

APPENDIX H
OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION
TARGETS (2014–2018) (PROVIDED ELECTRONICALLY)

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
Phase 6 Groundwater Flow and Transport Model
Nevada Environmental Response Trust Site
Henderson, Nevada

Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
AA-01	830921.03	26720238.72	Qal	1716.02	4/14/2014	45.31
					5/8/2014	41.34
					12/8/2014	44.65
					4/6/2015	1.73
					5/27/2015	49.55
					6/2/2015	48.14
					5/13/2016	49.55
					4/11/2017	11.61
					5/8/2017	93.45
					1/9/2018	93.45
					3/26/2018	99.11
AA-07	837100.42	26729559.52	Qal	1570.12	4/3/2018	220.87
AA-08	827756.55	26733208.28	Qal	1558.02	4/24/2014	430.42
					5/27/2015	176.7
					4/26/2016	184.06
					5/9/2017	158.57
					5/1/2018	161.41
AA-09	831041.59	26723441.40	Qal	1646.76	4/9/2014	53.8
					12/18/2014	56.63
					4/2/2015	42.48
					6/9/2015	42.48
					4/11/2017	42.48
					1/10/2018	4.81
					4/5/2018	6.8
4/24/2018	116.1					
AA-10	825935.16	26730040.80	Qal	1587.54	4/24/2014	957.11
					5/11/2015	114.97
					4/26/2016	124.59
					5/9/2017	116.1
					5/3/2018	113.27
AA-13	833889.39	26722860.98	Qal/UMCf	1674.37	1/11/2018	1.27
AA-18	836690.87	26727656.38	Qal	1611.10	3/29/2018	1.39
AA-20	831811.79	26728007.77	Qal/UMCf	1605.98	4/9/2014	1.16
					12/15/2014	1.61
					4/2/2015	2.38
					6/9/2015	201.05
					4/19/2016	155.74
					4/6/2017	2.01
					4/24/2018	5.95
AA-21	826148.08	26734078.78	Qal	1559.13	4/24/2014	6.2
					5/11/2015	5.55

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AA-21	826148.08	26734078.78	Qal	1559.13	4/26/2016	6.23
					5/9/2017	6.51
					4/30/2018	6.23
AA-22	833427.04	26731587.32	Qal	1558.85	4/20/2016	124.59
AA-23R	833898.96	26732042.31	Qal	1512.54	4/18/2016	0.01
AA-26	840176.49	26733349.15	Qal	1521.56	4/10/2018	0.01
AA-27	832471.34	26719301.66	Qal	1715.53	4/14/2014	0.01
					12/9/2014	0
					4/6/2015	0.07
					5/27/2015	0.07
						0.02
					4/11/2017	2.83
					1/10/2018	2.12
					3/27/2018	1.95
					4/24/2018	1.93
AA-30	836125.80	26733691.92	Qal	1507.44	4/22/2016	1.47
AA-BW-03A	825973.66	26720593.46	Qal	1696.48	6/19/2014	6.51
					4/28/2015	6.51
					4/12/2016	7.08
					4/11/2017	2.21
					4/13/2018	9.06
AA-BW-09A	825703.31	26719455.90	Qal	1718.59	6/25/2014	0.08
					4/14/2017	0.18
AA-MW-05	824351.37	26715530.83	xMCf	1798.00	6/19/2014	15.29
					4/23/2015	15.57
					4/12/2016	15.53
					4/12/2017	12.46
					4/11/2018	13.03
AA-MW-13R	825265.78	26717045.47	Qal	1763.19	6/25/2014	11.89
					5/5/2015	1.64
					4/18/2016	1.66
					4/18/2017	1.91
					4/19/2018	2.36
AA-MW-25	825508.33	26717917.91	Qal	1747.60	6/24/2014	2.46
					4/18/2017	2.29
AA-UW1	831427.20	26719624.99	UMCf	1711.72	4/14/2014	2.46
					12/8/2014	2.08
					4/6/2015	1.78
					5/27/2015	1.63
					4/11/2017	0.88
					1/9/2018	1.48
					3/27/2018	1.54
					4/20/2018	1.29

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Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
AA-UW2	832819.54	26718117.11	Qal/UMCf	1752.63	12/9/2014	9.34
					5/25/2015	7.65
					1/8/2018	7.93
					3/27/2018	7.65
AA-UW3	835097.86	26718183.94	Qal/UMCf	1739.07	12/9/2014	6.51
					5/25/2015	2038.81
AA-UW4	836517.02	26720029.40	UMCf	1751.79	12/10/2014	1755.64
					5/25/2015	1783.96
					1/8/2018	1699.01
					3/27/2018	1557.42
AA-UW5	837992.01	26722899.01	Qal/UMCf	1718.05	12/10/2014	53.8
					5/29/2015	39.64
					1/24/2018	31.15
					3/27/2018	26.62
AA-UW6	839440.23	26725565.41	UMCf	1690.01	12/10/2014	21.24
					1/9/2015	25.77
					5/29/2015	84.95
AAX-15	823068.13	26728783.00	Qal/xMCf/UMCf	1621.80	4/17/2014	99.11
					4/21/2015	169.9
					4/12/2016	50.97
					4/18/2017	1755.64
					4/23/2018	849.5
ACX-16	823946.00	26724229.00	Qal/xMCf/UMCf	1659.10	5/1/2014	792.87
					4/27/2015	2435.24
					5/11/2016	1245.94
					4/18/2017	283.17
					4/18/2018	1076.04
ACY-15	821545.80	26723985.40	Qal/xMCf/UMCf	1679.70	4/17/2014	481.39
					5/27/2015	481.39
					4/13/2016	192.55
					4/18/2017	0.02
					4/18/2018	0.25
ADX-112	821160.00	26717441.30	UMCf	1683.00	4/22/2014	3.96
					4/29/2015	0.02
					4/18/2016	0.01
					6/4/2017	3114.85
					5/6/2018	5097.02
ADX-135	821150.50	26717438.90	UMCf	1665.15	5/18/2014	2831.68
					4/29/2015	3114.85
					4/18/2016	2944.95
					4/30/2017	368.12
					5/6/2018	396.44
ADX-156	821137.00	26717435.40	UMCf	1637.10	4/22/2014	453.07

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ADX-156	821137.00	26717435.40	UMCf	1637.10	4/29/2015	538.02
					4/18/2016	481.39
					4/30/2017	0.06
					5/6/2018	0.28
ADY-36	821333.30	26719305.80	UMCf	1720.20	4/17/2014	0.28
					4/28/2015	0.48
					4/14/2016	0.79
					4/24/2017	3114.85
					4/9/2018	2661.78
ADY-70	821323.00	26719305.80	UMCf	1691.20	4/17/2014	3114.85
					4/28/2015	2831.68
					4/14/2016	3114.85
					4/24/2017	453.07
					4/9/2018	39.64
ADY-166	821312.90	26719304.60	UMCf	1593.20	4/17/2014	50.97
					4/28/2015	192.55
					4/14/2016	339.8
					4/24/2017	3681.18
					4/9/2018	2520.2
ADYX-38	821103.55	26719268.39	xMCf/UMCf	1720.35	4/16/2014	1415.84
					4/29/2015	2406.93
					4/14/2016	2010.49
					4/24/2017	2.78
					4/9/2018	1.64
ADYX-165	821116.31	26719273.57	UMCf	1588.14	4/16/2014	4.53
					4/29/2015	2.83
					4/14/2016	6.23
					4/24/2017	0.11
					4/9/2018	0.17
AEX-35	821720.40	26718438.60	xMCf/UMCf	1737.70	4/17/2014	0.93
					4/30/2015	7.36
					4/14/2016	19.26
					4/30/2017	339.8
					5/8/2018	271.84
AEX-166	821722.10	26718430.50	UMCf	1607.30	4/17/2014	283.17
					5/19/2015	328.47
					4/14/2016	311.48
					4/30/2017	0.02
					5/8/2018	0.17
AFX-30	821985.53	26717595.85	Qal/xMCf/UMCf	1761.21	4/16/2014	0.02
					4/29/2015	0.01
					4/20/2016	0.27
					4/30/2017	0.02

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AFX-30	821985.53	26717595.85	Qal/xMCf/UMCf	1761.21	4/8/2018	0.02
AFX-75	821964.11	26717675.40	UMCf	1714.66	4/16/2014	0.02
					5/7/2015	0.02
					4/20/2016	0.02
					4/30/2017	0.02
					4/8/2018	0.02
AFX-148	821978.73	26717620.32	UMCf	1637.81	4/16/2014	0.02
					4/29/2015	0.06
					4/20/2016	0.01
					4/30/2017	0.02
					4/8/2018	0.02
AFX-195	821975.43	26717633.77	UMCf	1598.05	4/16/2014	0.51
					5/7/2015	0.02
					4/20/2016	0.06
					4/30/2017	0.23
					4/8/2018	6.8
AGX-50	822804.54	26719989.41	UMCf	1690.67	4/24/2014	5.95
					5/12/2015	3.4
					5/3/2016	3.96
					5/10/2017	0.02
					4/19/2018	0.06
AGX-90	822797.57	26719982.76	UMCf	1650.64	4/24/2014	0.01
					6/19/2014	0.01
					4/23/2015	0.02
					5/12/2015	0.02
					4/13/2016	0.02
					5/3/2016	0.02
					4/11/2017	0.02
					5/10/2017	0.02
					4/11/2018	0.02
4/19/2018	0.02					
AGX-160	822789.96	26719976.87	UMCf	1580.83	4/24/2014	0.02
					5/12/2015	0.11
					5/3/2016	0.01
					5/10/2017	2406.93
					4/19/2018	1953.86
AGX-190	822782.76	26719970.06	UMCf	1551.08	4/24/2014	1614.06
					5/12/2015	2095.44
					5/3/2016	1925.54
					5/10/2017	18.41
					4/19/2018	21.52
AGX-230	822775.48	26719963.47	UMCf	1511.37	4/24/2014	42.48
					5/12/2015	16.14

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AGX-230	822775.48	26719963.47	UMCf	1511.37	5/3/2016	14.72
					5/10/2017	101.94
					4/19/2018	1.61
AK-25	821872.05	26721155.18	Qal/xMCf	1702.22	4/14/2014	2.41
					5/11/2015	8.5
					4/18/2016	8.5
					4/24/2017	1160.99
					4/19/2018	1500.79
AK-86	821868.13	26721163.69	UMCf	1641.04	4/14/2014	1529.11
					5/11/2015	1699.01
					4/18/2016	1557.42
					4/24/2017	0.68
					4/19/2018	0.02
AK-145	821864.56	26721172.30	UMCf	1581.90	4/14/2014	0.02
					5/11/2015	0.14
					4/18/2016	0.04
					4/24/2017	1245.94
					4/19/2018	1245.94
AK-204	821851.29	26721204.59	UMCf	1522.27	4/14/2014	1330.89
					5/11/2015	1302.57
					4/18/2016	1189.31
					4/24/2017	0.51
					4/19/2018	0.45
AMEW-1	819837.30	26717122.74	UMCf	1641.08	4/28/2014	4.53
					4/30/2015	0.11
					5/2/2016	0.09
					4/16/2017	0.14
					5/8/2018	0.04
AMEW-2	820225.11	26718552.78	UMCf	1607.14	4/28/2014	0.03
					4/30/2015	0.17
					5/2/2016	0.01
					4/16/2017	3.68
					5/8/2018	1.95
AMEW-3	821121.38	26718782.87	UMCf	1598.74	4/28/2014	2.12
					4/30/2015	3.11
					5/2/2016	2.83
					4/16/2017	138.75
					5/8/2018	104.77
AMEW-4	821094.74	26717431.01	UMCf	1640.32	4/28/2014	82.12
					4/30/2015	101.94
					5/2/2016	107.6
					4/16/2017	594.65
					5/8/2018	736.24

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Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
AMEW-5	821718.19	26718507.67	UMCf	1602.47	4/28/2014	821.19
					4/30/2015	821.19
					5/2/2016	849.5
					4/16/2017	1585.74
					5/8/2018	1614.06
AMOW-3-52	821097.77	26718872.31	UMCf	1718.35	4/16/2014	1614.06
					4/29/2015	1529.11
					4/18/2016	1670.69
					4/30/2017	1642.37
					6/6/2018	1529.11
AMOW-3-165	821100.92	26718862.91	UMCf	1600.57	4/16/2014	1699.01
					4/29/2015	1699.01
					5/2/2016	11.33
					4/30/2017	10.19
					5/8/2018	11.89
AMX-40	820936.20	26720195.70	UMCf	1711.20	4/23/2014	9.91
					4/28/2015	1415.84
					4/14/2016	887.26
					4/24/2017	811.75
					4/17/2018	877.82
AMX-98	820944.70	26720198.20	UMCf	1655.60	4/23/2014	953.33
					4/28/2015	962.77
					4/14/2016	906.14
					4/24/2017	858.94
					4/17/2018	943.89
AMX-166	820953.20	26720201.00	UMCf	1585.60	4/23/2014	962.77
					4/28/2015	858.94
					4/14/2016	981.65
					4/24/2017	934.45
					4/17/2018	1132.67
APEW-1	825422.20	26729271.10	Qal/xMCf	1593.50	4/27/2016	1274.26
					4/16/2017	1104.36
					5/3/2018	1019.4
APEW-2	825681.50	26729275.20	Qal/xMCf	1596.00	4/29/2014	547.46
					4/21/2015	490.82
					4/27/2016	547.46
					4/16/2017	622.97
					5/3/2018	632.41
APEW-3	827229.40	26729290.00	Qal/xMCf	1594.65	4/29/2014	573.42
					4/21/2015	556.9
					4/27/2016	509.7
					4/16/2017	481.39
					5/3/2018	415.31

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Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
APX-1-45	825255.70	26729255.10	UMCf	1573.70	4/17/2014	707.92
					5/12/2015	722.08
					4/27/2016	1132.67
					4/18/2017	1444.16
					5/3/2018	1160.99
APX-2-45	825650.90	26729263.00	UMCf	1571.10	4/23/2014	1330.89
					4/23/2015	203.88
					4/12/2016	154.8
					4/18/2017	162.35
					5/3/2018	155.74
APX-2-P101	825601.60	26729261.20	Qal/xMCf	1594.50	4/17/2014	163.29
					4/23/2015	169.9
					4/12/2016	168.96
					4/18/2017	168.01
					5/3/2018	439.85
APX-4-20	826451.20	26729275.10	UMCf	1595.70	4/23/2014	163.29
					4/23/2015	122.71
					5/4/2016	461.56
					4/18/2017	594.65
					5/3/2018	679.6
APX-5-7	826987.80	26729285.20	Qal/xMCf	1606.10	4/17/2014	679.6
					4/23/2015	1189.31
					4/13/2016	736.24
					4/18/2017	755.11
					5/3/2018	755.11
APX-5-16	827009.30	26729285.00	UMCf	1595.40	4/23/2014	632.41
					4/23/2015	689.04
					4/12/2016	509.7
					6/6/2018	462.51
APX-7-14	825193.10	26729254.30	Qal	1598.20	4/17/2014	585.21
					4/23/2015	622.97
					4/12/2016	566.34
					4/18/2017	490.82
					5/3/2018	580.49
AREW-1	823916.80	26727999.20	Qal/xMCf	1619.49	4/29/2014	453.07
					4/21/2015	528.58
					4/12/2016	519.14
					4/16/2017	462.51
					5/2/2018	249.19
AREW-2	824122.00	26728000.20	Qal/xMCf	1611.70	4/29/2014	210.49
					4/21/2015	137.81
					4/27/2016	87.78
					4/16/2017	81.17

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Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
AREW-2	824122.00	26728000.20	Qal/xMCf	1611.70	5/2/2018	88.73
AREW-3	824322.00	26728001.20	Qal/xMCf	1612.97	4/29/2014	67.02
					4/21/2015	92.5
					4/27/2016	506.87
					4/16/2017	269.01
					5/2/2018	311.48
AREW-4	824528.50	26728002.50	Qal/xMCf	1612.48	4/29/2014	707.92
					4/21/2015	1670.69
					4/27/2016	1614.06
					4/16/2017	1274.26
					5/2/2018	1425.28
AREW-5	824727.50	26728003.70	Qal/xMCf	1603.24	4/29/2014	1274.26
					4/21/2015	1821.71
					4/27/2016	1349.77
					4/16/2017	1330.89
					5/2/2018	2029.37
AREW-6	824941.20	26728004.80	Qal/xMCf	1606.36	4/29/2014	1000.53
					4/21/2015	849.5
					4/27/2016	707.92
					4/16/2017	3157.32
					5/2/2018	877.82
ARP-1	828592.90	26728365.67	Qal	1584.48	1/15/2014	1500.79
					2/14/2014	707.92
					3/12/2014	651.29
					4/17/2014	547.46
					5/21/2014	528.58
					6/12/2014	566.34
					7/8/2014	509.7
					8/8/2014	490.82
					9/10/2014	415.31
					10/14/2014	405.87
					11/25/2014	519.14
					12/30/2014	387
					1/14/2015	330.36
					2/11/2015	368.12
					3/11/2015	594.65
4/17/2015	311.48					
5/27/2015	651.29					
6/23/2015	509.7					
7/16/2015	594.65					
8/12/2015	1160.99					
9/16/2015	1160.99					
10/13/2015	1463.03					

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Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
ARP-1	828592.90	26728365.67	Qal	1584.48	11/11/2015	1123.23
					12/11/2015	972.21
					1/14/2016	991.09
					2/12/2016	792.87
					3/10/2016	2973.26
					4/7/2016	745.68
					5/6/2016	585.21
					6/9/2016	538.02
					7/20/2016	1491.35
					8/3/2016	877.82
					9/20/2016	764.55
					10/12/2016	1444.16
					11/15/2016	2076.57
					5/4/2017	2199.27
11/8/2017	2293.66					
5/10/2018	2775.05					
11/6/2018	2746.73					
ARP-2A	828722.79	26728404.69	Qal	1575.96	1/15/2014	3869.96
					2/13/2014	3209.24
					3/13/2014	3681.18
					4/17/2014	3681.18
					5/20/2014	1.98
					6/12/2014	3.11
					7/9/2014	396.44
					8/7/2014	453.07
					9/11/2014	0.28
					10/15/2014	0.25
					11/25/2014	50.97
					12/29/2014	36.81
					1/14/2015	0.05
					2/13/2015	0.01
					3/11/2015	19.26
					4/21/2015	13.88
					5/19/2015	42.48
					6/25/2015	33.98
					7/15/2015	622.97
					8/12/2015	651.29
9/17/2015	700.84					
10/14/2015	637.13					
11/11/2015	764.55					
12/10/2015	7362.37					
1/13/2016	5097.02					
2/11/2016	6796.03					

