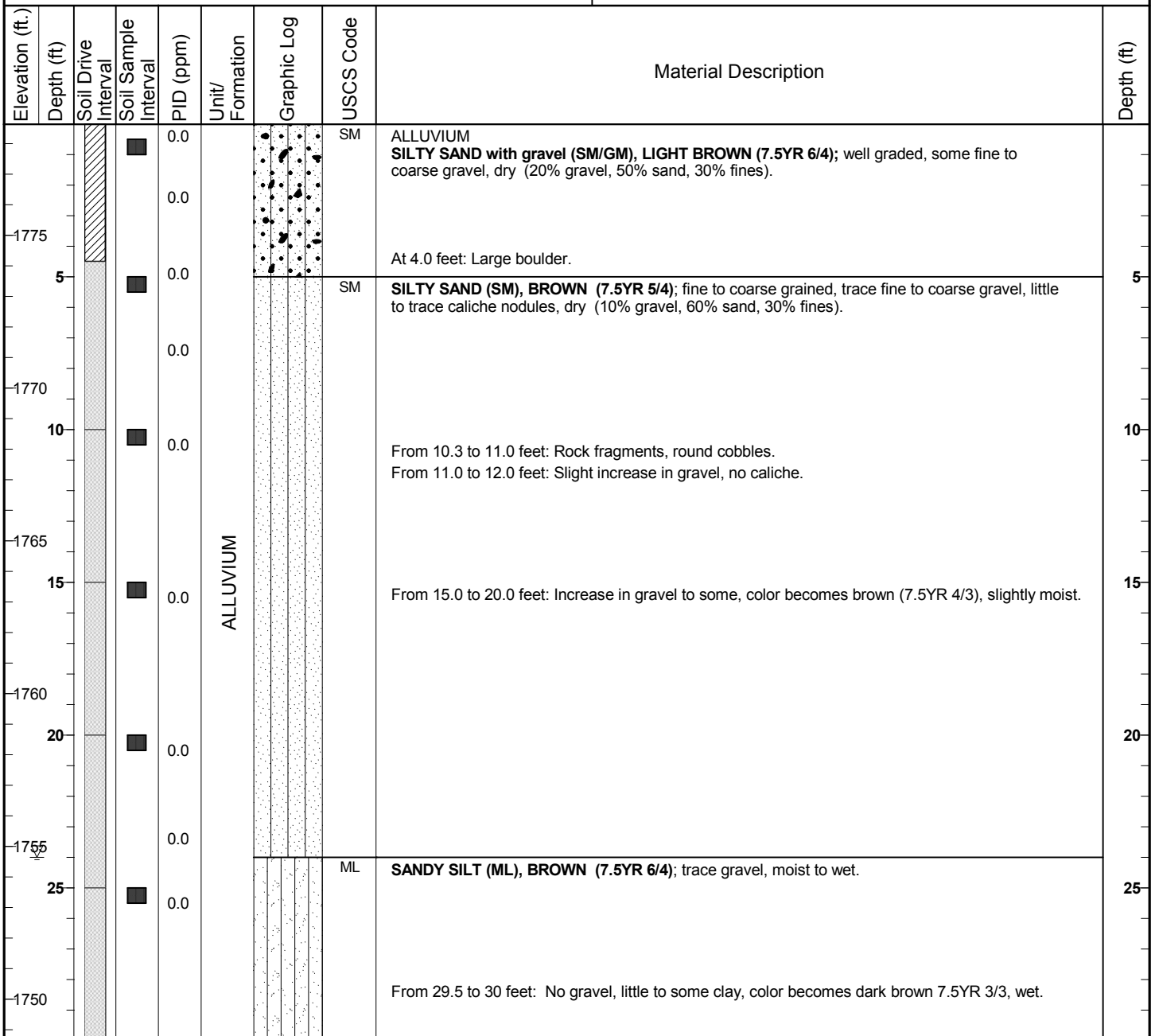
No Recovery

Physical Test Sample



Remarks

1. Soil samples for chemical analyses were collected using a split-spoon sampler advanced ahead of the core barrel.



**Sample/ Recovery Key**

Hand Auger

Sonic Core Recovery

Chemical Sample

First saturated soil cuttings


No Recovery


Physical Test Sample

Elevation (ft.)	Depth (ft)	Soil Drive Interval	Soil Sample Interval	PID (ppm)	Unit/Formation	Graphic Log	USCS Code	Material Description	Depth (ft)
1745	35			0.0	UMCf		CL-ML	UPPER MUDDY CREEK FORMATION AT 30.0 FEET <b>SILT with clay (CL-ML), STRONG BROWN (7.5YR 5/6); wet</b> (0% gravel, 0% sand, 100% fines).	35
1740	40			0.0				Boring completed at a depth of 40.0 feet on 11/17/2014.	40
1735	45								45
1730	50								50
1725	55								55
1720	60								60
1715	65								65
1710									

