

APPENDIX K
SOIL GAS ANALYTICAL DATA TABLES

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TABLES

Table K-1	OU-1 Soil Gas Analytical Results Summary
Table K-2	OU-2 Soil Gas Analytical Results Summary

TABLES

Table K-1. OU-1 Soil Gas Analytical Results Summary
 VOCs (µg/m³)
 Nevada Environmental Response Trust Site

Investigation	Location	Sample Depth (ft bgs)	Date	VOCs (µg/m³)																		
				Acetone	Acrolein	Acrylonitrile	Benzene	Benzyl chloride	Bromodichloro-methane	Bromoform	Bromomethane	2-Butanone	Carbon disulfide	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	Cyclohexane	1,2-Dibromo-3-chloropropane	Dibromochloro-methane	1,2-Dibromoethane
Phase 2 RI	RISG-10	5	3/08/2019	<230	--	--	<140	<470	<240	<400	<720	<320	<130	<220	<160	<450	75,000	<230	--	--	<370	<320
		15	3/08/2019	<2,100	--	--	<1,200	<4,200	<2,200	<3,600	<6,400	<2,900	<1,200	<2,000	<1,500	<4,000	850,000	<2,000	--	--	<3,300	<2,900
	RISG-11	5	3/06/2019	<16	--	--	<9.6	<32	<17	31 J	<49	<22	<9.2	450	52	<31	18,000	<15	--	--	<26	<22
		15	3/07/2019	90 J	--	--	<17	<57	<30	<49	<88	<40	<16	580	<20	<55	25,000	<27	--	--	<45	<39
	RISG-12	5	3/07/2019	130 J-	--	--	17 UJ	56 UJ	29 UJ	48 UJ	87 UJ	39 UJ	16 UJ	3,600 J-	20 UJ	54 UJ	25,000 J-	27 UJ	--	--	45 UJ	38 UJ
		15	3/07/2019	170 J	--	--	<19	<63	<33	<54	<98	<44	<18	5,700	<22	<61	46,000 J-	<31	--	--	<50	<43
	RISG-13	5	3/22/2019	12 J	--	--	<5.2	<17	<9.2	<15	<27	<12	<5.0	12 J	<6.1	<17	3,500	<8.4	--	--	<14	<12
		15	3/22/2019	<27	--	--	<16	<54	<28	<46	<83	<37	<15	<26	<19	<52	7,000	<26	--	--	<43	<37
	RISG-14	5	3/11/2019	74 UJ	--	--	44 UJ	150 UJ	78 UJ	130 UJ	230 UJ	100 UJ	43 UJ	71 UJ	52 UJ	140 UJ	35,000 J-	71 UJ	--	--	120 UJ	100 UJ
		15	3/11/2019	260 J-	--	--	61 UJ	200 UJ	110 UJ	180 UJ	310 UJ	140 UJ	59 UJ	97 UJ	71 UJ	200 UJ	56,000 J-	98 UJ	--	--	160 UJ	140 UJ
			3/11/2019 (FD)	270 J-	--	--	56 UJ	190 UJ	97 UJ	160 UJ	290 UJ	130 UJ	71 J-	89 UJ	65 UJ	180 UJ	60,000 J-	89 UJ	--	--	150 UJ	130 UJ
	RISG-15	5	3/11/2019	18 J	--	--	<6.5	<22	<11	<19	<34	<15	29 J	<10	<7.6	<21	8,600	<10	--	--	<17	<15
		15	3/11/2019	67 UJ	--	--	40 UJ	130 UJ	72 J-	110 UJ	200 UJ	92 UJ	78 J-	63 UJ	130 UJ	33,000 J-	64 UJ	--	--	110 UJ	91 UJ	
	RISG-16	5	3/14/2019	<100	--	--	<62	<210	<110	<180	<320	<150	<60	<100	<73	<200	43,000	<100	--	--	<170	<140
	RISG-17	5	3/14/2019	<480	--	--	<280	<950	<500	<810	<1,500	<660	<270	<450	2,000	<910	220,000	<460	--	--	<760	<650
	RISG-18	5	3/14/2019	<58	--	--	<35	<120	<61	<99	<180	<81	<33	<55	<41	<110	12,000	<56	--	--	<93	<79
	RISG-19	5	3/14/2019	<170	--	--	<100	<340	<180	<290	<520	<240	<98	<160	<120	<330	100,000	<160	--	--	<270	<230
	RISG-20	5	3/14/2019	22 J	--	--	<2.8	<9.2	<4.8	<7.9	<14	<6.4	8.5 J	<4.4	<3.2	<8.9	2,800	<4.5	--	--	<7.4	<6.3
		15	3/14/2019	18 J	--	--	<4.7	<16	<8.2	<13	<24	<11	<4.5	<7.5	<5.5	<15	5,200	<7.6	--	--	<13	<11
			3/14/2019 (FD)	15 J	--	--	<6.3	<21	<11	<18	<33	<15	<6.1	<10	<7.4	<20	5,900	<10	--	--	<17	<14
	RISG-21	5	3/11/2019	23 J	--	--	<1.3	<4.2	<2.2	<3.6	<6.5	3.0 J	48	3.3 J	<1.5	<4.1	1,400	<2.0	--	--	<3.4	<2.9
		15	3/11/2019	7.2 J	--	--	<2.4	20 J	<4.2	<6.9	<12	<5.6	8.1 J	4.9 J	<2.8	<7.8	2,800	<3.9	--	--	<6.5	<5.5
	RISG-22	5	3/22/2019	<10	--	--	<6.2	<21	<11	<18	<32	<14	10 J	23 J	<7.2	<20	4,800	<10	--	--	<17	<14
		15	3/22/2019	31 J	--	--	<17	<58	<31	<50	<90	<40	<17	32 J	<20	<56	7,400	<28	--	--	<46	<40
	RISG-23	5	3/08/2019	42	--	--	<1.3	<4.2	<2.2	<3.6	<6.5	<2.9	9.9 J	2.5 J	<1.5	<4.1	240	<2.0	--	--	<3.4	<2.9
		15	3/08/2019	52 J-	--	--	6.5 UJ	22 UJ	11 UJ	19 UJ	34 UJ	15 UJ	6.3 UJ	19 J-	7.6 UJ	21 UJ	3,700 J-	11 UJ	--	--	17 UJ	15 UJ
	RISG-24	5	3/07/2019	79	--	--	<1.3	<4.2	<2.2	<3.6	<6.5	<2.9	24	8.2 J	<1.5	<4.1	680	<2.0	--	--	<3.4	<2.9
		15	3/07/2019	96	--	--	<1.3	<4.2	<2.2	<3.6	<6.5	4.3 J	20 J	20 J	<1.5	<4.1	1,800	<2.0	--	--	<3.4	<2.9
	RISG-25	5	3/08/2019	34	--	--	<1.3	<4.2	<2.2	<3.6	<6.5	3.5 J	5.1 J	8.7 J	<1.5	63	410	<2.0	--	--	<3.4	<2.9
		15	3/08/2019	17 J	--	--	<1.3	<4.2	<2.2	<3.6	<6.5	<2.9	3.6 J	<2.0	<1.5	<4.1	92	<2.0	--	--	<3.4	<2.9
	RISG-26	5	3/07/2019	58 J	--	--	<5.4	<18	<9.4	<15	<28	<12	11 J	1,100	13 J	<17	7,700	<8.6	--	--	<14	<12
15		3/07/2019	170 J	--	--	<15	<49	<26	<42	<75	<34	<14	2,600	470	<47	20,000	<24	--	--	<39	<33	
		3/07/2019 (FD)	97 J	--	--	<15	<49	<26	<42	<75	<34	32 J	2,600	530	<47	20,000	<24	--	--	<39	<33	
RISG-31	5	3/13/2019	19 J	--	--	<1.3	<4.2	<2.2	<3.6	<6.5	<2.9	12 J	<2.0	<1.5	16	<2.3	<2.0	--	--	<3.4	<2.9	
RISG-32	5	3/13/2019	12 J	--	--	<1.3	<4.2	<2.2	<3.6	<6.5	<2.9	14	<2.0	<1.5	<4.1	24	<2.0	--	--	<3.4	<2.9	
	15	3/13/2019	6.3 J	--	--	<1.3	<4.2	<2.2	<3.6	<6.5	<2.9	3.3 J	<2.0	<1.5	8.9 J	58	<2.0	--	--	<3.4	<2.9	
RISG-33	5	3/13/2019	16 J	--	--	<1.3	<4.2	<2.2	<3.6	<6.5	<2.9	11 J	<2.0	<1.5	57	980	<2.0	--	--	<3.4	<2.9	
		3/13/2019 (FD)	8.7 J	--	--	<1.3	<4.2	<2.2	<3.6	<6.5	<2.9	5.9 J	<2.0	<1.5	56	1,000	<2.0	--	--	<3.4	<2.9	
	15	3/13/2019	7.4 J	--	--	4.7 J	<13	<6.6	<11	<19	<8.7	7.2 J	<6.0	10 J	170	2,900	<6.0	--	--	<10	<8.6	
RISG-34	5	3/13/2019	5.9 J	--	--	<1.3	<4.2	<2.2	<3.6	<6.5	<2.9	4.9 J	<2.0	<1.5	15	36	<2.0	--	--	<3.4	<2.9	
	15	3/13/2019	20 J	--	--	<1.3	<4.2	<2.2	<3.6	<6.5	<2.9	7.0 J	<2.0	<1.5	56	39	<2.0	--	--	<3.4	<2.9	
Phase 3 RI	RISG-10	5 - 5.5	11/05/2019	<26	ND	<82	<3.8	<9.3	<6.3	<7.4	--	<27	<17	12 J	<5.3	<23	18,000	<14	<3.8	<360	<6.3	<7.7
		15 - 15.5	11/05/2019	<85	ND	<270	<12	<31	<21	<24	--	<89	<57	29 J	<17	<77	92,000	<47	<12	<1,200	<21	<25
	RISG-11	5 - 5.5	11/05/2019	<26	ND	<81	<3.8	<9.2	<6.3	<7.3	--	<27	<17	380	<5.2	<23	18,000	<14	<3.7	<360	<6.3	<7.6
		15 - 15.5	11/05/2019	<24	ND	<77	<3.6	<8.8	<6.0	<7.0	--	<25	<16	620	<5.0	<22	32,000	<13	18 J	<340	<6.0	<7.2
	RISG-12	5 - 5.5	11/07/2019	<22	ND	<71	<3.3	<8.1	<5.5	<6.4	--	<23	<15	1,800	<4.6	<20	17,000	<12	<3.3	<320	<5.5	<6.7
		15 - 15.5	11/06/2019	<33	ND	<110	<4.9	<12	<8.2	<9.6	--	<35	<22	5,500	<6.9	<30	51,000	<18	<4.9	<470	<8.2	<10
	RISG-13	5 - 5.5	11/07/2019	<11	<19	<1.0	0.52 J	4.2 UJ	<4.2	<7.5	--	<2.8	<6.1	5.6	<2.1	<0.17	2,200	<0.37	<2.1	<82	<4.2	<1.2
		15 - 15.5	11/07/2019	<38	<13	<8.2	<3.7	<4.6	12 J	<5.1	--	<11	<60	23 J	<2.4	<16	10,000	14 UJ	<4.9	16 UJ	11 J	<4.7
	RISG-14	5 - 5.5	11/06/2019	<31	ND	<99	7.4 J	<11	24 J	<9.0	--	<33	<21	<7.5	<6.4	<28	33,000	<17	<4.6	<440	13 J	<9.3

Table K-1. OU-1 Soil Gas Analytical Results Summary
VOCs (µg/m³)
Nevada Environmental Response Trust Site

Investigation	Location	Sample Depth (ft bgs)	Date	VOCs (µg/m³)																		
				Acetone	Acrolein	Acrylonitrile	Benzene	Benzyl chloride	Bromodichloro-methane	Bromoform	Bromomethane	2-Butanone	Carbon disulfide	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	Cyclohexane	1,2-Dibromo-3-chloropropane	Dibromochloro-methane	1,2-Dibromoethane
Phase 3 RI	RISG-14	15 - 15.5	11/06/2019	150 J	ND	<250	<11	<28	59 J	55 J	--	<81	<52	<19	<16	<71	89,000	<43	<11	<1,100	69 J	<23
	RISG-15	5 - 5.5	11/06/2019	<33	<11	<7.2	<3.2	<4.0	9.4 J	44 J	--	<9.6	<52	<5.1	<2.1	<14	7,200	12 UJ	<4.3	14 UJ	14 J	<4.1
		15 - 15.5	11/06/2019	<48	ND	<150	<7.1	<17	96 J	38 J	--	<50	<32	<12	<9.9	<44	45,000	<27	<7.0	<680	70 J	<14
	RISG-16	5 - 5.5	11/06/2019	<30	ND	<94	<4.4	<11	22 J	18 J	--	<31	<20	<7.1	<6.1	<27	35,000	<16	<4.3	<420	16 J	<8.8
	RISG-17	5 - 5.5	11/06/2019	110 J	ND	<340	<17	<47	250 J	67 J	--	<110	<73	<58	<48	<120	230,000	<67	<30	<1,500	96 J	<52
	RISG-18	5 - 5.5	11/06/2019	<64	ND	<200	<9.4	<23	39 J	<18	--	<66	<42	<15	<13	<58	72,000	<35	<9.3	<900	<16	<19
	RISG-19	5 - 5.5	11/06/2019	<58	ND	<180	<8.5	<21	62 J	25 J	--	<60	<38	<14	<12	<52	78,000	<32	<8.4	<820	30 J	<17
	RISG-20	5 - 5.5	1/21/2020	<7.4	ND	<20	<1.7	<1.9	<4.5	<4.5	--	<5.5	<4.9	2.6	<2.2	<0.36	3,000	<0.45	<1.7	<89	<4.8	<0.44
		15 - 15.5	1/21/2020	<14	ND	<37	<4.4	<7.5	<8.6	<15	--	<10	<7.7	7.7 J	<6.3	<7.0	5,900	<20	<6.2	<160	<14	<13
	RISG-21	5 - 5.5	11/07/2019	<6.9	<20	<19	<1.6	<1.8	<4.2	<4.2	--	<5.2	<4.6	1.1 J	<2.1	<0.34	1,200	<0.42	<1.6	<83	<4.4	<0.42
		15 - 15.5	11/07/2019	<15	<5.1	<3.2	<1.5	<1.8	<2.3	<2.0	--	<4.3	<24	3.7 J	<0.95	<6.4	3,600	5.6 UJ	<1.9	6.4 UJ	<2.0	<1.9
	RISG-22	5 - 5.5	11/07/2019	<13	<4.4	<2.8	<1.2	<1.6	<2.0	<1.7	--	<3.7	<20	15 J	<0.81	<5.5	3,700	4.8 UJ	<1.7	5.4 UJ	<1.7	<1.6
		12.4 - 12.9	11/07/2019	<24	ND	<76	<3.5	<8.6	<5.9	<6.9	--	<25	<16	48 J	<4.9	<22	10,000	<13	<3.5	<340	<5.8	<7.1
	RISG-23	5 - 5.5	11/07/2019	<3.5	<10	<9.5	<0.83	<0.90	<2.1	<2.1	--	<2.6	<2.4	3.2	<1.0	<0.17	700	<0.22	<0.82	<42	<2.3	<0.21
		15 - 15.5	11/07/2019	<31	<11	<6.7	<3.0	<3.8	<4.8	<4.1	--	<9.0	<49	25 J	<2.0	<13	8,000	12 UJ	<4.0	13 UJ	<4.0	<3.8
	RISG-24	5 - 5.5	11/05/2019	10 J	<10	<0.52	0.39 J	2.1 UJ	<2.2	<3.8	--	<1.4	<3.2	5.5	<1.1	<0.087	550	0.23 J	<1.1	<42	<2.2	<0.64
		15 - 15.5	11/05/2019	<11	<19	<0.98	0.42 J	4.0 UJ	<4.0	<7.2	--	<2.7	<5.9	20	<2.0	<0.16	2,200	<0.35	<2.0	<79	<4.1	<1.2
	RISG-25	5 - 5.5	11/04/2019	17 J	<9.6	<0.50	0.27 J	2.0 UJ	<2.1	<3.7	--	<1.4	<3.0	8.9	<1.0	89	510	<0.18	1.3 J	<40	<2.1	<0.61
		15 - 15.5	11/04/2019	7.6	<2.1	<0.11	0.15 J	0.44 UJ	<0.45	<0.79	--	0.97 J	<0.65	0.78	0.32 J	0.72	93	0.12 J	<0.23	<8.7	<0.45	<0.13
	RISG-26	5 - 5.5	11/05/2019	<19	<6.4	<4.1	<1.8	<2.3	<2.9	<2.5	--	<5.4	<30	520	<1.2	<8.0	5,600	7.0 UJ	<2.4	8.0 UJ	<2.4	<2.3
		15 - 15.5	11/05/2019	<22	ND	<68	<3.2	<7.8	<5.3	<6.2	--	<22	<14	2,700	110	<20	29,000	<12	<3.2	<300	<5.3	<6.4
	RISG-31	5 - 5.5	11/14/2019	5.8	ND	<1.9	0.23 J	<0.16	<0.19	<0.26	--	0.72 J	1.5 J	0.42	0.56 J	17	1.8	0.19 J	0.41 J	<8.4	<0.14	<0.026
	RISG-32	5 - 5.5	11/14/2019	5.0	ND	<1.7	0.039 J	<0.14	<0.17	<0.24	--	0.48 J	<0.44	0.51	<0.062	0.98	15	<0.12	0.088 J	<7.7	<0.13	<0.024
		15 - 15.5	11/14/2019	12	ND	<1.8	0.13 J	<0.15	0.27 J	<0.26	--	2.0 J	<0.46	0.52	<0.066	9.4	57	<0.13	0.12 J	<8.2	<0.14	<0.025
	RISG-33	5 - 5.5	11/14/2019	4.0 J	ND	<9.4	0.91 J	<0.79	<0.95	<1.3	--	<1.7	<2.4	0.43 J	2.5 J	49	530	<0.68	9.0	<42	<0.73	<0.13
		15 - 15.5	11/14/2019	6.2 J	ND	<19	17	<1.6	<1.9	<2.7	--	<3.5	<4.8	<0.66	32	200	1,900	<1.4	38	<86	<1.5	<0.26
	RISG-34	5 - 5.5	11/14/2019	3.1 J	ND	<2.0	0.055 J	<0.16	<0.20	<0.27	--	0.55 J	<0.49	0.48	0.20 J	11	30	<0.14	0.26 J	<8.7	<0.15	<0.027
		15 - 15.5	11/14/2019	4.0 J	ND	<1.9	2.3	<0.16	0.48 J	<0.26	--	0.80 J	0.73 J	0.55	3.2	64	110	0.29 J	0.26 J	<8.3	<0.14	<0.026
	RISG-79	5 - 5.5	12/17/2019	18 J	ND	<0.91	1.2 J	<3.7	<3.8	<6.7	--	<2.5	<5.5	200	<1.9	<0.15	1,100	<0.33	<1.9	<73	<3.8	<1.1
		15 - 15.5	12/17/2019	13	ND	<0.20	1.2	<0.84	<0.85	<1.5	--	1.2 J	16	70	<0.42	0.12 J	300	0.14 J	0.90 J	<16	<0.86	<0.25
	RISG-80	5 - 5.5	11/15/2019	58 J	ND	<81	<4.2	<11	<6.3	<13	--	<27	<18	<14	<12	42 J	21,000	<16	<7.1	<360	<16	<13
		15 - 15.5	11/15/2019	240	ND	<30	2.1 J	<1.1	3.8 J	<4.3	--	33 J	10 J	<3.1	<1.6	14 J	4,400	<4.6	<1.9	<17	<6.0	<3.2
	RISG-81	5 - 5.5	11/18/2019	17 J	ND	<19	2.6 J	<1.6	2.5 J	<2.7	--	<3.6	17 J	1.6 J	1.3 J	0.21 J	110	1.4 UJ	<0.98	<86	<1.5	<0.27
		14 - 14.5	11/18/2019	36	ND	<6.4	1.1	<0.53	0.83 J	<0.89	--	9.0	3.9 J	3.2	1.0 J	0.14 J	310	0.46 UJ	<0.32	<28	<0.49	<0.088
	RISG-82	5 - 5.5	11/18/2019	25 J	ND	<34	<2.2	<1.2	<3.1	<4.8	--	<11	15 J	38	2.0 J	<4.9	4,400	<5.1	2.4 J	<19	<6.6	<3.6
		15 - 15.5	11/18/2019	54 J	ND	<74	5.3 J	<2.6	<6.8	<10	--	<24	<16	64	<3.9	<11	10,000	<11	<4.7	<41	<14	<7.8
	RISG-83	5 - 5.5	11/15/2019	130 J	ND	<85	<5.6	<3.0	<7.9	<12	--	<27	<18	<8.6	<4.5	39 J	14,000	<13	<5.4	<48	<17	<9.0
		15 - 15.5	11/15/2019	71 J	ND	<76	<3.9	<11	6.8 J	<12	--	<25	<16	<13	<11	100	48,000	<15	<6.7	<340	<15	<12
	RISG-84	5 - 5.5	11/15/2019	<60	ND	<140	<9.0	<4.9	<13	<20	--	<44	<29	2,200	<7.2	<20	23,000	<21	<8.7	<76	<27	<14
		15 - 15.5	11/15/2019	56 J	ND	<120	<6.1	<16	54 J	<19	--	<39	28 J	7,500	<17	<41	93,000	<24	<10	<530	<24	<18
RISG-85	5 - 5.5	11/19/2019	31 J	ND	<18	2.1 J	<1.5	5.5 J	<2.6	--	<3.4	14 J	3.2	<0.66	0.27 J	1,700	1.3 UJ	<0.93	<82	1.5 J	<0.25	
	14 - 14.5	11/19/2019	36 J	ND	<39	<2.6	<1.4	<3.6	<5.6	--	<12	<8.4	10 J	<2.1	<5.7	5,900	<6.0	<2.5	<22	<7.7	<4.2	
RISG-86	5 - 5.5	12/02/2019	<29	ND	<75	<8.8	<15	41 J	<30	--	<21	<16	34 J	<13	35 J	11,000	<40	<12	<330	<28	<26	
	14 - 14.5	12/02/2019	20 J	ND	<31	9.7 J	<6.3	16 J	<12	--	<8.6	<6.5	13 J	<5.3	34 J	5,200	<16	<5.2	<140	<12	<11	
RISG-87	5 - 5.5	11/19/2019	16	ND	<2.2	2.0	<0.18	3.2	<0.30	--	5.1	20	1.6	0.55 J	0.064 J	18	0.19 J	1.4	<9.7	0.64 J	<0.030	
	15 - 15.5	11/19/2019	20	ND	<4.3	1.1	<0.36	1.7 J	<0.60	--	12	1.9 J	3.8	0.53 J	0.042 J	27	0.31 UJ	0.65 J	<19	<0.33	<0.059	
RISG-88	5 - 5.5	12/18/2019	15	ND	<0.18	0.74	<0.74	<0.75	<1.3	--	1.6 J	8.5	2.1	<0.37	0.22 J	17	0.065 J	<0.38	<14	<0.76	<0.22	
	15 - 15.5	12/18/2019	32	ND	<0.50	0.90 J	<2.0	<2.0	<3.6	--	11 J	<3.0	4.7	<1.0	0.22 J	52	0.20 J	<1.0	<40	<2.1	<0.60	
RISG-89	5 - 5.5	1/21/2020	15 J	ND	<18	<1.6	<1.7	4.5 J	<4.0	--	<5.0	<4.4	4.5	<2.0	<0.32	1,600	<0.41	<1.5	<80	<4.3	<0.40	
	15 - 15.5	1/08/2020	32 J	ND	<30	<3.5	<6.0	14 J	<12	--	21 J	<6.2	6.8 J	<5.0	<5.6	3,700	<16	<4.9	<130	<11	<10	

Table K-1. OU-1 Soil Gas Analytical Results Summary

VOCs (µg/m³)

Nevada Environmental Response Trust Site

Investigation	Location	Sample Depth (ft bgs)	Date	VOCs (µg/m³)																		
				Acetone	Acrolein	Acrylonitrile	Benzene	Benzyl chloride	Bromodichloro-methane	Bromoform	Bromomethane	2-Butanone	Carbon disulfide	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	Cyclohexane	1,2-Dibromo-3-chloropropane	Dibromochloro-methane	1,2-Dibromoethane
Phase 3 RI	RISG-89	15 - 15.5	1/08/2020 (FD)	22 J	ND	<30	<3.6	<6.2	14 J	<12	--	15 J	<6.3	9.2 J	<5.1	<5.7	3,800	<16	<5.0	<140	<11	<11
	RISG-90	5 - 5.5	12/17/2019	30	ND	<0.24	1.3	<0.96	<0.97	<1.7	--	2.3 J	15	0.99	<0.48	<0.039	3.1	0.14 J	<0.49	<19	<0.98	<0.28
		15 - 15.5	12/17/2019	61	ND	<1.0	1.3 J	<4.2	<4.3	<7.6	--	16 J	<6.3	2.0 J	<2.1	<0.17	8.3	<0.38	<2.2	<84	<4.4	<1.3

Notes:

(FD): field duplicate

ft bgs: feet below ground surface

µg/m³: micrograms per cubic meter

'--': not analyzed

Bold value: detected result

< : Not detected above laboratory reporting limits

J : Estimated value

J- : Estimated value, potential negative bias

J+ : Estimated value, potential positive bias

UJ : The analyte was not detected, detection limit is an estimated quantity

ND : Result reported as tentatively identified compound and not detected

Table K-1. OU-1 Soil Gas Analytical Results Summary
VOCs (µg/m³)
Nevada Environmental Response Trust Site