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
Phase 6 Groundwater Flow and Transport Model
Nevada Environmental Response Trust Site
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Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
ARP-2A	828722.79	26728404.69	Qal	1575.96	3/10/2016	7079.2
					4/7/2016	8211.87
					5/5/2016	5635.04
					6/13/2016	736.24
					7/20/2016	821.19
					8/3/2016	856.58
					9/20/2016	679.6
					10/12/2016	736.24
					11/15/2016	707.92
					5/4/2017	764.55
					11/7/2017	651.29
					5/9/2018	311.48
11/6/2018	934.45					
ARP-3A	828856.07	26728403.15	Qal	1584.26	1/15/2014	821.19
					2/13/2014	229.65
					3/13/2014	70.84
					4/17/2014	298.74
					5/20/2014	962.77
					6/12/2014	736.24
					7/9/2014	570.11
					8/7/2014	731.99
					9/11/2014	424.75
					10/15/2014	509.7
					11/25/2014	934.45
					12/29/2014	785.79
					1/14/2015	756.06
					2/12/2015	382.28
					3/11/2015	736.24
					4/21/2015	962.77
					5/19/2015	512.06
					6/25/2015	377.46
					7/15/2015	216.62
					8/12/2015	453.07
					9/17/2015	707.92
					10/14/2015	127.74
					11/11/2015	3.1
					12/10/2015	1.71
1/13/2016	0.09					
2/11/2016	707.92					
3/10/2016	481.39					
4/7/2016	250.6					
5/5/2016	481.39					
6/13/2016	651.29					

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
Phase 6 Groundwater Flow and Transport Model
Nevada Environmental Response Trust Site
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Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
ARP-3A	828856.07	26728403.15	Qal	1584.26	7/20/2016	934.45
					8/3/2016	884.9
					9/20/2016	828.27
					10/12/2016	778.71
					11/15/2016	906.14
					5/4/2017	6.51
					11/7/2017	5.95
					5/9/2018	11.61
11/6/2018	13.88					
ARP-4A	829167.66	26728412.05	Qal	1590.54	1/15/2014	79.29
					2/13/2014	50.97
					3/13/2014	50.97
					4/17/2014	62.3
					5/20/2014	50.97
					6/12/2014	42.48
					7/9/2014	39.64
					8/7/2014	0.2
					9/11/2014	0.48
					10/15/2014	16.42
					11/25/2014	13.31
					12/29/2014	9.63
					1/14/2015	14.16
					2/12/2015	39077.18
					3/11/2015	40587.41
					4/17/2015	36811.84
					5/19/2015	25768.29
					6/25/2015	33980.16
					7/15/2015	6847
					8/12/2015	342.82
					9/16/2015	4.25
					10/14/2015	0.01
					11/11/2015	4.25
					12/10/2015	31903.59
1/13/2016	43891.04					
2/11/2016	33980.16					
3/10/2016	31148.48					
4/7/2016	33980.16					
5/5/2016	10194.05					
6/13/2016	552.18					
7/20/2016	8.21					
8/3/2016	0.96					
9/20/2016	23078.19					
10/12/2016	14894.64					

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
Phase 6 Groundwater Flow and Transport Model
Nevada Environmental Response Trust Site
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Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
ARP-4A	829167.66	26728412.05	Qal	1590.54	11/15/2016	16329.35
					5/4/2017	15291.07
ARP-5A	829374.74	26728458.50	Qal	1591.31	1/15/2014	17839.58
					2/13/2014	15291.07
					3/13/2014	15857.41
					4/17/2014	15857.41
					5/21/2014	26334.62
					6/12/2014	24069.28
					7/9/2014	20954.43
					8/7/2014	18689.09
					9/11/2014	20954.43
					10/15/2014	14838
					11/25/2014	7834.31
					12/29/2014	3398.02
					1/14/2015	23786.11
					2/12/2015	24635.62
					3/11/2015	18689.09
					4/17/2015	15196.68
					5/19/2015	18405.92
					6/24/2015	15857.41
					7/15/2015	16518.13
					8/12/2015	16140.58
					9/16/2015	28316.8
					10/14/2015	25201.95
					11/11/2015	27467.3
					12/10/2015	17273.25
					1/13/2016	6796.03
					2/11/2016	13025.73
					3/10/2016	292.65
					4/7/2016	0.35
					5/5/2016	3.68
					6/13/2016	1.87
7/20/2016	22370.27					
8/3/2016	396.44					
9/20/2016	172.73					
10/12/2016	53.8					
11/15/2016	14441.57					
5/4/2017	218.04					
11/7/2017	215.21					
5/9/2018	254.85					
11/6/2018	481.39					
ARP-6B	829520.19	26728500.05	Qal	1580.70	1/15/2014	249.19
					2/13/2014	266.18

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
Phase 6 Groundwater Flow and Transport Model
Nevada Environmental Response Trust Site
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Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
ARP-6B	829520.19	26728500.05	Qal	1580.70	3/13/2014	9.74
					4/17/2014	10.08
					5/21/2014	39.64
					6/12/2014	370.95
					7/9/2014	416.26
					8/7/2014	481.39
					9/11/2014	339.8
					10/15/2014	574.83
					11/25/2014	353.96
					12/29/2014	379.45
					1/15/2015	152.91
					2/12/2015	282.88
					3/11/2015	396.44
					4/17/2015	131.67
					5/19/2015	94.86
					6/24/2015	19.54
					7/15/2015	0.35
					8/12/2015	0.07
					9/16/2015	0.16
					10/14/2015	0.14
					11/11/2015	167.35
					12/10/2015	1.59
					1/13/2016	3.11
					2/11/2016	3.11
					3/10/2016	235.31
					4/7/2016	258.39
					5/5/2016	240.69
					6/13/2016	203.88
7/20/2016	229.37					
8/3/2016	1413.01					
9/20/2016	163.1					
10/12/2016	169.9					
11/15/2016	158.57					
5/4/2017	172.73					
11/7/2017	186.89					
5/9/2018	61.73					
11/6/2018	195.67					
ARP-7	829667.95	26728501.24	Qal	1588.07	1/15/2014	195.39
					2/13/2014	186.89
					3/13/2014	169.9
					4/17/2014	124.59
					5/20/2014	133.09
					6/12/2014	175.56

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
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Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
ARP-7	829667.95	26728501.24	Qal	1588.07	7/9/2014	198.22
					8/7/2014	209.54
					9/11/2014	311.48
					10/15/2014	62.3
					11/25/2014	23219.78
					12/29/2014	24635.62
					1/15/2015	28316.8
					2/12/2015	33980.16
					3/12/2015	13592.06
					4/17/2015	6229.7
					5/19/2015	3114.85
					6/24/2015	2831.68
					7/15/2015	13.59
					8/12/2015	12.88
					9/16/2015	11.91
					10/14/2015	11.89
					11/11/2015	11.33
					12/10/2015	11.19
					1/13/2016	2.07
					2/11/2016	12.46
					3/10/2016	311.48
					4/7/2016	1245.94
					5/5/2016	0.01
					6/13/2016	0.01
7/20/2016	0.02					
8/3/2016	0.04					
9/20/2016	169.9					
10/12/2016	906.14					
11/15/2016	764.55					
5/4/2017	1302.57					
11/7/2017	84.95					
5/9/2018	2265.34					
11/6/2018	2831.68					
ART-1	828543.85	26728123.31	Qal	1581.76	1/8/2014	3681.18
					2/3/2014	1982.18
					3/3/2014	1217.62
					4/7/2014	3398.02
					5/5/2014	3114.85
					6/3/2014	2831.68
					7/1/2014	3199.8
					8/4/2014	3058.21
					9/3/2014	12.74
					10/7/2014	33.98

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
Phase 6 Groundwater Flow and Transport Model
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Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
ART-1	828543.85	26728123.31	Qal	1581.76	11/3/2014	33.98
					12/1/2014	28.32
					1/5/2015	31.15
					2/2/2015	3114.85
					3/3/2015	3114.85
					4/6/2015	3114.85
					5/4/2015	3114.85
					6/1/2015	3681.18
					7/6/2015	36.81
					8/3/2015	87.78
					9/8/2015	84.95
					10/6/2015	53.8
					11/4/2015	45.31
					12/3/2015	424.75
					1/5/2016	4247.52
					2/5/2016	5380.19
3/7/2016	7164.15					
5/2/2016	7928.7					
11/14/2016	0					
12/15/2016	0.04					
ART-1A	828536.31	26728122.63	Qal	1579.31	4/4/2016	0.06
					6/9/2016	0.08
					7/5/2016	0.1
					8/1/2016	50.97
					9/6/2016	7.08
					10/26/2016	14.16
					1/16/2017	15.01
					2/15/2017	11.89
					3/20/2017	2010.49
					4/13/2017	2180.39
					5/10/2017	2520.2
					6/15/2017	2406.93
					7/12/2017	2208.71
					8/15/2017	1274.26
					9/6/2017	147.25
					10/5/2017	155.74
					11/2/2017	161.41
					12/7/2017	201.05
1/4/2018	3114.85					
2/7/2018	2463.56					
3/8/2018	3398.02					
4/4/2018	2293.66					
5/8/2018	1274.26					

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
Phase 6 Groundwater Flow and Transport Model
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Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
ART-1A	828536.31	26728122.63	Qal	1579.31	6/5/2018	1359.21
					7/17/2018	1217.62
					8/14/2018	1444.16
					9/11/2018	1897.23
					10/10/2018	2123.76
					11/13/2018	0.15
					12/19/2018	0.01
ART-2	828624.98	26728085.20	Qal	1581.81	1/8/2014	0.01
					2/3/2014	0.02
					3/3/2014	0.18
					4/7/2014	0.06
					5/5/2014	4.53
					6/3/2014	4.81
					7/1/2014	5.38
					8/4/2014	7.08
					9/3/2014	4.81
					10/7/2014	0.09
					11/3/2014	1203.46
					12/1/2014	99.11
					1/5/2015	113.27
					2/2/2015	186.89
					3/3/2015	158.57
					4/6/2015	243.52
					5/4/2015	110.44
					6/1/2015	147.25
					7/6/2015	453.07
					8/3/2015	0.45
					9/8/2015	42.48
					10/6/2015	11.04
					11/2/2015	0.85
					12/3/2015	2.29
					1/5/2016	19.82
					2/5/2016	6.23
					3/7/2016	424.75
4/4/2016	538.02					
5/2/2016	0.31					
6/9/2016	0.25					
7/5/2016	50.97					
10/26/2016	59.47					
11/14/2016	87.78					
12/15/2016	79.29					
4/13/2017	13.59					
5/10/2017	39.64					

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
Phase 6 Groundwater Flow and Transport Model
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Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
ART-2	828624.98	26728085.20	Qal	1581.81	7/12/2017	260.51
					8/15/2017	277.5
					9/6/2017	82.12
					10/5/2017	101.94
					11/2/2017	0.01
					12/7/2017	0.01
					1/4/2018	0.07
					2/7/2018	0.13
					3/8/2018	1.16
					5/8/2018	84.95
					6/5/2018	36.81
					7/17/2018	9.06
					8/14/2018	101.94
					9/11/2018	101.94
10/10/2018	0.57					
11/13/2018	0.62					
12/19/2018	2.41					
ART-2A	828618.40	26728086.04	Qal	1579.49	8/1/2016	1.47
					9/6/2016	2.94
					1/16/2017	43.89
					2/15/2017	178.4
					3/20/2017	121.76
					6/15/2017	215.21
4/4/2018	169.9					
ART-3	828774.66	26728085.42	Qal	1587.74	1/8/2014	311.48
					2/3/2014	280.34
					3/3/2014	99.11
					4/7/2014	198.22
					5/5/2014	93.45
					6/3/2014	155.74
					7/1/2014	110.44
					8/4/2014	93.45
					9/3/2014	127.43
					10/7/2014	679.6
					11/3/2014	651.29
					12/1/2014	133.09
					1/5/2015	101.94
					2/2/2015	116.1
3/3/2015	116.1					
4/6/2015	121.76					
5/4/2015	127.43					
6/1/2015	453.07					
7/6/2015	120.35					

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
Phase 6 Groundwater Flow and Transport Model
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Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
ART-3	828774.66	26728085.42	Qal	1587.74	9/8/2015	107.6
					10/6/2015	1.5
					11/2/2015	1330.89
					12/3/2015	1274.26
					10/26/2016	1245.94
					12/15/2016	1047.72
ART-3A	828768.51	26728085.09	Qal	1583.44	8/3/2015	1076.04
					1/5/2016	0.65
					2/5/2016	0.02
					3/7/2016	0.37
					4/4/2016	0.74
					5/2/2016	0.34
					6/9/2016	0.02
					7/5/2016	0.02
					8/1/2016	0.02
					9/6/2016	0.02
					11/14/2016	0.03
					1/16/2017	260.51
					2/15/2017	311.48
					3/20/2017	311.48
					4/13/2017	311.48
					5/10/2017	212.38
					6/15/2017	396.44
					7/12/2017	70.79
					8/15/2017	158.57
					9/6/2017	0.01
					10/5/2017	158.57
					11/2/2017	48.14
					12/7/2017	249.19
					1/4/2018	84.95
2/7/2018	226.53					
3/8/2018	192.55					
4/4/2018	0.28					
5/8/2018	0.13					
6/5/2018	0.17					
7/17/2018	0.25					
8/14/2018	339.8					
9/11/2018	368.12					
10/10/2018	7.08					
11/13/2018	396.44					
12/19/2018	424.75					
ART-4	828850.09	26728085.58	Qal	1586.69	1/8/2014	396.44
					2/3/2014	0.71

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
Phase 6 Groundwater Flow and Transport Model
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Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
ART-4	828850.09	26728085.58	Qal	1586.69	3/3/2014	3.54
					4/7/2014	566.34
					5/5/2014	509.7
					6/3/2014	368.12
					7/1/2014	396.44
					8/4/2014	223.7
					9/3/2014	198.22
					10/7/2014	172.73
					11/3/2014	155.74
					12/1/2014	50.97
					1/5/2015	18.41
					2/2/2015	9627.71
					3/3/2015	0.03
					4/6/2015	0.45
					5/4/2015	0.04
					6/1/2015	1.05
					7/6/2015	0.34
					8/3/2015	792.87
					9/8/2015	736.24
					10/6/2015	707.92
					11/2/2015	509.7
					12/3/2015	566.34
					1/5/2016	8.5
					2/5/2016	11.89
					3/7/2016	0.57
					4/4/2016	7.93
					6/9/2016	12.46
					7/5/2016	6.23
					8/1/2016	481.39
					9/6/2016	481.39
					10/26/2016	0.04
11/14/2016	0.04					
12/15/2016	0.88					
1/16/2017	0.02					
2/15/2017	18.69					
3/20/2017	0.88					
4/13/2017	1.13					
6/15/2017	36.81					
7/12/2017	0.16					
8/15/2017	0.23					
9/6/2017	0.05					
10/5/2017	0.01					
11/2/2017	0.31					

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
Phase 6 Groundwater Flow and Transport Model
Nevada Environmental Response Trust Site
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Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
ART-4	828850.09	26728085.58	Qal	1586.69	12/7/2017	481.39
					1/4/2018	651.29
					2/7/2018	622.97
					3/8/2018	792.87
					4/4/2018	1217.62
					5/8/2018	82.12
					6/5/2018	2.41
					7/17/2018	2.38
					8/14/2018	42.48
					9/11/2018	45.31
					10/10/2018	45.31
					11/13/2018	45.31
12/19/2018	21.8					
ART-4A	828844.20	26728085.04	Qal	1587.72	5/2/2016	23.5
					5/10/2017	24.64
ART-6	829472.70	26728140.74	Qal	1592.20	1/8/2014	24.07
					2/3/2014	87.78
					3/6/2014	82.12
					4/7/2014	79.29
					5/7/2014	90.61
					6/3/2014	12.18
					7/1/2014	12.18
					8/4/2014	13.59
					9/3/2014	13.31
					10/8/2014	1783.96
					11/3/2014	1953.86
					12/1/2014	1868.91
					1/5/2015	1812.28
					2/2/2015	1444.16
					3/3/2015	0.02
					4/6/2015	0.14
					5/4/2015	0.02
					6/1/2015	0.01
					7/6/2015	0.02
					8/3/2015	792.87
					9/8/2015	566.34
10/6/2015	594.65					
11/2/2015	622.97					
12/7/2015	651.29					
1/20/2016	736.24					
2/5/2016	538.02					
3/10/2016	594.65					
4/7/2016	509.7					

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
Phase 6 Groundwater Flow and Transport Model
Nevada Environmental Response Trust Site
Henderson, Nevada

Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)					
ART-6	829472.70	26728140.74	Qal	1592.20	5/2/2016	566.34					
					6/13/2016	70.79					
					7/19/2016	178.4					
					8/2/2016	203.88					
					9/14/2016	99.11					
					10/26/2016	0.01					
					11/14/2016	169.9					
					12/15/2016	104.77					
					1/16/2017	129.31					
					2/15/2017	135.92					
					3/20/2017	72.33					
					4/13/2017	203.88					
					5/10/2017	113.27					
					6/15/2017	133.09					
					7/12/2017	0.01					
					8/15/2017	0.01					
					9/6/2017	178.4					
					10/5/2017	167.07					
					11/2/2017	150.08					
					12/6/2017	266.18					
ART-7	829576.54	26728145.85	Qal	1589.66	1/8/2014	110.44					
					2/3/2014	141.58					
					3/3/2014	90.61					
					4/7/2014	209.54					
					5/5/2014	96.28					
					6/3/2014	65.13					
					7/1/2014	56.63					
					8/4/2014	12.18					
					9/3/2014	3.4					
					10/7/2014	161.41					
					ART-7A	829582.58	26728143.61	Qal	1588.73	2/13/2015	3.4