**Sample/ Recovery Key**


 Hand Auger

 Sonic Core Recovery

 Chemical Sample

 First saturated soil cuttings

 No Recovery

 Physical Test Sample

Remarks

1. Soil samples for chemical analyses were collected using a split-spoon sampler advanced ahead of the core barrel.

Notes:

Elevation (ft.)	Depth (ft)	Soil Drive Interval	Soil Sample Interval	PID (ppm)	Unit/Formation	Graphic Log	USCS Code	Material Description	Depth (ft)
1775	5		■	0.0	ALLUVIUM		SM	<p>ALLUVIUM  <b>SILTY SAND with gravel (SM/GM), LIGHT BROWN (7.5YR 6/4);</b> poorly graded, some fine to coarse, subrounded to subangular gravel, dry.</p>	5
1770	10		■	0.0					10
1765	15		■	0.0					15
1760	20		■	0.0					20
1755	25		■	0.0			SM	<p><b>SILTY SAND (SM), PINK (7.5YR 7/4);</b> fine to medium grained, some gravel, dry.</p> <p>From 15 to 22.5 feet: Color change to brown 7.5YR 5/4, gravel change to well graded and subrounded.</p> <p>From 24.5: Caliche.                      AT 25.0 feet: Color becomes brown (7.5YR 5/4).</p>	25
1750				0.0			SM	<p><b>SILTY SAND (SM), LIGHT BROWN (7.5YR 6/4);</b> some clay, very slightly moist.</p>	

**Sample/ Recovery Key**

Hand Auger

Sonic Core Recovery

Chemical Sample

First saturated soil cuttings

No Recovery

Physical Test Sample

Elevation (ft.)	Depth (ft)	Soil Drive Interval	Soil Sample Interval	PID (ppm)	Unit/Formation	Graphic Log	USCS Code	Material Description	Depth (ft)
				0.0	ALLUVIUM		SM	From 30.0 feet: Color becomes brown (7.5YR 5/4), trace to little fine gravel, moist.	
1745	35						SC CL-ML	CLAYEY SAND (SC), BROWN (7.5YR 5/4); some silt, wet. SILTY CLAY (CL-ML), BROWN (7.5YR 5/6); soft, wet.	35
1740	40								40
1735	45							Boring completed at a depth of 43.0 feet on 11/14/2014.	45
1730	50								50
1725	55								55
1720	60								60
1715	65								65
1710									

**Sample/ Recovery Key**

Hand Auger

Sonic Core Recovery

Chemical Sample

First saturated soil cuttings

No Recovery

Physical Test Sample

Remarks

1. Soil samples for chemical analyses were collected using a split-spoon sampler advanced ahead of the core barrel.

Elevation (ft.)	Depth (ft)	Soil Drive Interval	Soil Sample Interval	PID (ppm)	Unit/Formation	Graphic Log	USCS Code	Material Description	Depth (ft)
1810	5			1.4			SM	FILL Asphalt pavement.	
				10.8				ALLUVIUM <b>SILTY SAND with gravel (SM), LIGHT BROWN (7.5YR 6/4);</b> fine to coarse grained, gravel 0.5" to 2", loose, dry (20% gravel, 45% sand, 35% fines).	
				11.9					
1805								No recovery from 6.5-10 feet: Large 4" to 5" rock stuck in shoe.	
				9.7			SW-SM	<b>GRAVELLY SAND with silt (SW-SM), LIGHT BROWN (7.5YR 6/4);</b> fine to very coarse grained, gravel 0.5" to 4", some caliche nodules, loose, dry to damp (40% gravel, 50% sand, 10% fines).	
				29.3					
1800				44	ALLUVIUM				
				47.3					
1795				46.6					
				128.4					
				111.8				At 19.0 feet: odor.	
1790				38.6				From 21.5 to 22.5 feet: Caliche zone, very hard, fractured.	
				43.7			SM	<b>SILTY SAND with gravel (SM), LIGHT BROWN (7.5YR 6/4);</b> fine to very coarse grained, gravels 2" to 4", some caliche nodules, loose, dry (35% gravel, 45% sand, 20% fines).	
				11.4					
				31.1					
1785				45.9				From 26.5 to 30.0 feet: Hard drilling.	
				68.2					
				49.7					