Investigation	Location	Sample Depth (ft bgs)	Date	VOCs (µg/m³)																		
				1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Dichlorodifluoro methane	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,2-Dichloropropane	cis-1,3-Dichloropropene	trans-1,3-Dichloropropene	1,4-Dioxane	Ethanol	Ethyl acetate	Ethyl benzene	4-Ethyltoluene	Freon 113	Freon 114
Phase 2 RI	RISG-10	5	3/08/2019	<430	<370	<500	<400	<160	<200	<160	<200	<220	<610	<260	<220	--	--	--	<150	<510	<690	<600
		15	3/08/2019	<3,900	<3,300	<4,400	<3,500	1,600 J	<1,800	<1,400	<1,700	<2,000	<5,500	<2,300	<2,000	--	--	--	<1,400	<4,600	<6,200	<5,400
	RISG-11	5	3/06/2019	36 J	49 J	34 J	<27	<11	<14	<11	<13	<15	<42	<18	<15	--	--	--	25 J	<35	<48	<41
		15	3/07/2019	<53	<45	<60	<48	<20	<24	<19	<24	<27	<75	<32	<27	--	--	--	<18	<62	<84	<73
	RISG-12	5	3/07/2019	52 UJ	44 UJ	60 UJ	48 UJ	19 UJ	24 UJ	19 UJ	23 UJ	26 UJ	74 UJ	31 UJ	27 UJ	--	--	--	18 UJ	61 UJ	83 UJ	72 UJ
		15	3/07/2019	<59	<50	<67	<54	<22	<27	<21	<26	<30	<83	<35	<30	--	--	--	<21	<69	<94	<81
	RISG-13	5	3/22/2019	<16	<14	<19	<15	<6.0	<7.4	570	<7.3	<8.2	<23	<9.8	<8.3	--	--	--	<5.7	<19	<26	<22
		15	3/22/2019	<50	<42	<57	<46	<19	<23	1,300	<22	<25	<70	<30	<25	--	--	--	<17	<58	<79	<69
	RISG-14	5	3/11/2019	140 UJ	120 UJ	160 UJ	130 UJ	51 UJ	63 UJ	50 UJ	62 UJ	70 UJ	190 UJ	83 UJ	70 UJ	--	--	--	48 UJ	160 UJ	220 UJ	190 UJ
			3/11/2019	190 UJ	160 UJ	220 UJ	170 UJ	71 UJ	86 UJ	69 UJ	85 UJ	96 UJ	270 UJ	110 UJ	97 UJ	--	--	--	66 UJ	220 UJ	300 UJ	260 UJ
			3/11/2019 (FD)	170 UJ	150 UJ	200 UJ	160 UJ	64 UJ	78 UJ	63 UJ	78 UJ	87 UJ	240 UJ	100 UJ	88 UJ	--	--	--	60 UJ	200 UJ	270 UJ	240 UJ
	RISG-15	5	3/11/2019	<20	<17	<23	<18	<7.5	<9.2	<7.4	<9.1	<10	<29	<12	<10	--	--	--	<7.1	<24	<32	<28
		15	3/11/2019	120 UJ	100 UJ	140 UJ	110 UJ	46 UJ	56 UJ	45 UJ	56 UJ	62 UJ	170 UJ	74 UJ	63 UJ	--	--	--	43 UJ	140 UJ	200 UJ	170 UJ
	RISG-16	5	3/14/2019	<190	<160	<220	<180	<72	<88	<71	<87	<98	<270	<120	<99	--	--	--	<68	<230	<310	<270
	RISG-17	5	3/14/2019	<880	<740	<1,000	<810	<330	<400	330 J	<400	<450	<1,200	<530	<450	--	--	--	<310	<1,000	<1,400	<1,200
	RISG-18	5	3/14/2019	<110	<91	<120	<99	<40	<49	<39	<49	<55	<150	<65	<55	--	--	--	<38	<130	<170	<150
	RISG-19	5	3/14/2019	<310	<270	<360	<290	<120	<140	<110	<140	<160	<450	<190	<160	--	--	--	<110	<370	<500	<440
	RISG-20	5	3/14/2019	<8.6	<7.2	<9.8	<7.9	<3.2	<3.9	<3.1	<3.9	<4.3	<12	<5.2	<4.4	--	--	--	6.2 J	<10	<14	<12
			3/14/2019	<15	<12	<17	<13	<5.4	<6.6	<5.3	<6.6	<7.4	<21	<8.8	<7.4	--	--	--	<5.1	<17	<23	<20
			3/14/2019 (FD)	<20	<17	<22	<18	<7.3	<8.9	<7.1	<8.8	<9.9	<28	<12	<10	--	--	--	<6.8	<23	<31	<27
	RISG-21	5	3/11/2019	<3.9	6.2 J	<4.5	4.3 J	<1.5	<1.8	<1.4	<1.8	<2.0	<5.5	<2.4	<2.0	--	--	--	1.7 J	<4.6	<6.2	<5.4
		15	3/11/2019	<7.5	<6.3	<8.6	<6.9	<2.8	<3.4	<2.7	<3.4	<3.8	<11	<4.5	<3.8	--	--	--	<2.6	<8.8	<12	<10
	RISG-22	5	3/22/2019	<19	<16	<22	<18	<7.2	<8.8	25 J	<8.7	<9.8	<27	<12	<9.8	--	--	--	<6.7	<23	<31	<27
		15	3/22/2019	<54	<46	<62	<49	<20	<25	37 J	<24	<27	<77	<33	<28	--	--	--	<19	<63	<86	<75
	RISG-23	5	3/08/2019	<3.9	<3.3	<4.5	3.8 J	<1.5	<1.8	<1.4	<1.8	<2.0	<5.5	<2.4	<2.0	--	--	--	<1.4	<4.6	<6.2	<5.4
		15	3/08/2019	20 UJ	34 J	23 UJ	19 UJ	7.5 UJ	9.2 UJ	7.4 UJ	9.1 UJ	10 UJ	29 UJ	12 UJ	10 UJ	--	--	--	7.1 UJ	24 UJ	32 UJ	28 UJ
	RISG-24	5	3/07/2019	<3.9	9.7 J	<4.5	<3.6	<1.5	<1.8	<1.4	<1.8	<2.0	<5.5	<2.4	<2.0	--	--	--	<1.4	<4.6	<6.2	<5.4
		15	3/07/2019	<3.9	13	<4.5	<3.6	<1.5	<1.8	<1.4	<1.8	<2.0	<5.5	<2.4	<2.0	--	--	--	<1.4	<4.6	<6.2	<5.4
	RISG-25	5	3/08/2019	<3.9	<3.3	<4.5	4.6 J	290	7.1 J	<1.4	<1.8	<2.0	<5.5	<2.4	<2.0	--	--	--	<1.4	<4.6	<6.2	<5.4
		15	3/08/2019	<3.9	<3.3	<4.5	3.8 J	24	<1.8	<1.4	<1.8	<2.0	<5.5	<2.4	<2.0	--	--	--	<1.4	<4.6	<6.2	<5.4
RISG-26	5	3/07/2019	<17	<14	<19	<15	<6.2	<7.6	<6.1	<7.5	<8.4	<24	<10	<8.5	--	--	--	<5.8	<20	<27	<23	
		3/07/2019	<45	<38	<52	<42	<17	<21	<17	<20	<23	<64	<27	<23	--	--	--	<16	<53	<72	<63	
		3/07/2019 (FD)	57 J	<38	<52	<42	<17	<21	<17	<20	<23	<64	<27	<23	--	--	--	<16	<53	<72	<63	
RISG-31	5	3/13/2019	<3.9	<3.3	<4.5	3.8 J	<1.5	<1.8	<1.4	<1.8	<2.0	<5.5	<2.4	<2.0	--	--	--	<1.4	<4.6	<6.2	<5.4	
RISG-32	5	3/13/2019	<3.9	<3.3	<4.5	3.7 J	6.3	<1.8	<1.4	<1.8	<2.0	<5.5	<2.4	<2.0	--	--	--	<1.4	<4.6	<6.2	<5.4	
	15	3/13/2019	<3.9	<3.3	<4.5	3.6 J	19	<1.8	<1.4	<1.8	<2.0	<5.5	<2.4	<2.0	--	--	--	<1.4	<4.6	<6.2	<5.4	
RISG-33	5	3/13/2019	<3.9	<3.3	<4.5	4.1 J	150	17	1.8 J	<1.8	<2.0	<5.5	<2.4	<2.0	--	--	--	<1.4	<4.6	<6.2	<5.4	
		3/13/2019 (FD)	4.8 J	8.1 J	<4.5	4.2 J	160	17	1.7 J	<1.8	<2.0	<5.5	<2.4	<2.0	--	--	--	<1.4	<4.6	<6.2	<5.4	
		3/13/2019	19 J	57	16 J	<11	480	70	<4.2	<5.2	<5.9	<16	<7.0	<5.9	--	--	--	<4.1	<14	<19	<16	
RISG-34	5	3/13/2019	<3.9	<3.3	<4.5	4.1 J	<1.5	<1.8	<1.4	<1.8	<2.0	<5.5	<2.4	<2.0	--	--	--	<1.4	<4.6	<6.2	<5.4	
	15	3/13/2019	<3.9	<3.3	<4.5	4.1 J	<1.5	<1.8	<1.4	<1.8	<2.0	<5.5	<2.4	<2.0	--	--	--	<1.4	<4.6	<6.2	<5.4	
Phase 3 RI	RISG-10	5 - 5.5	11/05/2019	<6.2	<7.4	<6.7	<5.4	14 J	<7.0	<5.9	<7.7	<8.2	<7.8	--	--	<38	45 UJ	<140	<4.7	<14	<13	--
		15 - 15.5	11/05/2019	<21	<24	<22	<18	100 J	38 J	<20	<25	<27	<26	--	--	<120	150 UJ	<450	<15	<46	<43	--
	RISG-11	5 - 5.5	11/05/2019	<6.2	7.6 J	<6.6	<5.4	<6.7	<7.0	<5.8	<7.6	<8.1	<7.7	--	--	<37	44 UJ	<130	<4.6	<14	<13	--
		15 - 15.5	11/05/2019	<5.9	9.2 J	<6.3	<5.1	<6.4	7.6 J	<5.6	<7.3	<7.7	<7.3	--	--	<36	42 UJ	<130	<4.4	<13	<12	--
	RISG-12	5 - 5.5	11/07/2019	<5.4	<6.4	<5.8	<4.7	<5.9	<6.1	<5.1	<6.7	<7.1	<6.7	--	--	<33	39 UJ	<120	<4.0	<12	<11	--
		15 - 15.5	11/06/2019	<8.1	<9.6	<8.7	<7.0	<8.8	<9.1	<7.7	<10	<10	<10	--	--	<49	58 UJ	<180	<6.1	<18	<17	--
	RISG-13	5 - 5.5	11/07/2019	6.9 UJ	5.9 UJ	1.4 UJ	1.8	0.67 J	<0.27	310	<0.23	<0.21	<1.8	--	--	<1.0	<3.4	<31	<0.20	<2.2	<8.7	--
		15 - 15.5	11/07/2019	<4.7	<2.4	<4.8	<4.3	<6.3	<3.4	1,300	<5.6	<7.7	<8.0	--	--	<6.8	14 UJ	<7.0	<4.7	<3.4	<11	--
RISG-14	5 - 5.5	11/06/2019	<7.6	<8.9	<8.1	<6.6	<8.2	<8.5	16 J	<9.4	<9.9	<9.4	--	--	<46	54 UJ	<160	<5.7	<17	<16	--	

Table K-1. OU-1 Soil Gas Analytical Results Summary
 VOCs (µg/m³)
 Nevada Environmental Response Trust Site

Investigation	Location	Sample Depth (ft bgs)	Date	VOCs (µg/m³)																		
				1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Dichlorodifluoro methane	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,2-Dichloropropane	cis-1,3-Dichloropropene	trans-1,3-Dichloropropene	1,4-Dioxane	Ethanol	Ethyl acetate	Ethyl benzene	4-Ethyltoluene	Freon 113	Freon 114
Phase 3 RI	RISG-14	15 - 15.5	11/06/2019	<19	<22	<20	<16	<20	<21	<18	<23	<25	<23	--	--	<110	130 UJ	<410	<14	<42	<39	--
	RISG-15	5 - 5.5	11/06/2019	<4.1	<2.1	<4.2	<3.8	<5.5	<3.0	<7.2	<4.9	<6.7	<7.0	--	--	<5.9	12 UJ	<6.1	<4.1	<3.0	<9.7	--
		15 - 15.5	11/06/2019	<12	<14	<12	<10	<13	<13	<11	<14	<15	<14	--	--	<70	83 UJ	<250	<8.7	<26	<24	--
	RISG-16	5 - 5.5	11/06/2019	<7.2	<8.5	<7.7	<6.2	<7.8	<8.1	17 J	<8.9	<9.4	<8.9	--	--	<43	51 UJ	<160	<5.4	<16	<15	--
	RISG-17	5 - 5.5	11/06/2019	<56	<36	<40	<42	<44	<30	180	<47	<59	<48	--	--	<150	<64	<560	<34	<57	<53	--
	RISG-18	5 - 5.5	11/06/2019	<15	<18	<16	<13	<17	<17	26 J	<19	<20	<19	--	--	<93	110 UJ	<340	<12	<34	<32	--
	RISG-19	5 - 5.5	11/06/2019	<14	<16	<15	<12	<15	<16	14 J	<17	<18	<17	--	--	<84	100 UJ	<300	<10	<31	<29	--
	RISG-20	5 - 5.5	1/21/2020	<2.0	<3.8	<1.2	2.6	<0.50	<0.27	0.66 J	<0.51	<0.56	<2.0	--	--	<3.5	<3.6	<33	<1.0	<2.1	<2.8	--
		15 - 15.5	1/21/2020	<11	<10	<11	<8.0	<6.6	<9.0	<7.4	<4.7	<5.1	<12	--	--	<32	<22	<61	<7.4	<5.4	<16	--
	RISG-21	5 - 5.5	11/07/2019	<1.9	<3.6	<1.2	2.6	<0.46	<0.25	<0.54	<0.48	<0.52	<1.9	--	--	<3.3	3.4 UJ	<31	<0.98	<2.0	<2.6	--
		15 - 15.5	11/07/2019	<1.8	<0.94	<1.9	3.0 J	<2.5	<1.4	<3.3	<2.2	<3.0	<3.2	--	--	<2.7	5.5 UJ	<2.8	<1.8	<1.4	<4.4	--
	RISG-22	5 - 5.5	11/07/2019	<1.6	<0.80	<1.6	2.6 J	<2.1	<1.2	7.4 J	<1.9	<2.6	<2.7	--	--	<2.3	4.7 UJ	<2.4	<1.6	<1.2	<3.8	--
		12.4 - 12.9	11/07/2019	<5.8	<6.8	<6.2	<5.0	<6.3	<6.5	21 J	<7.1	<7.6	<7.2	--	--	<35	41 UJ	<130	<4.3	<13	<12	--
	RISG-23	5 - 5.5	11/07/2019	<0.97	<1.8	<0.60	2.3	<0.24	<0.13	<0.28	<0.24	<0.27	<0.98	--	--	<1.7	1.7 UJ	<16	<0.50	<1.0	<1.3	--
		15 - 15.5	11/07/2019	<3.8	<1.9	<3.9	<3.6	<5.2	<2.8	<6.7	<4.6	<6.3	<6.6	--	--	<5.6	11 UJ	<5.7	<3.8	<2.8	<9.1	--
	RISG-24	5 - 5.5	11/05/2019	3.6 UJ	3.0 UJ	0.71 UJ	1.6	0.13 J	<0.14	<0.10	<0.12	<0.11	<0.90	--	--	<0.52	<1.8	<16	<0.10	<1.2	<4.4	--
		15 - 15.5	11/05/2019	6.6 UJ	5.6 UJ	1.3 UJ	1.6	<0.22	<0.26	0.55 J	<0.22	<0.20	<1.7	--	--	<0.97	<3.3	<29	<0.19	<2.1	<8.3	--
	RISG-25	5 - 5.5	11/04/2019	3.4 UJ	2.9 UJ	0.68 UJ	2.0	360	9.3	0.42	<0.11	0.55 J	0.88 J	--	--	<0.50	<1.7	<15	<0.097	<1.1	<4.3	--
		15 - 15.5	11/04/2019	0.73 UJ	2.0 J-	1.2 J-	1.6	22	0.046 J	<0.020	<0.024	0.029 J	<0.18	--	--	<0.11	0.84 J	<3.2	0.072 J	<0.24	<0.92	--
	RISG-26	5 - 5.5	11/05/2019	<2.3	<1.2	<2.4	<2.2	<3.1	<1.7	<4.1	<2.8	<3.8	<4.0	--	--	<3.4	7.0 UJ	<3.5	<2.3	<1.7	<5.5	--
		15 - 15.5	11/05/2019	<5.2	<6.2	<5.6	<4.5	<5.7	<5.9	<4.9	<6.4	<6.8	<6.5	--	--	<32	37 UJ	<110	<3.9	<12	<11	--
	RISG-31	5 - 5.5	11/14/2019	<0.16	0.25 J	<0.11	1.8 J-	0.40	1.0	0.31	2.2	0.12 J	<0.14	--	--	<0.12	0.71 J	<3.1	0.014 J	<0.094	0.51 J	--
	RISG-32	5 - 5.5	11/14/2019	<0.14	<0.20	<0.10	1.9 J-	4.2	0.015 J	<0.014	<0.0072	<0.0079	<0.14	--	--	<0.11	0.52 J	<2.9	<0.0080	<0.086	0.53 J	--
		15 - 15.5	11/14/2019	<0.15	<0.22	<0.11	1.8 J-	19	0.32	<0.015	<0.0076	0.054 J	<0.14	--	--	<0.11	1.5 J	<3.0	0.013 J	<0.091	0.49 J	--
	RISG-33	5 - 5.5	11/14/2019	4.9 J	12	2.0	1.9 J-	170	17	1.3	<0.039	0.44 J	<0.73	--	--	<0.59	<1.8	<16	<0.044	<0.47	<1.1	--
		15 - 15.5	11/14/2019	27	130	28	2.0 J-	660	98	5.6	0.19 J	1.7 J	1.9 J	--	--	<1.2	<3.7	<32	<0.089	<0.96	<2.2	--
	RISG-34	5 - 5.5	11/14/2019	<0.16	<0.23	<0.12	1.8 J-	0.46	0.63	0.036 J	<0.0081	<0.0088	<0.15	--	--	<0.12	0.52 J	<3.2	0.025 J	<0.097	0.56 J	--
		15 - 15.5	11/14/2019	1.7	1.8	0.80	1.8 J-	1.9	7.2	0.21	<0.0078	0.080 J	<0.14	--	--	<0.12	0.81 J	<3.1	0.084 J	<0.093	0.52 J	--
	RISG-79	5 - 5.5	12/17/2019	6.2 UJ	<5.2	1.2 UJ	2.3	0.27 J	<0.24	2.9	<0.20	<0.19	<1.6	--	--	<0.91	10 J+	<27	0.51 J	2.0 UJ	<7.7	--
		15 - 15.5	12/17/2019	1.4 UJ	2.4	0.28 UJ	2.1	0.11 J	0.091 J	0.42	<0.046	0.064 J	<0.35	--	--	<0.20	6.6 J+	<6.2	0.50	0.97 J	<1.7	--
	RISG-80	5 - 5.5	11/15/2019	<14	<8.6	<9.6	<10	140	71	<5.0	<11	<14	<11	--	--	<37	96	<130	<8.1	<14	<13	--
		15 - 15.5	11/15/2019	<2.5	20 J	<2.5	<2.4	32	15	<4.2	<2.8	<5.3	<4.2	--	--	<7.3	67	<50	<3.0	<2.7	<3.8	--
	RISG-81	5 - 5.5	11/18/2019	<1.6	3.9 J	<1.2	1.8 J-	0.14 J	0.21 J	0.53 J	<0.081	<0.088	<1.5	--	--	<1.2	5.0 J-	<32	5.2	290	<2.2	--
		14 - 14.5	11/18/2019	1.0 J	5.4	0.60 J	1.6 J-	0.42 J	0.21 J	1.8	<0.026	<0.029	<0.50	--	--	<0.40	8.7 J-	<10	0.26 J	0.41 J	<0.73	--
	RISG-82	5 - 5.5	11/18/2019	<2.8	<2.8	<2.8	<2.7	<3.4	<5.6	15 J	<3.1	<5.8	<4.7	--	--	<8.1	<8.0	<56	<3.4	<3.0	<4.2	--
		15 - 15.5	11/18/2019	<6.1	<6.1	<6.2	<5.9	<7.6	<12	49	<6.7	<13	<10	--	--	<18	<18	<120	<7.4	<6.7	<9.1	--
	RISG-83	5 - 5.5	11/15/2019	<7.1	<7.0	<7.1	<6.8	71	20 J	<12	<7.8	<15	<12	--	--	<20	<20	<140	<8.5	<7.7	<10	--
		15 - 15.5	11/15/2019	<13	<8.1	<8.9	<9.6	190	60	<4.7	<11	<13	<11	--	--	<35	86	<130	<7.6	<13	<12	--
	RISG-84	5 - 5.5	11/15/2019	<11	<11	<11	<11	<14	<23	<19	<12	<24	<19	--	--	<33	<32	<230	<14	<12	<17	--
		15 - 15.5	11/15/2019	<20	29 J	<14	<15	<15	<11	<7.4	<17	<21	<17	--	--	<54	<22	<200	<12	<20	<19	--
	RISG-85	5 - 5.5	11/19/2019	<1.5	<2.2	<1.1	1.8 J-	0.81 J	<0.085	58	<0.077	<0.084	<1.4	--	--	<1.2	8.7 J-	<31	0.74 J	<0.92	<2.1	--
		14 - 14.5	11/19/2019	<3.3	<3.2	<3.3	<3.1	<4.0	<6.6	230	<3.6	<6.8	<5.4	--	--	<9.4	<9.4	<65	<3.9	<3.6	<4.8	--
RISG-86	5 - 5.5	12/02/2019	<23	<21	<22	<16	<13	<18	4,700	<9.6	<10	<24	--	--	<66	<44	<120	<15	<11	<32	--	
	14 - 14.5	12/02/2019	<9.5	<8.6	<9.0	<6.7	<5.5	<7.5	1,500	<4.0	<4.2	<9.9	--	--	<27	<18	<52	<6.2	<4.6	<13	--	
RISG-87	5 - 5.5	11/19/2019	0.20 J	<0.26	0.19 J	1.7 J-	0.23	0.063 J	38	<0.0090	<0.0098	<0.17	--	--	0.23 J	2.1 J-	<3.6	0.67	2.3	0.55 J	--	
	15 - 15.5	11/19/2019	1.7 J	2.1 J	<0.26	1.6 J-	1.0	<0.020	170	0.066 J	<0.019	<0.33	--	--	<0.27	4.0 J-	<7.1	0.33 J	4.6	0.58 J	--	
RISG-88	5 - 5.5	12/18/2019	1.2 UJ	2.6	0.24 UJ	2.0	6.2	<0.048	35	<0.040	<0.038	<0.31	--	--	<0.18	7.6 J+	<5.4	0.25 J	0.46 J	<1.5	--	
	15 - 15.5	12/18/2019	3.4 UJ	<2.9	0.68 UJ	2.1	17	<0.13	110	<0.11	<0.10	<0.86	--	--	<0.50	15 J+	<15	0.26 J	1.1 UJ	<4.2	--	
RISG-89	5 - 5.5	1/21/2020	<1.8	<3.4	<1.1	2.6	<0.44	<0.24	<0.52	<0.46	<0.50	<1.8	--	--	<3.2	9.2 J	<30	<0.94	<1.9	<2.5	--	
	15 - 15.5	1/08/2020	<9.0	<8.2	<8.6	<6.4	<5.3	<7.2	<6.0	<3.8	<4.1	<9.5	--	--	<26	<17	<49	<5.9	<4.4	<12	--	

Table K-1. OU-1 Soil Gas Analytical Results Summary
VOCs (µg/m³)
Nevada Environmental Response Trust Site

Investigation	Location	Sample Depth (ft bgs)	Date	VOCs (µg/m³)																		
				1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Dichlorodifluoro methane	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,2-Dichloropropane	cis-1,3-Dichloropropene	trans-1,3-Dichloropropene	1,4-Dioxane	Ethanol	Ethyl acetate	Ethyl benzene	4-Ethyltoluene	Freon 113	Freon 114
Phase 3 RI	RISG-89	15 - 15.5	1/08/2020 (FD)	<9.2	<8.4	<8.8	<6.6	<5.4	<7.4	<6.1	<3.9	<4.2	<9.7	--	--	<27	<18	<50	<6.1	<4.5	<13	--
	RISG-90	5 - 5.5	12/17/2019	1.6 UJ	6.4	0.32 UJ	2.2	0.47	0.063 J	250	<0.052	<0.049	<0.40	--	--	<0.23	4.2 J+	<7.1	0.46	0.78 J	<2.0	--
		15 - 15.5	12/17/2019	7.1 UJ	<6.0	1.4 UJ	2.2	1.8	<0.28	840	<0.23	<0.22	<1.8	--	--	<1.0	15 J+	<31	0.34 J	2.3 UJ	<8.9	--

Notes:

(FD): field duplicate
ft bgs: feet below ground surface
µg/m³: micrograms per cubic meter

'--': not analyzed
Bold value: detected result
< : Not detected above laboratory report

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity
ND : Result reported as tentatively identified compound and not detected

Table K-1. OU-1 Soil Gas Analytical Results Summary
VOCs (µg/m³)
Nevada Environmental Response Trust Site