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
Phase 6 Groundwater Flow and Transport Model
Nevada Environmental Response Trust Site
Henderson, Nevada

Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
ART-7A	829582.58	26728143.61	Qal	1588.73	5/4/2015	66.54
					8/3/2015	90.61
					10/6/2015	453.07
					1/5/2016	79.29
					2/5/2016	53.8
					3/7/2016	35.49
					4/4/2016	36.81
					5/2/2016	121.76
					12/15/2016	96.28
					1/16/2017	133.09
					2/15/2017	104.77
					3/20/2017	135.92
					5/10/2017	118.93
6/15/2017	0.01					
ART-7B	829576.41	26728151.56	Qal	1580.94	1/29/2014	0.01
					2/13/2014	124.59
					5/20/2014	99.11
					8/7/2014	65.13
					11/3/2014	76.46
					12/1/2014	76.46
					1/5/2015	82.12
					2/2/2015	117.04
					3/3/2015	110.44
					4/6/2015	93.45
					5/4/2015	104.77
					6/1/2015	181.23
					7/6/2015	124.59
					8/3/2015	104.77
					9/8/2015	124.59
					11/2/2015	110.44
					12/3/2015	203.88
					6/9/2016	368.12
					7/5/2016	99.11
					8/1/2016	12.46
					9/6/2016	75.04
10/26/2016	73.62					
11/14/2016	10.48					
4/13/2017	9.91					
7/12/2017	5.38					
8/15/2017	5.38					
9/6/2017	206.71					
10/5/2017	218.04					
11/2/2017	12.88					

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
Phase 6 Groundwater Flow and Transport Model
Nevada Environmental Response Trust Site
Henderson, Nevada

Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
ART-7B	829576.41	26728151.56	Qal	1580.94	12/7/2017	3.11
					1/4/2018	83.53
					2/7/2018	76.46
					3/8/2018	104.77
					4/4/2018	76.46
					5/8/2018	26.9
					6/5/2018	67.96
					7/17/2018	33.98
					8/14/2018	31.15
					9/11/2018	84.95
					10/10/2018	260.51
					11/13/2018	198.22
12/19/2018	104.77					
ART-8	828697.18	26728084.46	Qal	1585.94	1/8/2014	101.94
					2/3/2014	4.53
					3/3/2014	107.6
					4/7/2014	0.01
					5/5/2014	0.99
					6/3/2014	107.6
					7/1/2014	67.96
					8/4/2014	18.69
					9/3/2014	121.76
					10/7/2014	56.63
					11/3/2014	9.34
					12/1/2014	22.94
					1/5/2015	107.6
					2/2/2015	99.11
					3/3/2015	144.42
					4/6/2015	70.79
					5/4/2015	36.81
					6/1/2015	0.01
					7/6/2015	96.28
					8/3/2015	107.6
9/8/2015	104.77					
10/6/2015	1.64					
11/2/2015	1.19					
12/3/2015	1.05					
10/26/2016	0.91					
ART-8A	828691.54	26728083.80	Qal	1581.96	1/5/2016	0.93
					2/5/2016	1.44
					3/7/2016	2.04
					4/4/2016	2.8
					5/2/2016	1.7

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
Phase 6 Groundwater Flow and Transport Model
Nevada Environmental Response Trust Site
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Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
ART-8A	828691.54	26728083.80	Qal	1581.96	6/9/2016	1.02
					7/5/2016	220.87
					8/1/2016	178.4
					9/6/2016	218.04
					11/14/2016	186.89
					12/15/2016	203.88
					1/16/2017	159.99
					2/15/2017	150.08
					3/20/2017	175.56
					4/13/2017	186.89
					5/10/2017	147.25
					6/15/2017	209.54
					7/12/2017	67.96
					8/15/2017	39.64
					9/6/2017	0.4
					10/5/2017	0.76
					11/2/2017	1.27
					12/7/2017	0.42
					1/4/2018	24.35
					2/7/2018	67.96
3/8/2018	62.3					
4/4/2018	5.66					
5/8/2018	4.53					
6/5/2018	594.65					
7/17/2018	509.7					
8/14/2018	566.34					
9/11/2018	481.39					
10/10/2018	481.39					
11/13/2018	424.75					
12/19/2018	424.75					
ART-9	829525.85	26728143.91	Qal	1585.81	1/8/2014	481.39
					2/3/2014	453.07
					3/3/2014	509.7
					4/7/2014	453.07
					5/5/2014	679.6
					6/3/2014	991.09
					7/1/2014	1189.31
					8/4/2014	1415.84
					9/3/2014	1245.94
					10/7/2014	849.5
					11/3/2014	509.7
					12/1/2014	538.02
1/5/2015	453.07					

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
Phase 6 Groundwater Flow and Transport Model
Nevada Environmental Response Trust Site
Henderson, Nevada

Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
ART-9	829525.85	26728143.91	Qal	1585.81	2/2/2015	566.34
					3/3/2015	566.34
					4/6/2015	509.7
					5/4/2015	311.48
					6/1/2015	311.48
					7/6/2015	283.17
					8/3/2015	0.01
					9/8/2015	0.01
					10/6/2015	0.01
					11/2/2015	0.01
					12/3/2015	0.01
					1/5/2016	0.04
					2/5/2016	0.01
					3/7/2016	0.01
					4/4/2016	0.02
					5/2/2016	0.01
					6/9/2016	0.01
					7/5/2016	0.01
					8/1/2016	1.9
					9/6/2016	1.44
					10/26/2016	2.46
					11/14/2016	2.01
					12/15/2016	2.52
					1/16/2017	4.81
					2/15/2017	26.62
					3/20/2017	93.45
					4/13/2017	33.98
					5/10/2017	25.77
					6/15/2017	110.44
					7/12/2017	42.48
					8/15/2017	15.86
					9/6/2017	8.5
10/5/2017	7.65					
11/2/2017	50.97					
12/7/2017	14.44					
1/4/2018	3.4					
2/7/2018	48.14					
3/8/2018	48.14					
4/4/2018	48.14					
5/8/2018	33.98					
6/5/2018	28.32					
7/17/2018	24.07					
8/14/2018	12.46					

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
Phase 6 Groundwater Flow and Transport Model
Nevada Environmental Response Trust Site
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Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
ART-9	829525.85	26728143.91	Qal	1585.81	9/11/2018	8.21
					10/10/2018	19.54
					11/13/2018	8.21
					12/19/2018	18.41
B01	825676.63	26717341.36	xMCf	1758.39	6/25/2014	18.41
					4/18/2017	18.41
BEC-5	834179.00	26725181.00	UMCf	1628.16	1/17/2018	4.81
					4/5/2018	0.71
BEC-6	835794.86	26724104.56	UMCf	1652.76	6/8/2015	1.35
					1/11/2018	26.33
BEC-7	832697.00	26725933.00	UMCf	1610.32	1/16/2018	21.8
					4/5/2018	0.07
BEC-9	833049.52	26727221.50	UMCf	1596.24	1/18/2018	22.65
					4/5/2018	189.72
BEC-10	835778.56	26727623.50	UMCf	1576.88	1/18/2018	186.89
					4/2/2018	186.89
BEC-12	840870.00	26728991.00	UMCf	1631.00	1/24/2018	135.92
					4/5/2018	2746.73
BHE1-10	828193.10	26723364.50	Qal/xMCf	1660.70	4/22/2014	2123.76
					1/14/2015	2350.29
					5/11/2015	2746.73
					4/27/2016	2973.26
					5/15/2017	4813.86
5/9/2018	4530.69					
BRW-R1	831558.84	26716928.10	Qal	1794.10	4/16/2014	5946.53
					4/6/2015	6229.7
					4/10/2017	6796.03
					4/19/2018	6512.86
CLD3-R	829651.41	26720010.74	Qal	1720.70	4/19/2018	5946.53
CLD4-R	829034.28	26718854.29	Qal	1744.50	4/15/2014	6229.7
					4/7/2015	5380.19
					4/7/2017	4530.69
CMT-101	829635.17	26719980.31	xMCf	1701.15	4/21/2014	4247.52
					4/15/2015	5380.19
					4/4/2017	4813.86
CP-1	825287.67	26716403.47	UMCf	1704.00	6/20/2014	3681.18
					4/18/2017	3681.18
CSMMW-1	829601.30	26717854.87	Qal/xMCf	1765.35	4/10/2014	3398.02
					4/10/2017	3964.35
CSMMW-2	830257.07	26718054.66	Qal/xMCf	1760.17	4/10/2014	3964.35
					4/10/2017	3964.35
DBMW-1	830469.80	26727999.08	Qal/UMCf	1590.13	4/8/2014	4530.69
					4/9/2014	339.8

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
Phase 6 Groundwater Flow and Transport Model
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Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
DBMW-1	830469.80	26727999.08	Qal/UMCf	1590.13	4/3/2015	396.44
					4/19/2016	396.44
					4/6/2017	368.12
					1/19/2018	481.39
					4/2/2018	243.52
					4/23/2018	3114.85
DBMW-3	831032.81	26728150.18	Qal/UMCf	1594.40	12/15/2014	1302.57
					4/3/2015	1076.04
					6/5/2015	1019.4
					4/6/2017	1104.36
					1/19/2018	1302.57
					4/2/2018	1019.4
					4/24/2018	991.09
DBMW-4	832295.68	26729903.39	Qal/UMCf	1583.49	12/15/2014	1104.36
					6/5/2015	1132.67
					4/19/2016	1019.4
					5/3/2017	26.05
					1/22/2018	135.92
					4/2/2018	509.7
					5/8/2018	396.44
DBMW-5	833399.07	26729807.30	UMCf	1581.65	12/12/2014	453.07
					6/5/2015	622.97
					4/19/2016	453.07
					1/22/2018	934.45
					4/2/2018	1189.31
DBMW-7	835304.94	26729069.98	UMCf	1568.99	4/18/2016	1302.57
					1/23/2018	1019.4
					4/3/2018	1330.89
DBMW-8	835406.66	26729026.85	UMCf	1571.49	4/18/2016	1444.16
					1/22/2018	2010.49
					4/3/2018	2406.93
DBMW-9	836248.43	26727788.85	UMCf	1592.76	3/29/2018	2293.66
DBMW-10	836955.59	26727918.57	Qal/UMCf	1596.33	12/11/2014	2237.03
					6/1/2015	1840.59
					3/29/2018	1529.11
DBMW-11	837595.56	26727990.80	UMCf	1604.20	12/11/2014	1217.62
					6/1/2015	1019.4
DBMW-12	838000.96	26727975.84	UMCf	1606.36	3/29/2018	991.09
DBMW-13	838573.96	26728026.27	UMCf	1615.93	12/18/2014	1274.26
					6/3/2015	1189.31
					1/23/2018	1189.31
					3/30/2018	1302.57
DBMW-14	838999.37	26728032.25	UMCf	1631.89	12/10/2014	1472.47

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
Phase 6 Groundwater Flow and Transport Model
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Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
DBMW-14	838999.37	26728032.25	UMCf	1631.89	1/9/2015	1132.67
					6/1/2015	962.77
					4/3/2018	1047.72
					4/10/2018	1217.62
DBMW-15	839456.96	26728062.10	UMCf	1637.75	12/22/2014	821.19
					6/3/2015	1104.36
					1/23/2018	792.87
					3/30/2018	849.5
DBMW-16	840514.78	26728557.03	Qal/UMCf	1593.58	1/23/2018	2095.44
					3/30/2018	2265.34
DBMW-17	840772.27	26728097.27	Qal/UMCf	1647.57	1/23/2018	1968.02
					4/3/2018	1670.69
DBMW-18	840571.34	26727750.53	Qal/UMCf	1659.11	1/23/2018	1260.1
					3/30/2018	1699.01
DBMW-22	839141.01	26733030.27	UMCf	1487.08	6/19/2015	28.32
					4/22/2016	26.05
					3/30/2018	27.18
					4/11/2018	36.81
DFW-03	827571.31	26719221.30	UMCf	1723.26	5/15/2018	26.9
DFW-04	827610.10	26719213.17	UMCf	1719.21	5/15/2018	28.32
DFW-05	827638.48	26719226.97	UMCf	1719.29	5/15/2018	31.15
DFW-06	827662.10	26718923.57	UMCf	1725.74	5/16/2018	39.64
DM-1	832745.01	26722024.65	Qal	1686.61	4/17/2014	36.81
					12/16/2014	33.98
					4/3/2015	33.98
					6/8/2015	20.95
					4/6/2017	5.38
					1/11/2018	22.37
					4/12/2018	33.98
4/24/2018	50.97					
DMC-MW-26	825692.03	26717360.62	UMCf	1531.34	7/2/2014	56.63
					4/21/2017	33.98
DMC-MW-27R	825211.51	26716407.16	UMCf	1580.71	6/27/2014	25201.95
					4/21/2017	33980.16
DMC-MW-28	825775.48	26719450.04	UMCf	1485.62	7/7/2014	42475.2
					4/20/2017	31148.48
DPT-01	825680.22	26717349.85	UMCf	1686.45	6/24/2014	27184.13
					4/18/2017	26334.62
DX-24	819502.00	26717126.30	UMCf	1801.00	4/16/2014	10477.22
					5/7/2015	7928.7
					4/14/2016	10477.22
					4/26/2017	10760.38
					4/15/2018	12742.56

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
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Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
DX-30	819846.50	26717128.90	UMCf	1790.20	4/16/2014	8778.21
					4/30/2015	8495.04
					4/14/2016	7079.2
					4/26/2017	210.96
					4/16/2018	274.67
DX-75	819846.60	26717139.50	UMCf	1745.10	4/16/2014	239.28
					4/30/2015	196.8
					4/14/2016	172.73
					4/26/2017	118.93
					4/16/2018	133.09
DX-121	819846.10	26717149.50	UMCf	1699.10	5/20/2014	133.09
					4/30/2015	169.9
					5/2/2016	138.75
					4/26/2017	186.89
					6/6/2018	198.22
DX-161	819845.60	26717159.40	UMCf	1659.10	4/16/2014	12.74
					4/30/2015	3.11
					4/14/2016	2.35
					4/26/2017	1.6
					4/16/2018	2.35
DX-270	819846.00	26717118.00	UMCf	1550.50	4/16/2014	1.7
					5/19/2015	5.38
					4/20/2016	84.95
					4/26/2017	87.78
					4/15/2018	90.61
DX-350	819836.00	26717149.00	UMCf	1470.70	4/16/2014	70.79
					4/30/2015	277.5
					4/14/2016	368.12
					4/26/2017	266.18
					4/15/2018	246.36
DY-26	820125.60	26718551.10	xMCf/UMCf	1764.60	4/30/2014	175.56
					5/7/2015	96.28
					5/16/2016	101.94
					5/2/2017	130.26
					4/24/2018	135.92
DY-106	820116.60	26718551.30	UMCf	1684.40	4/30/2014	124.59
					5/7/2015	133.09
					4/14/2016	124.59
					5/2/2017	87.78
					4/24/2018	4247.52
DY-169	820135.30	26718550.80	UMCf	1621.40	5/18/2014	2831.68
					5/7/2015	1755.64
					5/16/2016	1146.83

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
Phase 6 Groundwater Flow and Transport Model
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Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
DY-169	820135.30	26718550.80	UMCf	1621.40	5/2/2017	6654.45
					4/24/2018	9486.13
DZ-15	818150.03	26717687.40	UMCf	1812.03	4/21/2014	7362.37
					4/27/2015	1076.04
					5/16/2016	877.82
					5/4/2017	906.14
					4/11/2018	849.5
DZ-152	818149.68	26717703.43	UMCf	1674.68	4/21/2014	906.14
					4/27/2015	764.55
					4/20/2016	736.24
					5/4/2017	707.92
					4/11/2018	651.29
E1-1	827324.81	26719578.17	Qal/UMCf	1720.48	4/19/2018	538.02
					5/17/2018	538.02
					6/14/2018	622.97
					7/19/2018	566.34
					8/16/2018	622.97
					9/19/2018	906.14
					10/23/2018	481.39
					11/13/2018	481.39
					12/11/2018	396.44
E1-2	827353.97	26719578.56	Qal/UMCf	1720.03	4/19/2018	2.15
					5/17/2018	1.22
					6/14/2018	1.64
					7/19/2018	1.03
					8/16/2018	0.92
					9/19/2018	0.47
					10/23/2018	0.07
					11/13/2018	0.03
					12/11/2018	0.19
E1-3	827379.64	26719578.23	Qal/UMCf	1720.50	4/19/2018	0.01
					5/17/2018	0.01
					6/14/2018	1.05
					7/19/2018	5.95
					8/16/2018	5.66
					9/19/2018	4.81
					10/23/2018	3.4
					11/13/2018	2.78
					12/11/2018	3.4
E2-1	827303.14	26719410.29	Qal/UMCf	1719.43	4/19/2018	3.68
					5/17/2018	0.37
					6/14/2018	1.73
					7/19/2018	0.48

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
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Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
E2-1	827303.14	26719410.29	Qal/UMCf	1719.43	8/16/2018	0.19
					9/19/2018	0.15
					10/23/2018	0.31
					11/13/2018	0.28
					12/11/2018	0.01
E2-2	827328.51	26719407.99	Qal/UMCf	1717.62	4/23/2018	0.01
					5/17/2018	0.03
					6/14/2018	0.01
					7/19/2018	0.03
					8/16/2018	0.01
					9/19/2018	0.01
					10/23/2018	59.47
					11/13/2018	0.2
					12/11/2018	0.01
					E2-3	827353.66
5/17/2018	0.01					
6/14/2018	0.01					
7/19/2018	0.71					
8/16/2018	0.01					
9/19/2018	0.01					
10/23/2018	0.01					
11/13/2018	0.54					
12/11/2018	0.2					
E2-4	827378.71	26719408.07	Qal/UMCf	1721.97	4/19/2018	0.24
					5/17/2018	0.48
					6/14/2018	0.14
					7/19/2018	0.19
					8/16/2018	4.25
					9/19/2018	0.01
					10/23/2018	0.01
					11/13/2018	0.03
12/11/2018	0.01					
E2-5	827403.42	26719408.53	Qal/UMCf	1717.05	4/19/2018	0.02
					5/17/2018	0.05
					6/14/2018	0.04
					7/19/2018	0.1
					8/16/2018	1104.36
					9/19/2018	2435.24
					10/23/2018	2803.36
					11/13/2018	2775.05
12/11/2018	1472.47					
EC-3	824697.84	26717247.43	UMCf	1745.65	5/6/2015	2067.13
EC-4	824135.84	26717035.31	UMCf	1747.76	6/17/2014	0.14