**Sample/ Recovery Key**

Hand Auger

Sonic Core Recovery

Chemical Sample

First saturated soil cuttings

No Recovery

Physical Test Sample



Elevation (ft.)	Depth (ft)	Soil Drive Interval	Soil Sample Interval	PID (ppm)	Unit/Formation	Graphic Log	USCS Code	Material Description	Depth (ft)
1780				21.7			SM		
	35			31.8					
				18.7			ML	UPPER MUDDY CREEK FORMATION AT 34.0 FEET <b>SANDY SILT (ML), REDDISH YELLOW (7.5YR 6/6);</b> fine to medium grained sand, trace pea size gravel, cohesive, damp (5% gravel, 25% sand, 70% fines).	35
				9.4	UMCf		MH	<b>SANDY SILT (MH)</b>	
1775									
	40								40
1770									
	45							Boring completed at a depth of 45.0 feet on 11/04/2014.	45
1765									
	50								50
1760									
	55								55
1755									
	60								60
1750									
	65								65
1745									

**Sample/ Recovery Key**

Hand Auger

Sonic Core Recovery

Chemical Sample

First saturated soil cuttings

No Recovery

Physical Test Sample

Remarks

1. Soil samples for chemical analyses were collected using a split-spoon sampler advanced ahead of the core barrel.

Elevation (ft.)	Depth (ft)	Soil Drive Interval	Soil Sample Interval	PID (ppm)	Unit/Formation	Graphic Log	USCS Code	Material Description	Depth (ft)
1810	5		6.0		FILL		SM	FILL Asphalt pavement and gravel.	5
1805	10		8.8		FILL			<b>SILTY SAND with gravel (SM), LIGHT BROWN (7.5YR 6/4);</b> fine to coarse grained, gravel is 0.5" to 4", loose, dry (30% gravel, 50% sand, 20% fines).	5
			10.3		FILL				10
1800	15		15.3					<b>ALLUVIUM</b> <b>SILTY SAND with gravel (SM), LIGHT BROWN (7.5YR 6/4);</b> loose, dry (10% gravel, 75% sand, 15% fines). From 10.0 to 11.5 feet: some caliche nodules.	10
			13.3				SM		15
			11.2						20
			13.4						25
1795	20		19.6		ALLUVIUM		SW-SM	<b>SAND with silt and gravel (SW-SM), LIGHT BROWN (7.5YR 6/4);</b> fine to coarse grained, gravels are pea size up to 4", some caliche nodules, loose, dry to damp (40% gravel, 50% sand, 10% fines).	20
			25.8						25
1790	25		11.2					From 23.0 to 25.0 feet: Caliche zone, fractured, dry.	20
			13.7						25
			14.1					<b>SILTY SAND (SM), LIGHT BROWN (7.5YR 6/4);</b> fine to medium grained, trace pea size gravel, loose, dry to damp (10% gravel, 50% sand, 40% fines).	25
			8.1				SM		25
			15.1				SM		25
1785			16.5					<b>SILTY SAND with gravel (SM), LIGHT BROWN (7.5YR 6/4);</b> fine to medium grained, gravel is 0.5" to 4", loose, dry (25% gravel, 40% sand, 35% fines).	

**Sample/ Recovery Key**

Hand Auger

Sonic Core Recovery

Chemical Sample

First saturated soil cuttings

No Recovery

Physical Test Sample

Elevation (ft.)	Depth (ft)	Soil Drive Interval	Soil Sample Interval	PID (ppm)	Unit/Formation	Graphic Log	USCS Code	Material Description	Depth (ft)	
1780			■	10.6			SM	<b>SILTY SAND (SM), BROWN (7.5YR 4/4);</b> fine to very coarse grained, trace gravel, loose, damp (10% gravel, 60% sand, 30% fines).		
				11.8			SM			
	35		■	14.4				<b>SILTY SAND (SM), PINK (7.5YR 7/4);</b> fine to medium grained, some caliche nodules, damp (5% gravel, 50% sand, 45% fines).	35	
				8.3						
1775				10.7	UMCf		ML	<b>UPPER MUDDY CREEK FORMATION AT 36.5 FEET SILT with sand, STRONG BROWN (7.5YR 5/6);</b> low plasticity, trace caliche nodules, wet (5% gravel, 30% sand, 65% fines).		
	40			8.2						
1770								Boring completed at a depth of 45.0 feet on 11/03/2014.	45	
	45									
1765										50
	50									
1760										55
	55									
1755									60	
	60									
1750									65	
	65									
1745										