Investigation	Location	Sample Depth (ft bgs)	Date	VOCs (µg/m³)																		
				n-Heptane	Hexachlorobutadiene	n-Hexane	2-Hexanone	Methylene Chloride	Methylmethacrylate	Naphthalene	4-Methyl-2-pentanone	Styrene	1,1,1,2-Tetrachloroethane	1,1,2,2-Tetrachloroethane	Tetrachloroethene	Tetrahydrofuran	Toluene	1,2,4-Trichlorobenzene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	Trichlorofluoro methane
Phase 2 RI	RISG-10	5	3/08/2019	--	<2,500	--	<200	<140	--	--	<310	<140	--	<260	<190	--	<110	<1,800	<200	<200	<310	1,100 J
		15	3/08/2019	--	<23,000	--	<1,800	<1,200	--	--	<2,700	<1,200	--	<2,300	<1,700	--	<950	<16,000	<1,800	<1,800	<2,800	9,800 J
	RISG-11	5	3/06/2019	--	<180	--	<14	<9.5	--	--	<21	20 J	--	32 J	110	--	12 J	<120	<13	<14	<21	820
		15	3/07/2019	--	<310	--	<24	<17	--	--	<37	<17	--	<32	98 J	--	<13	<220	<24	<25	<38	1,100
	RISG-12	5	3/07/2019	--	310 UJ	--	24 UJ	17 UJ	--	--	37 UJ	17 UJ	--	32 UJ	240 J-	--	13 UJ	210 UJ	24 UJ	24 UJ	38 UJ	1,100 J-
		15	3/07/2019	--	<350	--	<27	<19	--	--	<41	<19	--	<36	350	--	<14	<240	<27	<27	<42	1,700
	RISG-13	5	3/22/2019	--	<95	--	<7.4	6.6 J	--	--	<11	<5.2	--	<9.8	8.9 J	--	4.2 J	<67	<7.3	<7.6	14 J	<23
		15	3/22/2019	--	<290	--	<23	19 J	--	--	<35	<16	--	<30	23 J	--	<12	<200	<23	<23	36 J	<70
	RISG-14	5	3/11/2019	--	810 UJ	--	63 UJ	44 UJ	--	--	97 UJ	44 UJ	--	83 UJ	160 J-	--	34 UJ	570 UJ	62 UJ	64 UJ	99 UJ	190 UJ
		15	3/11/2019	--	1,100 UJ	--	86 UJ	61 UJ	--	--	130 UJ	61 UJ	--	110 UJ	290 J-	--	47 UJ	780 UJ	86 UJ	88 UJ	140 UJ	270 UJ
			3/11/2019 (FD)	--	1,000 UJ	--	78 UJ	55 UJ	--	--	120 UJ	55 UJ	--	100 UJ	280 J-	--	42 UJ	710 UJ	78 UJ	80 UJ	120 UJ	240 UJ
	RISG-15	5	3/11/2019	--	<120	--	<9.2	<6.5	--	--	<14	<6.5	--	<12	30 J	--	<5.0	<83	<9.2	<9.4	<15	<28
		15	3/11/2019	--	730 UJ	--	56 UJ	39 UJ	--	--	87 UJ	40 UJ	--	75 UJ	130 J-	--	30 UJ	510 UJ	56 UJ	58 UJ	89 UJ	170 UJ
	RISG-16	5	3/14/2019	--	<1,100	--	<88	<62	--	--	<140	<62	--	<120	160 J	--	<48	<800	<88	<90	<140	<270
	RISG-17	5	3/14/2019	--	<5,200	--	<400	<280	--	--	<620	<280	--	<530	1,600 J	--	<220	<3,600	<400	<410	<630	<1,200
	RISG-18	5	3/14/2019	--	<630	--	<49	37 J	--	--	<76	<35	--	<65	250 J	--	<26	<440	<49	<50	<78	<150
	RISG-19	5	3/14/2019	--	<1,900	--	<140	<100	--	--	<220	<100	--	<190	270 J	--	<77	<1,300	<140	<150	<230	<440
	RISG-20	5	3/14/2019	--	<50	--	<3.9	<2.7	--	--	<6.1	<2.8	--	<5.2	50	--	5.8 J	<35	<3.9	<4.0	53	<12
		15	3/14/2019	--	<86	--	<6.6	13 J	--	--	<10	<4.7	--	<8.8	91	--	4.4 J	<60	<6.6	<6.8	95	<20
			3/14/2019 (FD)	--	<120	--	<8.9	<6.3	--	--	<14	<6.3	--	<12	90	--	<4.8	<81	<8.9	<9.1	100	<28
	RISG-21	5	3/11/2019	--	<23	--	<1.8	2.2 J	--	--	<2.8	<1.3	--	<2.4	11 J	--	6.6 J	<16	<1.8	<1.8	<2.8	<5.5
		15	3/11/2019	--	<44	--	<3.4	<2.4	--	--	<5.3	<2.4	--	<4.5	22 J	--	<1.8	<31	<3.4	<3.5	<5.4	<11
	RISG-22	5	3/22/2019	--	<110	--	<8.8	6.4 J	--	--	<14	<6.2	--	<12	14 J	--	<4.7	<79	<8.7	<9.0	210	<27
		15	3/22/2019	--	<320	--	<25	<17	--	--	<38	<17	--	<33	31 J	--	<13	<220	<24	<25	350	<76
	RISG-23	5	3/08/2019	--	<23	--	<1.8	<1.3	--	--	<2.8	<1.3	--	<2.4	<1.7	--	<0.96	<16	<1.8	<1.8	<2.8	<5.5
		15	3/08/2019	--	120 UJ	--	9.2 UJ	6.5 UJ	--	--	14 UJ	6.5 UJ	--	12 UJ	15 J-	--	5.0 UJ	83 UJ	9.2 UJ	9.5 UJ	38 J-	28 UJ
	RISG-24	5	3/07/2019	--	<23	--	<1.8	1.3 J	--	--	<2.8	<1.3	--	<2.4	59	--	<0.96	<16	<1.8	<1.8	<2.8	<5.5
		15	3/07/2019	--	<23	--	<1.8	1.8 J	--	--	<2.8	<1.3	--	<2.4	99	--	1.7 J	<16	<1.8	<1.8	<2.8	<5.5
	RISG-25	5	3/08/2019	--	<23	--	<1.8	12	--	--	<2.8	<1.3	--	<2.4	130	--	<0.96	<16	<1.8	<1.8	5.9 J	<5.5
		15	3/08/2019	--	<23	--	<1.8	<1.3	--	--	<2.8	<1.3	--	<2.4	30	--	1.3 J	<16	<1.8	<1.8	<2.8	<5.5
	RISG-26	5	3/07/2019	--	<98	--	<7.6	<5.3	--	--	<12	<5.3	--	<10	28 J	--	<4.1	<68	<7.5	<7.8	<12	<23
		15	3/07/2019	--	<270	--	<21	<15	--	--	<32	<15	--	<27	61 J	--	<11	<190	<21	<21	<33	<64
			3/07/2019 (FD)	--	<270	--	<21	<15	--	--	<32	<15	--	<27	62 J	--	<11	<190	<21	<21	<33	<64
	RISG-31	5	3/13/2019	--	<23	--	<1.8	23	--	--	<2.8	<1.3	--	<2.4	<1.7	--	<0.96	<16	<1.8	<1.8	11	<5.5
RISG-32	5	3/13/2019	--	<23	--	<1.8	<1.3	--	--	<2.8	<1.3	--	<2.4	31	--	<0.96	<16	<1.8	<1.8	<2.8	<5.5	
	15	3/13/2019	--	<23	--	<1.8	3.0 J	--	--	<2.8	<1.3	--	<2.4	110	--	<0.96	<16	<1.8	<1.8	3.4 J	<5.5	
RISG-33	5	3/13/2019	--	<23	--	<1.8	8.3	--	--	<2.8	<1.3	--	<2.4	170	--	<0.96	<16	<1.8	3.3 J	65	<5.5	
		3/13/2019 (FD)	--	<23	--	<1.8	7.7	--	--	<2.8	<1.3	--	<2.4	200	--	1.1 J	<16	<1.8	3.5 J	71	<5.5	
	15	3/13/2019	--	<68	--	<5.3	20 J	--	--	<8.2	<3.7	--	<7.0	530	--	<2.9	<48	<5.3	<5.4	180	<16	
RISG-34	5	3/13/2019	--	<23	--	<1.8	5.5 J	--	--	<2.8	<1.3	--	<2.4	16	--	1.9 J	<16	<1.8	<1.8	8.5 J	<5.5	
	15	3/13/2019	--	<23	--	<1.8	13	--	--	<2.8	<1.3	--	<2.4	<1.7	--	<0.96	<16	<1.8	<1.8	<2.8	<5.5	
Phase 3 RI	RISG-10	5 - 5.5	11/05/2019	<11	<90	<7.8	<53	<23	<150	<14	<8.7	<5.0	<260	<9.2	15 J	<5.8	<5.1	<96	--	<11	<5.7	220
		15 - 15.5	11/05/2019	<37	<300	<26	<170	<77	<510	<45	<29	<16	<860	<30	110 J	<19	<17	<320	--	<36	<19	880
	RISG-11	5 - 5.5	11/05/2019	<11	<89	<7.7	<52	<23	<150	<14	<8.6	<4.9	<260	<9.1	59 J	<5.7	<5.1	<95	--	<11	<5.6	480
		15 - 15.5	11/05/2019	<10	<84	<7.3	<50	<22	<140	<13	<8.2	<4.7	<240	<8.7	84	<5.4	<4.8	<90	--	<10	<5.4	850
	RISG-12	5 - 5.5	11/07/2019	<9.7	<78	<6.8	<46	<20	<130	<12	<7.6	<4.3	<220	<8.0	110	<5.0	<4.4	<83	--	<9.4	<4.9	580
		15 - 15.5	11/06/2019	<14	<120	<10	<68	<30	<200	<18	<11	<6.5	<340	<12	420	<7.5	<6.6	<120	--	<14	<7.4	1,500
	RISG-13	5 - 5.5	11/07/2019	<3.2	14 UJ	<3.8	3.0 UJ	<5.5	<35	<0.54	<2.1	<1.0	<1.7	<0.37	7.5	<3.3	<0.41	11 UJ	--	<0.35	10	<1.7
		15 - 15.5	11/07/2019	<4.9	<15	<8.8	<3.6	<4.8	<8.8	6.6 UJ	<17	<2.6	<4.9	<4.1	45 J	<2.2	<3.7	<9.2	--	<5.3	54	<8.3
	RISG-14	5 - 5.5	11/06/2019	<14	<110	<9.4	<64	<28	<190	<16	<11	<6.0	<310	<11	140	<7.0	<6.2	<120	--	<13	26 J	<9.9

Table K-1. OU-1 Soil Gas Analytical Results Summary
 VOCs (µg/m³)
 Nevada Environmental Response Trust Site

Investigation	Location	Sample Depth (ft bgs)	Date	VOCs (µg/m³)																		
				n-Heptane	Hexachlorobutadiene	n-Hexane	2-Hexanone	Methylene Chloride	Methylmethacrylate	Naphthalene	4-Methyl-2-pentanone	Styrene	1,1,1,2-Tetrachloroethane	1,1,2,2-Tetrachloroethane	Tetrachloroethene	Tetrahydrofuran	Toluene	1,2,4-Trichlorobenzene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	Trichlorofluoromethane
Phase 3 RI	RISG-14	15 - 15.5	11/06/2019	<34	<270	<24	<160	<70	<470	<41	<26	<15	<780	<28	380	<17	<15	<290	--	<33	67 J	<25
	RISG-15	5 - 5.5	11/06/2019	<4.3	<13	<7.6	<3.1	<4.2	<7.7	5.8 UJ	<15	<2.3	<4.2	<3.6	43 J	<1.9	<3.2	<8.0	--	<4.6	<5.4	<7.3
		15 - 15.5	11/06/2019	<21	<170	<14	<99	<44	<290	<26	<16	<9.3	<480	<17	170	<11	<9.6	<180	--	<20	<11	<15
	RISG-16	5 - 5.5	11/06/2019	<13	<100	<8.9	<61	<27	<180	<16	<10	<5.7	<300	<10	180	<6.6	<5.9	<110	--	<12	8.1 J	<9.4
	RISG-17	5 - 5.5	11/06/2019	<54	1,000 UJ	<34	<240	110 J	<630	62 UJ	<77	<31	1,100 UJ	<42	1,000	<40	<26	<460	--	<76	92 J	<32
	RISG-18	5 - 5.5	11/06/2019	<28	<220	<19	<130	<58	<380	<34	<22	<12	<640	<23	940	<14	<13	<240	--	<27	36 J	<20
	RISG-19	5 - 5.5	11/06/2019	<25	<200	<17	<120	<52	<350	<30	<20	<11	<580	<21	240	<13	<11	<210	--	<24	<13	<18
	RISG-20	5 - 5.5	1/21/2020	<2.6	<33	<3.6	<9.5	4.2 J	<38	<0.82	<1.8	<0.84	<63	<0.84	65	<11	<1.0	<25	--	<0.61	67	<2.1
		15 - 15.5	1/21/2020	<5.6	48 J	<5.7	<17	<13	<170	<2.2	<6.6	<5.1	<120	<13	120	<6.8	<5.1	<24	--	<10	110	<7.6
	RISG-21	5 - 5.5	11/07/2019	<2.4	<31	<3.4	<8.9	<1.7	<35	<0.76	<1.7	<0.79	<59	<0.78	7.1	<10	<0.98	23 UJ	--	<0.57	<1.2	<2.0
		15 - 15.5	11/07/2019	<1.9	<6.0	<3.5	<1.4	<1.9	<3.5	2.6 UJ	<6.8	<1.0	<1.9	<1.6	24 J	<0.87	<1.4	<3.6	--	<2.1	<2.5	<3.3
	RISG-22	5 - 5.5	11/07/2019	<1.6	<5.2	<3.0	<1.2	<1.6	<3.0	2.2 UJ	<5.8	<0.89	<1.6	<1.4	14 J	<0.75	<1.2	<3.1	--	<1.8	170	<2.8
		12.4 - 12.9	11/07/2019	<10	<83	<7.2	<49	<22	<140	<13	<8.1	<4.6	<240	<8.5	35 J	<5.4	<4.7	<88	--	<10	410	<7.6
	RISG-23	5 - 5.5	11/07/2019	<1.2	<16	<1.7	<4.6	<0.88	<18	<0.39	<0.89	<0.40	<30	<0.40	1.8	<5.2	0.84 J	12 UJ	--	<0.29	6.1	1.0 J
		15 - 15.5	11/07/2019	<4.0	24 J	<7.2	<2.9	<3.9	<7.2	5.4 UJ	<14	<2.1	<4.0	<3.4	16 J	<1.8	<3.0	<7.5	--	<4.3	72	<6.8
	RISG-24	5 - 5.5	11/05/2019	<1.6	7.0 UJ	<1.9	1.5 UJ	<2.8	<18	<0.28	<1.1	<0.52	<0.86	<0.19	31	<1.7	0.35 J	5.8 UJ	--	<0.18	0.58 J	1.1 J
		15 - 15.5	11/05/2019	<3.0	13 UJ	<3.6	2.8 UJ	<5.3	<33	<0.52	<2.0	<0.98	<1.6	<0.36	110	<3.1	0.40 J	11 UJ	--	<0.33	2.2	<1.6
	RISG-25	5 - 5.5	11/04/2019	<1.6	6.8 UJ	<1.9	1.5 UJ	14	<17	<0.27	<1.0	<0.50	<0.82	<0.18	220	<1.6	0.31 J	5.6 UJ	--	<0.17	6.8	2.2 J
		15 - 15.5	11/04/2019	<0.34	1.4 UJ	<0.40	0.31 UJ	0.68 J	<3.7	<0.058	<0.23	<0.11	<0.18	<0.039	33	<0.35	0.30 J	1.2 UJ	--	<0.037	1.3	1.2
	RISG-26	5 - 5.5	11/05/2019	<2.4	<7.6	<4.4	<1.8	<2.4	<4.4	3.3 UJ	<8.5	<1.3	<2.4	<2.0	11 J	<1.1	<1.8	<4.6	--	<2.6	<3.1	<4.2
		15 - 15.5	11/05/2019	<9.4	<75	<6.5	<44	<20	<130	<11	<7.3	<4.2	<220	<7.7	58	<4.8	<4.3	<80	--	<9.0	<4.8	20 J
	RISG-31	5 - 5.5	11/14/2019	<0.30	<1.3	<0.60	<0.27	35	<3.5	<0.14	<0.050	<0.11	<5.9	<0.054	0.55	0.40 J	0.088 J	<1.3	--	0.032 J	22	1.2
	RISG-32	5 - 5.5	11/14/2019	<0.28	<1.2	<0.55	<0.25	<0.93	<3.3	<0.13	<0.046	<0.10	<5.5	<0.050	25	<0.34	0.036 J	<1.2	--	<0.015	0.71	1.3
		15 - 15.5	11/14/2019	<0.29	<1.3	<0.58	<0.26	2.8	<3.5	<0.13	<0.049	<0.11	<5.8	<0.052	100	<0.36	0.053 J	<1.2	--	<0.016	4.0	1.3
	RISG-33	5 - 5.5	11/14/2019	<1.5	12 J	<3.0	<1.3	7.2	<18	<0.69	<0.25	<0.56	<30	<0.27	110	<1.8	0.097 J	21 J	--	<0.084	55	1.3 J
		15 - 15.5	11/14/2019	<3.0	54 J	<6.1	<2.7	24	<36	<1.4	<0.51	<1.1	<61	<0.55	440	<3.8	0.26 J	130	--	<0.17	240	1.2 J
	RISG-34	5 - 5.5	11/14/2019	<0.31	<1.4	<0.62	<0.28	4.2	<3.7	<0.14	<0.052	<0.11	<6.2	<0.056	14	<0.38	0.044 J	<1.3	--	0.53	0.18 J	1.2
		15 - 15.5	11/14/2019	<0.30	6.8 J	<0.59	<0.26	18	<3.5	<0.14	<0.050	<0.11	<5.9	<0.053	62	0.65 J	1.0	11	--	2.5	0.70	1.2
	RISG-79	5 - 5.5	12/17/2019	<2.8	16 J	<3.4	2.6 UJ	<4.9	<31	<0.49	<1.9	<0.91	<1.5	<0.33	190	<2.9	1.3 J	<10	--	<0.31	13	<1.5
		15 - 15.5	12/17/2019	<0.64	6.2 J	<0.76	0.60 UJ	<1.1	<7.0	0.26 J	<0.43	<0.20	<0.34	<0.075	47	<0.66	1.7	<2.3	--	<0.070	3.2	1.4 J
	RISG-80	5 - 5.5	11/15/2019	<13	250 UJ	<8.1	<57	50 J	<150	<15	<19	<7.6	<260	<10	66	<9.8	<6.3	<110	--	<18	<15	<7.8
		15 - 15.5	11/15/2019	<3.7	<28	<1.2	16 J	14 J	<140	<1.5	8.6 J	<2.7	<96	<3.8	18 J	12	11 J	<16	--	<3.8	<1.9	<1.6
	RISG-81	5 - 5.5	11/18/2019	<3.1	<14	<6.2	<2.8	<10	<37	26	<0.52	<1.1	<61	<0.56	19	<3.8	12	<13	--	<0.17	1.5 J	1.3 J
		14 - 14.5	11/18/2019	<1.0	14 J	<2.0	<0.90	<3.4	<12	0.84 J	0.20 J	<0.37	<20	<0.18	44	1.9 J	1.6	6.9 J	--	<0.056	3.7	1.2 J
	RISG-82	5 - 5.5	11/18/2019	<4.1	<31	<1.4	<7.0	<9.2	<160	<1.6	<6.4	<3.0	<110	<4.3	40	6.8 J	10 J	<18	--	<4.2	260	2.1 J
		15 - 15.5	11/18/2019	<9.0	<67	<3.0	<15	<20	<350	<3.6	<14	<6.5	<230	<9.3	89	<9.0	7.4 J	<39	--	<9.3	610	<3.8
	RISG-83	5 - 5.5	11/15/2019	<10	<77	<3.4	<18	<23	<400	<4.1	<16	<7.5	<270	<11	62 J	<10	14 J	<45	--	<11	<5.3	<4.4
		15 - 15.5	11/15/2019	<12	230 UJ	<7.6	<54	55 J	<140	<14	<17	<7.1	<240	<9.4	140	<9.1	<5.9	<100	--	<17	<14	9.4 J
	RISG-84	5 - 5.5	11/15/2019	<17	<120	<5.6	<28	<37	<640	<6.6	<26	<12	<430	<17	220	<17	<5.9	<72	--	<17	<8.5	130
		15 - 15.5	11/15/2019	<19	360 UJ	<12	<84	<29	<220	<22	<27	<11	<370	<15	750	<14	<9.2	<160	--	<27	<22	460
	RISG-85	5 - 5.5	11/19/2019	<2.9	<13	<5.8	<2.6	<9.9	<35	<1.4	<0.49	<1.1	<58	<0.53	16	<3.6	6.3	<12	--	<0.16	5.5	1.3 J
		14 - 14.5	11/19/2019	<4.8	<36	<1.6	<8.1	<11	<180	<1.9	<7.4	<3.5	<120	<5.0	31	<4.8	1.8 J	<21	--	<4.9	14 J	<2.0
RISG-86	5 - 5.5	12/02/2019	<11	<46	<12	<34	30 J	<350	<4.5	<13	<10	<240	<26	370	<14	<10	<49	--	<21	270	<16	
	14 - 14.5	12/02/2019	<4.7	<19	<4.8	<14	20 J	<150	<1.9	<5.6	<4.3	<98	<11	110	<5.7	<4.3	<20	--	<8.6	68	<6.4	
RISG-87	5 - 5.5	11/19/2019	<0.34	<1.5	0.92 J	<0.31	<1.2	<4.1	0.47 J	<0.058	<0.13	<6.9	<0.062	14	1.5 J	16	<1.5	--	<0.019	21	1.4	
	15 - 15.5	11/19/2019	<0.68	<3.0	<1.4	<0.61	<2.3	<8.1	0.42 J	<0.11	<0.25	<14	<0.12	11	1.5 J	1.7	<2.9	--	<0.038	88	1.6 J	
RISG-88	5 - 5.5	12/18/2019	<0.56	<2.4	<0.67	0.53 UJ	<0.98	<6.2	0.15 J	<0.38	<0.18	<0.30	<0.066	270	<0.58	1.3	<2.0	--	<0.061	5.6	2.8	
	15 - 15.5	12/18/2019	<1.6	<6.7	<1.8	1.4 UJ	<2.7	<17	<0.26	<1.0	<0.50	<0.82	<0.18	730	1.8 J	1.1 J	<5.5	--	<0.17	16	5.4	
RISG-89	5 - 5.5	1/21/2020	<2.3	<30	<3.3	<8.6	<1.7	<34	2.4 J+	<1.7	<0.76	<57	<0.75	15	<9.7	1.6 J	<22	--	<0.55	<1.2	<1.9	
	15 - 15.5	1/08/2020	<4.5	<18	<4.6	<13	<10	<140	<1.8	<5.3	&											

Table K-1. OU-1 Soil Gas Analytical Results Summary
 VOCs (µg/m³)
 Nevada Environmental Response Trust Site

Investigation	Location	Sample Depth (ft bgs)	Date	VOCs (µg/m³)																		
				n-Heptane	Hexachlorobutadiene	n-Hexane	2-Hexanone	Methylene Chloride	Methylmethacrylate	Naphthalene	4-Methyl-2-pentanone	Styrene	1,1,1,2-Tetrachloroethane	1,1,2,2-Tetrachloroethane	Tetrachloroethene	Tetrahydrofuran	Toluene	1,2,4-Trichlorobenzene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	Trichlorofluoro methane
Phase 3 RI	RISG-89	15 - 15.5	1/08/2020 (FD)	<4.6	<19	<4.7	<14	<11	<140	<1.8	<5.4	<4.2	<96	<10	34	<5.6	<4.2	<20	--	<8.4	<6.8	<6.3
	RISG-90	5 - 5.5	12/17/2019	<0.73	<3.2	<0.87	0.68 UJ	<1.3	<8.0	0.21 J	<0.49	0.46 J	<0.38	<0.086	6.9	<0.75	4.1	<2.6	--	<0.080	23	1.8 J
		15 - 15.5	12/17/2019	<3.2	<14	<3.9	3.0 UJ	<5.6	<36	<0.56	<2.2	<1.0	<1.7	<0.38	3.8	3.5 J	1.5 J	<12	--	<0.35	82	3.1 J

Notes:

(FD): field duplicate
 ft bgs: feet below ground surface
 µg/m³: micrograms per cubic meter
 "--": not analyzed
Bold value: detected result
 "<": Not detected above laboratory report
 J: Estimated value
 J-: Estimated value, potential negative bias
 J+: Estimated value, potential positive bias
 UJ: The analyte was not detected, detection limit is an estimated quantity
 ND: Result reported as tentatively identified compound and not detected

Table K-1. OU-1 Soil Gas Analytical Results Summary
VOCs (µg/m³)
Nevada Environmental Response Trust Site