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
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Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
EC-4	824135.84	26717035.31	UMCf	1747.76	4/29/2015	0.01
					4/18/2016	0.06
					4/17/2017	0.06
					4/19/2018	0.01
EC-7	824698.68	26717808.89	Qal/xMCf	1741.28	5/7/2015	0.04
EC-10	823570.10	26717752.81	Qal/xMCf	1743.93	6/17/2014	0.08
					4/29/2015	0.24
					4/18/2016	0.57
					4/17/2017	0.88
					4/19/2018	1.02
EC-14	824258.28	26718049.25	UMCf	1669.87	6/17/2014	4.25
					4/29/2015	21.24
					4/18/2016	28.32
					4/17/2017	50.97
					4/19/2018	13875.23
ES-1	831068.03	26720247.99	UMCf	1651.04	1/17/2018	20954.43
					3/26/2018	20954.43
ES-2	831474.03	26721263.23	Qal/UMCf	1691.23	1/12/2018	21803.94
					4/4/2018	27467.3
ES-3	830702.56	26721654.03	Qal	1687.66	1/10/2018	23786.11
					3/28/2018	1.39
ES-4	831228.81	26721583.57	UMCf	1646.94	1/9/2018	0.79
					4/4/2018	1.13
ES-5	831093.61	26723491.09	UMCf	1612.92	1/18/2018	0.57
					4/5/2018	0.54
ES-6	830695.51	26725467.31	UMCf	1593.65	1/11/2018	0.42
					4/12/2018	0.05
ES-7	833810.27	26725608.57	UMCf	1608.43	3/3/2018	0.01
					3/7/2018	1.19
					4/12/2018	1.33
ES-8A	835755.84	26724135.49	UMCf	1646.68	2/18/2018	0.01
					3/27/2018	0.02
ES-8B	835743.11	26724142.40	UMCf	1616.60	2/17/2018	235.03
					3/28/2018	232.2
					4/9/2018	252.02
ES-9	835860.89	26726278.80	UMCf	1591.57	4/17/2018	280.34
ES-10	831010.98	26728252.65	UMCf	1566.27	3/7/2018	311.48
					4/2/2018	368.12
ES-11	832629.88	26728619.00	UMCf	1576.90	4/2/2018	4813.86
ES-12	832743.14	26729785.84	UMCf	1550.18	1/31/2018	7645.54
					4/2/2018	6512.86
ES-13	834911.16	26728997.78	UMCf	1533.12	3/6/2018	7645.54
					4/2/2018	8778.21

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
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Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
ES-14A	835854.83	26727285.86	UMCf	1606.30	5/24/2018	6796.03
ES-14B	835854.63	26727300.99	UMCf	1557.87	4/17/2018	14724.74
ES-15	836663.80	26728091.96	UMCf	1575.28	4/16/2018	13592.06
ES-16	837795.33	26728120.10	UMCf	1570.84	5/24/2018	59.47
ES-17	838317.31	26728096.46	UMCf	1576.55	5/24/2018	23.79
ES-18	839215.94	26728133.54	UMCf	1579.58	5/24/2018	21.52
ES-19	840084.16	26728425.58	UMCf	1518.46	3/13/2018	21.8
					4/10/2018	22.37
ES-20	840584.03	26727738.94	UMCf	1615.20	2/4/2018	20.1
					4/10/2018	18.41
ES-21A	836764.30	26730354.03	UMCf	1553.79	9/10/2018	18.12
					11/12/2018	15.86
ES-21B	836761.38	26730362.32	UMCf	1523.56	9/11/2018	25.34
					11/12/2018	27.75
ES-22A	838215.09	26729378.29	UMCf	1600.49	9/12/2018	22.94
					11/13/2018	45.31
ES-22B	838219.47	26729386.04	UMCf	1570.10	9/12/2018	311.48
					11/13/2018	396.44
ES-23A	840103.88	26730541.86	UMCf	1562.52	9/10/2018	203.88
					11/13/2018	215.21
ES-23B	840112.56	26730539.18	UMCf	1422.45	9/10/2018	339.8
					11/13/2018	339.8
ES-24	838489.46	26731540.00	UMCf	1492.74	9/12/2018	368.12
					11/13/2018	396.44
ES-25A	838620.20	26732670.29	UMCf	1491.43	3/16/2018	481.39
					4/11/2018	396.44
ES-25B	838629.68	26732670.53	UMCf	1461.53	3/19/2018	339.8
					4/11/2018	453.07
ES-26	839156.96	26733027.08	UMCf	1462.07	3/15/2018	424.75
					4/11/2018	382.28
ES-27	839754.54	26733933.52	Qal	1469.45	3/14/2018	538.02
					4/11/2018	594.65
ES-28	833324.53	26720624.95	UMCf	1683.96	1/16/2018	481.39
					4/9/2018	594.65
ES-29	835197.47	26721162.00	UMCf	1693.49	1/15/2018	339.8
					2/17/2018	566.34
ES-30	831683.05	26725401.87	UMCf	1582.33	1/18/2018	270.43
					4/9/2018	283.17
ES-31	832204.06	26726968.30	UMCf	1578.92	1/19/2018	277.5
					4/9/2018	263.35
ES-32	832493.20	26723507.75	UMCf	1613.93	2/7/2018	311.48
					4/12/2018	277.5
ES-33	830688.49	26727819.66	UMCf	1598.47	5/23/2018	311.48

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
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Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
ES-34	831294.61	26727878.60	UMCf	1593.92	5/23/2018	283.17
ES-35	831812.43	26727994.68	UMCf	1588.42	5/22/2018	311.48
ES-36	832531.15	26728075.74	UMCf	1591.11	4/20/2018	1897.23
					5/22/2018	3964.35
ES-37	830634.29	26727252.08	UMCf	1602.06	5/22/2018	3681.18
ES-38	831828.20	26727641.10	UMCf	1592.98	5/23/2018	4247.52
ES-39	832407.53	26727422.09	UMCf	1597.56	5/23/2018	2803.36
EWQal-1	828864.00	26720432.00	Qal/xMCf	1710.05	3/11/2014	5380.19
					3/31/2015	2831.68
					5/23/2016	2265.34
					4/12/2017	1897.23
					4/12/2018	6937.62
					4/25/2018	2265.34
EWQal-2	828981.00	26720373.00	Qal/xMCf	1711.17	3/11/2014	2265.34
					3/31/2015	4247.52
					5/23/2016	6512.86
					4/12/2017	6512.86
					4/12/2018	4530.69
					4/25/2018	1330.89
EWQal-3	829118.00	26720311.00	Qal/xMCf	1711.32	3/11/2014	1953.86
					3/31/2015	10901.97
					5/23/2016	10194.05
					4/12/2017	9344.54
					4/12/2018	9061.38
					4/25/2018	15857.41
EWQal-4	829225.00	26720251.00	Qal/xMCf	1713.32	3/11/2014	20104.93
					3/31/2015	31148.48
					5/23/2016	24918.78
					4/12/2017	15857.41
					4/12/2018	9769.3
					4/25/2018	49554.4
EWQal-5	829398.00	26720164.00	Qal/xMCf	1713.66	3/11/2014	8070.29
					3/31/2015	3398.02
					5/23/2016	12742.56
					4/12/2017	6088.11
					4/12/2018	59.47
					4/25/2018	48.14
EWQal-6	829534.92	26720045.84	Qal	1719.93	3/11/2014	121.76
					3/31/2015	161.41
					5/23/2016	736.24
					4/12/2017	594.65
					4/12/2018	0.07
					4/25/2018	0.09

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
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Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
EWQal-7	829667.75	26719987.03	Qal	1715.97	3/11/2014	16706.91
					3/31/2015	339.8
					5/23/2016	9627.71
					4/12/2017	12742.56
					4/25/2018	12176.22
EWQal-8	829805.06	26719919.88	Qal	1710.00	3/11/2014	12742.56
					3/31/2015	15291.07
					5/23/2016	368.12
					4/12/2017	33.98
					4/25/2018	28.03
EWQal-9	829930.75	26719855.57	Qal	1711.75	3/11/2014	9061.38
					3/31/2015	14724.74
					5/23/2016	5380.19
					4/12/2017	1982.18
					4/25/2018	62.3
EWQal-10	830061.40	26719794.09	Qal	1717.40	3/11/2014	53.8
					3/31/2015	9486.13
					5/23/2016	13592.06
					4/12/2017	14441.57
					4/25/2018	5804.94
EWQal-11	830207.23	26719717.99	Qal	1721.46	3/11/2014	5238.61
					3/31/2015	0.15
					5/23/2016	10760.38
					4/12/2017	8495.04
					4/25/2018	264.76
EWQal-12	830333.33	26719654.33	Qal	1721.59	3/11/2014	21.38
					3/31/2015	13.59
					5/23/2016	11.89
					4/12/2017	0.31
					4/25/2018	0.07
EWQal-13A	830471.22	26719586.76	Qal	1719.89	3/12/2014	79.29
					3/31/2015	6.8
					5/23/2016	8.5
					4/12/2017	5.52
					4/25/2018	0.01
EWQal-14	830587.48	26719514.59	Qal	1720.00	3/12/2014	39.64
					3/31/2015	18.97
					5/23/2016	11.33
					4/12/2017	7.65
					4/25/2018	8.5
EWQal-15	830682.55	26719431.47	Qal	1722.07	3/11/2014	0.34
					3/31/2015	0.23
					5/23/2016	107.6

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
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Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
EWQal-15	830682.55	26719431.47	Qal	1722.07	4/12/2017	113.27
					4/25/2018	39643.52
EWQal-16	830806.27	26719308.39	Qal/xMCf	1729.55	3/12/2014	33980.16
					3/31/2015	33980.16
					5/23/2016	31148.48
					4/12/2017	35396
					4/25/2018	33980.16
EWQal-17	830928.76	26719218.79	Qal/xMCf	1731.39	3/12/2014	33980.16
					3/31/2015	36811.84
					5/23/2016	33980.16
					4/12/2017	31148.48
					4/25/2018	27184.13
EWQal-18	831049.72	26719129.93	Qal/xMCf	1734.70	3/11/2014	31148.48
					3/31/2015	25485.12
					5/23/2016	31148.48
					4/12/2017	25201.95
					4/25/2018	26334.62
F3-27	819578.43	26718923.53	UMCf	1763.20	4/16/2014	5097.02
					4/27/2015	3964.35
					4/20/2016	5097.02
					5/4/2017	4530.69
					4/11/2018	5380.19
F3-90	819568.07	26718923.73	UMCf	1700.30	5/1/2014	5663.36
					4/27/2015	5804.94
					4/18/2016	5380.19
					5/4/2017	5097.02
					4/11/2018	5380.19
FX-25	820249.00	26721316.00	Qal/xMCf/UMCf	1722.30	4/23/2014	4813.86
					5/12/2015	4247.52
					4/18/2016	5097.02
					4/24/2017	3398.02
					4/17/2018	4247.52
FX-180	820259.00	26721316.00	UMCf	1567.70	4/23/2014	3114.85
					5/12/2015	3114.85
					4/18/2016	26.33
					4/24/2017	14.72
					4/17/2018	0.17
FX-415	820271.00	26721314.00	UMCf	1333.00	4/23/2014	0.37
					5/12/2015	5.38
					4/18/2016	3.11
					4/24/2017	0.2
					4/17/2018	5.95
H-11	826574.18	26714839.94	Qal/UMCf	1768.95	5/14/2014	4.81

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
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Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
H-11	826574.18	26714839.94	Qal/UMCf	1768.95	6/16/2014	9.34
					4/21/2015	7.65
					4/11/2016	22.94
					5/18/2016	14.72
					5/22/2018	70.79
H-28A	825871.29	26721021.64	Qal	1694.24	5/9/2014	73.62
					8/13/2014	48.14
					3/12/2015	31.15
					5/28/2015	327.06
					8/7/2015	2633.46
					5/27/2016	0.57
					8/11/2016	2.69
					5/10/2017	147.25
					8/16/2017	26.9
					5/14/2018	1472.47
8/16/2018	0.01					
H-48	825658.20	26723952.93	NA	1643.98	5/8/2014	0.01
					5/11/2016	2.69
					5/8/2017	18.41
					8/22/2017	184.06
					10/26/2017	172.73
H-49A	826110.29	26723485.40	Qal	1647.64	8/22/2017	107.6
					10/26/2017	17.27
H-49R	826517.55	26723484.52	Qal	1657.04	10/25/2017	0.24
H-55	823645.49	26720010.20	Qal	1714.56	6/20/2014	116098.88
					4/22/2015	396.44
					4/11/2016	15857.41
					4/11/2017	13592.06
					4/11/2018	14158.4
H-56A	825665.28	26723934.55	Qal	1638.68	6/29/2015	12176.22
					8/22/2017	13025.73
					10/26/2017	12176.22
H-56R	825845.28	26724009.15	Qal	1644.98	10/26/2017	11326.72
					5/11/2018	12176.22
H-58A	825642.54	26723331.95	Qal	1644.04	5/8/2014	9910.88
					5/26/2015	7645.54
					5/11/2016	8211.87
					5/8/2017	8778.21
					8/22/2017	8211.87
					10/26/2017	9061.38
H-58R	825282.32	26723131.96	Qal/UMCf	1664.82	10/27/2017	6512.86
					5/11/2018	7928.7
HMW-13	827711.60	26731739.56	Qal	1575.17	5/7/2014	36.81

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
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Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
HMW-13	827711.60	26731739.56	Qal	1575.17	5/7/2015	130257.28
					5/19/2016	877.82
					5/9/2018	249.19
HMW-14	827173.59	26731535.56	Qal	1574.80	5/7/2014	36811.84
					5/6/2015	237.86
					5/19/2016	22.94
					5/9/2018	9910.88
HMW-15	827608.51	26729900.79	Qal/UMCf	1594.24	5/7/2014	2548.51
					5/6/2015	186890.88
					5/19/2016	6229.7
					5/5/2017	150.08
					5/10/2018	31.15
HMW-16	827090.14	26728531.10	Qal	1606.48	5/7/2014	1614.06
					5/20/2015	453.07
					5/6/2016	0.03
					5/5/2017	2378.61
					5/10/2018	11.04
HMWWT1	836377.27	26724079.77	UMCf	1671.16	1/15/2018	1444.16
					3/28/2018	0.74
HMWWT6	837455.79	26722112.82	UMCf	1730.81	1/24/2018	453.07
					4/26/2018	67.96
I-AA	827173.97	26719770.92	UMCf	1717.27	2/4/2014	7928.7
					2/10/2014	11609.89
					5/5/2014	9061.38
					8/11/2014	6229.7
					12/1/2014	6796.03
					2/23/2015	6512.86
					5/4/2015	9344.54
					8/3/2015	19538.59
					11/3/2015	20104.93
					12/8/2015	21803.94
					1/19/2016	21803.94
					2/9/2016	19255.42
					3/11/2016	25201.95
					4/8/2016	22653.44
					5/3/2016	18405.92
					6/13/2016	19255.42
7/6/2016	42.48					
8/11/2016	39.64					
9/7/2016	2576.83					
10/10/2016	9061.38					
11/15/2016	424.75					
12/20/2016	7645.54					

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
Phase 6 Groundwater Flow and Transport Model
Nevada Environmental Response Trust Site
Henderson, Nevada

Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
I-AA	827173.97	26719770.92	UMCf	1717.27	1/18/2017	7079.2
					2/27/2017	4530.69
					3/22/2017	0.42
					4/11/2017	3.11
					5/10/2017	7362.37
					6/20/2017	6796.03
					7/18/2017	4247.52
					8/9/2017	3398.02
					9/13/2017	2208.71
					10/10/2017	5380.19
					11/8/2017	5097.02
					12/12/2017	5946.53
					1/23/2018	5663.36
					2/14/2018	5238.61
					3/14/2018	4530.69
					4/11/2018	4247.52
					5/17/2018	7079.2
					I-AB	827224.66
2/10/2014	62296.96					
5/5/2014	53801.92					
12/1/2014	31148.48					
2/23/2015	33980.16					
5/4/2015	36811.84					
8/3/2015	39643.52					
11/2/2015	36811.84					
12/8/2015	31148.48					
1/19/2016	31148.48					
2/9/2016	31148.48					
3/11/2016	23786.11					
5/3/2016	20104.93					
6/13/2016	20954.43					
7/12/2016	17839.58					
8/11/2016	26051.46					
9/7/2016	19821.76					
10/10/2016	23219.78					
11/17/2016	24352.45					

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
Phase 6 Groundwater Flow and Transport Model
Nevada Environmental Response Trust Site
Henderson, Nevada

Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
I-AB	827224.66	26719789.97	Qal/UMCf	1717.61	12/21/2016	15291.07
					1/18/2017	18122.75
					2/27/2017	11326.72
					3/22/2017	20954.43
					4/11/2017	20671.26
					5/10/2017	18122.75
					6/20/2017	17839.58
					7/18/2017	20388.1
					8/10/2017	19821.76
					9/13/2017	18689.09
					10/10/2017	20388.1
					11/8/2017	18972.26
					12/12/2017	13875.23
					3/14/2018	8495.04
					4/11/2018	18122.75
					5/17/2018	24635.62
					6/12/2018	12742.56
					I-AC	828790.46
2/7/2014	17839.58					
5/16/2014	21520.77					
12/2/2014	20954.43					
2/26/2015	19821.76					
5/29/2015	21237.6					
1/19/2016	18972.26					
2/10/2016	22653.44					
3/15/2016	19821.76					
4/8/2016	19538.59					
5/24/2016	18689.09					
6/8/2016	20388.1					
7/12/2016	17273.25					
8/22/2016	17273.25					
9/7/2016	19680.18					
10/4/2016	19538.59					
11/16/2016	15857.41					
12/22/2016	17273.25					
1/18/2017	18122.75					
2/16/2017	4530.69					

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
Phase 6 Groundwater Flow and Transport Model
Nevada Environmental Response Trust Site
Henderson, Nevada

Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
I-AC	828790.46	26719887.81	Qal/UMCf	1716.00	3/23/2017	3964.35
					4/5/2017	3964.35
					5/3/2017	4530.69
					6/14/2017	5097.02
					7/13/2017	5380.19
					8/8/2017	2237.03
					9/12/2017	1585.74
					10/10/2017	5663.36
					11/7/2017	5663.36
					12/12/2017	5663.36
					1/10/2018	6229.7
					2/8/2018	4530.69
					3/8/2018	5946.53
					4/10/2018	3398.02
					5/10/2018	4247.52
					6/7/2018	13875.23
					7/10/2018	12459.39
					8/22/2018	15857.41
9/18/2018	12176.22					
10/17/2018	13450.48					
11/14/2018	11609.89					
12/18/2018	11326.72					
I-AD	828804.89	26719793.31	Qal/UMCf	1717.75	1/30/2014	15007.9
					2/7/2014	12176.22
					5/13/2014	9910.88
					8/14/2014	12176.22
					12/2/2014	16423.74
					2/26/2015	13592.06
					5/29/2015	15857.41
					8/7/2015	11893.06
					11/10/2015	11043.55
					12/7/2015	764.55
					1/19/2016	750.4
					2/10/2016	849.5
					3/15/2016	1104.36
					4/8/2016	1019.4
					5/24/2016	877.82
					6/8/2016	877.82
					7/12/2016	792.87
					8/11/2016	764.55
9/7/2016	566.34					
10/4/2016	566.34					
11/16/2016	792.87					

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
Phase 6 Groundwater Flow and Transport Model
Nevada Environmental Response Trust Site
Henderson, Nevada

Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
I-AD	828804.89	26719793.31	Qal/UMCf	1717.75	12/21/2016	481.39
					1/18/2017	538.02
					2/16/2017	396.44
					3/23/2017	339.8
					4/5/2017	31148.48
					5/3/2017	339.8
					6/14/2017	6.51
					7/13/2017	13.45
					8/8/2017	622.97
					9/12/2017	566.34
					10/10/2017	339.8
					11/7/2017	53.8
					12/12/2017	235.03
					1/10/2018	339.8
					2/8/2018	566.34
					3/8/2018	594.65
					4/10/2018	1783.96
					5/10/2018	67.96
					6/7/2018	33980.16
					7/10/2018	28316.8
8/22/2018	24918.78					
9/18/2018	11043.55					
10/17/2018	482.8					
11/14/2018	13875.23					
12/18/2018	16140.58					
I-AR	827414.31	26719429.80	UMCf	1723.39	2/4/2014	17273.25
					5/5/2014	18405.92
					8/11/2014	20954.43
					12/1/2014	16140.58
					2/23/2015	16423.74
					5/4/2015	12176.22
					8/3/2015	15857.41
					11/6/2015	13025.73
					12/8/2015	13592.06
					1/19/2016	28316.8
					2/9/2016	27750.46
					3/11/2016	31148.48
					4/8/2016	36811.84
					5/3/2016	45306.88
					6/13/2016	33980.16
					7/6/2016	36811.84
8/11/2016	36811.84					
9/7/2016	33980.16					

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
Phase 6 Groundwater Flow and Transport Model
Nevada Environmental Response Trust Site
Henderson, Nevada

Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
I-AR	827414.31	26719429.80	UMCf	1723.39	10/10/2016	28316.8
					11/15/2016	25768.29
					12/20/2016	31148.48
					1/18/2017	17839.58
					2/27/2017	24069.28
					3/22/2017	22936.61
					4/11/2017	19821.76
					5/10/2017	17839.58
					6/19/2017	13875.23
					7/18/2017	76455.36
					8/8/2017	67960.32
					9/13/2017	59465.28
					10/10/2017	62296.96
					11/8/2017	65128.64
					12/12/2017	53801.92
					1/23/2018	53801.92
					2/14/2018	59465.28
					3/14/2018	53801.92
					4/11/2018	48138.56
					5/17/2018	42475.2
6/7/2018	48138.56					
7/10/2018	31148.48					
8/22/2018	36811.84					
9/13/2018	31148.48					
10/16/2018	28316.8					
11/14/2018	13308.9					
12/17/2018	8211.87					
I-B	827282.89	26719808.15	Qal/xMCf/UMCf	1721.92	2/4/2014	7079.2
					5/5/2014	6512.86
					8/11/2014	7079.2
					12/1/2014	7362.37
					2/23/2015	8919.79
					5/4/2015	8778.21
					8/3/2015	9627.71
					11/2/2015	9627.71
					12/8/2015	8495.04
					1/19/2016	6229.7
					2/9/2016	7079.2
					3/11/2016	8778.21
					4/8/2016	8495.04
					5/3/2016	8778.21
6/13/2016	7645.54					
7/6/2016	6512.86					

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
Phase 6 Groundwater Flow and Transport Model
Nevada Environmental Response Trust Site
Henderson, Nevada

Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
I-B	827282.89	26719808.15	Qal/xMCf/UMCf	1721.92	8/11/2016	5380.19
					9/7/2016	4813.86
					10/10/2016	4813.86
					11/15/2016	4813.86
					12/20/2016	5663.36
					1/18/2017	5097.02
					2/27/2017	4813.86
					3/22/2017	5946.53
					4/11/2017	5380.19
					5/10/2017	4530.69
					6/20/2017	4813.86
					7/18/2017	7079.2
					8/9/2017	5097.02
					9/13/2017	7645.54
					10/10/2017	7362.37
					11/8/2017	6229.7
					12/12/2017	20388.1
					1/23/2018	13875.23
					2/14/2018	11893.06
					3/14/2018	9910.88
4/11/2018	10194.05					
5/17/2018	9344.54					
6/12/2018	8778.21					
7/10/2018	8495.04					
8/21/2018	6796.03					
9/12/2018	5380.19					
10/16/2018	5946.53					
11/15/2018	7079.2					
12/17/2018	5097.02					
I-C	827486.24	26719792.31	UMCf	1722.01	2/4/2014	6512.86
					5/5/2014	4247.52
					8/11/2014	4530.69
					12/1/2014	424.75
					2/23/2015	396.44
					5/4/2015	311.48
					8/3/2015	453.07
					11/5/2015	453.07
					12/8/2015	339.8
					1/19/2016	339.8
					2/9/2016	99.11
					3/11/2016	93.45
4/5/2016	201.05					
5/3/2016	130.26					

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
Phase 6 Groundwater Flow and Transport Model
Nevada Environmental Response Trust Site
Henderson, Nevada

Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
I-C	827486.24	26719792.31	UMCf	1722.01	6/13/2016	16423.74
					7/6/2016	15007.9
					8/11/2016	15857.41
					9/7/2016	18689.09
					10/10/2016	20954.43
					11/15/2016	20104.93
					12/20/2016	21237.6
					1/18/2017	22936.61
					2/27/2017	22370.27
					3/22/2017	20954.43
					4/11/2017	21520.77
					5/9/2017	24352.45
					6/20/2017	22370.27
					7/19/2017	26334.62
					8/9/2017	25201.95
					9/13/2017	24635.62
					10/10/2017	42475.2
					11/8/2017	26617.79
					12/13/2017	28316.8
					1/23/2018	26617.79
					2/13/2018	33555.41
					3/14/2018	31148.48
					4/11/2018	26617.79
					5/17/2018	33980.16
6/12/2018	36811.84					
7/11/2018	33980.16					
8/21/2018	33980.16					
9/12/2018	39643.52					
10/11/2018	36811.84					
11/15/2018	39643.52					
12/17/2018	33980.16					
I-D	827581.85	26719806.35	Qal/xMCf/UMCf	1719.38	2/3/2014	33980.16
					5/5/2014	27184.13
					8/11/2014	27184.13
					12/1/2014	45306.88
					2/23/2015	31148.48
					5/4/2015	32564.32
					8/3/2015	33980.16
					11/2/2015	33980.16
					12/8/2015	36811.84
					1/19/2016	33980.16
					2/9/2016	31148.48
3/11/2016	31148.48					

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
Phase 6 Groundwater Flow and Transport Model
Nevada Environmental Response Trust Site
Henderson, Nevada

Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
I-D	827581.85	26719806.35	Qal/xMCf/UMCf	1719.38	4/5/2016	36811.84
					5/3/2016	33980.16
					6/13/2016	36811.84
					7/12/2016	33980.16
					8/11/2016	31148.48
					9/7/2016	6796.03
					10/10/2016	4530.69
					11/15/2016	12459.39
					12/20/2016	12742.56
					1/18/2017	12742.56
					2/27/2017	13592.06
					3/22/2017	16282.16
					4/11/2017	15291.07
					5/9/2017	13308.9
					6/20/2017	18405.92
					7/19/2017	15857.41
					8/9/2017	13308.9
					9/14/2017	14441.57
					10/10/2017	18972.26
					11/8/2017	17556.42
					12/13/2017	19255.42
					1/23/2018	15574.24
					2/13/2018	13592.06
					3/13/2018	3681.18
4/11/2018	3398.02					
5/17/2018	3681.18					
6/12/2018	4247.52					
7/11/2018	4955.44					
8/21/2018	4247.52					
9/12/2018	3681.18					
10/11/2018	4530.69					
11/15/2018	5380.19					
12/17/2018	3398.02					
I-E	827733.17	26719826.67	UMCf	1720.87	2/3/2014	3398.02
					5/5/2014	5097.02
					8/11/2014	4247.52
					12/1/2014	5097.02
					2/23/2015	5097.02
					5/4/2015	5380.19
					8/3/2015	1274.26
					11/2/2015	1076.04
					12/8/2015	1359.21
1/19/2016	1217.62					

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
Phase 6 Groundwater Flow and Transport Model
Nevada Environmental Response Trust Site
Henderson, Nevada

Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
I-E	827733.17	26719826.67	UMCf	1720.87	2/9/2016	1359.21
					3/11/2016	1444.16
					4/5/2016	2718.41
					5/3/2016	3681.18
					6/13/2016	3681.18
					7/12/2016	2321.98
					8/11/2016	2520.2
					9/7/2016	2520.2
					10/10/2016	4813.86
					11/15/2016	5097.02
					12/20/2016	6229.7
					1/18/2017	5097.02
					2/27/2017	5097.02
					3/22/2017	14441.57
					4/6/2017	13025.73
					5/9/2017	16140.58
					6/20/2017	17839.58
					7/19/2017	20246.51
					8/9/2017	17273.25
					9/14/2017	16140.58
					10/11/2017	15574.24
					11/8/2017	13875.23
					12/13/2017	12176.22
					1/23/2018	11043.55
2/13/2018	12459.39					
3/13/2018	7645.54					
4/11/2018	8778.21					
5/17/2018	8495.04					
6/12/2018	7645.54					
7/11/2018	679.6					
8/21/2018	736.24					
9/12/2018	821.19					
10/11/2018	665.44					
11/15/2018	679.6					
12/17/2018	523.86					
I-F	827879.59	26719845.82	Qal/xMCf/UMCf	1719.07	2/3/2014	538.02
					5/5/2014	424.75
					8/11/2014	424.75
					12/1/2014	382.28
					2/23/2015	368.12
					5/4/2015	5663.36
					8/3/2015	5946.53
11/2/2015	7645.54					

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
Phase 6 Groundwater Flow and Transport Model
Nevada Environmental Response Trust Site
Henderson, Nevada

Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
I-F	827879.59	26719845.82	Qal/xMCf/UMCf	1719.07	12/8/2015	10194.05
					1/19/2016	10194.05
					2/9/2016	12176.22
					3/11/2016	8778.21
					4/5/2016	12176.22
					5/2/2016	11893.06
					6/13/2016	10194.05
					7/6/2016	12459.39
					8/11/2016	15857.41
					9/7/2016	19538.59
					10/10/2016	14158.4
					11/15/2016	10477.22
					12/20/2016	18972.26
					1/18/2017	18405.92
					2/27/2017	17839.58
					3/22/2017	18122.75
					4/6/2017	17556.42
					5/4/2017	17273.25
					6/20/2017	15574.24
					7/19/2017	15291.07
					8/9/2017	15574.24
					9/13/2017	17981.17
					10/11/2017	16140.58
					11/8/2017	15291.07
					12/13/2017	18972.26
					1/23/2018	16140.58
2/13/2018	11609.89					
3/13/2018	14724.74					
4/18/2018	18689.09					
5/17/2018	13592.06					
6/12/2018	15857.41					
7/11/2018	14441.57					
8/21/2018	13592.06					
9/12/2018	13308.9					
10/11/2018	12742.56					
11/15/2018	8966.99					
12/17/2018	11043.55					
I-G	828030.23	26719866.97	Qal/xMCf/UMCf	1725.19	2/3/2014	13120.12
					5/5/2014	13875.23
					8/11/2014	14866.32
					12/1/2014	16612.52
					2/23/2015	16706.91
					5/4/2015	18500.31

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
Phase 6 Groundwater Flow and Transport Model
Nevada Environmental Response Trust Site
Henderson, Nevada

Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
I-G	828030.23	26719866.97	Qal/xMCf/UMCf	1725.19	8/3/2015	20104.93
					11/2/2015	21237.6
					12/7/2015	21992.71
					1/19/2016	24918.78
					2/9/2016	23219.78
					3/11/2016	28316.8
					4/5/2016	31148.48
					5/2/2016	25768.29
					6/13/2016	438.91
					7/12/2016	53.8
					8/11/2016	70.79
					9/7/2016	86.37
					10/10/2016	90.61
					11/15/2016	76.46
					12/20/2016	55.22
					1/17/2017	127.43
					2/27/2017	76.46
					3/22/2017	150.08
					4/6/2017	9627.71
					5/4/2017	7928.7
					6/19/2017	9910.88
					7/19/2017	10194.05
					8/10/2017	9627.71
					9/14/2017	8778.21
					10/11/2017	8211.87
					11/9/2017	8495.04
					12/13/2017	7928.7
					1/23/2018	6512.86
2/13/2018	2010.49					
3/13/2018	3681.18					
4/18/2018	3964.35					
5/17/2018	4530.69					
6/13/2018	3964.35					
7/11/2018	5097.02					
8/21/2018	2491.88					
9/13/2018	2265.34					
10/11/2018	2690.1					
11/20/2018	2775.05					
12/17/2018	2.38					
I-H	828177.51	26719887.57	UMCf	1722.47	2/3/2014	1.42
					5/5/2014	396.44
					8/11/2014	566.34
					12/1/2014	481.39

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
Phase 6 Groundwater Flow and Transport Model
Nevada Environmental Response Trust Site
Henderson, Nevada

Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
I-H	828177.51	26719887.57	UMCf	1722.47	2/23/2015	481.39
					5/4/2015	311.48
					8/3/2015	0.01
					11/2/2015	0.01
					12/7/2015	0.01
					1/19/2016	0.04
					2/9/2016	0.14
					3/11/2016	48.14
					4/5/2016	2.24
					5/2/2016	1.05
					6/13/2016	0.42
					7/6/2016	0.68
					8/11/2016	42.48
					9/7/2016	0.18
					10/10/2016	45.31
					11/15/2016	0.71
					12/20/2016	203.88
					1/17/2017	201.05
					2/27/2017	0.71
					3/22/2017	1.42
					4/6/2017	67.96
					5/4/2017	21.8
					6/19/2017	1.64
					7/19/2017	18.69
					8/10/2017	0.07
					9/14/2017	339.8
					10/11/2017	509.7
					11/9/2017	424.75
					12/13/2017	453.07
					1/23/2018	566.34
2/13/2018	0.08					
3/13/2018	0.02					
4/18/2018	0.03					
5/17/2018	0.03					
6/13/2018	0.14					
7/11/2018	0.01					
8/21/2018	0.01					
9/13/2018	0.02					
10/11/2018	0.01					
11/20/2018	0.14					
12/17/2018	4.68					
I-I	828374.98	26719914.61	Qal/xMCf/UMCf	1717.12	2/7/2014	14.44
					5/13/2014	7.31

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
Phase 6 Groundwater Flow and Transport Model
Nevada Environmental Response Trust Site
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Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
I-I	828374.98	26719914.61	Qal/xMCf/UMCf	1717.12	8/14/2014	0.07
					12/2/2014	0.17
					2/26/2015	18.97
					5/29/2015	2.18
					8/7/2015	0.34
					11/6/2015	2.24
					12/8/2015	0.04
					1/19/2016	0.07
					2/10/2016	4.53
					3/15/2016	140.17
					4/8/2016	138.75
					5/24/2016	92.03
					6/8/2016	89.2
					7/12/2016	77.87
					8/11/2016	70.79
					9/7/2016	15.29
					10/4/2016	15.86
					11/16/2016	0.99
					12/21/2016	11.33
					1/18/2017	26.33
					2/16/2017	0.68
					3/23/2017	1.35
					4/5/2017	0.68
					5/3/2017	1.35
					6/14/2017	7362.37
					7/13/2017	9627.71
					8/8/2017	622.97
					9/12/2017	594.65
					10/10/2017	339.8
					11/7/2017	212.38
12/12/2017	203.88					
1/10/2018	184.06					
2/8/2018	39.64					
3/8/2018	79.29					
4/10/2018	56.63					
5/10/2018	8211.87					
6/7/2018	7645.54					
7/10/2018	27.75					
8/22/2018	21.8					
9/18/2018	0.88					
10/17/2018	0.71					
11/14/2018	17.56					
12/18/2018	65.13					

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
Phase 6 Groundwater Flow and Transport Model
Nevada Environmental Response Trust Site
Henderson, Nevada

Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
I-J	828573.72	26719940.22	Qal/xMCf/UMCf	1721.10	2/7/2014	101.94
					5/13/2014	0.07
					8/14/2014	67.96
					12/2/2014	33.98
					2/27/2015	368.12
					5/29/2015	736.24
					8/7/2015	792.87
					11/6/2015	538.02
					12/7/2015	566.34
					1/19/2016	679.6
					2/10/2016	99.11
					3/15/2016	31.15
					4/8/2016	70.79
					5/24/2016	12.46
					6/8/2016	0.42
					7/12/2016	0.03
					8/11/2016	0.08
					9/13/2016	0.01
					10/4/2016	0.01
					11/16/2016	277.5
					12/21/2016	424.75
					1/18/2017	509.7
					2/16/2017	707.92
					3/23/2017	991.09
					4/5/2017	0.02
					5/3/2017	0.03
					6/14/2017	0.01
					7/13/2017	0.03
					8/8/2017	0.21
					9/12/2017	0.01
10/10/2017	0.01					
11/7/2017	0.01					
12/12/2017	0.01					
1/10/2018	6.8					
2/8/2018	209.54					
3/8/2018	3114.85					
4/10/2018	3398.02					
5/10/2018	6.8					
6/7/2018	189.72					
7/10/2018	0.01					
8/22/2018	0.01					
9/18/2018	0.01					
10/17/2018	0.01					