**Sample/ Recovery Key**

Hand Auger

Sonic Core Recovery

Chemical Sample

First saturated soil cuttings

No Recovery

Physical Test Sample

**Remarks**

1. Soil samples for chemical analyses were collected using a split-spoon sampler advanced ahead of the core barrel.

Elevation (ft.)	Depth (ft)	Soil Drive Interval	Soil Sample Interval	PID (ppm)	Unit/Formation	Graphic Log	USCS Code	Material Description	Depth (ft)
1795	5			0.0	ALLUVIUM		SW-SM	<p>ALLUVIUM  <b>SAND with silt and gravel (SW-SM), DARK BROWN (7.5 YR 3/2);</b> fine to coarse grained, fine to coarse gravel, dry (30% gravel, 45% sand, 25% fines).                      At 1.5 feet: Color becomes brown (7.5YR 4/4).</p>	5
1790	10			0.0		SW	<p><b>SAND with silt and gravel (SW), BROWN (7.5YR 5/4);</b> well graded, subrounded to subangular gravel, loose, dry.                       At 7.5 feet: Large cobble.                       At 10.0 feet: Decrease in gravel.</p>	10	
1785	15			0.0		SW-SM	<p><b>SILTY SAND with gravel (SW-SM), LIGHT BROWN (7.5YR 6/4);</b> well graded, some fine to coarse, subangular to subrounded gravel, dry.                       From 20.0 to 22.5 feet: Color becomes reddish brown (5YR 5/4), fine to coarse gravel, dense, dry.                       At 25.0 feet: Color change to brown (7.5YR 5/4).</p>	15	
1780	20			0.0					20
1775	25			0.0					25
1770				0.0					

**Sample/ Recovery Key**

Hand Auger

Sonic Core Recovery

Chemical Sample

First saturated soil cuttings

No Recovery

Physical Test Sample

Elevation (ft.)	Depth (ft)	Soil Drive Interval	Soil Sample Interval	PID (ppm)	Unit/Formation	Graphic Log	USCS Code	Material Description	Depth (ft)
1765				0.0	ALLUVIUM		SM	<b>SILTY SAND (SM), BROWN (7.5YR 5/3);</b> well graded, trace mostly fine to coarse gravel, dry.	
35			0.0	SW-SM			<b>SILTY SAND with gravel (SW-SM), BROWN (7.5YR 5/3);</b> well graded, some fine to coarse gravel, fractured caliche.	35	
1760			0.0	SM			<b>SILTY SAND (SM), BROWN (7.5YR 5/4);</b> trace gravel, moist.  From 39.0 to 40.0 feet: No gravel, moist At 40.0 feet: some fine sand, trace fine to coarse gravel, moist.	40	
1755			0.0	UMCf		ML	UPPER MUDDY CREEK FORMATION AT 43.0 FEET <b>CLAYEY SILT (ML), STRONG BROWN (7.5YR 5/6);</b> trace sand, moist to wet.	45	
45			0.0			ML	<b>CLAYEY SILT (ML), STRONG BROWN (7.5YR 5/6);</b> wet.	50	
1750								55	
1745								60	
1740								65	
1735									
1730									
Boring completed at a depth of 55.0 feet on 11/12/2014.									