Investigation	Location	Sample Depth (ft bgs)	Date	VOCs (µg/m³)						
				1,2,3-Trichloropropane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl acetate	Vinyl chloride	m,p-Xylene	o-Xylene
Phase 2 RI	RISG-10	5	3/08/2019	--	<440	<340	<280	<170	<240	<130
		15	3/08/2019	--	<3,900	<3,000	<2,500	<1,500	<2,100	<1,200
	RISG-11	5	3/06/2019	--	<30	<23	<19	<12	56 J	27 J
		15	3/07/2019	--	<54	<41	<34	<21	<29	<16
	RISG-12	5	3/07/2019	--	53 UJ	41 UJ	34 UJ	20 UJ	29 UJ	16 UJ
		15	3/07/2019	--	<60	<46	<38	<23	<33	<18
	RISG-13	5	3/22/2019	--	<16	<13	<11	<6.3	<9.0	<4.9
		15	3/22/2019	--	<51	<39	<32	<19	<28	<15
	RISG-14	5	3/11/2019	--	140 UJ	110 UJ	90 UJ	54 UJ	76 UJ	41 UJ
		15	3/11/2019	--	190 UJ	150 UJ	120 UJ	74 UJ	110 UJ	57 UJ
			3/11/2019 (FD)	--	180 UJ	140 UJ	110 UJ	67 UJ	96 UJ	52 UJ
	RISG-15	5	3/11/2019	--	<21	<16	<13	<7.9	<11	<6.0
		15	3/11/2019	--	130 UJ	97 UJ	80 UJ	48 UJ	68 UJ	37 UJ
	RISG-16	5	3/14/2019	--	<200	<150	<130	<76	<110	<58
	RISG-17	5	3/14/2019	--	<900	<690	<570	<350	<490	<260
	RISG-18	5	3/14/2019	--	<110	<84	<70	<42	<60	<32
	RISG-19	5	3/14/2019	--	<320	<250	<210	<120	<170	<94
	RISG-20	5	3/14/2019	--	<8.7	<6.7	<5.6	<3.4	32 J	11 J
		15	3/14/2019	--	<15	<11	<9.5	<5.7	<8.1	<4.4
			3/14/2019 (FD)	--	<20	<15	<13	<7.7	<11	<5.9
	RISG-21	5	3/11/2019	--	<4.0	3.2 J	<2.6	<1.5	7.0 J	2.7 J
		15	3/11/2019	--	<7.6	<5.9	<4.9	<2.9	4.6 J	<2.3
	RISG-22	5	3/22/2019	--	<20	<15	<13	<7.5	<11	<5.8
		15	3/22/2019	--	<55	<42	<35	<21	<30	<16
	RISG-23	5	3/08/2019	--	<4.0	<3.1	<2.6	<1.5	<2.2	<1.2
		15	3/08/2019	--	21 UJ	16 UJ	13 UJ	7.9 UJ	11 UJ	6.1 UJ
	RISG-24	5	3/07/2019	--	<4.0	<3.1	<2.6	<1.5	<2.2	<1.2
		15	3/07/2019	--	<4.0	<3.1	<2.6	<1.5	2.4 J	<1.2
	RISG-25	5	3/08/2019	--	<4.0	<3.1	<2.6	<1.5	<2.2	<1.2
		15	3/08/2019	--	<4.0	<3.1	<2.6	<1.5	<2.2	<1.2
	RISG-26	5	3/07/2019	--	<17	<13	<11	<6.5	<9.2	<5.0
15		3/07/2019	--	<46	<36	<30	<18	<25	<14	
		3/07/2019 (FD)	--	<46	<36	<30	<18	<25	<14	
RISG-31	5	3/13/2019	--	<4.0	<3.1	<2.6	<1.5	<2.2	<1.2	
RISG-32	5	3/13/2019	--	<4.0	<3.1	<2.6	<1.5	<2.2	<1.2	
	15	3/13/2019	--	<4.0	<3.1	<2.6	<1.5	<2.2	<1.2	
RISG-33	5	3/13/2019	--	<4.0	<3.1	<2.6	<1.5	<2.2	<1.2	
	15	3/13/2019 (FD)	--	<4.0	<3.1	<2.6	<1.5	3.3 J	1.8 J	
		3/13/2019	--	<12	<9.1	<7.6	<4.6	<6.4	<3.5	
RISG-34	5	3/13/2019	--	<4.0	<3.1	<2.6	<1.5	3.6 J	1.5 J	
	15	3/13/2019	--	<4.0	<3.1	<2.6	<1.5	<2.2	<1.2	
Phase 3 RI	RISG-10	5 - 5.5	11/05/2019	<230	<23	<39	<43	<10	<5.0	<8.7
		15 - 15.5	11/05/2019	<750	<75	<130	<140	<33	<16	<29
	RISG-11	5 - 5.5	11/05/2019	<220	<22	<39	<43	<9.9	<4.9	<8.6
		15 - 15.5	11/05/2019	<210	<21	<37	<41	<9.4	<4.7	<8.2
	RISG-12	5 - 5.5	11/07/2019	<200	<20	<34	<38	<8.7	<4.3	<7.5
		15 - 15.5	11/06/2019	<300	<29	<51	<56	<13	<6.4	<11
	RISG-13	5 - 5.5	11/07/2019	<51	<2.4	<2.1	<2.8	<0.11	<0.15	<0.15
		15 - 15.5	11/07/2019	<5.5	<7.2	<5.7	<20	<3.9	<4.6	<2.9
	RISG-14	5 - 5.5	11/06/2019	<280	<27	<48	<52	<12	<6.0	<10

Table K-1. OU-1 Soil Gas Analytical Results Summary
VOCs (µg/m³)
Nevada Environmental Response Trust Site

Investigation	Location	Sample Depth (ft bgs)	Date	VOCs (µg/m³)						
				1,2,3-Trichloropropane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl acetate	Vinyl chloride	m,p-Xylene	o-Xylene
Phase 3 RI	RISG-14	15 - 15.5	11/06/2019	<690	<68	<120	<130	<30	<15	<26
	RISG-15	5 - 5.5	11/06/2019	<4.8	<6.3	<5.0	<18	<3.4	<4.0	<2.6
		15 - 15.5	11/06/2019	<420	<42	<74	<81	<19	<9.3	<16
	RISG-16	5 - 5.5	11/06/2019	<260	<26	<45	<50	<11	<5.7	<10
	RISG-17	5 - 5.5	11/06/2019	930 UJ	37 J	53 J	<140	<34	99 J	53 J
	RISG-18	5 - 5.5	11/06/2019	<560	<56	<97	<110	<25	<12	<21
	RISG-19	5 - 5.5	11/06/2019	<510	<51	<88	<97	<22	<11	<19
	RISG-20	5 - 5.5	1/21/2020	<55	<2.0	<1.8	<15	<0.36	<1.9	<0.36
		15 - 15.5	1/21/2020	<100	<7.1	<9.2	<16	<4.4	<4.8	<5.9
	RISG-21	5 - 5.5	11/07/2019	<52	<1.8	<1.7	<14	<0.34	<1.8	<0.33
		15 - 15.5	11/07/2019	<2.2	<2.8	<2.2	<8.1	<1.5	<1.8	<1.2
	RISG-22	5 - 5.5	11/07/2019	<1.9	<2.4	<1.9	<6.9	<1.3	<1.6	<0.99
		12.4 - 12.9	11/07/2019	<210	<21	<36	<40	<9.2	<4.6	<8.0
	RISG-23	5 - 5.5	11/07/2019	<26	<0.94	<0.86	<7.3	<0.17	<0.90	<0.17
		15 - 15.5	11/07/2019	<4.5	<5.9	<4.6	<17	<3.2	<3.8	<2.4
	RISG-24	5 - 5.5	11/05/2019	<26	<1.2	<1.1	<1.4	<0.058	0.23 J	<0.078
		15 - 15.5	11/05/2019	<49	<2.3	<2.0	<2.6	<0.11	0.30 J	<0.14
	RISG-25	5 - 5.5	11/04/2019	<25	<1.2	<1.0	<1.4	0.086 J	0.30 J	0.17 J
		15 - 15.5	11/04/2019	<5.4	<0.26	<0.22	<0.29	<0.012	0.27 J	0.14 J
	RISG-26	5 - 5.5	11/05/2019	<2.7	<3.6	<2.8	<10	<1.9	<2.3	<1.5
		15 - 15.5	11/05/2019	<190	<19	<33	<36	<8.4	<4.2	<7.3
	RISG-31	5 - 5.5	11/14/2019	<5.2	<0.062	<0.088	<0.60	0.19	0.032 J	0.018 J
	RISG-32	5 - 5.5	11/14/2019	<4.8	<0.057	<0.081	<0.55	<0.0060	0.029 J	0.012 J
		15 - 15.5	11/14/2019	<5.1	<0.060	<0.086	<0.58	<0.0063	0.036 J	0.017 J
	RISG-33	5 - 5.5	11/14/2019	<26	<0.31	<0.44	<3.0	0.086 J	0.21 J	0.17 J
		15 - 15.5	11/14/2019	<53	<0.63	<0.90	<6.1	1.2	0.82 J	0.54 J
	RISG-34	5 - 5.5	11/14/2019	<5.4	<0.064	<0.091	<0.62	<0.0067	0.048 J	0.018 J
		15 - 15.5	11/14/2019	<5.2	0.14 J	<0.087	<0.60	0.060	0.16 J	0.073 J
	RISG-79	5 - 5.5	12/17/2019	<46	<2.2	<1.9	<2.5	<0.10	2.3 J	0.95 J
		15 - 15.5	12/17/2019	<10	1.0 J	<0.42	<0.55	<0.022	1.6	1.2
	RISG-80	5 - 5.5	11/15/2019	220 UJ	<8.7	<7.6	<34	<8.3	<7.6	<11
		15 - 15.5	11/15/2019	<84	4.5 J	<2.1	<11	<1.8	8.4 J	3.8 J
	RISG-81	5 - 5.5	11/18/2019	<54	570	170	<6.2	<0.067	110	61
		14 - 14.5	11/18/2019	<18	0.79 J	<0.30	<2.0	<0.022	0.82 J	0.33 J
	RISG-82	5 - 5.5	11/18/2019	<94	<2.3	<2.3	<12	<2.0	4.8 J	<3.7
		15 - 15.5	11/18/2019	<200	<5.0	<5.0	<28	<4.3	<4.4	<8.1
	RISG-83	5 - 5.5	11/15/2019	<240	<5.8	<5.8	<32	<5.0	7.6 J	<9.4
		15 - 15.5	11/15/2019	210 UJ	<8.2	<7.1	<32	<7.7	<7.1	<10
	RISG-84	5 - 5.5	11/15/2019	<380	<9.3	<9.3	<51	<8.0	<8.2	<15
		15 - 15.5	11/15/2019	330 UJ	<13	<11	<50	<12	<11	<16
RISG-85	5 - 5.5	11/19/2019	<51	0.63 J	<0.86	<5.9	<0.063	1.3 J	1.1 J	
	14 - 14.5	11/19/2019	<110	3.9 J	<2.7	<15	<2.3	<2.4	<4.3	
RISG-86	5 - 5.5	12/02/2019	<210	<14	<19	<33	<8.8	<9.8	<12	
	14 - 14.5	12/02/2019	<86	<6.0	<7.7	<14	<3.7	<4.0	<5.0	
RISG-87	5 - 5.5	11/19/2019	<6.0	<0.072	3.1	<0.69	0.0098 J	1.2	1.1	
	15 - 15.5	11/19/2019	<12	10	3.4	<1.4	<0.015	2.2	1.6	
RISG-88	5 - 5.5	12/18/2019	<9.1	0.47 J	<0.38	<0.49	<0.020	0.92	0.52	
	15 - 15.5	12/18/2019	<25	<1.2	<1.0	<1.3	<0.055	0.98 J	0.41 J	
RISG-89	5 - 5.5	1/21/2020	<50	<1.8	<1.6	<14	<0.32	<1.7	0.63 J	
	15 - 15.5	1/08/2020	<82	<5.7	<7.4	<13	<3.5	<3.9	<4.8	

Table K-1. OU-1 Soil Gas Analytical Results Summary
VOCs (µg/m³)
Nevada Environmental Response Trust Site

Investigation	Location	Sample Depth (ft bgs)	Date	VOCs (µg/m³)						
				1,2,3-Trichloropropane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl acetate	Vinyl chloride	m,p-Xylene	o-Xylene
Phase 3 RI	RISG-89	15 - 15.5	1/08/2020 (FD)	<84	<5.8	<7.6	<13	<3.6	<3.9	<4.8
	RISG-90	5 - 5.5	12/17/2019	<12	0.88 J	<0.49	<0.64	<0.026	1.2	1.0
		15 - 15.5	12/17/2019	<52	<2.5	<2.2	<2.8	<0.11	1.4 J	0.67 J

Notes:

(FD): field duplicate
ft bgs: feet below ground surface
µg/m³: micrograms per cubic meter
'-' : not analyzed
Bold value: detected result
< : Not detected above laboratory report
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity
ND : Result reported as tentatively identified compound and not detected

Table K-2. OU-2 Soil Gas Analytical Results Summary
 VOCs (µg/m³)
 Nevada Environmental Response Trust Site

Investigation	Location	Sample Depth (ft bgs)	Date	VOCs (µg/m³)																		
				Acetone	Acrolein	Acrylonitrile	t-Amyl methyl ether	Benzene	Benzyl chloride	Bromodichloro-methane	Bromoform	Bromomethane	1,3-Butadiene	2-Butanone	Carbon disulfide	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	Cyclohexane	1,2-Dibromo-3-chloropropane
Phase 1 RI	RISG-1	5	3/09/2015	38 J	<0.23	<0.61	<1.2	2.8	<0.38	11	<0.22	<0.36	<0.55	<3.9	1.3 J	280	<0.16	<0.35	3,700	<0.12	<0.38	<0.0056
		13	3/06/2015	<9	<0.23	<0.61	<1.2	75	<0.38	2.7 J	<0.22	<0.36	<0.55	14 J	22	150	<0.16	<0.35	8,900	<0.12	<0.38	<0.0056
	RISG-2	5	3/19/2015	140	<0.23	<0.61	<1.2	7	<0.38	<0.011	<0.22	<0.36	<0.55	44 J	2	65	0.5 J	<0.35	4,400	1.6	9.8 J	<0.0056
		15	3/19/2015	210	11	0.86 J	<1.2	12	<0.38	0.77 J	<0.22	<0.36	<0.55	51 J	4.4	130	0.73 J	<0.35	7,100	<0.12	<0.38	<0.0056
	RISG-3	5	3/06/2015	37 J	<0.23	<0.61	<1.2	5.8	<0.38	6.2	<0.22	<0.36	<0.55	<3.9	1.3 J	300	<0.16	<0.35	5,200	<0.12	<0.38	<0.0056
		15	3/06/2015	35 J	<0.23	<0.61	<1.2	8.3	<0.38	6.8	<0.22	<0.36	<0.55	<3.9	1.6 J	390	<0.16	<0.35	7,200	<0.12	<0.38	<0.0056
			3/06/2015 (FD)	39 J	<0.23	<0.61	<1.2	8.1	<0.38	6.6	<0.22	<0.36	<0.55	<3.9	2.1	380	<0.16	<0.35	7,000	<0.12	<0.38	0.13
Phase 2 RI	RISG-1	5	3/11/2019	39 J	--	--	--	<3.2	<11	<5.7	<9.3	<17	--	11 J	23 J	51 J	<3.8	<10	3,900	<5.2	--	--
		15	3/11/2019	35 J	--	--	--	8.0 J	<20	<10	<17	<31	--	<14	100	97 J	<6.9	<19	6,800	<9.6	--	--
	RISG-2	5	3/14/2019	20 J	--	--	--	1.5 J	<4.2	<2.2	<3.6	<6.5	--	<2.9	28	38	<1.5	<4.1	1,800	<2.0	--	--
		15	3/14/2019	26	--	--	--	<1.3	<4.2	<2.2	<3.6	<6.5	--	<2.9	12	18 J	<1.5	<4.1	1,600	<2.0	--	--
	RISG-3	5	3/15/2019	9.8 J	--	--	--	<2.5	<8.5	<4.5	<7.3	<13	--	<5.9	<2.5	12 J	<3.0	<8.2	940	<4.1	--	--
		15	3/15/2019	33 J	--	--	--	<3.1	<10	<5.5	<9.0	<16	--	11 J+	19 J	37 J	<3.7	<10	2,500	<5.0	--	--
	RISG-4	5	3/11/2019	13 J	--	--	--	<1.3	<4.2	9.3 J	<3.6	<6.5	--	<2.9	11 J	<2.0	<1.5	<4.1	390	<2.0	--	--
		15	3/11/2019	16 J	--	--	--	<1.3	<4.2	14	<3.6	<6.5	--	3.5 J	9.2 J	<2.0	<1.5	<4.1	490	<2.0	--	--
	RISG-5	5	3/13/2019	15 J	--	--	--	1.8 J	<4.2	<2.2	<3.6	<6.5	--	5.1 J	22	2.1 J	<1.5	<4.1	250	<2.0	--	--
			3/13/2019 (FD)	18 J	--	--	--	1.5 J	10 J	<2.2	4.5 J	<6.5	--	4.1 J	22	2.7 J	5.5 J	<4.1	270	<2.0	--	--
		15	3/14/2019	14 J	--	--	--	<1.3	<4.2	<2.2	<3.6	<6.5	--	5.6 J	5.8 J	3.0 J	<1.5	<4.1	650	<2.0	--	--
	RISG-6	5	3/22/2019	<25	--	--	--	<15	<50	<26	<43	<77	--	<35	<14	210 J	<18	<48	7,500	<24	--	--
		15	3/22/2019	<31	--	--	--	<18	<62	<32	<53	<95	--	<43	<18	410	<22	<59	13,000	<30	--	--
				3/22/2019 (FD)	<32	--	--	<19	<64	<33	<55	<98	--	<44	<18	440	<22	<61	15,000	<31	--	--
	RISG-7	5	3/14/2019	45	--	--	--	1.6 J	<4.2	<2.2	<3.6	<6.5	--	8.5 J	49	<2.0	<1.5	<4.1	140	<2.0	--	--
		10	3/14/2019	24	--	--	--	1.7 J	<4.2	<2.2	<3.6	<6.5	--	8.6 J	82	<2.0	<1.5	<4.1	94	<2.0	--	--
	RISG-8	5	3/21/2019	10 J	--	--	--	3.7 J	<4.2	<2.2	<3.6	<6.5	--	9.9 J	12 J	<2.0	8.2	<4.1	17	<2.0	--	--
	RISG-9	5	3/14/2019	15 J	--	--	--	<1.3	<4.2	<2.2	<3.6	<6.5	--	3.3 J	26	<2.0	<1.5	17	34	<2.0	--	--
			3/14/2019 (FD)	19 J	--	--	--	<1.3	<4.2	<2.2	<3.6	<6.5	--	3.8 J	11 J	<2.0	<1.5	17	35	<2.0	--	--
	RISG-27	5	3/15/2019	34	--	--	--	1.3 J	<4.2	<2.2	<3.6	<6.5	--	4.9 J	19	37	<1.5	<4.1	830	<2.0	--	--
		15	3/15/2019	51	--	--	--	3.5 J	<4.2	5.2 J	<3.6	<6.5	--	11 J	10 J	63	<1.5	<4.1	1,700	<2.0	--	--
	RISG-28	5	3/08/2019	21 J	--	--	--	1.6 J	<4.2	<2.2	<3.6	<6.5	--	6.2 J	17	<2.0	2.3 J	<4.1	67	<2.0	--	--
		15	3/08/2019	47	--	--	--	2.1 J	<4.2	<2.2	<3.6	<6.5	--	17	16	<2.0	<1.5	<4.1	62	<2.0	--	--
	RISG-29	5	3/11/2019	16 J	--	--	--	<1.3	<4.2	5.5 J	<3.6	<6.5	--	<2.9	26	3.8 J	<1.5	<4.1	360	<2.0	--	--
15		3/11/2019	29	--	--	--	1.3 J	<4.2	5.9 J	<3.6	<6.5	--	9.8 J	15	5.2 J	<1.5	<4.1	670	<2.0	--	--	
RISG-30	5	3/15/2019	36	--	--	--	8.0	<4.2	5.8 J	<3.6	<6.5	--	7.5 J+	8.9 J	2.2 J	2.3 J	140	110	<2.0	--	--	
	10	3/15/2019	36 J	--	--	--	5.5 J	<9.7	<5.1	<8.3	<15	--	<6.7	34	<4.6	<3.4	93	90	<4.7	--	--	
Phase 3 RI	RISG-1	5 - 5.5	11/11/2019	<11	ND	<2.4	--	<1.1	<1.3	<1.7	<1.4	--	--	<3.2	<17	31	<0.69	<4.7	3,600	4.1 UJ	<1.4	4.6 UJ
		15 - 15.5	11/11/2019	<26	ND	<5.5	--	<2.5	<3.1	<3.9	<3.4	--	--	<7.4	<40	85	<1.6	<11	9,400	9.5 UJ	<3.3	11 UJ
	RISG-2	5 - 5.5	11/12/2019	<7.3	<21	<20	--	<1.7	<1.9	<4.4	<4.4	--	--	<5.5	<4.9	26	<2.2	0.52 J	1,500	<0.45	<1.7	<88
			11/12/2019 (FD)	<6.8	<20	<18	--	<1.6	<1.7	<4.1	<4.2	--	--	<5.2	14 J	26	<2.0	<0.33	1,500	<0.42	<1.6	<83
	RISG-3	15 - 15.5	11/12/2019	<7.5	<21	<20	--	<1.8	<1.9	<4.5	<4.5	--	--	<5.6	<5.0	36	<2.2	<0.36	2,400	<0.46	<1.7	<90
		5 - 5.5	11/13/2019	<6.7	<19	<18	--	<1.6	<1.7	<4.1	<4.1	--	--	<5.1	<4.5	5.8	<2.0	<0.33	690	<0.42	<1.6	<81
	RISG-4	15 - 15.5	11/13/2019	<7.2	<20	<19	--	<1.7	<1.8	<4.3	<4.3	--	--	<5.4	<4.8	36	<2.1	<0.35	2,500	<0.44	<1.7	<86
		5 - 5.5	11/12/2019	<1.8	ND	<4.9	--	<0.42	<0.46	4.0	<1.1	--	--	<1.4	<1.2	1.1	<0.54	<0.088	310	0.12 J	<0.42	<22
	RISG-5	15 - 15.5	11/12/2019	5.9 J	ND	<9.3	--	0.21 J	<0.78	8.2	<1.3	--	--	<1.7	<2.3	1.2	<0.33	<0.066	490	<0.66	<0.47	<41
		5 - 5.5	11/12/2019	<3.6	ND	<9.7	--	<0.84	<0.91	<2.2	<2.2	--	--	<2.7	<2.4	3.5	<1.1	<0.18	690	0.39 J	<0.83	<43
	RISG-6	5 - 5.5	11/12/2019 (FD)	<3.7	ND	<10	--	<0.88	<0.95	<2.3	<2.3	--	--	<2.8	<2.5	3.6	<1.1	<0.18	740	<0.23	<0.87	<45
			15 - 15.5	11/12/2019	13	ND	<4.0	--	0.61	<0.37	<0.89	<0.89	--	--	2.8 J	<0.98	1.7	0.58 J	0.19 J	230	0.68 J	<0.34
	RISG-7	5 - 5.5	11/13/2019	<38	ND	<8.1	--	<3.6	<4.6	<5.8	<5.0	--	--	<11	<59	320	<2.4	<16	10,000	<14	<4.9	<16
		15 - 15.5	11/13/2019 (FD)	<36	ND	<7.8	--	<3.5	<4.3	<5.5	<4.8	--	--	<10	<56	320	<2.3	<15	11,000	<13	<4.6	<15
RISG-7	5 - 5.5	11/11/2019	6.9	ND	<1.8	--	0.43	<0.17	0.81 J	<0.42	--	--	1.3 J	<0.46	0.86	0.39 J	0.14 J	60	0.12 J	<0.16	<8.3	

Table K-2. OU-2 Soil Gas Analytical Results Summary
VOCs (µg/m³)
Nevada Environmental Response Trust Site

Investigation	Location	Sample Depth (ft bgs)	Date	VOCs (µg/m³)																		
				Acetone	Acrolein	Acrylonitrile	t-Amyl methyl ether	Benzene	Benzyl chloride	Bromodichloro-methane	Bromoform	Bromomethane	1,3-Butadiene	2-Butanone	Carbon disulfide	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	Cyclohexane	1,2-Dibromo-3-chloropropane
Phase 3 RI	RISG-7	10 - 10.5	11/11/2019	11	<2.5	<2.4	--	0.76	<0.22	1.3 J	<0.53	--	--	1.6 J	1.6 J	1.8	0.46 J	0.17 J	130	0.50 J	<0.20	<10
	RISG-8	5 - 5.5	11/12/2019	<0.72	ND	<1.9	--	<0.17	<0.18	<0.43	<0.43	--	--	0.69 J	<0.48	0.15 J	<0.21	<0.035	14	0.14 J	<0.17	<8.6
	RISG-9	5 - 5.5	11/12/2019	3.6 J	<2.0	<1.8	--	0.63	<0.17	1.9	<0.42	--	--	0.64 J	<0.46	0.36	0.50 J	12	28	0.13 J	<0.16	<8.3
			11/12/2019 (FD)	4.0 J	<2.0	<1.8	--	0.62	<0.17	2.1	<0.42	--	--	1.1 J	<0.46	0.32	0.32 J	12	28	0.21 J	<0.16	<8.3
	RISG-27	5 - 5.5	11/15/2019	<3.9	ND	<11	--	<0.92	<1.0	<2.4	<2.4	--	--	<3.0	<2.6	26	1.4 J	0.30 J	740	<0.24	<0.91	<47
		15 - 15.5	11/15/2019	<6.7	ND	<18	--	<1.6	<1.7	4.4 J	<4.1	--	--	<5.1	<4.5	67	<2.0	0.66 J	2,100	1.0 J	<1.6	<81
	RISG-28	5 - 5.5	11/13/2019	5.3	<2.1	<2.0	--	0.48	<0.19	<0.44	<0.44	--	--	0.56 J	<0.49	0.64	1.2	0.21 J	35	0.15 J	<0.17	<8.8
			11/13/2019 (FD)	7.7	<2.0	<1.9	--	0.38	<0.18	<0.42	<0.42	--	--	0.76 J	1.8 J	0.67	1.2	0.22 J	35	0.14 J	<0.16	<8.4
			15 - 15.5	11/13/2019	6.9	<2.1	<2.0	--	0.70	<0.19	<0.45	<0.45	--	--	0.85 J	0.56 J	1.4	1.3	0.70	82	0.66 J	0.45 J
	RISG-29	5 - 5.5	11/08/2019	12 J	<7.0	<0.37	--	<0.16	1.5 UJ	2.2 J	<2.7	--	--	2.1 J	<2.2	1.8	<0.75	<0.061	350	0.15 J	<0.77	<29
		15 - 15.5	11/08/2019	<10	<18	<0.96	--	<0.41	3.9 UJ	6.4 J	<7.0	--	--	<2.6	<5.8	3.4	<2.0	<0.16	910	<0.34	<2.0	<77
	RISG-30	5 - 5.5	11/13/2019	<1.8	ND	<4.8	--	9.9	<0.45	45	<1.1	--	--	<1.3	<1.2	2.6	4.8	160	270	0.20 J	1.0 J	<21
			11/13/2019 (FD)	<1.8	ND	<4.9	--	10	<0.46	46	<1.1	--	--	<1.4	<1.2	2.4	5.4	160	270	0.22 J	0.75 J	<22
			11/13/2019	15 J	ND	<2.2	--	3.3	<0.20	7.5	<0.49	--	--	3.8	13	1.6	1.7	56	120	0.21 J	0.37 J	<9.7
			11/13/2019 (FD)	6.8 J	ND	<2.1	--	3.3	<0.20	7.9	<0.48	--	--	1.0 J	<0.53	1.7	1.8	57	120	0.13 J	0.48 J	<9.5
	RISG-52	5 - 5.5	12/11/2019	9.9	ND	<1.8	--	1.9	<0.17	<0.41	<0.42	--	--	2.2 J	40	1.1	<0.20	0.069 J	19	0.11 J	0.42 J	<8.3
		15 - 15.5	12/11/2019	<6.2	ND	<17	--	<1.5	<1.6	<3.8	<3.8	--	--	<4.7	<4.2	11	<1.9	<0.30	990	<0.38	<1.4	<75
	RISG-53	5 - 5.5	12/11/2019	17	ND	<1.7	--	0.23 J	<0.16	10	<0.39	--	--	2.6	3.0	0.80	<0.19	<0.031	140	0.047 J	<0.15	<7.8
		15 - 15.5	12/11/2019	14	ND	<4.6	--	0.58 J	<0.43	14	<1.0	--	--	11	<1.1	1.1	<0.50	<0.082	290	0.20 J	<0.39	<20
	RISG-54	5 - 5.5	12/10/2019	12 J	ND	<20	--	<1.8	<1.9	<4.5	<4.5	--	--	<5.6	12 J	340	<2.2	0.48 J	3,200	<0.46	2.7 J	<90
		15 - 15.5	12/10/2019	20 J	ND	<36	--	<4.3	<7.3	<8.4	<15	--	--	<10	<7.5	440	<6.1	<6.8	6,000	<19	<6.0	<160
	RISG-55	5 - 5.5	12/10/2019	<6.4	ND	<17	--	<1.5	<1.6	<3.8	<3.9	--	--	<4.8	14 J	140	<1.9	1.3 J	2,200	<0.39	<1.5	<77
		15 - 15.5	12/10/2019	16 J	ND	<24	--	<2.9	<5.0	<5.7	<9.9	--	--	13 J	<5.1	170	<4.2	<4.6	4,300	<13	<4.1	<110
	RISG-56	5 - 5.5	12/10/2019	18 J	ND	<29	--	<3.4	<5.9	<6.8	<12	--	--	14 J	<6.1	71	<4.9	<5.5	5,000	<15	<4.8	<130
		15 - 15.5	12/11/2019	48	ND	<15	--	2.3 J	<3.1	<3.6	<6.3	--	--	5.7 J	7.3 J	46	<2.6	<2.9	2,800	<8.2	<2.6	<69
	RISG-57	5 - 5.5	12/12/2019	8.8 J	ND	<20	--	<1.7	<1.9	8.8 J	<4.4	--	--	<5.5	21 J	58	<2.2	<0.36	1,800	<0.45	<1.7	<88
		15 - 15.5	12/12/2019	41 J	ND	<21	--	<2.4	<4.2	<4.8	<8.4	--	--	24 J	<4.3	78	<3.5	<3.9	4,100	<11	<3.5	<93
	RISG-58	5 - 5.5	12/12/2019	<6.6	ND	<18	--	<1.6	<1.7	16	<4.0	--	--	<5.0	12 J	50	<2.0	<0.32	1,400	<0.41	<1.5	<80
		15 - 15.5	12/12/2019	23 J	ND	<0.64	--	<1.8	<1.2	29	<2.9	--	--	13 J	21 J	55	<0.87	<4.7	2,900	<2.8	<0.50	<2.0
	RISG-59	5 - 5.5	12/13/2019	21 J	ND	<1.1	--	2.4 J	<4.6	12	<8.2	--	--	<3.1	12 J	29	<2.3	<0.19	2,100	<0.40	<2.4	<90
		15 - 15.5	1/22/2020	<10	ND	<26	--	<3.0	<5.3	12 J	<10	--	--	<7.2	<5.4	46	<4.4	<4.9	4,300	<14	<4.3	<120
	RISG-60	5 - 5.5	12/13/2019	30 J	ND	<0.90	--	0.96 J	<3.6	14	<6.5	--	--	3.7 J	<5.4	43	<1.8	<0.15	1,200	0.35 J	<1.9	<72
		15 - 15.5	1/22/2020	13 J	ND	<19	--	<1.6	<1.8	25	<4.2	--	--	8.8 J	<4.7	54	<2.1	<0.34	2,300	<0.43	<1.6	<84
	RISG-61	5 - 5.5	12/16/2019	42	ND	<0.12	--	0.71	<0.50	4.6	<0.90	--	--	2.3 J	3.1 J	0.81	<0.25	0.078 J	170	0.11 J	0.43 J	<9.9
			12/16/2019 (FD)	31	ND	<0.12	--	0.76	<0.49	4.5	<0.88	--	--	1.5 J	3.6	0.76	<0.25	0.077 J	160	<0.043	0.50 J	<9.7
	RISG-62	5 - 5.5	12/31/2019	31	ND	<0.20	--	2.2	<0.84	9.2	<1.5	--	--	12	37	1.2	<0.42	<0.034	240	0.13 J	0.64 J	<16
		15 - 15.5	12/13/2019	14 J	ND	<0.50	--	1.8	<2.0	<2.1	<3.7	--	--	1.9 J	9.0 J	19	<1.0	0.12 J	600	<0.18	<1.0	<40
	RISG-63	5 - 5.5	12/13/2019	73	ND	<1.0	--	2.9	<4.3	<4.3	<7.7	--	--	27	<6.3	40	<2.2	<0.17	1,400	<0.38	<2.2	<84
		15 - 15.5	12/12/2019	120 J+	ND	<9.7	--	<0.84	<0.91	<2.2	<2.2	--	--	9.6 J	3.2 J	7.1	<1.1	<0.18	820	<0.22	<0.83	<43
	RISG-64	5 - 5.5	12/12/2019	18 J	ND	<0.98	--	0.67 J	<4.0	<4.1	<7.2	--	--	<2.7	<5.9	14	<2.0	<0.16	1,900	<0.35	<2.1	<79
		15 - 15.5	12/12/2019	18 J+	ND	<3.7	--	0.51 J	<0.35	2.0 J	<0.83	--	--	1.9 J	8.9	2.6	<0.41	<0.067	210	0.13 J+	<0.32	<16
	RISG-65	5 - 5.5	12/11/2019	33 J+	ND	<6.2	--	1.1	<0.58	3.6 J	<1.4	--	--	16	2.1 J	4.1	<0.68	<0.11	550	0.22 J+	<0.53	<28
		15 - 15.5	12/12/2019	16 J+	ND	<2.0	--	1.6	<0.19	10	<0.45	--	--	1.2 J	30	1.7	<0.22	0.22 J	150	0.070 J+	0.37 J	<9.0
	RISG-66	5 - 5.5	12/12/2019	34 J	ND	<6.3	--	4.4	<0.59	15	<1.4	--	--	8.8	26	3.6	<0.70	0.52 J	410	0.38 J+	<0.54	<28
		15 - 15.5	12/12/2019 (FD)	18 J	ND	<5.8	--	2.8	<0.55	17	<1.3	--	--	5.9 J	18	3.4	<0.64	0.54 J	380	0.17 J+	<0.50	<26
	RISG-67	5 - 5.5	12/11/2019	22	ND	<1.7	--	0.25	<0.16	0.85 J	<0.38	--	--	1.9 J	9.4	2.7	<0.19	0.071 J	67	0.10 J	<0.15	<7.6
		15 - 15.5	12/11/2019	57	ND	<2.9	--	7.6	<0.27	<0.65	<0.65	--	--	24	170	4.3	<0.32	0.085 J	200	0.66 J	1.0	<13
	RISG-68	5 - 5.5	12/10/2019	12	ND	<3.6	--	0.60	<0.34	1.2 J	<0.82	--	--	1.6 J	9.8	0.84	<0.40	0.12 J	200	0.098 J	<0.31	<16
15 - 15.5		12/11/2019	20 J+	ND	<8.9	--	0.98 J	<0.84	<2.0	<2.0	--	--	13	<2.2	1.6	<0.98	<0.16	550	0.23 J+	<0.76	<40	
RISG-68	5 - 5.5	12/10/2019	77	ND	<16	--	2.5 J	<3.2	<3.7	<6.4	--	--	5.3 J	16 J	26	<2.7	<3.0	2,800	<8.4	<2.6	<70	

Table K-2. OU-2 Soil Gas Analytical Results Summary
 VOCs (µg/m³)
 Nevada Environmental Response Trust Site

Investigation	Location	Sample Depth (ft bgs)	Date	VOCs (µg/m³)																		
				Acetone	Acrolein	Acrylonitrile	t-Amyl methyl ether	Benzene	Benzyl chloride	Bromodichloro-methane	Bromoform	Bromomethane	1,3-Butadiene	2-Butanone	Carbon disulfide	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	Cyclohexane	1,2-Dibromo-3-chloropropane
Phase 3 RI	RISG-68	15 - 15.5	12/10/2019	51 J	ND	<33	--	<3.9	<6.7	<7.7	<13	--	--	<9.3	<6.9	38	<5.6	<6.3	5,100	<18	<5.5	<150
			12/10/2019 (FD)	34 J	ND	<33	--	<3.9	<6.7	<7.7	<13	--	--	<9.3	<6.9	38	<5.6	<6.3	5,400	<18	<5.5	<150
	RISG-69	5 - 5.5	12/09/2019	17	ND	<4.8	--	1.5	<0.45	53	<1.1	--	--	1.8 J	18	1.1	<0.53	0.11 J	280	0.11 J	<0.41	<21
		15 - 15.5	12/09/2019	5.9 J	ND	<10	--	2.0	<0.95	120	<2.2	--	--	<2.8	3.4 J	1.4	<1.1	<0.18	590	0.57 J	<0.86	<45
	RISG-70	5 - 5.5	12/10/2019	16 J	ND	<14	--	1.8 J	<2.8	<3.2	<5.6	--	--	<3.8	19 J	19	<2.3	<2.6	2,200	<7.3	<2.3	<62
		15 - 15.5	12/10/2019	20 J	ND	<37	--	<4.4	<7.5	<8.6	<15	--	--	<10	<7.7	53	<6.3	<7.0	6,800	<20	<6.2	<160
	RISG-71	5 - 5.5	12/11/2019	30 J	ND	<16	--	<1.9	<3.2	<3.7	<6.4	--	--	<4.4	8.3 J	25	<2.7	<3.0	2,500	<8.4	<2.6	<70
			12/11/2019 (FD)	28 J	ND	<15	--	<1.8	<3.1	<3.6	<6.3	--	--	<4.3	8.3 J	25	<2.6	<2.9	2,600	<8.2	<2.6	<69
		15 - 15.5	12/11/2019	22 J	ND	<25	--	<2.9	<5.0	<5.7	<10	--	--	<6.9	5.8 J	32	<4.2	<4.7	3,900	<13	<4.1	<110
	RISG-72	5 - 5.5	12/04/2019	4.6 J	ND	<4.6	--	0.75	<0.43	1.5 J	<1.0	--	--	<1.3	9.6	0.98	<0.51	<0.083	280	<0.10	<0.39	<20
		15 - 15.5	12/04/2019	7.0 J	ND	<9.2	--	<0.79	<0.86	2.6 J	<2.0	--	--	<2.5	<2.3	1.1	<1.0	<0.16	600	<0.21	<0.78	<41
	RISG-73	5 - 5.5	12/09/2019	9.1 J	ND	<4.2	--	<0.37	<0.40	<0.95	<0.95	--	--	2.1 J	3.6 J	0.97	<0.47	<0.077	240	<0.097	<0.36	<19
		15 - 15.5	12/09/2019	40	ND	<9.7	--	4.7	<0.91	<2.2	<2.2	--	--	19	100	1.6	<1.1	<0.18	620	0.58 J	<0.83	<43
	RISG-74	5 - 5.5	12/03/2019	<7.2	ND	<20	--	<1.7	<1.8	330	<4.4	--	--	<5.4	15 J	1.4 J	<2.2	<0.35	1,200	<0.44	<1.7	<87
			12/03/2019 (FD)	14 J	ND	<19	--	<1.6	<1.8	340	<4.2	--	--	<5.2	16 J	1.4 J	<2.1	0.37 J	1,300	<0.43	<1.6	<84
		15 - 15.5	12/03/2019	21 J	ND	<19	--	<1.6	<1.8	760	<4.2	--	--	16 J	19 J	2.8	<2.1	<0.34	2,300	0.63 J	<1.6	<84
			12/03/2019 (FD)	19 J	ND	<19	--	<1.6	<1.8	740	<4.2	--	--	12 J	23 J	2.7	<2.1	0.36 J	2,200	0.62 J	<1.6	<83
	RISG-75	5 - 5.5	12/03/2019	5.4 J	ND	<6.0	--	2.5	<0.57	8.9	<1.4	--	--	<1.7	25	5.4	<0.67	0.17 J	350	<0.14	0.64 J	<27
		15 - 15.5	12/03/2019	<6.9	ND	<19	--	1.8 J	<1.8	<4.2	<4.2	--	--	<5.2	30	8.0	<2.1	<0.34	610	<0.42	<1.6	<83
	RISG-76	5 - 5.5	12/16/2019	15 J	ND	<0.63	--	1.1 J	<2.6	<2.6	<4.6	--	--	<1.7	3.8 J	14	<1.3	<0.10	830	<0.23	<1.3	<51
		15 - 15.5	1/22/2020	15 J	ND	<38	--	<4.5	<7.8	<8.8	<15	--	--	<17 J	<8.0	64	<6.5	<7.2	4,800	<20	<6.4	<170
	RISG-77	4.5 - 5	11/22/2019	120	ND	<24	--	4.3 J	<4.9	11 J	<9.8	--	--	<6.8	42	12 J	<4.1	<4.6	3,200	<13	<4.0	<110
		15 - 15.5	11/22/2019	34 J	ND	<43	--	<5.1	<8.8	<10	<18	--	--	17 J	21 J	22 J	<7.4	<8.2	5,800	<23	<7.2	<190
	RISG-78	5 - 5.5	12/02/2019	10	ND	<2.1	--	0.82	<0.20	4.5	<0.47	--	--	1.7 J	21	1.6	0.37 J	0.064 J	110	0.068 J	<0.18	<9.4
15 - 15.5		12/02/2019	9.9 J	ND	<5.0	--	1.0	<0.47	2.3 J	<1.1	--	--	3.6 J	2.0 J	3.1	<0.55	0.14 J	290	0.22 J	<0.43	<22	

Notes:
 (FD): field duplicate
 ft bgs: feet below ground surface
 µg/m³: micrograms per cubic meter
 '-': not analyzed
Bold value: detected result
 < : Not detected above laboratory reporting limits
 J : Estimated value
 J- : Estimated value, potential negative bias
 J+ : Estimated value, potential positive bias
 UJ : The analyte was not detected, detection limit is an estimated quantity
 ND : Result reported as tentatively identified compound and not detected

Table K-2. OU-2 Soil Gas Analytical Results Summary
 VOCs (µg/m³)
 Nevada Environmental Response Trust Site

Investigation	Location	Sample Depth (ft bgs)	Date	VOCs (µg/m³)																		
				Dibromochloro-methane	1,2-Dibromoethane	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Dichlorodifluoro methane	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,2-Dichloropropane	cis-1,3-Dichloropropene	trans-1,3-Dichloropropene	Diisopropyl ether	1,4-Dioxane	Ethanol	Ethyl acetate	Ethyl benzene
Phase 1 RI	RISG-1	5	3/09/2015	2.1 J	0.11 J	<0.16	<0.26	<0.62	4	3.8	0.26 J	20	1.1 J	<0.21	0.59 J	<0.3	<0.26	<0.35	<0.13	12 J	<0.36	4.9
		13	3/06/2015	0.49 J	<0.0037	<0.16	<0.26	0.79 J	<0.56	3.5	1.1 J	19	<0.56	<0.21	1.2 J	<0.3	<0.26	<0.35	<0.13	160	7.7	74
	RISG-2	5	3/19/2015	<0.0048	<0.0037	<0.16	<0.26	<0.62	3.2	5.1	0.089 J	93	11	1.1 J	<0.01	<0.3	<0.26	<0.35	<0.13	26 J	<0.36	7.2
		15	3/19/2015	<0.0048	0.047 J	<0.16	<0.26	<0.62	3.1	9	0.58 J	170	2.6	0.28 J	<0.01	<0.3	<0.26	<0.35	<0.13	50 J	9.4	13
	RISG-3	5	3/06/2015	0.88 J	0.09 J	<0.16	<0.26	<0.62	5.3	5	0.22 J	46	1.1 J	<0.21	<0.01	<0.3	<0.26	<0.35	<0.13	15 J	<0.36	4.3
		15	3/06/2015	0.29 J	0.087 J	<0.16	<0.26	<0.62	5.6	6.7	0.73 J	67	1.8 J	0.25 J	1.1 J	<0.3	<0.26	<0.35	<0.13	<11	<0.36	9.5 J
			3/06/2015 (FD)	0.28 J	0.088 J	<0.16	<0.26	<0.62	5.7	6.6	0.74 J	66	1.8 J	0.24 J	1.1 J	<0.3	<0.26	<0.35	<0.13	<11	<0.36	3.5 J
Phase 2 RI	RISG-1	5	3/11/2019	<8.6	<7.4	<10	<8.5	<12	<9.2	<3.7	<4.6	5.3 J	<4.5	<5.1	<14	<6.1	<5.1	--	--	--	--	<3.5
		15	3/11/2019	<16	<14	<18	<16	<21	<17	<6.8	<8.4	19 J	<8.3	<9.3	<26	<11	<9.4	--	--	--	--	<6.4
	RISG-2	5	3/14/2019	<3.4	<2.9	<3.9	4.3 J	<4.5	4.2 J	<1.5	<1.8	5.7 J	<1.8	<2.0	<5.5	<2.4	<2.0	--	--	--	--	1.5 J
		15	3/14/2019	<3.4	<2.9	<3.9	<3.3	<4.5	4.3 J	<1.5	<1.8	6.4 J	<1.8	<2.0	<5.5	<2.4	<2.0	--	--	--	--	<1.4
	RISG-3	5	3/15/2019	<6.8	<5.8	<7.9	<6.7	<9.0	<7.2	<2.9	<3.6	12 J	<3.6	<4.0	<11	<4.8	<4.0	--	--	--	--	<2.8
		15	3/15/2019	<8.3	<7.1	<9.7	<8.2	<11	<8.9	4.3 J	<4.4	39	<4.4	<4.9	<14	<5.9	<5.0	--	--	--	--	6.9 J
	RISG-4	5	3/11/2019	<3.4	<2.9	<3.9	<3.3	<4.5	4.0 J	<1.5	<1.8	<1.4	<1.8	<2.0	<5.5	<2.4	<2.0	--	--	--	--	<1.4
		15	3/11/2019	<3.4	<2.9	<3.9	<3.3	<4.5	<3.6	<1.5	<1.8	<1.4	<1.8	<2.0	<5.5	<2.4	<2.0	--	--	--	--	<1.4
	RISG-5	5	3/13/2019	<3.4	<2.9	<3.9	<3.3	<4.5	3.9 J	<1.5	<1.8	<1.4	<1.8	<2.0	<5.5	<2.4	<2.0	--	--	--	--	4.4 J
			3/13/2019 (FD)	<3.4	<2.9	7.3 J	7.8 J	6.7 J	3.6 J	<1.5	<1.8	1.5 J	<1.8	<2.0	<5.5	<2.4	<2.0	--	--	--	--	5.7 J
		15	3/14/2019	<3.4	<2.9	<3.9	<3.3	<4.5	3.9 J	2.3 J	<1.8	7.5 J	<1.8	<2.0	<5.5	<2.4	<2.0	--	--	--	--	<1.4
	RISG-6	5	3/22/2019	<40	<34	<47	<39	<53	<43	<17	<21	68 J	<21	<24	<66	<28	<24	--	--	--	--	<16
		15	3/22/2019	<49	<42	<57	<48	<65	<52	22 J	<26	140 J	<26	<29	<81	<34	<29	--	--	--	--	<20
				3/22/2019 (FD)	<51	<44	<59	<50	<68	<54	22 J	<27	<30	<84	<36	<30	<30	--	--	--	--	<21
	RISG-7	5	3/14/2019	<3.4	<2.9	<3.9	<3.3	<4.5	3.7 J	<1.5	<1.8	<1.4	<1.8	<2.0	<5.5	<2.4	<2.0	--	--	--	--	11
		10	3/14/2019	<3.4	<2.9	<3.9	<3.3	<4.5	3.9 J	<1.5	<1.8	<1.4	<1.8	<2.0	<5.5	<2.4	<2.0	--	--	--	--	11
	RISG-8	5	3/21/2019	<3.4	<2.9	<3.9	<3.3	<4.5	6.6 J	<1.5	<1.8	1.9 J	<1.8	<2.0	<5.5	<2.4	<2.0	--	--	--	--	5.9 J
	RISG-9	5	3/14/2019	<3.4	<2.9	<3.9	<3.3	<4.5	3.9 J	11	<1.8	<1.4	<1.8	<2.0	<5.5	<2.4	<2.0	--	--	--	--	<1.4
			3/14/2019 (FD)	<3.4	<2.9	<3.9	<3.3	<4.5	4.1 J	11	<1.8	<1.4	<1.8	<2.0	<5.5	<2.4	<2.0	--	--	--	--	<1.4
	RISG-27	5	3/15/2019	<3.4	<2.9	<3.9	<3.3	<4.5	3.8 J	<1.5	<1.8	<1.4	<1.8	<2.0	<5.5	<2.4	<2.0	--	--	--	--	1.8 J
		15	3/15/2019	<3.4	<2.9	<3.9	<3.3	<4.5	<3.6	<1.5	<1.8	1.6 J	<1.8	<2.0	<5.5	<2.4	<2.0	--	--	--	--	3.6 J
	RISG-28	5	3/08/2019	<3.4	<2.9	<3.9	6.2 J	<4.5	4.1 J	<1.5	<1.8	<1.4	<1.8	<2.0	<5.5	<2.4	<2.0	--	--	--	--	1.9 J
		15	3/08/2019	<3.4	<2.9	<3.9	<3.3	<4.5	3.7 J	<1.5	<1.8	<1.4	<1.8	<2.0	<5.5	<2.4	<2.0	--	--	--	--	<1.4
	RISG-29	5	3/11/2019	<3.4	<2.9	<3.9	6.9 J	<4.5	4.4 J	<1.5	<1.8	<1.4	<1.8	<2.0	<5.5	<2.4	<2.0	--	--	--	--	35
15		3/11/2019	<3.4	<2.9	<3.9	7.1 J	<4.5	3.9 J	<1.5	<1.8	1.5 J	<1.8	<2.0	<5.5	<2.4	<2.0	--	--	--	--	3.8 J	
RISG-30	5	3/15/2019	<3.4	<2.9	<3.9	<3.3	<4.5	3.7 J	120	2.1 J	5.7 J	<1.8	<2.0	<5.5	<2.4	<2.0	--	--	--	--	1.4 J	
	10	3/15/2019	<7.7	<6.6	<9.0	<7.6	<10	<8.2	95	<4.1	5.0 J	<4.1	<4.6	<13	<5.4	<4.6	--	--	--	--	<3.1	
Phase 3 RI	RISG-1	5 - 5.5	11/11/2019	<1.4	<1.4	<1.4	2.1 J	<1.4	5.5 J	<1.8	<0.99	3.5 J	<1.6	<2.2	<2.3	--	--	--	<2.0	4.0 UJ	<2.0	<1.3
		15 - 15.5	11/11/2019	<3.3	<3.2	<3.2	2.8 J	<3.2	5.4 J	<4.2	<2.3	20 J	<3.8	<5.2	<5.4	--	--	--	<4.6	9.4 UJ	<4.7	<3.2
	RISG-2	5 - 5.5	11/12/2019	<4.7	<0.44	<2.0	5.8 J	<1.2	3.4	<0.49	<0.27	1.3	<0.51	<0.55	<2.0	--	--	--	<3.5	3.6 UJ	<33	<1.0
			11/12/2019 (FD)	<4.4	<0.41	<1.9	3.6 J	<1.2	3.6	<0.46	<0.25	1.4	<0.48	<0.52	<1.9	--	--	--	<3.3	3.3 UJ	<31	<0.98
	RISG-3	15 - 15.5	11/12/2019	<4.8	<0.45	<2.1	4.5 J	<1.3	3.8	0.72 J	0.31 J	3.3	<0.52	<0.57	<2.1	--	--	--	<3.6	3.6 UJ	<34	<1.1
		5 - 5.5	11/13/2019	<4.3	<0.40	<1.8	<3.5	<1.1	2.7	0.52 J	<0.25	2.8	<0.47	<0.51	<1.9	--	--	--	<3.2	3.3 UJ	<30	<0.96
	RISG-4	15 - 15.5	11/13/2019	<4.6	<0.43	<2.0	<3.7	<1.2	2.9	2.2	<0.26	22	<0.50	<0.54	<2.0	--	--	--	<3.4	3.5 UJ	<32	<1.0
		5 - 5.5	11/12/2019	<1.2	<0.11	<0.50	<0.93	<0.31	2.7	<0.12	<0.066	<0.14	<0.12	<0.14	<0.50	--	--	--	<0.86	0.87 UJ	<8.1	<0.26
	RISG-5	15 - 15.5	11/12/2019	<0.71	<0.13	<0.78	<1.1	<0.56	2.0 J	0.10 J	<0.042	0.18 J	<0.039	<0.042	<0.72	--	--	--	<0.58	<1.8	<15	0.14 J
		5 - 5.5	11/12/2019	<2.3	<0.22	<0.99	<1.8	<0.61	3.0	1.6	<0.13	3.4	0.38 J	<0.27	<1.0	--	--	--	<1.7	3.8 J	<16	<0.51
	RISG-6	5 - 5.5	11/12/2019 (FD)	<2.4	<0.22	<1.0	<1.9	<0.64	3.1	1.7	<0.14	3.6	0.35 J	<0.28	<1.0	--	--	--	<1.8	1.8 UJ	<17	<0.54
			15 - 15.5	11/12/2019	<0.94	<0.088	<0.40	1.6 J	<0.25	2.8	0.48	<0.054	<0.12	<0.10	<0.11	<0.41	--	--	--	<0.70	0.71 UJ	<6.6
	RISG-7	5 - 5.5	11/13/2019	<4.9	<4.6	<4.6	<2.3	<4.8	<4.3	<6.2	<3.4	67	<5.6	<7.6	<7.9	--	--	--	<6.7	14 UJ	<6.9	<4.6
		15 - 15.5	11/13/2019 (FD)	<4.7	<4.4	<4.4	<2.2	<4.6	<4.1	<6.0	<3.2	60	<5.3	<7.2	<7.6	--	--	--	<6.4	13 UJ	<6.6	<4.4
RISG-7	5 - 5.5	11/11/2019	<0.44	<0.041	<0.19	1.2	<0.12	2.5	0.20	<0.025	<0.054	<0.048	<0.052	<0.19	--	--	--	<0.33	0.93 J	<3.1	0.10 J	