**Sample/ Recovery Key**

Hand Auger

Sonic Core Recovery

Chemical Sample

First saturated soil cuttings

No Recovery

Physical Test Sample



**Remarks**

1. Soil samples for chemical analyses were collected using a split-spoon sampler advanced ahead of the core barrel.

Elevation (ft.)	Depth (ft)	Soil Drive Interval	Soil Sample Interval	PID (ppm)	Unit/Formation	Graphic Log	USCS Code	Material Description	Depth (ft)
1805				0.3			SM	FILL Asphalt pavement and gravel on top of concrete.	
				2.6				ALLUVIUM <b>SILTY SAND with gravel (SM/GM), BLACK (7.5YR 2.5/1)</b> ; fine to coarse grained, gravel is pea size up to 2", loose, dry (30% gravel, 45% sand, 25% fines). At 1.8 feet: Color becomes strong brown (7.5YR 5/6).	
	5			1.8					
1800				5.2				At 6.5 feet: Some caliche nodules (30% gravel, 45% sand, 25% fines).	5
				4.4					
				8.9					
1795				4.3			SW-SM	<b>SAND with silt and gravel (SW-SM), LIGHT BROWN (7.5YR 6/4)</b> ; well graded, fine to very coarse grained, gravel is pea size up to 4", some caliched nodules, loose, dry (35% gravel, 55% sand, 10% fines).	10
				2.9					
				6.5					
1790				3.3					15
				3.1				From 17.0 to 18.0 feet: Caliche zone, fractured, dry (40% gravel, 40% sand, 20% fines).	
				3.5			SW-SM	<b>SAND with silt and gravel (SW-SM), LIGHT BROWN (7.5YR 6/4)</b> ; well graded, fine to very coarse grained sand, gravel is pea size to 4", some caliched nodules, loose, dry (35% gravel, 55% sand, 10% fines).	20
1785				3.5					
				5.3					
				3.4					
1780				4.4				From 25.0 to 26.5 feet: Very hard and compacted (35% gravel, 55% sand, 10% fines).	25
				13.3					
				3.4					

**Sample/ Recovery Key**

Hand Auger

Sonic Core Recovery

Chemical Sample

First saturated soil cuttings

No Recovery

Physical Test Sample

Elevation (ft.)	Depth (ft)	Soil Drive Interval	Soil Sample Interval	PID (ppm)	Unit/Formation	Graphic Log	USCS Code	Material Description	Depth (ft)
1775			■	5.8			SW-SM		
				5.5			SM	<b>SILTY SAND (SM), LIGHT BROWN (7.5YR 6/4);</b> fine to medium grained, trace pea size gravel, slightly cohesive, slightly moist (5% gravel, 50% sand, 45% fines).	
	35		■	6.1					35
1770			■	4.8					
				7.5			ML	At 36.0 feet: 3" caliche layer, fractured, hard (40% gravel, 40% sand, 20% fines).	
			■	6.7					
1765			▽	0.6				At 40.0 feet: wet (5% gravel, 40% sand, 55% fines).	40
				0.2					
	45			0.4					45
1760									
	50							Boring completed at a depth of 50.0 feet on 11/05/2014.	50
1755									
	55								55
1750									
	60								60
1745									
	65								65
1740									

**Sample/ Recovery Key**

Hand Auger

Sonic Core Recovery

Chemical Sample

First saturated soil cuttings

No Recovery

Physical Test Sample

Remarks

1. Soil samples for chemical analyses were collected using a split-spoon sampler advanced ahead of the core barrel.

Elevation (ft.)	Depth (ft)	Soil Drive Interval	Soil Sample Interval	PID (ppm)	Unit/Formation	Graphic Log	USCS Code	Material Description	Depth (ft)
1798.45	0.0		■	0.0			SP	FILL Asphalt pavement.	0.0
1795	5		■	0.0			SM/GM	ALLUVIUM <b>SAND with gravel (SP), DARK REDDISH BROWN (5YR 3/3);</b> fine to medium grained, some subangular gravel dry. <b>SILTY SAND with gravel (SM/GM), BLACK</b> fine to medium grained, some fine to coarse gravel, little silt, dry (30% gravel, 45% sand, 25% fines).	5
1790	10		■	0.0				From 5.5 to 6.5 feet: Caliche layer, fractured, dry. At 6.5 feet: Decrease in coarse gravel, increase in silt, color becomes very dark brown (7.5YR 3/3) dry.	10
1785	15		■	0.0	ALLUVIUM		SP-SM	<b>SAND with silt and gravel (SP-SM), DARK BROWN (7.5YR 3/4);</b> fine to coarse grained, some fine to coarse subangular gravel, little fines, dry (25% gravel, 60% sand, 15% fines). At 15.0 feet: Increase in gravel, dry.	15
1780	20		■	0.0			SM	<b>SILTY SAND (SM), DARK BROWN (7.5YR 3/4);</b> fine to coarse grained, few fine to coarse gravel, dry (10% gravel, 60% sand, 30% fines).	20
1775	25		■	0.0			SM	<b>SILTY SAND with gravel (SM), BROWN (7.5YR 5/4);</b> fine to coarse grained, some gravel, trace cobbles, dry (20% gravel, 50% sand, 30% fines). At 25.0 feet: Decrease in gravel, dry (10% gravel, 60% sand, 30% fines). At 27.5 feet: Increase in gravel, decrease in silt, dry (25% gravel, 60% sand, 15% fines).	25
1770			■	0.0					