Table K-2. OU-2 Soil Gas Analytical Results Summary
VOCs (µg/m³)
Nevada Environmental Response Trust Site

Investigation	Location	Sample Depth (ft bgs)	Date	VOCs (µg/m³)																		
				Dibromochloro-methane	1,2-Dibromoethane	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Dichlorodifluoro methane	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,2-Dichloropropane	cis-1,3-Dichloropropene	trans-1,3-Dichloropropene	Diisopropyl ether	1,4-Dioxane	Ethanol	Ethyl acetate	Ethyl benzene
Phase 3 RI	RISG-7	10 - 10.5	11/11/2019	<0.56	<0.052	<0.24	6.4	0.35	2.7	0.93	0.18	0.26	<0.060	0.095 J	<0.24	--	--	--	<0.42	4.3 J	<3.9	0.16 J
	RISG-8	5 - 5.5	11/12/2019	<0.46	<0.043	<0.20	<0.37	<0.12	2.2	<0.048	<0.026	<0.057	<0.050	<0.054	<0.20	--	--	--	<0.34	2.0 J	<3.2	<0.10
	RISG-9	5 - 5.5	11/12/2019	<0.44	<0.041	<0.19	1.2	<0.12	2.5	6.5	1.2	<0.054	<0.048	0.054 J	<0.19	--	--	--	<0.33	0.33 UJ	<3.1	0.11 J
			11/12/2019 (FD)	<0.44	<0.041	<0.19	1.0	<0.12	2.5	6.6	1.3	<0.054	<0.048	0.057 J	<0.19	--	--	--	<0.33	0.33 UJ	<3.1	<0.098
	RISG-27	5 - 5.5	11/15/2019	<2.5	<0.24	<1.1	<2.0	<0.67	2.7	<0.26	<0.14	<0.31	<0.27	<0.30	<1.1	--	--	--	<1.9	4.2 J	<18	<0.56
		15 - 15.5	11/15/2019	<4.3	<0.40	<1.8	<3.5	<1.1	2.6	0.47 J	<0.25	0.67	<0.47	<0.51	<1.9	--	--	--	<3.2	3.3 UJ	<30	<0.96
	RISG-28	5 - 5.5	11/13/2019	<0.47	<0.044	<0.20	5.6	0.15 J	2.6	0.053 J	<0.027	<0.058	<0.051	<0.055	<0.20	--	--	--	<0.35	2.7 J	<3.3	0.24
			11/13/2019 (FD)	<0.45	<0.042	<0.19	6.3	0.13 J	2.6	<0.047	<0.026	<0.056	<0.049	<0.053	<0.20	--	--	--	<0.33	2.8 J	<3.2	0.17
			15 - 15.5	11/13/2019	<0.48	<0.045	<0.21	10	0.18 J	2.7	0.15	<0.028	0.14	<0.052	0.059 J	<0.21	--	--	--	<0.36	15 J	<3.4
	RISG-29	5 - 5.5	11/08/2019	<1.5	<0.44	2.5 UJ	2.1 UJ	0.50 UJ	1.9	0.25 J	<0.097	<0.069	<0.082	<0.077	<0.63	--	--	--	<0.36	3.4 J	<11	0.18 J
		15 - 15.5	11/08/2019	<4.0	<1.2	6.5 UJ	5.5 UJ	1.3 UJ	2.0	0.75 J	<0.25	1.1	<0.21	<0.20	<1.6	--	--	--	<0.96	<3.2	<29	<0.18
	RISG-30	5 - 5.5	11/13/2019	5.4	<0.10	<0.48	2.6 J	<0.30	2.5	120	4.4	5.1	0.78	0.82 J	<0.49	--	--	--	<0.84	0.85 UJ	<7.9	0.61
			11/13/2019 (FD)	5.8	<0.11	<0.50	3.5	<0.31	2.6	120	4.4	5.2	0.83	0.77 J	<0.50	--	--	--	<0.86	0.87 UJ	<8.1	0.46
			11/13/2019	<0.52	<0.048	<0.22	2.3	<0.14	2.3	56	0.87	1.8	0.28	0.34 J	<0.22	--	--	--	<0.38	2.3 J	<3.6	0.16 J
	RISG-52	5 - 5.5	12/11/2019	<0.44	0.098 J	<0.19	0.66 J	<0.12	2.7	0.25	<0.025	<0.054	<0.048	<0.052	<0.19	--	--	--	<0.33	5.7 J	<3.1	0.80
		15 - 15.5	12/11/2019	<4.0	<0.38	<1.7	<3.2	<1.1	5.0	11	<0.23	<0.49	<0.44	<0.47	<1.7	--	--	--	<3.0	14 J	<28	<0.89
	RISG-53	5 - 5.5	12/11/2019	<0.42	<0.039	<0.18	1.6	<0.11	2.6	<0.043	<0.024	<0.051	<0.045	<0.049	<0.18	--	--	--	<0.31	7.6 J	<2.9	0.24
		15 - 15.5	12/11/2019	<1.1	<0.10	<0.46	0.92 J	<0.29	2.5	<0.11	<0.062	<0.13	<0.12	<0.13	<0.47	--	--	--	<0.80	6.9 J	<7.6	<0.24
	RISG-54	5 - 5.5	12/10/2019	<4.8	<0.45	<2.1	<3.9	<1.3	3.0	1.6	<0.28	6.3	<0.52	<0.57	<2.1	--	--	--	<3.6	4.6 J	<34	<1.1
		15 - 15.5	12/10/2019	<13	<13	<11	<10	<10	<7.8	<6.4	<8.8	22	<4.6	<5.0	<12	--	--	--	<32	<21	<60	<7.2
	RISG-55	5 - 5.5	12/10/2019	<4.1	<0.38	<1.8	<3.3	<1.1	2.8	0.52 J	<0.24	<0.50	<0.44	<0.48	<1.8	--	--	--	<3.0	3.1 UJ	<29	<0.91
		15 - 15.5	12/10/2019	<9.2	<8.7	<7.5	<6.8	<7.1	<5.3	<4.4	<6.0	<4.9	<3.1	<3.4	<7.8	--	--	--	<22	<14	<41	<4.9
	RISG-56	5 - 5.5	12/10/2019	<11	<10	<8.9	<8.1	<8.5	<6.3	<5.2	<7.1	57	<3.7	<4.0	<9.3	--	--	--	<26	23 J	<48	<5.8
		15 - 15.5	12/11/2019	<5.8	<5.5	<4.7	7.9 J	<4.5	<3.4	3.2 J	<3.8	36	<2.0	<2.1	<4.9	--	--	--	<14	17	<26	<3.1
	RISG-57	5 - 5.5	12/12/2019	<4.7	<0.44	<2.0	<3.8	<1.2	5.8	0.97 J	<0.27	1.1	<0.51	<0.55	<2.0	--	--	--	<3.5	7.4 J	<33	<1.0
		15 - 15.5	12/12/2019	<7.8	<7.4	<6.3	<5.8	<6.0	4.7 J	<3.7	<5.0	9.1 J	<2.6	<2.8	<6.6	--	--	--	<18	22	<34	<4.2
	RISG-58	5 - 5.5	12/12/2019	<4.3	<0.40	<1.8	5.0 J	<1.1	7.4	0.70 J	<0.24	1.1	<0.46	<0.50	<1.8	--	--	--	<3.2	7.9 J	<30	<0.94
		15 - 15.5	12/12/2019	1.8 J	<1.3	<1.2	2.8 J	<0.89	5.9 J	0.99 J	<1.4	4.0 J	<1.2	<2.0	1.6 J	--	--	--	<1.6	9.7 J	<2.2	<0.93
	RISG-59	5 - 5.5	12/13/2019	<4.7	<1.4	7.6 UJ	<6.5	1.5 UJ	5.0	2.5	<0.30	32	0.38 J	<0.24	<1.9	--	--	--	<1.1	7.4 J+	<34	0.74 J
		15 - 15.5	1/22/2020	<9.7	<9.2	<7.9	<7.2	<7.6	6.3 J	5.3 J	<6.3	77	<3.3	<3.6	<8.3	--	--	--	<23	<15	<43	<5.2
	RISG-60	5 - 5.5	12/13/2019	<3.7	<1.1	6.0 UJ	16	1.2 UJ	2.7	0.47 J	<0.24	3.3	<0.20	<0.19	<1.5	--	--	--	<0.89	21 J+	<27	2.2
		15 - 15.5	1/22/2020	<4.5	<0.42	<1.9	<3.6	<1.2	3.0	1.0 J	<0.26	7.8	<0.48	<0.53	<1.9	--	--	--	<3.3	<3.4	<31	<1.0
	RISG-61	5 - 5.5	12/16/2019	<0.51	<0.15	0.83 UJ	9.2	0.18 J	2.1	<0.028	<0.033	<0.023	<0.027	<0.026	<0.21	--	--	--	<0.12	11 J+	<3.7	0.45
			12/16/2019 (FD)	<0.50	<0.14	0.82 UJ	11	0.22 J	2.2	<0.027	<0.032	<0.023	<0.027	<0.025	<0.21	--	--	--	<0.12	5.7 J+	<3.6	0.23
			12/31/2019	<0.86	<0.25	1.4 UJ	36	0.28 UJ	2.2	<0.046	0.13 J	0.076 J	<0.046	<0.043	<0.35	--	--	--	<0.20	23 J+	<6.2	5.6
	RISG-62	5 - 5.5	12/13/2019	<2.1	<0.61	3.4 UJ	<2.9	0.68 UJ	2.4	0.45 J	<0.13	0.20 J	<0.11	<0.10	<0.87	--	--	--	<0.50	9.7 J+	<15	1.8
		15 - 15.5	12/13/2019	<4.4	<1.3	7.1 UJ	11	1.4 UJ	2.4	1.2 J	<0.28	2.7	<0.23	<0.22	<1.8	--	--	--	<1.0	29 J+	<32	4.0
	RISG-63	5 - 5.5	12/12/2019	<2.3	<0.22	<0.99	5.7	<0.61	4.9	1.2	<0.13	3.8	<0.25	<0.27	<1.0	--	--	--	<1.7	17 J	<16	<0.51
15 - 15.5		12/12/2019	<4.1	<1.2	6.7 UJ	<5.7	1.3 UJ	4.8	3.4	<0.26	27	0.70 J	<0.21	<1.7	--	--	--	<0.98	15 J+	<30	0.37 J	
RISG-64	5 - 5.5	12/12/2019	<0.88	<0.082	<0.38	2.9	<0.23	9.2	<0.092	<0.051	<0.11	<0.095	<0.10	<0.38	--	--	--	<0.65	11 J	<6.2	0.48	
	15 - 15.5	12/11/2019	<1.5	<0.14	<0.63	4.1	<0.39	8.8	0.21 J	<0.084	<0.18	<0.16	<0.17	<0.64	--	--	--	<1.1	18 J	<10	<0.33	
RISG-65	5 - 5.5	12/12/2019	0.62 J	<0.045	<0.21	5.4	0.14 J	2.6	0.14 J	<0.028	<0.059	<0.052	<0.057	<0.21	--	--	--	<0.36	11 J	<3.4	0.46	
		12/12/2019	<1.5	0.17 J	<0.64	4.7	<0.40	2.6	0.35 J	<0.086	<0.18	<0.16	<0.18	<0.65	--	--	--	<1.1	13 J	<10	6.3	
		12/12/2019 (FD)	<1.4	0.14 J	<0.59	5.7	<0.37	2.5	0.33 J	<0.080	<0.17	<0.15	<0.16	<0.60	--	--	--	<1.0	8.8 J	<9.7	6.8	
RISG-66	5 - 5.5	12/11/2019	<0.41	<0.038	<0.17	4.3	<0.11	4.6	0.16	0.028 J	<0.050	<0.044	<0.048	<0.18	--	--	--	<0.30	11 J	<2.8	0.22	
	15 - 15.5	12/11/2019	<0.69	0.16 J	<0.30	12	0.31 J	4.1	0.64	<0.040	0.40	0.076 J	<0.081	1.2 J	--	--	--	<0.51	26 J	7.8	1.8	
RISG-67	5 - 5.5	12/10/2019	<0.87	<0.081	<0.37	2.0	<0.23	4.3	0.14 J	<0.050	<0.11	<0.094	<0.10	<0.38	--	--	--	<0.64	9.5	<6.0	0.30	
	15 - 15.5	12/11/2019	<2.1	<0.20	<0.91	9.3	<0.56	4.6	0.48 J	<0.12	0.55	<0.23	<0.25	<0.92	--	--	--	<1.6	17 J	<15	1.5	
RISG-68	5 - 5.5	12/10/2019	<5.9	<5.6	<4.8	<4.4	<4.6	<3.4	<2.8	<3.8	7.3	<2.0	<2.2	<5.1	--	--	--	<14	27	<26	<3.2	

Table K-2. OU-2 Soil Gas Analytical Results Summary
VOCs (µg/m³)
Nevada Environmental Response Trust Site

Investigation	Location	Sample Depth (ft bgs)	Date	VOCs (µg/m³)																		
				Dibromochloro-methane	1,2-Dibromoethane	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Dichlorodifluoro methane	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,2-Dichloropropane	cis-1,3-Dichloropropene	trans-1,3-Dichloropropene	Diisopropyl ether	1,4-Dioxane	Ethanol	Ethyl acetate	Ethyl benzene
Phase 3 RI	RISG-68	15 - 15.5	12/10/2019	<12	<12	<10	<9.2	<9.7	<7.2	<5.9	<8.1	16	<4.2	<4.6	<11	--	--	--	<29	36	<55	<6.6
			12/10/2019 (FD)	<12	<12	<10	<9.2	<9.7	<7.2	<5.9	<8.1	17	<4.2	<4.6	<11	--	--	--	<29	<19	<55	<6.6
	RISG-69	5 - 5.5	12/09/2019	<1.1	<0.11	<0.49	4.2	<0.30	2.7	<0.12	<0.065	<0.14	<0.12	<0.13	<0.49	--	--	--	<0.85	7.2 J	<8.0	0.80
		15 - 15.5	12/09/2019	6.1 J	<0.22	<1.0	2.3 J	<0.64	2.6	<0.25	<0.14	<0.30	<0.26	<0.28	<1.0	--	--	--	<1.8	3.8 J	<17	<0.53
	RISG-70	5 - 5.5	12/10/2019	<5.2	<4.9	<4.2	<3.8	<4.0	<3.0	<2.4	<3.4	9.4	<1.8	<1.9	<4.4	--	--	--	<12	17	<23	<2.8
		15 - 15.5	12/10/2019	<14	<13	<11	<10	<11	<8.0	<6.6	<9.0	23	<4.7	<5.1	<12	--	--	--	<33	<22	<62	<7.4
	RISG-71	5 - 5.5	12/11/2019	<5.9	<5.6	<4.8	<4.4	<4.6	<3.4	<2.8	<3.8	<3.2	<2.0	<2.2	<5.1	--	--	--	<14	17	<26	<3.2
			12/11/2019 (FD)	<5.8	<5.5	<4.7	<4.3	<4.5	<3.4	<2.7	<3.8	3.7 J	<2.0	<2.1	<4.9	--	--	--	<14	19	<26	<3.1
		15 - 15.5	12/11/2019	<9.2	<8.8	<7.5	<6.8	<7.2	<5.4	<4.4	<6.0	<5.0	<3.2	<3.4	<7.9	--	--	--	<22	18 J	<41	<4.9
	RISG-72	5 - 5.5	12/04/2019	<1.1	0.12 J	<0.47	11	<0.29	3.6	1.2	<0.063	<0.13	<0.12	<0.13	<0.47	--	--	--	<0.81	4.4 J	<7.6	<0.24
		15 - 15.5	12/04/2019	<2.2	<0.20	<0.93	5.1	<0.58	3.7	2.9	<0.12	1.0	0.37 J	<0.26	<0.94	--	--	--	<1.6	5.7 J	<15	<0.48
	RISG-73	5 - 5.5	12/09/2019	<1.0	<0.094	<0.43	1.9 J	<0.27	2.7	0.15 J	<0.058	<0.12	<0.11	<0.12	<0.44	--	--	--	<0.75	8.3 J	<7.1	0.24 J
		15 - 15.5	12/09/2019	<2.3	<0.22	<0.99	2.4 J	<0.61	2.7	0.46 J	<0.13	<0.28	<0.25	<0.27	<1.0	--	--	--	<1.7	17 J	<16	1.2
	RISG-74	5 - 5.5	12/03/2019	33	<0.43	<2.0	22	<1.2	3.9	<0.48	<0.27	<0.57	<0.50	<0.54	<2.0	--	--	--	<3.4	3.5 UJ	<32	<1.0
			12/03/2019 (FD)	40	<0.42	<1.9	17	<1.2	3.8	<0.47	<0.26	<0.55	<0.48	<0.52	<1.9	--	--	--	<3.3	4.9 J	<31	<0.99
		15 - 15.5	12/03/2019	210	<0.42	<1.9	5.1 J	<1.2	4.0	<0.47	<0.26	<0.55	<0.48	<0.52	<1.9	--	--	--	<3.3	7.1 J	<31	<0.99
	RISG-75	5 - 5.5	12/03/2019	3.8 J	0.35 J	<0.62	1.3 J	<0.38	3.1	1.6	0.12 J	1.4	<0.16	<0.17	<0.62	--	--	--	<1.1	3.2 J	<10	1.2
		15 - 15.5	12/03/2019	<4.4	<0.42	<1.9	<3.6	<1.2	3.4	2.9	<0.25	3.3	<0.48	<0.52	<1.9	--	--	--	<3.3	7.4 J	<31	1.6
	RISG-76	5 - 5.5	12/16/2019	<2.6	<0.76	4.3 UJ	<3.6	0.85 UJ	2.5	<0.14	<0.17	<0.12	<0.14	<0.13	<1.1	--	--	--	<0.63	8.3 J+	<19	0.54 J
		15 - 15.5	1/22/2020	<14	<14	<12	<10	<11	<8.3	<6.8	<9.3	<7.7	<4.9	<5.2	<12	--	--	--	<34	<22	<63	<7.6
RISG-77	4.5 - 5	11/22/2019	<9.1	<8.6	<7.4	20	<7.1	<5.3	<4.3	<5.9	19	<3.1	<3.3	<7.8	--	--	--	<21	<14	<40	<4.9	
	15 - 15.5	11/22/2019	<16	<15	<13	18 J	<13	<9.4	<7.7	<10	25	<5.6	<5.9	<14	--	--	--	<38	<25	<72	<8.7	
RISG-78	5 - 5.5	12/02/2019	2.4	0.093 J	<0.21	1.0 J	<0.13	2.4	0.15 J	0.040 J	0.088	<0.054	<0.059	<0.22	--	--	--	<0.37	3.3 J	<3.5	0.64	
	15 - 15.5	12/02/2019	<1.2	<0.11	<0.51	1.6 J	<0.31	2.5	0.44	<0.068	0.62	<0.13	<0.14	<0.51	--	--	--	<0.88	4.1 J	<8.3	0.29 J	

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/m³: micrograms per cubic meter
'-' : not analyzed
Bold value: detected result
< : Not detected above laboratory report
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity
ND : Result reported as tentatively identified compound and not detected

Table K-2. OU-2 Soil Gas Analytical Results Summary
VOCs (µg/m³)
Nevada Environmental Response Trust Site