**Sample/ Recovery Key**

Hand Auger

Sonic Core Recovery

Chemical Sample

First saturated soil cuttings

No Recovery

Physical Test Sample

Elevation (ft.)	Depth (ft)	Soil Drive Interval	Soil Sample Interval	PID (ppm)	Unit/Formation	Graphic Log	USCS Code	Material Description	Depth (ft)
1765			■	0.0	ALLUVIUM		SM	<b>SILTY SAND (SM), BROWN (7.5YR 4/4)</b> ; fine to coarse grained, trace gravel, dry (10% gravel, 60% sand, 30% fines).	
	35		■	0.0			SC	From 34.0 to 35.0 feet: Fractured caliche layer, dry. <b>CLAYEY SAND (SC), LIGHT BROWN (7.5YR 6/4)</b> ; trace fine gravel moist (10% gravel, 50% sand, 40% fines). At 36.0 feet: Wet.	35
1760	40			0.0					40
1755	45						SM	<b>SILTY SAND (SM), LIGHT BROWN (7.5YR 6/3)</b> , wet (10% gravel, 60% sand, 30% fines).	45
1750	50				UMCf		CL-ML	UPPER MUDDY CREEK FORMATION AT 45.0 FEET <b>SILTY CLAY (CL-ML), BROWN (7.5YR 5/4)</b> ; soft, plastic, wet.	50
1745	55							Boring completed at a depth of 55.0 feet on 11/12/2014.	55
1740	60								60
1735	65								65
1730									

**Sample/Recovery Key**

Hand Auger

Sonic Core Recovery

Chemical Sample

First saturated soil cuttings

No Recovery

Physical Test Sample

**Remarks**

1. Soil samples for chemical analyses were collected using a split-spoon sampler advanced ahead of the core barrel.

Elevation (ft.)	Depth (ft)	Soil Drive Interval	Soil Sample Interval	PID (ppm)	Unit/Formation	Graphic Log	USCS Code	Material Description	Depth (ft)
				1.4			SM	FILL Asphalt pavement.	
				1.5				ALLUVIUM <b>SILTY SAND with gravel (SM), BLACK (7.5YR 2.5/1)</b> ; fine to coarse grained, gravel is pea size up to 2", loose, dry (15% gravel, 45% sand, 40% fines). At 1.8 feet: Color becomes light brown (7.5YR 6/4) (15% gravel, 45% sand, 40% fines).	
1795	5			1.7				From 4.0 to 4.6 feet: Concrete. From 4.6 to 5.0 feet: Asphalt.	5
				5.2				At 5.0 feet: fine to coarse grained sand, gravel is pea size to 2", loose, dry (15% gravel, 45% sand, 40% fines).	
				8.8					
1790	10			8.2					
				5.1				From 10.0 to 11.5 feet: some caliche nodules (15% gravel, 45% sand, 40% fines).	10
				4.8					
1785	15			4.8	ALLUVIUM				15
				4.9					
				8.5					
1780	20			8.6					20
				6.0					
				9.5			SW-SM	<b>SILTY SAND with gravel (SW-SM), LIGHT BROWN (7.5YR 6/4)</b> ; well graded, fine to very coarse grained, gravel is pea size up to 4", some caliched nodules, loose, dry (30% gravel, 45% sand, 25% fines).	
1775	25			7.7					25
				3.4					
				8.5					
1770				8.3				From 28.0 to 30.0 feet: Caliche, fractured, dry (40% gravel, 40% sand, 20% fines).	