Investigation	Location	Sample Depth (ft bgs)	Date	VOCs (µg/m³)																		
				Ethyl tert-butyl ether	4-Ethyltoluene	Freon 113	Freon 114	n-Heptane	Hexachlorobutadiene	n-Hexane	2-Hexanone	Methyl tert-butyl ether	Methylene Chloride	Methylmethacrylate	Naphthalene	4-Methyl-2-pentanone	Propylene	Styrene	1,1,1,2-Tetrachloroethane	1,1,2,2-Tetrachloroethane	Tetrachloroethene	Tetrahydrofuran
Phase 1 RI	RISG-1	5	3/09/2015	<0.8	3.4	0.79 J	<0.6	<5.7	0.61 J	1.8 J	<0.16	<0.51	2.3	<0.42	3.4 J	2.4	<19	<0.21	<0.007	<0.0076	590	<0.21
		13	3/06/2015	<0.8	54	2.1 J	<0.6	57	<0.15	55	<0.16	<0.51	4.4	<0.42	150	33	<19	<0.21	<0.007	<0.0076	120	<0.21
	RISG-2	5	3/19/2015	<0.8	3.8	0.56 J	<0.6	7.3 J	0.63 J	24	4	<0.51	0.97 J	<0.42	1.4 J	11	<19	0.91 J	0.065 J	<0.0076	7,800	<0.21
		15	3/19/2015	<0.8	6	0.57 J	<0.6	<5.7	2.5 J	7.8 J	2.7	<0.51	1.6 J	<0.42	3.8 J	7	<19	3.3	0.084 J	<0.0076	11,000	7.6
	RISG-3	5	3/06/2015	<0.8	0.58 J	0.73 J	<0.6	<5.7	<0.15	2.6 J	<0.16	<0.51	4.5	<0.42	1.2 J	1.5 J	<19	<0.21	<0.007	<0.0076	240	<0.21
		15	3/06/2015 (FD)	<0.8	7.6	1.1 J	<0.6	<5.7	<0.15	2.7 J	<0.16	<0.51	14	5.2	6.9	3	<19	<0.21	<0.007	<0.0076	340	<0.21
			3/06/2015 (FD)	<0.8	0.59 J	0.76 J	<0.6	<5.7	<0.15	3.2 J	<0.16	<0.51	14	4.1	0.6 J	2.3	<19	<0.21	<0.007	<0.0076	300	<0.21
Phase 2 RI	RISG-1	5	3/11/2019	--	<12	<16	<14	--	<59	--	<4.6	--	<3.2	--	--	<7.1	--	<3.2	--	<6.1	360	--
		15	3/11/2019	--	<22	<29	<25	--	<110	--	<8.4	--	<5.9	--	--	<13	--	<5.9	--	<11	440	--
	RISG-2	5	3/14/2019	--	<4.6	<6.2	<5.4	--	<23	--	<1.8	--	<1.3	--	--	<2.8	--	<1.3	--	<2.4	67	--
		15	3/14/2019	--	<4.6	<6.2	<5.4	--	<23	--	<1.8	--	2.2 J	--	--	<2.8	--	<1.3	--	<2.4	<1.7	--
	RISG-3	5	3/15/2019	--	<9.3	<13	<11	--	<47	--	<3.6	--	<2.5	--	--	<5.6	--	<2.5	--	<4.8	1,800	--
		15	3/15/2019	--	<11	<15	<13	--	<57	--	<4.4	--	<3.1	--	--	<6.9	--	<3.1	--	<5.9	3,800	--
	RISG-4	5	3/11/2019	--	<4.6	<6.2	<5.4	--	<23	--	<1.8	--	<1.3	--	--	<2.8	--	<1.3	--	<2.4	66	--
		15	3/11/2019	--	<4.6	<6.2	<5.4	--	<23	--	<1.8	--	<1.3	--	--	<2.8	--	<1.3	--	<2.4	69	--
	RISG-5	5	3/13/2019	--	<4.6	<6.2	<5.4	--	<23	--	<1.8	--	1.5 J	--	--	<2.8	--	<1.3	--	<2.4	120	--
			3/13/2019 (FD)	--	<4.6	<6.2	<5.4	--	<23	--	2.6 J	--	<1.3	--	--	<2.8	--	6.1 J	--	5.6 J	140	--
		15	3/14/2019	--	<4.6	<6.2	<5.4	--	<23	--	<1.8	--	<1.3	--	--	<2.8	--	<1.3	--	<2.4	160	--
	RISG-6	5	3/22/2019	--	<55	<74	<64	--	<270	--	<21	--	16 J	--	--	<33	--	<15	--	<28	180	--
		15	3/22/2019	--	<67	<91	<79	--	<340	--	<26	--	23 J	--	--	<40	--	<18	--	<35	410	--
				3/22/2019 (FD)	--	<69	<94	<82	--	<350	--	<27	--	23 J	--	<42	--	<19	--	<36	480	--
	RISG-7	5	3/14/2019	--	<4.6	<6.2	<5.4	--	<23	--	<1.8	--	<1.3	--	--	<2.8	--	<1.3	--	<2.4	110	--
		10	3/14/2019	--	<4.6	<6.2	<5.4	--	<23	--	<1.8	--	1.3 J	--	--	<2.8	--	<1.3	--	<2.4	82	--
	RISG-8	5	3/21/2019	--	<4.6	<6.2	<5.4	--	<23	--	<1.8	--	2.0 J	--	--	<2.8	--	<1.3	--	<2.4	19	--
	RISG-9	5	3/14/2019	--	<4.6	<6.2	<5.4	--	<23	--	<1.8	--	3.9 J	--	--	<2.8	--	<1.3	--	<2.4	12 J	--
			3/14/2019 (FD)	--	<4.6	<6.2	<5.4	--	<23	--	<1.8	--	4.0 J	--	--	<2.8	--	<1.3	--	<2.4	11 J	--
	RISG-27	5	3/15/2019	--	<4.6	<6.2	<5.4	--	<23	--	<1.8	--	2.0 J	--	--	<2.8	--	<1.3	--	<2.4	72	--
15		3/15/2019	--	<4.6	<6.2	<5.4	--	38 J	--	<1.8	--	3.5 J	--	--	<2.8	--	<1.3	--	<2.4	140	--	
RISG-28	5	3/08/2019	--	<4.6	<6.2	<5.4	--	<23	--	<1.8	--	1.3 J	--	--	<2.8	--	<1.3	--	<2.4	110	--	
	15	3/08/2019	--	<4.6	<6.2	<5.4	--	<23	--	<1.8	--	2.6 J	--	--	<2.8	--	<1.3	--	<2.4	190	--	
RISG-29	5	3/11/2019	--	<4.6	<6.2	<5.4	--	<23	--	<1.8	--	<1.3	--	--	<2.8	--	<1.3	--	<2.4	270	--	
	15	3/11/2019	--	<4.6	<6.2	<5.4	--	<23	--	<1.8	--	<1.3	--	--	5.8 J	--	<1.3	--	<2.4	460	--	
RISG-30	5	3/15/2019	--	<4.6	<6.2	<5.4	--	<23	--	<1.8	--	25	--	--	<2.8	--	<1.3	--	<2.4	68	--	
	10	3/15/2019	--	<11	<14	<12	--	<53	--	<4.1	--	12 J	--	--	<6.4	--	<2.9	--	<5.4	69	--	
Phase 3 RI	RISG-1	5 - 5.5	11/11/2019	--	<0.99	<3.2	--	<1.4	<4.4	<2.5	<1.0	--	<1.4	<2.5	<1.9	<4.9	--	<0.76	<1.4	<1.2	360	<0.64
		15 - 15.5	11/11/2019	--	<2.3	<7.5	--	<3.3	<10	<5.9	<2.4	--	<3.2	<5.9	<4.4	<12	--	<1.8	<3.3	<2.8	1,100	<1.5
	RISG-2	5 - 5.5	11/12/2019	--	<2.1	<2.8	--	<2.5	<33	<3.6	<9.5	--	<1.8	<37	<0.81	<1.8	--	<0.84	<63	<0.83	52	<11
			11/12/2019 (FD)	--	<2.0	<2.6	--	<2.4	<31	<3.4	<8.9	--	<1.7	<35	<0.76	<1.7	--	<0.78	<59	<0.78	48	<10
	RISG-3	15 - 15.5	11/12/2019	--	<2.1	<2.8	--	<2.6	<34	<3.7	<9.7	--	2.8 J	<38	<0.83	<1.9	--	<0.86	<64	<0.85	65	<11
		5 - 5.5	11/13/2019	--	<1.9	<2.5	--	<2.3	<30	<3.3	<8.7	--	<1.7	<34	<0.75	<1.7	--	<0.77	<58	<0.76	1,400	<9.8
	RISG-4	15 - 15.5	11/13/2019	--	<2.0	<2.7	--	<2.5	<32	<3.6	<9.3	--	<1.8	<37	<0.80	<1.8	--	<0.82	<61	<0.81	4,600	<10
		5 - 5.5	11/12/2019	--	<0.51	<0.68	--	<0.62	<8.1	<0.89	<2.3	--	<0.45	<9.2	<0.20	<0.45	--	<0.20	<15	<0.20	34	<2.6
	RISG-5	15 - 15.5	11/12/2019	--	<0.46	<1.1	--	<1.5	<6.5	<2.9	<1.3	--	<5.0	<18	<0.68	1.8 J	--	<0.54	<29	<0.26	59	<1.8
		5 - 5.5	11/12/2019	--	<1.0	<1.4	--	<1.2	<16	<1.8	<4.6	--	<0.90	<18	<0.40	<0.90	--	<0.41	<31	<0.41	190	<5.2
	RISG-6	5 - 5.5	11/12/2019 (FD)	--	<1.1	<1.4	--	<1.3	<17	<1.8	<4.8	--	<0.94	<19	<0.42	<0.94	--	<0.43	<32	<0.42	220	<5.5
			15 - 15.5	11/12/2019	--	<0.42	<0.55	--	<0.51	<6.6	<0.73	<1.9	--	0.75 J	<7.5	0.39 J	<0.37	--	<0.17	<12	<0.17	99
	RISG-7	5 - 5.5	11/13/2019	--	<3.4	<11	--	<4.8	<15	<8.6	<3.5	--	<4.7	<8.7	<6.5	<17	--	<2.6	<4.8	<4.1	330	<2.2
		15 - 15.5	11/13/2019 (FD)	--	<3.2	<10	--	<4.6	<14	<8.3	<3.4	--	<4.5	<8.3	<6.2	<16	--	<2.5	<4.6	<3.9	350	<2.1
RISG-7	5 - 5.5	11/11/2019	--	<0.20	0.57 J	--	<0.24	<3.1	<0.34	<0.89	--	0.52 J	<3.5	0.12 J	<0.17	--	<0.078	<5.9	<0.078	82	<1.0	

Table K-2. OU-2 Soil Gas Analytical Results Summary
VOCs (µg/m³)
Nevada Environmental Response Trust Site

Investigation	Location	Sample Depth (ft bgs)	Date	VOCs (µg/m³)																		
				Ethyl tert-butyl ether	4-Ethyltoluene	Freon 113	Freon 114	n-Heptane	Hexachlorobutadiene	n-Hexane	2-Hexanone	Methyl tert-butyl ether	Methylene Chloride	Methylmethacrylate	Naphthalene	4-Methyl-2-pentanone	Propylene	Styrene	1,1,1,2-Tetrachloroethane	1,1,2,2-Tetrachloroethane	Tetrachloroethene	Tetrahydrofuran
Phase 3 RI	RISG-7	10 - 10.5	11/11/2019	--	<0.25	<0.33	--	<0.30	<3.9	<0.43	<1.1	--	1.4 J	<4.4	0.66	<0.22	--	<0.10	<7.4	<0.098	180	<1.3
	RISG-8	5 - 5.5	11/12/2019	--	<0.20	<0.27	--	<0.25	<3.2	<0.36	<0.93	--	0.57 J	<3.7	0.18 J	<0.18	--	<0.082	<6.1	<0.081	19	<1.0
	RISG-9	5 - 5.5	11/12/2019	--	<0.20	0.42 J	--	<0.24	<3.1	<0.34	<0.89	--	2.4	<3.5	<0.076	<0.17	--	<0.078	<5.9	<0.078	4.3	<1.0
			11/12/2019 (FD)	--	<0.20	0.51 J	--	<0.24	<3.1	<0.34	<0.89	--	2.3	<3.5	0.082 J	<0.17	--	<0.078	<5.9	<0.078	4.6	<1.0
	RISG-27	5 - 5.5	11/15/2019	--	1.2 J	<1.5	--	<1.4	<18	<1.9	<5.1	--	<0.99	<20	<0.44	<0.99	--	<0.45	<34	<0.44	48	6.6 J
		15 - 15.5	11/15/2019	--	<1.9	<2.5	--	<2.3	80 J	<3.3	<8.7	--	3.9 J	<34	<0.75	<1.7	--	<0.77	<58	<0.76	130	<9.8
	RISG-28	5 - 5.5	11/13/2019	--	0.23 J	0.61 J	--	<0.25	<3.3	<0.36	<0.95	--	1.1 J	<3.7	0.49	<0.18	--	<0.084	<6.3	<0.083	100	<1.1
			11/13/2019 (FD)	--	<0.20	0.55 J	--	<0.24	<3.2	<0.35	<0.91	--	0.95 J	<3.6	0.44 J	<0.18	--	<0.080	<6.0	<0.079	110	<1.0
			15 - 15.5	11/13/2019	--	<0.21	0.62 J	--	<0.26	<3.4	<0.37	<0.97	--	2.6	<3.8	1.7	<0.19	--	<0.086	<6.4	<0.085	220
	RISG-29	5 - 5.5	11/08/2019	--	<0.80	<3.1	--	<1.1	4.9 UJ	<1.4	1.1 UJ	--	<2.0	<12	<0.20	<0.77	--	<0.36	<0.60	<0.13	160	<1.2
		15 - 15.5	11/08/2019	--	<2.1	<8.2	--	<3.0	13 UJ	<3.6	2.8 UJ	--	<5.2	<33	<0.51	<2.0	--	<0.96	<1.6	<0.35	340	<3.1
	RISG-30	5 - 5.5	11/13/2019	--	1.4 J	<0.66	--	<0.61	<8.0	<0.87	<2.3	--	28	<9.0	<0.19	<0.44	--	<0.20	<15	<0.20	110	<2.6
			11/13/2019 (FD)	--	1.0 J	<0.68	--	<0.62	<8.1	<0.89	<2.3	--	28	<9.2	<0.20	<0.45	--	<0.20	<15	<0.20	120	<2.6
		10 - 10.5	11/13/2019	--	<0.23	0.48 J	--	<0.28	<3.6	<0.40	<1.0	--	6.1	<4.1	0.38 J	<0.20	--	<0.092	<6.9	<0.091	66	<1.2
			11/13/2019 (FD)	--	<0.22	0.54 J	--	<0.27	<3.6	<0.39	<1.0	--	6.0	<4.0	0.38 J	<0.20	--	<0.090	<6.7	<0.089	72	<1.1
	RISG-52	5 - 5.5	12/11/2019	--	<0.20	0.68 J	--	<0.24	<3.1	0.44 J	<0.89	--	0.40 J	<3.5	0.096 J	<0.17	--	0.11 J	<5.9	<0.078	12	1.1 J
		15 - 15.5	12/11/2019	--	<1.8	<2.4	--	<2.2	<28	<3.1	<8.1	--	<1.6	<32	<0.69	<1.6	--	<0.72	<54	<0.71	24	<9.1
	RISG-53	5 - 5.5	12/11/2019	--	<0.18	0.54 J	--	<0.22	<2.9	<0.32	<0.84	--	0.51 J	<3.3	0.094 J	<0.16	--	0.13 J	<5.5	<0.073	2.4	<0.94
		15 - 15.5	12/11/2019	--	<0.48	<0.64	--	<0.58	<7.6	<0.83	<2.2	--	<0.42	<8.6	<0.19	<0.42	--	<0.19	<14	<0.19	3.8	<2.5
	RISG-54	5 - 5.5	12/10/2019	--	<2.1	<2.8	--	<2.6	<34	8.0 J	<9.7	--	<1.9	<38	<0.83	<1.9	--	<0.86	<64	<0.85	250	<11
		15 - 15.5	12/10/2019	--	<5.3	<15	--	<5.5	<22	9.7 J	<16	--	<13	<170	<2.2	<6.5	--	<5.0	<110	<12	600	<6.6
	RISG-55	5 - 5.5	12/10/2019	--	<1.8	<2.4	--	<2.2	<29	<3.2	<8.2	--	<1.6	<32	<0.71	<1.6	--	<0.73	<54	<0.72	11	<9.3
		15 - 15.5	12/10/2019	--	<3.6	<10	--	<3.7	<15	<3.8	<11	--	<8.6	<120	<1.5	<4.4	--	<3.4	<78	<8.5	21	<4.5
	RISG-56	5 - 5.5	12/10/2019	--	<4.3	<12	--	<4.4	<18	<4.5	<13	--	<10	<140	<1.8	<5.2	--	<4.0	<92	<10	74	<5.4
		15 - 15.5	12/11/2019	--	<2.3	<6.6	--	<2.3	<9.5	<2.4	<7.0	--	<5.4	<73	<0.94	<2.8	--	<2.1	<49	<5.4	39	<2.8
	RISG-57	5 - 5.5	12/12/2019	--	<2.1	<2.8	--	<2.5	<33	<3.6	<9.5	--	<1.8	<37	<0.81	<1.8	--	<0.84	<63	<0.83	90	<11
		15 - 15.5	12/12/2019	--	<3.1	<8.8	--	<3.1	<13	<3.2	<9.4	--	<7.3	<98	<1.2	<3.7	--	<2.8	<66	<7.2	170	<3.8
	RISG-58	5 - 5.5	12/12/2019	--	<1.9	<2.5	--	<2.3	<30	<3.3	<8.6	--	<1.7	<34	<0.73	<1.7	--	<0.76	<57	<0.75	220	<9.7
		15 - 15.5	12/12/2019	--	<1.0	<2.3	--	<0.99	<3.9	<1.3	<1.7	--	<2.6	<1.6	<0.46	<1.2	--	<1.1	<1.9	<0.96	320	<1.2
	RISG-59	5 - 5.5	12/13/2019	--	2.5 UJ	<9.5	--	<3.5	<15	<4.2	3.2 UJ	--	<6.0	<38	<0.60	<2.4	--	<1.1	<1.8	<0.41	130	<3.6
		15 - 15.5	1/22/2020	--	<3.8	<11	--	<3.9	<16	<4.0	<12	--	<9.1	<120	<1.6	<4.6	--	<3.6	<82	<9.0	250	<4.8
	RISG-60	5 - 5.5	12/13/2019	--	4.0 J	<7.6	--	<2.8	<12	<3.3	2.6 UJ	--	<4.8	<30	0.76 J	<1.9	--	<0.89	<1.5	<0.32	74	<2.9
		15 - 15.5	1/22/2020	--	<2.0	<2.6	--	<2.4	<32	<3.4	<9.0	--	2.2 J	<36	<0.77	<1.8	--	<0.80	<60	<0.79	86	<10
	RISG-61	5 - 5.5	12/16/2019	--	1.0 J	<1.0	--	1.4 J	<1.6	0.73 J	0.36 UJ	--	<0.66	<4.2	0.58	0.42 J	--	0.28 J	<0.20	<0.045	2.8	0.55 J
			12/16/2019 (FD)	--	0.74 J	<1.0	--	1.7 J	<1.6	0.75 J	0.35 UJ	--	<0.65	<4.1	0.30 J	0.37 J	--	0.13 J	<0.20	<0.044	2.6	0.44 J
	RISG-62	5 - 5.5	12/31/2019	--	6.9 J	<1.7	--	3.7 J	<2.8	1.4 J	1.7 J	--	<1.1	<7.0	0.44 J	0.89 J+	--	4.8	<0.34	<0.075	23	4.2 J
		15 - 15.5	12/13/2019	--	1.8 J	<4.3	--	1.8 J	<6.8	<1.9	1.5 UJ	--	<2.7	<17	<0.27	<1.0	--	<0.50	<0.82	<0.18	100	<1.6
	RISG-63	5 - 5.5	12/12/2019	--	<1.0	<1.4	--	<1.2	<16	<1.8	<4.6	--	<0.90	<18	<0.40	<0.90	--	<0.41	<31	<0.41	200	<5.2
		15 - 15.5	12/12/2019	--	2.2 UJ	<8.4	--	<3.1	<13	<3.6	2.8 UJ	--	<5.3	<34	<0.52	<2.1	--	<0.98	<1.6	<0.36	450	<3.2
	RISG-64	5 - 5.5	12/12/2019	--	<0.39	<0.52	--	<0.48	<6.2	<0.68	<1.8	--	0.40 J	<7.0	0.18 J	<0.34	--	0.25 J	<12	<0.16	35	<2.0
		15 - 15.5	12/11/2019	--	<0.65	<0.86	--	<0.79	<10	<1.1	<3.0	--	<0.57	<12	<0.25	<0.57	--	<0.26	<20	<0.26	68	3.6 J
	RISG-65	5 - 5.5	12/12/2019	--	<0.21	0.62 J	--	<0.26	<3.4	0.38 J	<0.97	--	0.75 J	<3.8	0.16 J	<0.19	--	0.36 J	<6.4	<0.085	5.4	<1.1
			12/12/2019	--	<0.67	<0.88	--	<0.81	<10	1.4 J	<3.0	--	1.1 J	<12	0.28 J	<0.59	--	1.0 J	<20	<0.26	19	<3.4
			12/12/2019 (FD)	--	<0.61	<0.81	--	<0.75	<9.8	<1.1	<2.8	--	0.83 J	<11	<0.24	<0.54	--	0.77 J	<18	<0.24	17	<3.1
	RISG-66	5 - 5.5	12/11/2019	--	<0.18	0.56 J	--	<0.22	<2.9	<0.31	<0.82	--	0.42 J	<3.2	0.15 J	<0.16	--	0.28 J	<5.4	<0.072	110	<0.92
		15 - 15.5	12/11/2019	--	<0.30	0.61 J	--	<0.37	<4.8	2.0 J	<1.4	--	1.3 J	<5.5	0.33 J	<0.27	--	0.82 J	<9.2	<0.12	210	2.4 J
	RISG-67	5 - 5.5	12/10/2019	--	<0.38	0.61 J	--	<0.47	<6.1	<0.67	<1.7	--	<0.34	<6.9	<0.15	<0.34	--	<0.15	<12	<0.15	14	<2.0
		15 - 15.5	12/11/2019	--	1.0 J	<1.2	--	<1.1	<15	<1.6	<4.2	--	<0.82	<17	<0.36	<0.83	--	0.68 J	<28	<0.37	26	6.3 J
RISG-68	5 - 5.5	12/10/2019	--	<2.3	<6.7	--	<2.4	<9.7	<2.4	<7.2	--	<5.6	<75	<0.96	<2.8	--	<2.2	<50	<5.5	110	<2.9	

Table K-2. OU-2 Soil Gas Analytical Results Summary
 VOCs (µg/m³)
 Nevada Environmental Response Trust Site

Investigation	Location	Sample Depth (ft bgs)	Date	VOCs (µg/m³)																		
				Ethyl tert-butyl ether	4-Ethyltoluene	Freon 113	Freon 114	n-Heptane	Hexachlorobutadiene	n-Hexane	2-Hexanone	Methyl tert-butyl ether	Methylene Chloride	Methylmethacrylate	Naphthalene	4-Methyl-2-pentanone	Propylene	Styrene	1,1,1,2-Tetrachloroethane	1,1,2,2-Tetrachloroethane	Tetrachloroethene	Tetrahydrofuran
Phase 3 RI	RISG-68	15 - 15.5	12/10/2019	--	<4.9	<14	--	<5.0	<20	<5.1	<15	--	<12	<160	<2.0	<6.0	--	<4.6	<100	<12	200	<6.1
			12/10/2019 (FD)	--	<4.9	<14	--	<5.0	<20	<5.1	<15	--	<12	<160	<2.0	<6.0	--	<4.6	<100	<12	220	<6.1
	RISG-69	5 - 5.5	12/09/2019	--	<0.50	<0.67	--	<0.62	<8.0	<0.88	<2.3	--	1.3 J	<9.0	0.56 J	<0.44	--	<0.20	<15	<0.20	25	<2.6
		15 - 15.5	12/09/2019	--	<1.1	<1.4	--	<1.3	<17	<1.8	<4.8	--	5.4 J	<19	<0.41	<0.94	--	<0.43	<32	<0.42	33	<5.4
	RISG-70	5 - 5.5	12/10/2019	--	<2.0	<5.9	--	<2.1	<8.5	<2.1	<6.3	--	<4.9	<65	<0.84	<2.5	--	<1.9	<44	<4.8	470	<2.5
		15 - 15.5	12/10/2019	--	<5.5	<16	--	<5.6	<23	<5.7	<17	--	<13	<180	<2.2	<6.6	--	<5.1	<120	<13	1,800	<6.8
	RISG-71	5 - 5.5	12/11/2019	--	<2.3	<6.7	--	<2.4	<9.7	<2.4	<7.2	--	<5.6	<75	<0.96	<2.8	--	<2.2	<50	<5.5	180	<2.9
			12/11/2019 (FD)	--	<2.3	<6.6	--	<2.3	<9.5	<2.4	<7.0	--	<5.4	<73	<0.94	<2.8	--	<2.1	<49	<5.4	200	<2.8
		15 - 15.5	12/11/2019	--	<3.6	<10	--	<3.7	<15	<3.8	<11	--	<8.7	<120	<1.5	<4.4	--	<3.4	<78	<8.6	200	<4.5
	RISG-72	5 - 5.5	12/04/2019	--	<0.49	<0.64	--	<0.59	<7.7	<0.84	<2.2	--	<0.43	<8.7	<0.19	<0.43	--	<0.20	<14	<0.19	250	<2.5
		15 - 15.5	12/04/2019	--	<0.97	<1.3	--	<1.2	<15	<1.7	<4.4	--	<0.85	<17	0.49 J	<0.85	--	<0.39	<29	<0.38	550	<5.0
	RISG-73	5 - 5.5	12/09/2019	--	<0.45	<0.59	--	<0.55	<7.1	<0.78	<2.0	--	<0.39	<8.0	<0.17	<0.40	--	<0.18	<13	<0.18	160	<2.3
		15 - 15.5	12/09/2019	--	<1.0	<1.4	--	<1.2	<16	<1.8	<4.6	--	2.1 J	<18	<0.40	<0.90	--	<0.41	<31	<0.41	280	<5.2
	RISG-74	5 - 5.5	12/03/2019	--	<2.0	<2.7	--	<2.5	<33	<3.6	<9.3	--	10 J	<37	<0.80	<1.8	--	2.1 J	<62	<0.82	130	<10
			12/03/2019 (FD)	--	<2.0	<2.6	--	<2.4	<31	<3.4	<9.0	--	12 J	<35	<0.77	<1.7	--	1.8 J	<59	<0.78	140	<10
		15 - 15.5	12/03/2019	--	<2.0	<2.6	--	<2.4	<31	<3.4	<9.0	--	16	<35	<0.77	<1.7	--	<0.79	<59	<0.78	260	<10
			12/03/2019 (FD)	--	<2.0	<2.6	--	<2.4	<31	<3.4	<8.9	--	15	<35	<0.76	<1.7	--	<0.79	<59	<0.78	260	<10
	RISG-75	5 - 5.5	12/03/2019	--	<0.64	<0.84	--	<0.78	<10	<1.1	<2.9	--	0.95 J	<11	<0.25	<0.56	--	<0.26	<19	<0.25	620	<3.3
		15 - 15.5	12/03/2019	--	<2.0	<2.6	--	<2.4	<31	<3.4	<8.9	--	<1.7	<35	<0.76	<1.7	--	<0.79	<59	<0.78	1,100	<10
	RISG-76	5 - 5.5	12/16/2019	--	1.4 UJ	<5.3	--	<2.0	<8.4	<2.3	1.8 UJ	--	<3.4	<21	<0.34	<1.3	--	<0.63	<1.0	<0.23	9.3	<2.0
15 - 15.5		1/22/2020	--	<5.6	<16	--	<5.8	<23	<5.9	<17	--	<13	<180	<2.3	<6.8	--	<5.2	<120	<13	65	<7.0	
RISG-77	4.5 - 5	11/22/2019	--	<3.6	<10	--	<3.7	<15	<3.7	<11	--	<8.6	<110	<1.5	<4.4	--	<3.3	<77	<8.4	570	<4.4	
	15 - 15.5	11/22/2019	--	<6.4	<18	--	<6.6	<27	<6.7	<20	--	<15	<200	<2.6	<7.8	--	<6.0	<140	<15	1,100	<8.0	
RISG-78	5 - 5.5	12/02/2019	--	0.53 J	0.54 J	--	<0.27	<3.5	<0.38	<1.0	--	0.35 J	<4.0	0.20 J	<0.20	--	<0.089	<6.6	<0.088	170	<1.1	
	15 - 15.5	12/02/2019	--	<0.53	<0.70	--	<0.64	<8.4	<0.91	<2.4	--	0.67 J	<9.4	0.22 J	<0.46	--	<0.21	<16	<0.21	380	<2.7	

Notes:
 (FD): field duplicate
 ft bgs: feet below ground surface
 µg/m³: micrograms per cubic meter
 '-': not analyzed
Bold value: detected result
 <: Not detected above laboratory report
 J: Estimated value
 J-: Estimated value, potential negative bias
 J+: Estimated value, potential positive bias
 UJ: The analyte was not detected, detection limit is an estimated quantity
 ND: Result reported as tentatively identified compound and not detected

Table K-2. OU-2 Soil Gas Analytical Results Summary
VOCs (µg/m³)
Nevada Environmental Response Trust Site