**Sample/ Recovery Key**

Hand Auger

Sonic Core Recovery

Chemical Sample

First saturated soil cuttings

No Recovery

Physical Test Sample



Elevation (ft.)	Depth (ft)	Soil Drive Interval	Soil Sample Interval	PID (ppm)	Unit/Formation	Graphic Log	USCS Code	Material Description	Depth (ft)	
			■	5.2	ALLUVIUM		SM	<b>SILTY SAND (SM), PINK (7.5YR 7/4)</b> ; fine to medium grained, trace pea size gravel, slightly cohesive, dry (5% gravel, 55% sand, 40% fines).		
				6.9			ML	<b>SANDY SILT (ML), STRONG BROWN (7.5YR 5/6)</b> ; fine to medium grained sand, trace gravel, trace caliche nodules, cohesive, moist (5% gravel, 40% sand, 55% fines).		
1765	35		■	3.6						35
				4.5					At 36.5 feet: Wet.	
1760	40								40	
1755	45								45	
								Boring completed at a depth of 61.0 feet on 11/05/2014.		
1750	50								50	
1745	55								55	
1740	60								60	
1735	65								65	
1730										

**Sample/ Recovery Key**

Hand Auger

Sonic Core Recovery

Chemical Sample

First saturated soil cuttings

No Recovery

Physical Test Sample

**Remarks**

1. Soil samples for chemical analyses were collected using a split-spoon sampler advanced ahead of the core barrel.

Notes:

Elevation (ft.)	Depth (ft)	Soil Drive Interval	Soil Sample Interval	PID (ppm)	Unit/Formation	Graphic Log	USCS Code	Material Description	Depth (ft)
1795	5			0.3	ALLUVIUM		SM	<b>ASPHALT.</b> ALLUVIUM <b>SILTY SAND with gravel (SM), DARK YELLOWISH BROWN (10YR 4/4);</b> medium to coarse grained, gravel to 1/2", loose, dry (20% gravel, 65% sand, 15% fines). At 2.0 feet: Color becomes dark grayish brown (10YR 4/2), caliche fragments to 2.5". At 3.0 feet: Color becomes very dark grayish brown (10YR 3/2).. At 3.5 feet: fine to coarse grained sand, subangular gravel to 1", trace cobbles, loose, dark yellowish brown (10YR 4/6), moist to dry (20% gravel, 60% sand, 20% fines).	5
1790	10			0.6		SM	<b>SILTY SAND (SM), BROWN (10YR 4/3);</b> fine to coarse grained, gravel to 2", soil dense and partially cemented, dry (5% gravel, 65% sand, 30% fines).	10	
1785	15			4.0		SM	<b>SILTY SAND with gravel (SM), BROWN (10YR 4/3);</b> fine to medium grained, subangular gravel to 1", loose, moist (15% gravel, 65% sand, 20% fines).  At 12.0 feet: Gravel contains subangular volcanics to 1" and caliche fragments, soil is partially cemented, medium hard, dark grayish brown (10YR 4/2)..  At 14.0 feet: Soil becomes loose, dry (15% gravel, 70% sand, 15% fines).	15	
1780	20			2.0			From 16.5 feet: Poorly graded fine to coarse grained, gravel to 3/4", slight odor, soil loose to partially cemented, grayish brown (10YR 5/2), dry (20% gravel, 60% sand, 20% fines).  At 18.5 feet: Gravel to 2", soil cementation increases, odorous, hard, dry.	20	
1775	25			1.9			From 20.3 feet: Sand medium to coarse grained, gravel to 1", loose, brown (10YR 5/3) moist (15% gravel, 70% sand, 15% fines).  At 23.5 feet: Soil becomes partially cemented, hard, dry (20% gravel, 60% sand, 20% fines).	25	
1770	0.3			0.5			SP	<b>SAND with silt and gravel (SP), DARK YELLOWISH BROWN (10YR 4/4);</b> poorly graded, medium to coarse grained, gravel subangular to 1/2", loose, dry (10% gravel, 80% sand, 10% fines).	
							SM	<b>SILTY SAND (SM), YELLOWISH BROWN (10YR 5/4);</b> fine grained, loose, moist (5% gravel, 70% sand, 25% fines).	
							ML	At 26.5 feet: Evaporite (gypsum) present in soil, light gray (10YR 7/2).. <b>SANDY SILT (ML), STRONG BROWN (7.5YR 5/6);</b> silt contains trace caliche nodules to 1", medium soft to stiff, moist (5% gravel, 40% sand, 55% fines).	