Investigation	Location	Sample Depth (ft bgs)	Date	VOCs (µg/m³)															
				Toluene	1,2,4-Trichlorobenzene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	Trichlorofluoro methane	1,2,3-Trichloropropane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl acetate	Vinyl chloride	m,p-Xylene	o-Xylene	Xylenes (total)	tert Butyl alcohol	
Phase 1 RI	RISG-1	5	3/09/2015	7.8	0.26 J	<0.35	<0.012	12	1.9 J	--	15	5.4	<0.61	<0.0075	--	--	31	<17	
		13	3/06/2015	190	0.82 J	<0.35	<0.012	3.5	5.2	--	240	81	<0.61	<0.0075	--	--	450	<17	
	RISG-2	5	3/19/2015	27	3.6 J	<0.35	<0.012	110	1.2 J	--	11	4.9	19	<0.0075	--	--	40	<17	
		15	3/19/2015	36	3.7 J	<0.35	0.2 J	160	1.6 J	--	20	8.4	<0.61	<0.0075	--	--	61	<17	
	RISG-3	5	3/06/2015	6.1	<0.17	<0.35	<0.012	25	1.7 J	--	1.6 J	<0.35	<0.61	<0.0075	--	--	32	<17	
		15	3/06/2015 (FD)	19	<0.17	<0.35	0.62 J	32	2.6 J	--	25	12	<0.61	<0.0075	--	--	55	<17	
			3/06/2015 (FD)	15	<0.17	<0.35	0.58 J	31	2.5 J	--	0.41 J	0.36 J	<0.61	<0.0075	--	--	9.6 J	<17	
Phase 2 RI	RISG-1	5	3/11/2019	5.3 J	<41	<4.6	<4.7	<7.3	<14	--	<10	<7.9	<6.6	<3.9	<5.6	<3.0	--	--	
		15	3/11/2019	11 J	<76	<8.3	<8.6	<13	<26	--	<19	<14	<12	<7.2	18 J	8.6 J	--	--	
	RISG-2	5	3/14/2019	5.4 J	<16	<1.8	<1.8	3.1 J	<5.5	--	4.7 J	<3.1	<2.6	<1.5	5.7 J	2.3 J	--	--	
		15	3/14/2019	<0.96	<16	<1.8	<1.8	<2.8	<5.5	--	<4.0	<3.1	<2.6	<1.5	<2.2	<1.2	--	--	
	RISG-3	5	3/15/2019	<1.9	<33	<3.6	<3.7	31	<11	--	<8.0	<6.2	<5.2	<3.1	<4.4	<2.4	--	--	
		15	3/15/2019	<2.4	<40	<4.4	<4.5	67	<14	--	<9.9	<7.6	<6.3	<3.8	32 J	14 J	--	--	
	RISG-4	5	3/11/2019	2.2 J	<16	<1.8	<1.8	<2.8	<5.5	--	<4.0	<3.1	<2.6	<1.5	2.6 J	1.3 J	--	--	
		15	3/11/2019	2.8 J	<16	<1.8	<1.8	<2.8	<5.5	--	<4.0	<3.1	<2.6	<1.5	<2.2	<1.2	--	--	
	RISG-5	5	3/13/2019	14	<16	<1.8	<1.8	9.7 J	<5.5	--	<4.0	<3.1	<2.6	<1.5	19	8.1 J	--	--	
			3/13/2019 (FD)	11	<16	<1.8	<1.8	11	<5.5	--	5.5 J	5.9 J	<2.6	<1.5	19	8.6	--	--	
		15	3/14/2019	1.7 J	<16	<1.8	<1.8	21	<5.5	--	<4.0	<3.1	<2.6	<1.5	3.1 J	1.4 J	--	--	
	RISG-6	5	3/22/2019	15 J	<190	<21	<22	<34	<66	--	<47	<37	<30	<18	<26	<14	--	--	
		15	3/22/2019 (FD)	<14	<240	<26	<27	44 J	<80	--	<58	<45	<37	<22	<32	<17	--	--	
				3/22/2019 (FD)	<15	<240	<27	<28	52 J	<83	--	<60	<46	<39	<23	<33	<18	--	--
	RISG-7	5	3/14/2019	8.6	<16	<1.8	<1.8	3.5 J	<5.5	--	5.6 J	<3.1	<2.6	<1.5	33	18	--	--	
		10	3/14/2019	5.1 J	<16	<1.8	<1.8	6.3 J	<5.5	--	4.0 J	<3.1	<2.6	<1.5	28	11	--	--	
	RISG-8	5	3/21/2019	8.3	<16	<1.8	<1.8	<2.8	<5.5	--	<4.0	<3.1	<2.6	1.6 J	3.3 J	<1.2	--	--	
	RISG-9	5	3/14/2019	2.4 J	<16	<1.8	<1.8	9.3 J	<5.5	--	<4.0	<3.1	<2.6	<1.5	3.8 J	1.8 J	--	--	
			3/14/2019 (FD)	1.8 J	<16	<1.8	<1.8	9.7 J	<5.5	--	<4.0	<3.1	<2.6	<1.5	2.2 J	<1.2	--	--	
	RISG-27	5	3/15/2019	4.9 J	<16	<1.8	<1.8	<2.8	<5.5	--	<4.0	<3.1	<2.6	<1.5	6.1 J	2.6 J	--	--	
		15	3/15/2019	3.3 J	<16	<1.8	<1.8	<2.8	<5.5	--	<4.0	<3.1	<2.6	<1.5	13 J	5.1 J	--	--	
	RISG-28	5	3/08/2019	3.4 J	<16	<1.8	<1.8	<2.8	<5.5	--	<4.0	<3.1	<2.6	<1.5	6.4 J	2.9 J	--	--	
		15	3/08/2019	2.6 J	<16	<1.8	<1.8	<2.8	<5.5	--	<4.0	<3.1	<2.6	<1.5	2.9 J	1.4 J	--	--	
	RISG-29	5	3/11/2019	3.3 J	<16	<1.8	<1.8	3.1 J	<5.5	--	6.8 J	4.8 J	<2.6	<1.5	150	75	--	--	
15		3/11/2019	2.9 J	<16	<1.8	<1.8	7.7 J	<5.5	--	4.4 J	<3.1	<2.6	<1.5	16 J	6.7 J	--	--		
RISG-30	5	3/15/2019	6.7 J	<16	<1.8	<1.8	160	<5.5	--	<4.0	<3.1	<2.6	<1.5	5.2 J	2.2 J	--	--		
	10	3/15/2019	2.3 J	<37	<4.1	<4.2	130	<13	--	<9.2	<7.1	<5.9	<3.5	<5.0	<2.7	--	--		
Phase 3 RI	RISG-1	5 - 5.5	11/11/2019	<1.1	<2.6	--	<1.5	4.8 J	<2.4	<1.6	<2.1	<1.6	<5.9	<1.1	<1.3	<0.85	--	--	
		15 - 15.5	11/11/2019	<2.5	<6.2	--	<3.5	18 J	<5.6	<3.7	<4.8	<3.8	<14	<2.6	<3.1	<2.0	--	--	
	RISG-2	5 - 5.5	11/12/2019	<1.0	25 UJ	--	<0.61	2.6	<2.1	<55	<2.0	<1.8	<15	<0.36	<1.9	<0.36	--	--	
			11/12/2019 (FD)	<0.98	23 UJ	--	<0.57	2.5	<2.0	<52	<1.8	<1.7	<14	<0.33	<1.7	<0.33	--	--	
	15 - 15.5	11/12/2019	<1.1	25 UJ	--	<0.62	3.5	<2.2	<56	<2.0	<1.8	<16	<0.37	<1.9	<0.36	--	--		
		11/12/2019 (FD)	<1.1	23 UJ	--	<0.56	26	<1.9	<51	<1.8	<1.6	<14	<0.33	<1.7	<0.33	--	--		
	RISG-3	5 - 5.5	11/13/2019	<0.96	23 UJ	--	<0.59	73	<2.1	<54	<1.9	<1.8	<15	<0.35	<1.8	<0.35	--	--	
		15 - 15.5	11/13/2019	<1.0	24 UJ	--	<0.59	73	<2.1	<54	<1.9	<1.8	<15	<0.35	<1.8	<0.35	--	--	
	RISG-4	5 - 5.5	11/12/2019	0.62 J	6.0 UJ	--	<0.15	1.2	1.1 J	<14	<0.48	<0.44	<3.7	<0.088	<0.46	0.18 J	--	--	
		15 - 15.5	11/12/2019	0.63 J	<6.3	--	<0.082	2.0	1.2 J	<26	<0.31	<0.43	<3.0	<0.032	0.36 J	0.18 J	--	--	
	RISG-5	5 - 5.5	11/12/2019	1.7	12 UJ	--	<0.30	23	1.1 J	<27	<0.96	<0.88	<7.5	<0.18	0.92 J	0.35 J	--	--	
			11/12/2019 (FD)	<0.53	13 UJ	--	<0.31	25	1.2 J	<28	<1.0	<0.92	<7.8	<0.18	<0.95	0.20 J	--	--	
	15 - 15.5	11/12/2019	1.8	4.9 UJ	--	<0.12	8.0	1.1 J	<11	1.1 J	<0.36	<3.0	<0.072	0.84	0.41	--	--		
		11/12/2019 (FD)	<3.6	<9.1	--	<5.2	35 J	<8.2	<5.4	<7.1	<5.6	<20	<3.8	<4.6	<2.9	--	--		
RISG-6	5 - 5.5	11/13/2019	<3.5	<8.7	--	<5.0	37 J	<7.9	<5.2	<6.8	<5.4	<19	<3.7	<4.4	<2.8	--	--		
		11/13/2019 (FD)	<7.0	<17	--	<9.9	76 J	<16	<10	<14	<11	<38	<7.3	<8.8	<5.6	--	--		
RISG-7	5 - 5.5	11/11/2019	0.58	2.3 UJ	--	<0.057	3.6	1.1	<5.2	<0.18	<0.17	<1.4	<0.033	0.34	0.16	--	--		

Table K-2. OU-2 Soil Gas Analytical Results Summary
 VOCs (µg/m³)
 Nevada Environmental Response Trust Site

Investigation	Location	Sample Depth (ft bgs)	Date	VOCs (µg/m³)														
				Toluene	1,2,4-Trichlorobenzene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	Trichlorofluoro methane	1,2,3-Trichloropropane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl acetate	Vinyl chloride	m,p-Xylene	o-Xylene	Xylenes (total)	tert Butyl alcohol
Phase 3 RI	RISG-7	10 - 10.5	11/11/2019	0.61	2.9 UJ	--	<0.072	12	1.7	<6.5	0.56 J	<0.21	<1.8	<0.042	0.51	0.24	--	--
	RISG-8	5 - 5.5	11/12/2019	0.51	2.4 UJ	--	<0.059	1.7	1.3	<5.4	<0.19	<0.18	<1.5	<0.035	<0.18	<0.035	--	--
	RISG-9	5 - 5.5	11/12/2019	0.87 J	2.3 UJ	--	<0.057	7.4	1.3	<5.2	<0.18	<0.17	<1.4	<0.033	0.43	0.18	--	--
			11/12/2019 (FD)	0.48 J	2.3 UJ	--	0.072 J	7.7	1.2	<5.2	<0.18	<0.17	<1.4	<0.033	0.35	0.14 J	--	--
	RISG-27	5 - 5.5	11/15/2019	4.3	13 UJ	--	<0.32	0.96 J	1.5 J	<30	2.7 J	<0.96	<8.2	<0.19	1.8	0.83 J	--	--
		15 - 15.5	11/15/2019	1.3 J	23 UJ	--	<0.56	2.6	<1.9	<51	<1.8	<1.6	<14	<0.33	<1.7	<0.33	--	--
	RISG-28	5 - 5.5	11/13/2019	1.0 J	2.5 UJ	--	<0.061	1.4	2.2	<5.5	0.78 J	0.19 J	<1.5	<0.036	1.1	0.42	--	--
			11/13/2019 (FD)	0.57 J	2.4 UJ	--	<0.058	1.4	2.1	<5.3	0.56 J	<0.17	<1.4	<0.034	0.66	0.28	--	--
			15 - 15.5	11/13/2019	0.90	2.5 UJ	--	<0.062	3.3	3.2	<5.6	1.2	0.30 J	<1.6	<0.037	1.1	0.46	--
	RISG-29	5 - 5.5	11/08/2019	0.70 J	4.0 UJ	--	<0.12	2.2	1.2 J	<18	<0.87	<0.76	<0.99	<0.040	0.79 J	0.32 J	--	--
		15 - 15.5	11/08/2019	0.68 J	10 UJ	--	<0.32	6.6	<1.6	<48	<2.3	<2.0	<2.6	<0.10	0.83 J	0.32 J	--	--
	RISG-30	5 - 5.5	11/13/2019	2.2	5.9 UJ	--	<0.14	240	1.2 J	<13	5.3	1.5 J	<3.6	0.22	2.7	1.1	--	--
			11/13/2019 (FD)	1.4	6.0 UJ	--	<0.15	240	1.3 J	<14	4.9	1.2 J	<3.7	0.21	1.9	0.81	--	--
		10 - 10.5	11/13/2019	0.72 J	2.7 UJ	--	<0.066	120	1.2	<6.1	0.63 J	<0.20	<1.7	0.049 J	0.57	0.21	--	--
			11/13/2019 (FD)	0.40 J	2.6 UJ	--	<0.065	120	1.3	<5.9	0.34 J	<0.19	<1.6	0.046 J	0.39	0.17	--	--
	RISG-52	5 - 5.5	12/11/2019	8.0	2.3 UJ	--	<0.057	0.17 J	2.4	<5.2	0.34 J	<0.17	<1.4	<0.033	2.6	0.86	--	--
		15 - 15.5	12/11/2019	2.4 J	21 UJ	--	<0.52	6.6	15	<47	<1.7	<1.5	<13	<0.30	<1.6	0.37 J	--	--
	RISG-53	5 - 5.5	12/11/2019	1.4	2.2 UJ	--	<0.053	<0.12	1.4	<4.8	0.35 J	<0.16	<1.3	<0.032	0.87	0.39	--	--
		15 - 15.5	12/11/2019	3.6	5.7 UJ	--	<0.14	<0.30	1.4 J	<13	<0.45	<0.41	<3.5	<0.082	0.78	0.27 J	--	--
	RISG-54	5 - 5.5	12/10/2019	4.7	25 UJ	--	<0.62	19	<2.2	<56	<2.0	<1.8	<16	<0.37	<1.9	0.40 J	--	--
		15 - 15.5	12/10/2019	<5.0	<24	--	<10	36	<7.5	<100	<7.0	<9.0	<16	<4.3	<4.7	<5.8	--	--
	RISG-55	5 - 5.5	12/10/2019	6.2	21 UJ	--	<0.53	6.3	<1.8	<48	<1.7	<1.6	<13	<0.31	<1.6	0.35 J	--	--
		15 - 15.5	12/10/2019	4.8 J	<16	--	<6.8	12 J	<5.1	<68	<4.7	<6.1	<11	<2.9	<3.2	<3.9	--	--
	RISG-56	5 - 5.5	12/10/2019	<4.0	<19	--	<8.1	31	15 J	<81	<5.6	<7.3	<13	<3.4	<3.8	<4.7	--	--
		15 - 15.5	12/11/2019	3.7 J	<10	--	<4.3	16	13	<43	<3.0	<3.9	<6.8	<1.8	2.4 J	<2.5	--	--
	RISG-57	5 - 5.5	12/12/2019	9.2	25 UJ	--	<0.61	2.8	5.6 J	<55	<2.0	<1.8	<15	<0.36	2.5 J	0.92 J	--	--
		15 - 15.5	12/12/2019	<2.9	<14	--	<5.8	7.3 J	5.5 J	<58	<4.0	<5.2	<9.1	<2.4	2.8 J	<3.3	--	--
	RISG-58	5 - 5.5	12/12/2019	16	22 UJ	--	<0.55	3.5	2.6 J	<50	2.9 J	<1.6	<14	<0.32	2.5 J	1.0 J	--	--
		15 - 15.5	12/12/2019	<1.6	<1.5	--	<2.0	6.6 J	1.7 J	<1.4	<1.2	<1.6	<2.8	<0.82	<1.7	<0.95	--	--
	RISG-59	5 - 5.5	12/13/2019	7.1	<12	--	<0.38	30	<1.8	<56	<2.7	<2.3	<3.0	<0.12	2.2 J	0.93 J	--	--
		15 - 15.5	1/22/2020	<3.6	<17	--	<7.2	60	<5.4	<72	<5.0	<6.5	<11	<3.0	<3.4	<4.2	--	--
	RISG-60	5 - 5.5	12/13/2019	8.0	<9.9	--	<0.30	3.4	1.5 J	<45	3.6 J	<1.8	<2.4	<0.098	8.9	3.5	--	--
		15 - 15.5	1/22/2020	6.6	<23	--	<0.58	5.6	<2.0	<52	<1.9	<1.7	<14	<0.34	<1.8	0.40 J	--	--
	RISG-61	5 - 5.5	12/16/2019	3.2	<1.4	--	<0.042	0.11 J	1.3	<6.2	1.6	0.40 J	<0.33	<0.014	1.5	0.68	--	--
			12/16/2019 (FD)	2.7	<1.3	--	<0.041	0.10 J	1.3	<6.1	0.89 J	<0.25	<0.32	<0.013	0.95	0.38	--	--
	RISG-62	5 - 5.5	12/31/2019	220	<2.3	--	<0.070	0.20 J	1.3 J	<10	5.5	2.4	<0.55	<0.022	18	5.9	--	--
		15 - 15.5	12/13/2019	10	<5.6	--	<0.17	2.8	1.2 J	<25	<1.2	<1.0	<1.4	<0.055	7.4	2.4	--	--
	RISG-63	5 - 5.5	12/13/2019	15	<12	--	<0.36	7.0	<1.7	<53	4.7 J	<2.2	<2.8	<0.12	16	5.8	--	--
		15 - 15.5	12/13/2019	1.4 J	12 UJ	--	<0.30	24	1.4 J	<27	1.3 J	<0.88	<7.5	<0.18	1.3 J	0.52 J	--	--
	RISG-64	5 - 5.5	12/12/2019	1.2 J	<11	--	<0.33	57	<1.6	<49	<2.3	<2.0	<2.6	<0.11	1.4 J	0.68 J	--	--
15 - 15.5		12/12/2019	6.9	4.6 UJ	--	<0.11	0.26 J	3.0	<10	0.61 J	<0.34	<2.8	<0.067	1.5	0.62	--	--	
RISG-65	5 - 5.5	12/12/2019	2.6	7.7 UJ	--	<0.19	0.63	3.4	<17	0.66 J	<0.56	<4.8	<0.11	0.84 J	0.36 J	--	--	
		12/12/2019	3.9	2.5 UJ	--	<0.062	0.65	1.4	<5.6	0.91 J	0.31 J	<1.6	<0.037	2.2	0.85	--	--	
		15 - 15.5	26	7.9 UJ	--	<0.19	2.2	1.2 J	<18	4.3 J	1.8 J	<4.9	<0.11	28	8.6	--	--	
RISG-66	5 - 5.5	12/12/2019 (FD)	22	7.2 UJ	--	<0.18	2.2	1.1 J	<16	8.5 J	3.2	<4.5	<0.10	32	11	--	--	
		12/11/2019	1.7	2.1 UJ	--	<0.052	1.2	5.0	<4.8	0.67 J	0.17 J	<1.3	<0.031	0.78	0.43	--	--	
RISG-67	15 - 15.5	12/11/2019	18	3.6 UJ	--	<0.088	5.3	4.2	<8.0	2.1	0.72 J	<2.2	<0.052	4.8	1.9	--	--	
	5 - 5.5	12/10/2019	4.4	<4.5	--	<0.11	2.4	1.8 J	<10	<0.36	<0.33	<2.8	<0.066	1.0	0.36	--	--	
RISG-68	15 - 15.5	12/11/2019	17	11 UJ	--	<0.27	6.1	1.6 J	<25	1.2 J	<0.81	<6.8	<0.16	6.2	2.3	--	--	
		5 - 5.5	12/10/2019	4.8 J	<10	--	<4.4	9.1 J	<3.3	<44	<3.0	<3.9	<6.9	<1.9	<2.1	<2.5	--	--

Table K-2. OU-2 Soil Gas Analytical Results Summary
 VOCs (µg/m³)
 Nevada Environmental Response Trust Site

Investigation	Location	Sample Depth (ft bgs)	Date	VOCs (µg/m³)														
				Toluene	1,2,4-Trichlorobenzene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	Trichlorofluoro methane	1,2,3-Trichloropropane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl acetate	Vinyl chloride	m,p-Xylene	o-Xylene	Xylenes (total)	tert Butyl alcohol
Phase 3 RI	RISG-68	15 - 15.5	12/10/2019	<4.6	<22	--	<9.2	17 J	<6.9	<92	<6.4	<8.3	<14	<3.9	<4.3	<5.3	--	--
			12/10/2019 (FD)	<4.6	<22	--	<9.2	20 J	<6.9	<92	<6.4	<8.3	<14	<3.9	<4.3	<5.3	--	--
	RISG-69	5 - 5.5	12/09/2019	4.7	6.0 UJ	--	<0.15	<0.32	1.4 J	<13	1.7 J	<0.43	<3.7	<0.086	2.8	1.5	--	--
		15 - 15.5	12/09/2019	<0.53	12 UJ	--	<0.31	<0.68	1.2 J	<28	<1.0	<0.91	<7.8	<0.18	<0.95	0.28 J	--	--
	RISG-70	5 - 5.5	12/10/2019	3.1 J	<9.0	--	<3.8	5.2 J	<2.9	<38	<2.7	<3.4	<6.1	<1.6	<1.8	<2.2	--	--
		15 - 15.5	12/10/2019	<5.2	<24	--	<10	17 J	<7.7	<100	<7.1	<9.2	<16	<4.4	<4.8	<5.9	--	--
	RISG-71	5 - 5.5	12/11/2019	<2.2	<10	--	<4.4	5.4 J	<3.3	<44	<3.0	<3.9	<6.9	<1.9	2.2 J	<2.5	--	--
			12/11/2019 (FD)	<2.2	<10	--	<4.3	5.0 J	<3.2	<43	<3.0	<3.9	<6.8	<1.8	<2.0	<2.5	--	--
		15 - 15.5	12/11/2019	<3.4	<16	--	<6.8	7.6 J	<5.1	<69	<4.8	<6.2	<11	<2.9	<3.2	<4.0	--	--
	RISG-72	5 - 5.5	12/04/2019	1.5	5.7 UJ	--	<0.14	20	1.6 J	<13	<0.46	<0.42	<3.5	<0.083	0.74	0.46	--	--
		15 - 15.5	12/04/2019	0.58 J	11 UJ	--	<0.28	42	1.8 J	<25	<0.90	<0.83	<7.0	<0.16	<0.86	0.21 J	--	--
	RISG-73	5 - 5.5	12/09/2019	0.76	5.3 UJ	--	<0.13	0.71	1.2 J	<12	0.45 J	<0.38	<3.3	<0.077	0.86	0.47	--	--
		15 - 15.5	12/09/2019	9.5	12 UJ	--	<0.30	1.5	1.3 J	<27	<0.96	<0.88	<7.5	<0.18	2.7	1.3	--	--
	RISG-74	5 - 5.5	12/03/2019	3.9	24 UJ	--	<0.60	3.4	<2.1	<54	<1.9	<1.8	<15	<0.35	<1.8	0.65 J	--	--
			12/03/2019 (FD)	3.9	23 UJ	--	<0.57	3.6	<2.0	<52	<1.8	<1.7	<14	<0.34	<1.8	0.57 J	--	--
		15 - 15.5	12/03/2019	1.8 J	23 UJ	--	<0.57	7.4	<2.0	<52	<1.8	<1.7	<14	<0.34	<1.8	<0.34	--	--
			12/03/2019 (FD)	1.6 J	23 UJ	--	<0.57	7.4	<2.0	<52	<1.8	<1.7	<14	<0.34	<1.8	0.37 J	--	--
	RISG-75	5 - 5.5	12/03/2019	13	7.5 UJ	--	<0.18	40	1.2 J	<17	1.1 J	<0.55	<4.6	<0.11	4.6	2.2	--	--
		15 - 15.5	12/03/2019	5.4	23 UJ	--	<0.57	69	<2.0	<52	1.9 J	<1.7	<14	<0.34	6.5	3.1	--	--
	RISG-76	5 - 5.5	12/16/2019	5.5	<7.0	--	<0.21	0.94 J	1.7 J	<32	<1.5	<1.3	<1.7	<0.069	2.0	0.68 J	--	--
		15 - 15.5	1/22/2020	<5.3	<25	--	<10	<8.5	<7.9	<110	<7.4	<9.5	<17	<4.5	<5.0	<6.1	--	--
	RISG-77	4.5 - 5	11/22/2019	62	<16	--	<6.7	37	<5.0	<68	8.8 J	<6.0	<11	<2.9	15	4.7 J	--	--
		15 - 15.5	11/22/2019	<6.0	<28	--	<12	57	<9.0	<120	<8.4	<11	<19	<5.1	<5.6	<6.9	--	--
	RISG-78	5 - 5.5	12/02/2019	7.2	2.6 UJ	--	<0.064	3.1	1.2	<5.8	3.5	<0.19	<1.6	<0.038	2.2	1.2	--	--
15 - 15.5		12/02/2019	1.3	6.2 UJ	--	<0.15	8.3	1.3 J	<14	0.83 J	<0.45	<3.8	<0.090	1.0	0.41	--	--	

Notes:
 (FD): field duplicate
 ft bgs: feet below ground surface
 µg/m³: micrograms per cubic meter
 '-': not analyzed
Bold value: detected result
 < : Not detected above laboratory report
 J : Estimated value
 J- : Estimated value, potential negative bias
 J+ : Estimated value, potential positive bias
 UJ : The analyte was not detected, detection limit is an estimated quantity
 ND : Result reported as tentatively identified compound and not detected