**Sample/ Recovery Key**

Hand Auger

Sonic Core Recovery

Chemical Sample

First saturated soil cuttings


No Recovery


Physical Test Sample


Elevation (ft.)	Depth (ft)	Soil Drive Interval	Soil Sample Interval	PID (ppm)	Unit/Formation	Graphic Log	USCS Code	Material Description	Depth (ft)
▽							ML	At 29.0 feet: Caliche layer 4" thick.	
1765	35				ALLUVIUM		ML	<b>CLAYEY SILT with sand (ML), STRONG BROWN (7.5YR 5/6);</b> trace gravel, low plasticity, medium soft, wet (0% gravel, 30% sand, 70% fines).	35
1760	40							Boring completed at a depth of 40.0 feet on 11/11/2014.	40
1755	45								45
1750	50								50
1745	55								55
1740	60								60
1735	65								65
1730									

**Sample/Recovery Key**


 Hand Auger

 Sonic Core Recovery

 Chemical Sample

 First saturated soil cuttings

 No Recovery

 Physical Test Sample

Remarks

1. Soil samples for chemical analyses were collected using a split-spoon sampler advanced ahead of the core barrel.

Elevation (ft.)	Depth (ft)	Soil Drive Interval	Soil Sample Interval	PID (ppm)	Unit/Formation	Graphic Log	USCS Code	Material Description	Depth (ft)
1795	5		0.2		ALLUVIUM		SM	<p><b>ALLUVIUM SILTY SAND with gravel (SM), BROWN (10YR 5/3);</b> fine to coarse grained, gravel to 2", loose, dry (20% gravel, 60% sand, 20% fines).                      At 1.0 foot: Color becomes very dark brown (10YR 2/2).                      At 1.5 feet: Gravel is subangular to subrounded to 3", color becomes strong brown (7.5YR 5/6), soil contains trace amounts of clay, loose, moist (20% gravel, 65% sand, 15% fines).</p> <p>At 5.0 feet: Color becomes strong brown (7.5YR 4/6), soil contains caliche nodules to 1.5".</p> <p>At 8.0 feet: Color becomes brown (7.5YR 5/6), medium hard and partially cemented.</p>	5
1790	10		4.0				SM	<p><b>SILTY SAND (SM), DARK BROWN (7.5YR 3/2);</b> fine to medium grained, partially cemented, dry (5% gravel, 55% sand, 40% fines).</p> <p>At 18.0 feet: Gravel increases and soil becomes medium hard, brown (7.5YR 5/3) (10% gravel, 50% sand, 40% fines).</p> <p>At 20.0 feet: Soil cementation increases with depth to 23.5', medium hard, brown (7.5YR 4/2), dry.</p>	10
1785	15		9.2				SM	<p><b>SILTY SAND with gravel (SM), BROWN (7.5YR 4/4);</b> medium to coarse grained, gravel contains volcanics to 2", fines increase with depth, cementation increases with depth, moisture decreases with depth (15% gravel, 60% sand, 25% fines).</p> <p>At 28.0 feet: Sand becomes fine to coarse grained, soil is partially cemented, dry (15% gravel, 55% sand, 30% fines).                      At 28.5 feet: Evaporite (gypsum) present in soil, white (10YR 8/1).</p>	15
1780	20		18.7						20
1775	25		9.9						25
1770			11.3						
			20.6						
			13.4						
			20.2						
			17.1						
			16.5						

**Sample/ Recovery Key**

Hand Auger

Sonic Core Recovery

Chemical Sample

First saturated soil cuttings

No Recovery

Physical Test Sample

Elevation (ft.)	Depth (ft)	Soil Drive Interval	Soil Sample Interval	PID (ppm)	Unit/Formation	Graphic Log	USCS Code	Material Description	Depth (ft)
1765			■	10.4	ALLUVIUM		ML	<b>SANDY SILT with gravel (ML), BROWN (7.5YR 5/4)</b> ; fine to medium grained sand, caliche nodules to 1.5", low plasticity, medium soft to hard, moist (15% gravel, 20% sand, 65% fines).	
35	35		■	9.0			SM	<b>SILTY SAND (SM), BROWN (7.5YR 4/4)</b> ; medium to coarse grained, wet (10% gravel, 65% sand, 25% fines).	
1760	40						ML	<b>SANDY SILT (ML), STRONG BROWN (7.5YR 5/6)</b> ; fine grained sand, low plasticity, moist (10% gravel, 20% sand, 70% fines). At 37.0 feet: Wet.	
1755	45							Boring completed at a depth of 45.0 feet on 11/10/2014.	45
1750	50								50
1745	55								55
1740	60								60
1735	65								65
1730									

**Sample/ Recovery Key**

Hand Auger

Sonic Core Recovery

Chemical Sample

First saturated soil cuttings

No Recovery

Physical Test Sample