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
Phase 6 Groundwater Flow and Transport Model
Nevada Environmental Response Trust Site
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Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
I-J	828573.72	26719940.22	Qal/xMCf/UMCf	1721.10	11/14/2018	13.45
					12/18/2018	6.8
I-K	828737.55	26719962.98	UMCf	1723.85	2/7/2014	0.01
					5/13/2014	22.14
					8/14/2014	26.99
					12/2/2014	32.56
					2/26/2015	0.01
					5/29/2015	1.89
					8/7/2015	1.79
					11/6/2015	2.17
					12/7/2015	1.35
					1/19/2016	1.35
					2/10/2016	18.41
					3/15/2016	1.35
					4/8/2016	1.35
					5/24/2016	0.68
					6/8/2016	807.03
					7/12/2016	76.46
					8/11/2016	79.29
					9/7/2016	73.62
					10/4/2016	87.78
					11/16/2016	158.57
					12/21/2016	177.45
					1/18/2017	0.68
					2/16/2017	1.35
					3/23/2017	0.13
					4/5/2017	0.07
					5/3/2017	1.95
					6/14/2017	0.01
					7/13/2017	0.01
8/8/2017	3.68					
9/12/2017	143.28					
10/10/2017	118.93					
11/7/2017	0.68					
12/12/2017	0.68					
1/10/2018	0.68					
2/8/2018	0.68					
3/8/2018	237.86					
4/10/2018	265.05					
5/10/2018	277.5					
6/7/2018	252.02					
7/10/2018	1.35					
8/22/2018	0.68					

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
Phase 6 Groundwater Flow and Transport Model
Nevada Environmental Response Trust Site
Henderson, Nevada

Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
I-K	828737.55	26719962.98	UMCf	1723.85	9/18/2018	23.5
					10/17/2018	79.29
					11/14/2018	0.68
					12/18/2018	0.68
I-L	827352.20	26719803.12	Qal/xMCf/UMCf	1725.37	2/4/2014	0.01
					5/5/2014	0.11
					8/11/2014	0.11
					12/1/2014	1.35
					2/23/2015	0.01
					5/4/2015	0.01
					8/3/2015	0
					11/2/2015	65.13
					12/8/2015	164.24
					1/19/2016	339.8
					2/9/2016	622.97
					3/11/2016	1019.4
					4/8/2016	0.01
					5/3/2016	0.02
					6/13/2016	0.07
					7/6/2016	0.02
					8/11/2016	0.02
					9/7/2016	0.12
					10/10/2016	0.01
					11/15/2016	0.01
					12/20/2016	0.01
					1/18/2017	0.07
					2/27/2017	59.47
					3/22/2017	53.8
					4/11/2017	50.97
					5/9/2017	6.51
					6/20/2017	4.25
					7/18/2017	15.29
8/9/2017	20.1					
9/13/2017	17.84					
10/10/2017	2.58					
11/8/2017	2.07					
12/12/2017	2.24					
1/23/2018	2.15					
2/14/2018	5.1					
3/14/2018	250.6					
4/11/2018	246.36					
5/17/2018	191.14					
6/12/2018	87.78					

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
Phase 6 Groundwater Flow and Transport Model
Nevada Environmental Response Trust Site
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Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
I-L	827352.20	26719803.12	Qal/xMCf/UMCf	1725.37	7/10/2018	243.52
					8/21/2018	0.4
					9/12/2018	0.57
					10/16/2018	0.54
					11/15/2018	0.03
					12/17/2018	0.21
I-M	827669.53	26719817.15	Qal/xMCf/UMCf	1725.51	2/3/2014	0.28
					5/5/2014	0.37
					8/11/2014	0.57
					12/1/2014	0.68
					2/23/2015	0.96
					5/4/2015	1.13
					8/3/2015	67.96
					11/2/2015	56.63
					12/8/2015	107.6
					1/19/2016	107.6
					2/9/2016	90.61
					3/11/2016	0.71
					4/5/2016	20.1
					5/3/2016	15.29
					6/13/2016	16.14
					7/12/2016	36.81
					8/11/2016	18.41
					9/7/2016	0.45
					10/10/2016	198.22
					11/15/2016	0.1
					12/20/2016	0.11
					1/18/2017	0.16
					2/27/2017	0.88
					3/22/2017	4.53
					4/11/2017	4.53
					5/9/2017	2.01
					6/20/2017	1.73
					7/19/2017	104.77
8/9/2017	5.95					
9/14/2017	0.13					
10/10/2017	0.19					
11/8/2017	0.28					
12/13/2017	0.34					
1/23/2018	6.51					
2/13/2018	3.96					
3/13/2018	4.25					
4/11/2018	5.1					

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
Phase 6 Groundwater Flow and Transport Model
Nevada Environmental Response Trust Site
Henderson, Nevada

Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
I-M	827669.53	26719817.15	Qal/xMCf/UMCf	1725.51	5/17/2018	5.66
					6/12/2018	36.81
					7/11/2018	25.2
					8/21/2018	22.37
					9/12/2018	22.09
					10/11/2018	18.97
					11/15/2018	271.84
					12/17/2018	266.18
I-N	827802.31	26719837.99	Qal/xMCf/UMCf	1726.00	2/3/2014	260.51
					5/5/2014	232.2
					8/11/2014	208.04
					12/1/2014	792.87
					2/23/2015	651.29
					5/4/2015	707.92
					8/3/2015	651.29
					11/2/2015	594.65
					12/8/2015	622.97
					1/19/2016	622.97
					2/9/2016	849.5
					3/11/2016	849.5
					4/5/2016	736.24
					5/3/2016	1231.78
					6/13/2016	1684.85
					7/12/2016	1713.17
					8/11/2016	1104.36
					9/7/2016	1668.33
					10/10/2016	1.25
					11/15/2016	3.96
					12/20/2016	1.08
					1/18/2017	3.96
					2/27/2017	1.81
					3/22/2017	339.8
4/6/2017	594.65					
5/9/2017	339.8					
6/20/2017	138.75					
7/19/2017	79.06					
8/9/2017	1245.94					
9/14/2017	651.29					
10/11/2017	509.7					
11/8/2017	472.89					
12/13/2017	453.07					
1/23/2018	14441.57					
2/13/2018	12176.22					

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
Phase 6 Groundwater Flow and Transport Model
Nevada Environmental Response Trust Site
Henderson, Nevada

Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
I-N	827802.31	26719837.99	Qal/xMCf/UMCf	1726.00	3/13/2018	16140.58
					4/18/2018	15007.9
					5/17/2018	12090.68
					6/12/2018	4530.69
					7/11/2018	4530.69
					8/21/2018	1.64
					9/12/2018	1.08
					10/11/2018	1.39
					11/15/2018	1.25
					12/17/2018	0.93
I-O	828262.98	26719898.32	Qal/xMCf/UMCf	1726.15	2/3/2014	1132.67
					5/5/2014	1019.4
					8/11/2014	962.77
					12/1/2014	1104.36
					2/23/2015	991.09
					5/4/2015	5.1
					8/3/2015	4.25
					11/2/2015	4.25
					12/7/2015	3.96
					1/19/2016	3.4
					2/9/2016	73.62
					3/11/2016	73.62
					4/5/2016	70.79
					5/2/2016	50.97
					6/13/2016	42.48
					7/6/2016	8.21
					8/11/2016	14.72
					9/7/2016	27.47
					10/10/2016	48.14
					11/15/2016	78.72
					12/20/2016	5097.02
					1/17/2017	4955.44
					2/27/2017	6135.31
					3/22/2017	3766.13
4/6/2017	3067.65					
5/4/2017	1721.66					
6/19/2017	1076.04					
7/19/2017	792.87					
8/10/2017	1085.48					
9/14/2017	849.5					
10/11/2017	981.65					
11/9/2017	1160.99					
12/13/2017	4389.1					

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
Phase 6 Groundwater Flow and Transport Model
Nevada Environmental Response Trust Site
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Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
I-O	828262.98	26719898.32	Qal/xMCf/UMCf	1726.15	1/23/2018	2350.29
					2/13/2018	1217.62
					3/13/2018	1472.47
					4/18/2018	707.92
					5/17/2018	764.55
					6/13/2018	764.55
					7/11/2018	717.36
					8/21/2018	849.5
					9/13/2018	866.49
					10/11/2018	771.63
					11/20/2018	662.61
				12/17/2018	582.52	
I-P	828221.61	26719892.08	Qal/xMCf/UMCf	1719.14	2/3/2014	547.46
					5/5/2014	778.71
					8/11/2014	679.6
					12/1/2014	863.66
					2/23/2015	849.5
					5/4/2015	863.66
					8/3/2015	1076.04
					11/2/2015	1571.58
					12/7/2015	1996.33
					1/19/2016	1953.86
					2/9/2016	1316.73
					3/11/2016	1415.84
					4/5/2016	396.44
					5/2/2016	566.34
					6/13/2016	906.14
					7/6/2016	821.19
					8/11/2016	817.12
					9/7/2016	42.48
					10/10/2016	31.15
					11/15/2016	42.48
					12/20/2016	31.15
1/17/2017	28.32					
2/27/2017	6.8					
3/22/2017	3.96					
4/6/2017	3.11					
5/4/2017	3.11					
6/19/2017	3.95					
7/19/2017	5.1					
8/10/2017	4.81					
9/14/2017	5.66					
10/11/2017	5.1					

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
Phase 6 Groundwater Flow and Transport Model
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Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
I-P	828221.61	26719892.08	Qal/xMCf/UMCf	1719.14	11/9/2017	5.34
					12/13/2017	5.95
					1/23/2018	6.51
					2/13/2018	5.95
					3/13/2018	5.66
					4/18/2018	5.66
					5/17/2018	65.13
					6/13/2018	67.96
					7/11/2018	87.78
					8/21/2018	99.11
					9/13/2018	76.46
					10/11/2018	101.94
					11/20/2018	24.92
12/17/2018	21.24					
I-Q	827952.21	26719855.30	Qal/xMCf/UMCf	1726.12	2/3/2014	18.41
					5/5/2014	13.31
					8/11/2014	24.07
					12/1/2014	20.67
					2/23/2015	16.42
					5/4/2015	16.42
					8/3/2015	17.27
					11/18/2015	39.64
					12/7/2015	28.32
					1/19/2016	23.5
					2/9/2016	24.64
					3/11/2016	20.95
					4/5/2016	23.5
					5/2/2016	20.1
					6/13/2016	20.39
					7/6/2016	20.39
					8/11/2016	16.14
					9/7/2016	364.34
					10/10/2016	1276.14
					11/15/2016	1463.03
12/20/2016	3303.63					
1/17/2017	3492.41					
2/27/2017	3320.14					
3/22/2017	2161.52					
4/6/2017	2473					
5/4/2017	311.48					
6/19/2017	284.11					
7/19/2017	471.95					
8/10/2017	722.08					

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
Phase 6 Groundwater Flow and Transport Model
Nevada Environmental Response Trust Site
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Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
I-Q	827952.21	26719855.30	Qal/xMCf/UMCf	1726.12	9/14/2017	792.87
					10/11/2017	1444.16
					11/9/2017	1132.67
					12/13/2017	1274.26
					1/23/2018	462.51
					2/13/2018	538.02
					3/13/2018	594.65
					4/18/2018	509.7
					5/17/2018	641.85
					6/13/2018	615.89
					7/11/2018	556.9
					8/21/2018	613.53
					9/13/2018	764.55
10/11/2018	547.46					
11/20/2018	566.34					
12/17/2018	736.24					
I-R	827315.52	26719801.64	Qal/xMCf/UMCf	1722.08	2/4/2014	243.52
					5/5/2014	311.48
					8/11/2014	283.17
					12/1/2014	0.85
					2/23/2015	1585.74
					5/4/2015	1699.01
					8/3/2015	1571.58
					11/2/2015	1684.85
					12/8/2015	1543.27
					1/19/2016	0.21
					2/9/2016	0.01
					3/11/2016	0.01
					4/8/2016	0.02
					5/3/2016	0.02
					6/13/2016	31.15
					7/6/2016	39.64
					8/11/2016	36.81
					9/7/2016	19.82
					10/10/2016	20.67
					11/15/2016	594.65
12/20/2016	594.65					
1/18/2017	622.97					
2/27/2017	637.13					
3/22/2017	594.65					
4/11/2017	585.21					
5/10/2017	632.41					
6/20/2017	679.6					

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
Phase 6 Groundwater Flow and Transport Model
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Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
I-R	827315.52	26719801.64	Qal/xMCf/UMCf	1722.08	7/18/2017	707.92
					8/9/2017	575.77
					9/13/2017	566.34
					10/10/2017	665.44
					11/8/2017	481.39
					12/12/2017	651.29
					1/23/2018	538.02
					2/14/2018	509.7
					3/14/2018	6229.7
					4/11/2018	6796.03
					5/17/2018	6796.03
					6/12/2018	5663.36
					7/10/2018	7645.54
					8/21/2018	7362.37
9/12/2018	6512.86					
10/16/2018	8211.87					
11/15/2018	7362.37					
12/17/2018	7079.2					
I-S	827403.53	26719800.34	Qal/xMCf/UMCf	1720.61	2/4/2014	6512.86
					5/5/2014	6796.03
					8/11/2014	5380.19
					12/1/2014	7362.37
					2/23/2015	5663.36
					5/4/2015	5946.53
					8/3/2015	232.2
					11/2/2015	249.19
					12/8/2015	266.18
					1/19/2016	252.02
					2/9/2016	283.17
					3/11/2016	261.93
					4/5/2016	220.87
					5/3/2016	263.35
					6/13/2016	218.04
					7/6/2016	206.71
					8/11/2016	201.05
					9/7/2016	215.21
					10/10/2016	191.14
					11/15/2016	215.21
12/20/2016	171.32					
1/18/2017	172.73					
2/27/2017	243.52					
3/22/2017	260.51					
4/11/2017	283.17					

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
Phase 6 Groundwater Flow and Transport Model
Nevada Environmental Response Trust Site
Henderson, Nevada

Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
I-S	827403.53	26719800.34	Qal/xMCf/UMCf	1720.61	5/9/2017	271.84
					6/20/2017	195.39
					7/19/2017	155.74
					8/9/2017	116.1
					9/13/2017	209.54
					10/10/2017	99.11
					11/8/2017	101.94
					12/12/2017	181.23
					1/23/2018	311.48
					2/14/2018	229.37
					3/14/2018	226.53
					4/11/2018	240.69
					5/17/2018	184.06
					6/12/2018	538.02
					7/10/2018	538.02
8/21/2018	594.65					
9/12/2018	538.02					
10/16/2018	736.24					
11/15/2018	651.29					
12/17/2018	707.92					
I-T	828074.17	26719871.41	Qal/xMCf/UMCf	1721.73	2/3/2014	764.55
					5/5/2014	849.5
					8/11/2014	679.6
					12/1/2014	594.65
					2/23/2015	934.45
					5/4/2015	792.87
					8/3/2015	962.77
					11/5/2015	707.92
					12/7/2015	679.6
					1/19/2016	6796.03
					2/9/2016	6796.03
					3/11/2016	6229.7
					4/5/2016	6229.7
					5/2/2016	7362.37
					6/13/2016	6654.45
					7/6/2016	6512.86
					8/11/2016	7645.54
					9/7/2016	7079.2
10/10/2016	6796.03					
11/15/2016	5946.53					
12/20/2016	6512.86					
1/17/2017	6088.11					
2/27/2017	7928.7					

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
Phase 6 Groundwater Flow and Transport Model
Nevada Environmental Response Trust Site
Henderson, Nevada

Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
I-T	828074.17	26719871.41	Qal/xMCf/UMCf	1721.73	3/22/2017	5380.19
					4/6/2017	5380.19
					5/4/2017	7079.2
					6/19/2017	7362.37
					7/19/2017	7645.54
					8/10/2017	7079.2
					9/14/2017	7928.7
					10/11/2017	7928.7
					11/9/2017	6796.03
					12/13/2017	7928.7
					1/23/2018	5946.53
					2/13/2018	6796.03
					3/13/2018	5663.36
					4/18/2018	6512.86
					5/17/2018	5663.36
					6/13/2018	6229.7
					7/11/2018	4247.52
					8/21/2018	3681.18
9/13/2018	8495.04					
10/11/2018	9061.38					
11/20/2018	8495.04					
12/17/2018	8211.87					
I-U	828117.88	26719880.91	Qal/xMCf/UMCf	1722.49	2/3/2014	8778.21
					5/5/2014	8211.87
					8/11/2014	7645.54
					12/1/2014	8778.21
					2/23/2015	10194.05
					5/4/2015	7645.54
					8/3/2015	7645.54
					11/2/2015	9627.71
					12/7/2015	7362.37
					1/19/2016	9061.38
					2/9/2016	7362.37
					3/11/2016	8211.87
					4/5/2016	10477.22
					5/2/2016	9769.3
					6/13/2016	9627.71
					7/6/2016	9627.71
					8/11/2016	11609.89
					9/7/2016	10052.46
10/10/2016	9627.71					
11/15/2016	11326.72					
12/20/2016	11043.55					

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
Phase 6 Groundwater Flow and Transport Model
Nevada Environmental Response Trust Site
Henderson, Nevada

Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
I-U	828117.88	26719880.91	Qal/xMCf/UMCf	1722.49	1/17/2017	10194.05
					2/27/2017	8778.21
					3/22/2017	11609.89
					4/6/2017	8778.21
					5/4/2017	9910.88
					6/19/2017	10901.97
					7/19/2017	9344.54
					8/10/2017	87.78
					9/14/2017	73.62
					10/11/2017	67.96
					11/9/2017	70.79
					12/13/2017	73.62
					1/23/2018	59.47
					2/13/2018	50.97
					3/13/2018	50.97
					4/18/2018	42.48
					5/17/2018	36.81
					6/13/2018	33.98
					7/11/2018	26.33
					8/21/2018	11.33
9/13/2018	14.44					
10/11/2018	8.21					
11/20/2018	5.1					
12/17/2018	17.84					
I-V	828326.14	26719895.44	Qal/xMCf/UMCf	1723.04	2/7/2014	19.26
					5/13/2014	12.46
					8/14/2014	9.91
					12/2/2014	5.66
					2/26/2015	2.83
					5/29/2015	5.38
					8/7/2015	4.53
					11/6/2015	2.18
					12/7/2015	1.19
					1/19/2016	0.62
					2/10/2016	0.01
					3/15/2016	189.72
					4/8/2016	0.1
					5/24/2016	0.01
					6/8/2016	339.8
					7/12/2016	152.91
8/11/2016	0.57					
9/7/2016	0.96					
10/11/2016	0.85					

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
Phase 6 Groundwater Flow and Transport Model
Nevada Environmental Response Trust Site
Henderson, Nevada

Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
I-V	828326.14	26719895.44	Qal/xMCf/UMCf	1723.04	11/16/2016	0.03
					12/21/2016	0.01
					1/18/2017	0.01
					2/16/2017	0.01
					3/23/2017	0.01
					4/5/2017	0.01
					5/3/2017	0.01
					6/14/2017	0.03
					7/13/2017	0.03
					8/8/2017	257.68
					9/12/2017	481.39
					10/10/2017	311.48
					11/7/2017	651.29
					12/12/2017	1982.18
					1/10/2018	2095.44
					2/8/2018	991.09
					3/8/2018	1614.06
					4/10/2018	424.75
					5/10/2018	141.58
					6/7/2018	87.78
7/10/2018	453.07					
8/22/2018	90.61					
9/18/2018	1245.94					
10/17/2018	1132.67					
11/14/2018	1274.26					
12/18/2018	2718.41					
I-W	828245.24	26719896.07	Qal/xMCf/UMCf	1713.33	2/7/2014	1982.18
					2/11/2014	3114.85
					5/5/2014	3398.02
					8/11/2014	5097.02
					12/1/2014	3114.85
					2/23/2015	3114.85
					5/4/2015	5946.53
					8/3/2015	1783.96
					11/16/2015	1670.69
					12/7/2015	3398.02
					1/19/2016	3398.02
					2/9/2016	3964.35
					3/11/2016	5380.19
					4/5/2016	3681.18
					5/2/2016	5380.19
6/13/2016	6.51					
7/6/2016	8.21					

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
Phase 6 Groundwater Flow and Transport Model
Nevada Environmental Response Trust Site
Henderson, Nevada

Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
I-W	828245.24	26719896.07	Qal/xMCf/UMCf	1713.33	8/11/2016	10.48
					9/7/2016	1.1
					10/10/2016	0.06
					11/15/2016	0.2
					12/21/2016	0.01
					1/17/2017	0.01
					2/27/2017	0.06
					3/22/2017	0.14
					4/6/2017	0.01
					5/4/2017	0.01
					6/19/2017	0.01
					7/19/2017	0.01
					8/10/2017	707.92
					9/14/2017	792.87
					10/11/2017	764.55
					11/9/2017	877.82
					12/13/2017	962.77
					1/23/2018	84.95
					2/13/2018	84.95
					3/13/2018	70.79
4/18/2018	934.45					
5/17/2018	1160.99					
6/13/2018	7928.7					
7/11/2018	6512.86					
8/21/2018	8211.87					
9/13/2018	6229.7					
10/11/2018	4530.69					
11/20/2018	368.12					
12/17/2018	566.34					
I-X	827839.66	26719843.31	Qal/xMCf/UMCf	1711.38	2/5/2014	1415.84
					2/10/2014	877.82
					5/5/2014	849.5
					8/11/2014	1359.21
					12/1/2014	2435.24
					2/23/2015	4530.69
					5/4/2015	6229.7
					8/3/2015	4247.52
					11/16/2015	2690.1
					12/8/2015	2010.49
					1/19/2016	1897.23
					2/9/2016	792.87
					3/11/2016	2661.78
4/5/2016	1160.99					

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
Phase 6 Groundwater Flow and Transport Model
Nevada Environmental Response Trust Site
Henderson, Nevada

Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
I-X	827839.66	26719843.31	Qal/xMCf/UMCf	1711.38	5/3/2016	792.87
					6/13/2016	707.92
					7/12/2016	764.55
					8/11/2016	849.5
					9/7/2016	934.45
					10/10/2016	934.45
					11/15/2016	821.19
					12/20/2016	622.97
					1/18/2017	736.24
					2/27/2017	622.97
					3/22/2017	651.29
					4/6/2017	849.5
					5/4/2017	651.29
					6/20/2017	736.24
					7/19/2017	424.75
					8/9/2017	424.75
					9/13/2017	509.7
					10/11/2017	396.44
					11/8/2017	538.02
					12/13/2017	509.7
					1/23/2018	509.7
					2/13/2018	368.12
					3/13/2018	368.12
					4/18/2018	538.02
5/17/2018	651.29					
6/12/2018	594.65					
7/11/2018	396.44					
8/21/2018	481.39					
9/12/2018	84.95					
10/11/2018	93.45					
11/15/2018	50.97					
12/17/2018	45.31					
I-Y	827333.81	26719800.97	Qal/xMCf/UMCf	1713.55	2/7/2014	1585.74
					2/10/2014	1557.42
					5/5/2014	1415.84
					8/11/2014	1472.47
					12/1/2014	2123.76
					2/23/2015	1585.74
					5/4/2015	1953.86
					8/3/2015	1415.84
					11/2/2015	1444.16
					12/8/2015	1076.04
1/19/2016	1245.94					

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
Phase 6 Groundwater Flow and Transport Model
Nevada Environmental Response Trust Site
Henderson, Nevada

Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
I-Y	827333.81	26719800.97	Qal/xMCf/UMCf	1713.55	2/9/2016	1160.99
					3/11/2016	1019.4
					4/8/2016	1217.62
					5/3/2016	1104.36
					6/13/2016	1160.99
					7/6/2016	1076.04
					8/11/2016	1047.72
					9/7/2016	76.46
					10/10/2016	141.58
					11/15/2016	141.58
					12/20/2016	118.93
					1/18/2017	135.92
					2/27/2017	181.23
					3/22/2017	229.37
					4/11/2017	237.86
					5/10/2017	1189.31
					6/20/2017	1472.47
					7/18/2017	1330.89
					8/9/2017	1359.21
					9/13/2017	991.09
					10/10/2017	1444.16
					11/8/2017	1755.64
					12/12/2017	1472.47
					1/23/2018	1585.74
2/14/2018	96.28					
3/14/2018	87.78					
4/11/2018	90.61					
5/17/2018	84.95					
6/12/2018	84.95					
7/10/2018	73.62					
8/21/2018	75.04					
9/12/2018	70.79					
10/16/2018	92.03					
11/15/2018	93.45					
12/17/2018	82.12					
I-Z	828467.74	26719922.96	Qal/xMCf/UMCf	1715.78	2/7/2014	90.61
					5/13/2014	84.95
					8/14/2014	82.12
					12/2/2014	70.79
					2/26/2015	76.46
					5/29/2015	69.38
					8/7/2015	92.03
					11/6/2015	13.31

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
Phase 6 Groundwater Flow and Transport Model
Nevada Environmental Response Trust Site
Henderson, Nevada

Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
I-Z	828467.74	26719922.96	Qal/xMCf/UMCf	1715.78	12/7/2015	3.4
					1/19/2016	3.96
					2/10/2016	5.1
					3/15/2016	3.4
					4/8/2016	4.81
					5/24/2016	10.62
					6/8/2016	4.11
					7/12/2016	6.94
					8/11/2016	36.81
					9/7/2016	27.75
					10/4/2016	18.69
					11/16/2016	18.41
					12/21/2016	18.12
					1/18/2017	13.59
					2/16/2017	15.15
					3/23/2017	16.71
					4/5/2017	17.27
					5/3/2017	36.81
					6/14/2017	3.4
					7/13/2017	2.78
					8/8/2017	5.38
					9/12/2017	3.68
					10/10/2017	4.25
					10/25/2017	23.08
					11/7/2017	5.52
					12/12/2017	9.34
					1/10/2018	93.45
					2/8/2018	84.95
3/8/2018	84.95					
4/10/2018	82.12					
5/10/2018	84.95					
6/7/2018	67.96					
7/10/2018	73.62					
8/22/2018	63.71					
9/18/2018	92.03					
10/17/2018	1274.26					
11/14/2018	1472.47					
12/18/2018	1387.52					
J2D1-R2	829885.78	26719274.00	Qal	1739.20	4/15/2014	1330.89
					4/14/2015	1614.06
					4/10/2017	1472.47
					4/19/2018	1727.32
J2D2-R2	830098.48	26719406.73	Qal	1733.70	4/15/2014	1472.47

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
Phase 6 Groundwater Flow and Transport Model
Nevada Environmental Response Trust Site
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Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
J2D2-R2	830098.48	26719406.73	Qal	1733.70	4/1/2015	1670.69
					4/4/2017	1061.88
					4/17/2018	1217.62
J2D4	829582.57	26719171.05	Qal	1741.30	4/15/2014	1132.67
					4/14/2015	1160.99
					4/10/2017	1415.84
					4/19/2018	1245.94
J2U2	830063.17	26718456.02	Qal	1747.50	4/10/2014	1472.47
					4/8/2015	1359.21
					4/7/2017	1444.16
					4/19/2018	1005.25
JX-11	825170.27	26725018.41	Qal	1650.82	4/15/2014	1104.36
					4/23/2015	1019.4
					4/18/2016	1019.4
					4/10/2017	1104.36
					5/9/2018	1104.36
JX-86	825186.08	26725018.66	UMCf	1573.21	4/15/2014	1189.31
					4/23/2015	1245.94
					4/12/2016	1444.16
					4/10/2017	877.82
					5/9/2018	934.45
KX-18	823949.00	26726751.40	Qal/xMCf	1629.40	4/17/2014	0.25
					4/21/2015	0.01
					4/12/2016	6229.7
					4/10/2017	8211.87
					5/10/2018	178.4
KY-23	824268.80	26727268.40	Qal/xMCf	1620.60	4/17/2014	161.41
					4/21/2015	849.5
					4/12/2016	1076.04
					4/10/2017	0.17
					5/14/2018	0.76
LX-55	813729.00	26717307.00	Qal	1831.90	5/1/2014	5946.53
					5/13/2015	6512.86
					4/20/2016	651.29
					5/4/2017	679.6
					4/16/2018	107.6
LX-150	813720.00	26717306.00	UMCf	1736.50	5/1/2014	116.1
					5/13/2015	2.41
					4/12/2016	0.91
					5/4/2017	0.01
					4/16/2018	5097.02
M-2A	827984.27	26718769.87	Qal	1739.07	5/13/2014	7079.2
					2/4/2015	79.29

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
Phase 6 Groundwater Flow and Transport Model
Nevada Environmental Response Trust Site
Henderson, Nevada

Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
M-2A	827984.27	26718769.87	Qal	1739.07	5/29/2015	127.43
					5/24/2016	566.34
					5/11/2017	93.45
					5/17/2018	2746.73
M-5A	826178.84	26719961.19	UMCf	1704.26	5/12/2014	2831.68
					8/12/2014	175.56
					2/6/2015	172.73
					5/22/2015	991.09
					8/5/2015	1104.36
					5/27/2016	82.12
					8/10/2016	42.48
					5/11/2017	0.31
					8/15/2017	9344.54
					5/14/2018	3492.41
8/7/2018	3095.97					
M-5D	826166.57	26720001.76	UMCf	1679.95	5/1/2017	3398.02
					10/20/2017	3775.57
M-6A	825984.28	26721013.81	Qal/xMCf/UMCf	1697.09	5/9/2014	3869.96
					8/13/2014	3775.57
					1/22/2015	2944.95
					5/28/2015	2425.81
					8/10/2015	2699.53
					5/27/2016	2180.39
					8/11/2016	1859.47
					5/10/2017	2307.82
					8/15/2017	1982.18
					5/14/2018	3398.02
8/7/2018	2350.29					
M-7B	826105.95	26720979.77	Qal/xMCf/UMCf	1692.64	5/12/2014	2831.68
					6/18/2014	16706.91
					8/12/2014	12459.39
					2/5/2015	764.55
					4/28/2015	934.45
					5/22/2015	8.21
					8/5/2015	13.88
					4/13/2016	19538.59
					5/31/2016	23786.11
					8/11/2016	3681.18
					4/12/2017	3681.18
					5/10/2017	821.19
					8/15/2017	1925.54
4/17/2018	8211.87					
5/11/2018	24069.28					

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
Phase 6 Groundwater Flow and Transport Model
Nevada Environmental Response Trust Site
Henderson, Nevada

Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
M-7B	826105.95	26720979.77	Qal/xMCf/UMCf	1692.64	8/7/2018	27750.46
M-10	828536.01	26716636.94	Qal/xMCf/UMCf	1780.94	2/4/2014	33980.16
					5/15/2014	3398.02
					8/15/2014	2831.68
					12/8/2014	1826.43
					3/3/2015	0.2
					5/5/2015	3.11
					6/3/2015	1500.79
					8/6/2015	269.01
					11/9/2015	311.48
						7928.7
					2/17/2016	10194.05
					6/7/2016	6.8
					8/9/2016	252.02
					11/22/2016	0.05
					2/8/2017	0.71
					5/15/2017	13.31
					8/15/2017	84.95
					11/9/2017	90.61
					2/15/2018	48.14
					5/17/2018	25.77
8/7/2018	22.65					
11/8/2018	59.47					
M-11	828616.62	26717608.73	Qal/xMCf/UMCf	1770.70	2/4/2014	67.96
					5/15/2014	79.29
					8/15/2014	62.3
					12/18/2014	62.3
					1/30/2015	70.79
					2/26/2015	877.82
					6/5/2015	453.07
					8/6/2015	736.24
					11/9/2015	172.73
					2/17/2016	124.59
					5/26/2016	104.77
					8/9/2016	3964.35
					11/21/2016	5663.36
					2/7/2017	4105.94
					5/15/2017	5238.61
					8/15/2017	5238.61
					11/9/2017	5521.78
2/15/2018	443.16					
5/17/2018	1033.56					
8/7/2018	877.82					

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
Phase 6 Groundwater Flow and Transport Model
Nevada Environmental Response Trust Site
Henderson, Nevada

Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
M-11	828616.62	26717608.73	Qal/xMCf/UMCf	1770.70	11/8/2018	934.45
M-12A	828178.35	26717575.57	UMCf	1767.87	2/7/2014	1005.25
					5/14/2014	9627.71
					8/14/2014	9344.54
					12/18/2014	9910.88
					1/20/2015	10760.38
					2/26/2015	10194.05
					6/5/2015	10194.05
					8/6/2015	9627.71
					11/9/2015	10194.05
					2/18/2016	9910.88
					5/26/2016	8211.87
					8/9/2016	8211.87
					11/22/2016	11326.72
					2/7/2017	9061.38
					5/15/2017	7362.37
					8/29/2017	8495.04
M-13	827805.72	26717477.79	UMCf	1774.99	5/15/2014	7.36
					2/2/2015	10.19
					6/5/2015	17.84
					5/26/2016	1.16
					5/12/2017	0.07
					5/16/2018	9.34
M-14A	827045.20	26719382.55	UMCf	1728.50	2/7/2014	10.76
					5/12/2014	15.86
					8/12/2014	104.77
					12/8/2014	3681.18
					1/29/2015	3398.02
					2/25/2015	2661.78
					5/22/2015	2435.24
					8/5/2015	1415.84
					11/9/2015	75.51
					2/17/2016	77.4
					5/23/2016	78.34
					8/10/2016	56.63
11/17/2016	58.52					
5/9/2017	57.58					
11/9/2017	54.75					

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
Phase 6 Groundwater Flow and Transport Model
Nevada Environmental Response Trust Site
Henderson, Nevada

Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
M-14A	827045.20	26719382.55	UMCf	1728.50	5/15/2018	43.23
					11/8/2018	43.42
M-14D	827043.47	26719391.63	UMCf	1683.39	5/4/2017	31.62
					10/18/2017	39.64
M-19	828845.96	26719350.00	UMCf	1740.01	2/7/2014	42.48
					5/13/2014	27.18
					8/14/2014	22.94
					12/18/2014	36.81
					2/26/2015	33.98
					5/29/2015	5946.53
					8/6/2015	5521.78
					11/6/2015	6229.7
					2/18/2016	6796.03
					5/24/2016	7503.95
					6/16/2016	7503.95
					8/9/2016	7079.2
					11/18/2016	7928.7
					5/10/2017	7645.54
11/8/2017	7645.54					
5/16/2018	6512.86					
11/7/2018	8495.04					
M-21	827792.73	26718359.25	UMCf	1762.59	5/14/2014	6512.86
M-21D	827818.90	26718312.55	UMCf	1740.39	10/16/2017	8211.87
					11/1/2017	6371.28
M-22A	828269.84	26719531.96	Qal/xMCf/UMCf	1732.97	2/7/2014	7079.2
					5/12/2014	72.68
					8/12/2014	91.56
					12/8/2014	90.61
					2/2/2015	89.67
					2/27/2015	93.45
					5/21/2015	88.73
					8/5/2015	111.38
					11/9/2015	117.04
					2/17/2016	138.75
					5/23/2016	131.2
					8/10/2016	168.01
					11/17/2016	399.27
					5/10/2017	651.29
11/9/2017	679.6					
5/14/2018	566.34					
11/9/2018	707.92					
M-22D	828294.81	26719521.24	UMCf	1696.90	5/4/2017	481.39
					10/17/2017	528.58

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
Phase 6 Groundwater Flow and Transport Model
Nevada Environmental Response Trust Site
Henderson, Nevada

Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
M-23	827373.84	26721391.19	Qal	1693.87	2/6/2014	566.34
					5/9/2014	556.9
					8/13/2014	641.85
					12/5/2014	651.29
					2/5/2015	604.09
					2/24/2015	585.21
					5/27/2015	443.63
					8/4/2015	422.86
					11/4/2015	538.02
					2/16/2016	622.97
					8/10/2016	509.7
					11/22/2016	538.02
					5/8/2017	93.45
					11/8/2017	130.26
5/11/2018	63.24					
11/7/2018	67.96					
M-25	827677.53	26719504.15	Qal/xMCf/UMCf	1725.36	2/7/2014	89.67
					5/12/2014	149.14
					8/12/2014	125.54
					12/8/2014	126.48
					2/3/2015	101.94
					2/27/2015	101
					5/22/2015	120.82
					8/5/2015	89.67
					11/5/2015	144.42
					2/16/2016	110.44
					5/23/2016	73.62
					8/10/2016	53.8
					11/17/2016	73.62
					5/9/2017	63.71
11/9/2017	72.21					
5/14/2018	36.81					
11/8/2018	36.81					
M-31A	828368.02	26718289.89	UMCf	1752.12	5/14/2014	35.4
					8/14/2014	106.66
					12/9/2014	130.26
					1/28/2015	121.76
					2/26/2015	103.83
					6/2/2015	74.57
					8/7/2015	66.07
					11/6/2015	66.07
					2/18/2016	66.07
5/26/2016	40.59					

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
Phase 6 Groundwater Flow and Transport Model
Nevada Environmental Response Trust Site
Henderson, Nevada

Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
M-31A	828368.02	26718289.89	UMCf	1752.12	8/9/2016	39.64
					11/30/2016	34.92
					5/11/2017	33.98
					11/9/2017	53.8
					5/15/2018	36.81
M-32	828592.45	26718354.04	UMCf	1754.10	11/8/2018	65.13
					5/5/2015	62.3
					7/14/2015	55.69
					8/7/2015	51.91
					5/25/2016	49.08
					5/12/2017	42.48
M-33	828783.71	26718383.18	UMCf	1754.30	5/17/2018	38.7
					5/5/2015	32.09
					7/14/2015	29.26
					5/25/2016	25.96
					5/12/2017	30.58
M-35	828509.10	26718840.20	UMCf	1740.86	5/17/2018	132.15
					2/7/2014	148.19
					5/13/2014	101.94
					8/14/2014	113.27
					12/18/2014	25.2
					1/29/2015	130.26
					2/26/2015	36.81
					5/29/2015	5.19
					8/7/2015	2.19
					11/6/2015	3.31
					2/18/2016	5.85
					5/24/2016	3.28
					8/9/2016	1.43
					11/18/2016	1.15
5/11/2017	0.18					
11/8/2017	7.31					
5/16/2018	14.31					
M-36D	828052.50	26719581.91	UMCf	1696.41	11/8/2018	9.44
					5/4/2017	5.38
M-37	827414.06	26719422.28	UMCf	1730.48	10/18/2017	4.53
					2/7/2014	1.5
					5/12/2014	3.68
					8/12/2014	0.31
					12/5/2014	7362.37
					1/29/2015	8495.04
					2/27/2015	8400.65
5/22/2015	7928.7					

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
Phase 6 Groundwater Flow and Transport Model
Nevada Environmental Response Trust Site
Henderson, Nevada

Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
M-37	827414.06	26719422.28	UMCf	1730.48	8/10/2015	7456.76
					11/5/2015	8400.65
					2/16/2016	3114.85
					5/23/2016	4530.69
					8/10/2016	3822.77
					11/22/2016	3398.02
					2/7/2017	2959.11
					5/9/2017	3114.85
					8/15/2017	6088.11
					11/8/2017	7645.54
					2/15/2018	7220.78
					5/14/2018	6796.03
11/8/2018	6796.03					
M-38	827877.68	26719523.89	UMCf	1730.94	2/7/2014	6512.86
					5/12/2014	651.29
					8/12/2014	396.44
					12/8/2014	467.23
					2/27/2015	424.75
					5/7/2015	311.48
					5/21/2015	368.12
					8/6/2015	0.04
					11/9/2015	0.04
					2/17/2016	0.04
					5/23/2016	0.04
					8/10/2016	0.07
					11/17/2016	0.04
					2/8/2017	0.04
					5/10/2017	0.03
					8/15/2017	0.24
					11/8/2017	0.08
2/15/2018	0.02					
5/14/2018	0.01					
8/7/2018	11326.72					
11/8/2018	15007.9					
M-44	827005.56	26722699.07	Qal/xMCf/UMCf	1675.63	2/5/2014	11609.89
					5/8/2014	11893.06
					8/13/2014	12459.39
					12/4/2014	16706.91
					2/24/2015	16140.58
					5/26/2015	11326.72
					8/10/2015	14158.4
					11/3/2015	12176.22
2/15/2016	11326.72					

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
Phase 6 Groundwater Flow and Transport Model
Nevada Environmental Response Trust Site
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Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
M-44	827005.56	26722699.07	Qal/xMCf/UMCf	1675.63	5/11/2016	14158.4
					8/8/2016	8495.04
					2/7/2017	7928.7
					5/4/2017	10618.8
					8/15/2017	9061.38
					8/24/2017	8778.21
					10/27/2017	7928.7
					11/8/2017	5663.36
					2/14/2018	5663.36
					5/10/2018	6229.7
					8/7/2018	7645.54
11/7/2018	15007.9					
M-48A	828292.90	26721338.13	Qal/UMCf	1688.93	2/5/2014	7645.54
					5/8/2014	9627.71
					8/13/2014	8495.04
					12/4/2014	8778.21
					2/24/2015	6796.03
					5/26/2015	10477.22
					8/4/2015	7645.54
					11/3/2015	8495.04
					2/15/2016	8919.79
					5/12/2016	8211.87
					8/8/2016	9344.54
					11/22/2016	11326.72
					5/8/2017	10477.22
					11/8/2017	11326.72
					5/11/2018	12742.56
11/7/2018	15007.9					
M-52	828394.11	26717985.41	UMCf	1759.80	2/7/2014	12176.22
					5/14/2014	14724.74
					8/14/2014	14724.74
					12/9/2014	13025.73
					1/30/2015	14441.57
					2/26/2015	13875.23
					6/2/2015	21237.6
					8/6/2015	15007.9
					11/6/2015	17556.42
					2/18/2016	16423.74
					5/25/2016	12.18
					8/9/2016	13.31
					11/22/2016	43.89
					5/11/2017	39.64
11/10/2017	27.18					

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
Phase 6 Groundwater Flow and Transport Model
Nevada Environmental Response Trust Site
Henderson, Nevada

Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
M-52	828394.11	26717985.41	UMCf	1759.80	5/16/2018	22.65
					11/8/2018	90.61
M-57A	826992.99	26719716.67	UMCf	1721.36	2/7/2014	82.12
					5/12/2014	76.46
					6/18/2014	67.96
					8/12/2014	65.13
					12/5/2014	82.12
					2/6/2015	42.48
					2/25/2015	33.98
					4/28/2015	42.48
					5/8/2015	15.86
					8/5/2015	24.64
					11/5/2015	16.14
					2/17/2016	0.37
					4/18/2016	0.28
					5/24/2016	0.35
					8/10/2016	0.03
					11/18/2016	6.61
					4/19/2017	6.8
					5/9/2017	7.65
11/9/2017	5.76					
4/17/2018	4.81					
5/11/2018	4.03					
11/8/2018	1.26					
M-58	828276.43	26719900.79	Qal/xMCf/UMCf	1718.95	2/4/2015	0.57
M-64	827599.59	26719695.77	Qal/xMCf/UMCf	1727.63	2/6/2014	1.07
					5/12/2014	10.57
					8/12/2014	8.5
					12/3/2014	5.1
					2/2/2015	5.1
					2/25/2015	2.18
					5/8/2015	6.23
					8/5/2015	0.01
					11/5/2015	410.59
					2/17/2016	447.41
					5/23/2016	223.7
					8/10/2016	201.05
					11/17/2016	424.75
					5/10/2017	424.75
11/9/2017	207.66					
5/14/2018	154.8					
11/9/2018	106.66					
M-65	827899.49	26719746.61	Qal/xMCf/UMCf	1725.40	2/6/2014	110.44

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
Phase 6 Groundwater Flow and Transport Model
Nevada Environmental Response Trust Site
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Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
M-65	827899.49	26719746.61	Qal/xMCf/UMCf	1725.40	5/12/2014	155.74
					8/12/2014	151.02
					12/3/2014	124.59
					2/3/2015	220.87
					2/25/2015	332.01
					5/7/2015	330.36
					8/5/2015	387
					11/5/2015	339.8
					2/16/2016	189.72
					5/23/2016	271.84
					8/10/2016	283.17
					11/17/2016	274.67
					5/10/2017	175.56
11/9/2017	119.87					
5/14/2018	84.01					
11/8/2018	80.23					
M-65D	827909.54	26719756.15	UMCf	1687.30	5/2/2017	83.06
					10/17/2017	81.17
M-66	828183.35	26719787.53	Qal/xMCf/UMCf	1721.78	2/6/2014	70.79
					5/12/2014	79.29
					8/12/2014	75.04
					12/3/2014	62.3
					2/3/2015	52.86
					2/25/2015	45.31
					5/8/2015	67.96
					8/5/2015	62.3
					11/5/2015	54.75
					2/16/2016	24.78
					5/23/2016	25.91
					8/10/2016	22.37
					11/17/2016	7.79
					5/10/2017	46.06
11/9/2017	209.54					
5/15/2018	127.43					
11/9/2018	45.31					
M-66D	828165.83	26719797.14	UMCf	1686.72	5/4/2017	206.71
					10/16/2017	271.84
M-67	828508.35	26719830.00	Qal/xMCf/UMCf	1721.25	2/7/2014	103.83
					5/13/2014	95.14
					8/14/2014	181.23
					12/8/2014	260.51
					1/29/2015	150.79
					2/26/2015	109.02

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
Phase 6 Groundwater Flow and Transport Model
Nevada Environmental Response Trust Site
Henderson, Nevada

Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
M-67	828508.35	26719830.00	Qal/xMCf/UMCf	1721.25	5/29/2015	453.07
					8/6/2015	424.75
					11/6/2015	481.39
					2/19/2016	566.34
					5/24/2016	651.29
					8/9/2016	651.29
					11/18/2016	566.34
					5/10/2017	566.34
					11/10/2017	566.34
					5/16/2018	622.97
11/7/2018	622.97					
M-68	828750.88	26719864.83	Qal/xMCf/UMCf	1722.85	2/7/2014	566.34
					5/13/2014	368.12
					8/14/2014	339.8
					12/8/2014	172.73
					2/4/2015	46.06
					2/26/2015	192.55
					5/29/2015	184.06
					8/6/2015	83.53
					11/6/2015	104.77
					2/18/2016	82.12
					5/24/2016	70.79
					8/9/2016	56.63
					11/18/2016	53.8
					5/10/2017	48.14
11/8/2017	57.58					
5/15/2018	38.7					
11/8/2018	48.14					
M-69	827265.44	26719885.82	Qal/xMCf/UMCf	1718.39	2/12/2014	57.58
					5/12/2014	46.25
					8/12/2014	46.25
					12/9/2014	34.92
					2/4/2015	24.35
					2/25/2015	23.15
					5/8/2015	19.63
					8/5/2015	26.52
					11/5/2015	22.23
					2/17/2016	24.64
					5/23/2016	69.85
					8/10/2016	78.34
11/17/2016	33.98					
5/10/2017	23.5					
11/8/2017	49.08					

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
Phase 6 Groundwater Flow and Transport Model
Nevada Environmental Response Trust Site
Henderson, Nevada

Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
M-69	827265.44	26719885.82	Qal/xMCf/UMCf	1718.39	5/14/2018	42.48
					11/6/2018	707.92
M-70	827567.16	26719904.68	Qal/xMCf/UMCf	1719.17	2/6/2014	736.24
					5/13/2014	830.63
					8/12/2014	887.26
					12/8/2014	896.7
					2/4/2015	928.79
					2/25/2015	934.45
					5/21/2015	906.14
					8/5/2015	606.45
					11/9/2015	849.5
					2/16/2016	1076.04
					5/24/2016	1047.72
					8/10/2016	962.77
					11/18/2016	1104.36
					5/10/2017	622.97
11/9/2017	538.02					
5/14/2018	1.9					
11/9/2018	8.78					
M-71	827859.30	26719943.70	Qal/xMCf/UMCf	1715.19	2/6/2014	13.31
					5/13/2014	19.54
					8/12/2014	26.9
					12/8/2014	16.14
					2/4/2015	16.42
					2/25/2015	22.94
					5/21/2015	56.63
					8/5/2015	99.11
					11/9/2015	14.44
					2/16/2016	11.89
					5/24/2016	13.59
					8/10/2016	26.62
					11/17/2016	41.42
					5/10/2017	9.06
11/9/2017	4.81					
5/14/2018	8.78					
11/8/2018	19.26					
M-72	828171.94	26719977.31	Qal/xMCf/UMCf	1722.56	2/6/2014	22.56
					5/13/2014	116.1
					8/12/2014	110.44
					12/8/2014	101.94
					2/4/2015	135.92
					2/25/2015	141.58
5/21/2015	73.62					

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
Phase 6 Groundwater Flow and Transport Model
Nevada Environmental Response Trust Site
Henderson, Nevada

Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
M-72	828171.94	26719977.31	Qal/xMCf/UMCf	1722.56	8/5/2015	62.3
					11/9/2015	84.95
					2/16/2016	62.3
					5/24/2016	67.96
					8/10/2016	4.05
					11/18/2016	1.9
					5/10/2017	1.73
					11/9/2017	2.21
					5/15/2018	2.54
					11/6/2018	2.44
M-72D	828139.65	26719974.69	UMCf	1680.60	5/4/2017	2.83
					10/18/2017	1.83
M-73	828427.46	26720018.54	Qal/xMCf/UMCf	1718.75	2/7/2014	3.4
					5/13/2014	3.4
					8/14/2014	27.75
					12/9/2014	9.34
					1/29/2015	13.71
					2/26/2015	9.05
					5/29/2015	11.61
					8/6/2015	7.65
					11/6/2015	6.51
					2/19/2016	75.89
					5/24/2016	1234.61
					8/9/2016	538.02
					11/18/2016	229.37
					5/10/2017	6.51
					11/10/2017	4.81
5/15/2018	4.81					
11/8/2018	9.63					
M-74	828713.43	26720062.52	UMCf	1718.41	2/7/2014	22.85
					5/13/2014	8.21
					8/14/2014	7.93
					12/18/2014	8.21
					1/29/2015	13.88
					2/26/2015	24.64
					5/29/2015	849.5
					8/6/2015	877.82
					11/6/2015	792.87
					2/18/2016	651.29
					5/24/2016	566.34
					8/9/2016	33.98
					11/18/2016	31.15
5/10/2017	28.32					

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
Phase 6 Groundwater Flow and Transport Model
Nevada Environmental Response Trust Site
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Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
M-74	828713.43	26720062.52	UMCf	1718.41	11/9/2017	33.98
					5/15/2018	33.98
					11/8/2018	962.77
M-75	827718.66	26718702.91	Qal/xMCf/UMCf	1740.19	5/13/2014	877.82
					2/3/2015	821.19
					5/29/2015	821.19
					5/27/2016	707.92
					5/12/2017	59.47
					5/16/2018	79.29
M-76	827550.42	26718660.25	UMCf	1739.78	5/13/2014	93.45
					2/3/2015	118.93
					5/29/2015	124.59
					5/24/2016	87.78
					5/11/2017	110.44
					5/16/2018	110.44
M-77	828931.86	26718046.10	Qal/xMCf/UMCf	1761.80	5/14/2014	116.1
					1/28/2015	110.44
					6/5/2015	33.98
					5/25/2016	31.15
					5/12/2017	38.23
M-79	827381.95	26720049.07	Qal/xMCf/UMCf	1720.19	2/6/2014	45.31
					5/12/2014	73.62
					8/12/2014	4.25
					12/3/2014	3.96
					2/5/2015	3.96
					2/25/2015	3.68
					5/8/2015	3.89
					8/5/2015	5.95
					11/5/2015	5.1
					2/16/2016	5.38
					5/23/2016	4.81
					8/10/2016	5.47
					11/17/2016	3.96
					5/9/2017	2.83
11/9/2017	2.58					
5/15/2018	2.38					
11/6/2018	2.93					
M-80	827759.54	26720113.16	Qal/xMCf/UMCf	1717.51	2/7/2014	1415.84
					5/13/2014	1585.74
					8/14/2014	1472.47
					12/18/2014	172.73
					2/6/2015	280.34
					2/26/2015	164.24

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
Phase 6 Groundwater Flow and Transport Model
Nevada Environmental Response Trust Site
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Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
M-80	827759.54	26720113.16	Qal/xMCf/UMCf	1717.51	5/29/2015	87.78
					8/6/2015	113.27
					11/6/2015	124.59
					2/19/2016	424.75
					5/24/2016	90.61
					8/9/2016	235.03
					11/18/2016	152.91
					2/8/2017	266.18
					5/11/2017	148.66
					8/15/2017	127.43
					11/9/2017	707.92
					2/15/2018	651.29
					5/15/2018	560.67
M-81A	828139.49	26720176.91	Qal/xMCf/UMCf	1708.14	2/7/2014	62.3
					5/13/2014	28.6
					8/14/2014	246.36
					12/18/2014	0.07
					2/6/2015	44.81
					2/26/2015	107.6
					5/29/2015	121.76
					8/6/2015	51.68
					11/6/2015	62.3
					2/19/2016	396.44
					5/24/2016	101.94
					8/9/2016	101.94
					11/18/2016	159.99
5/11/2017	116.1					
11/9/2017	127.43					
5/16/2018	96.28					
11/8/2018	209.54					
M-81D	828136.93	26720184.91	UMCf	1678.04	5/3/2017	159.99
					10/23/2017	152.34
M-83	827584.72	26720160.56	Qal/xMCf/UMCf	1713.49	1/16/2014	184.06
					2/7/2014	181.23
					3/13/2014	116.81
					4/17/2014	130.26
					5/13/2014	203.88
					6/13/2014	2.7
					7/9/2014	5.66
					8/14/2014	65.13
9/11/2014	73.62					

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
Phase 6 Groundwater Flow and Transport Model
Nevada Environmental Response Trust Site
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Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
M-83	827584.72	26720160.56	Qal/xMCf/UMCf	1713.49	10/14/2014	12.11
					11/24/2014	49.55
					12/30/2014	4.81
					1/15/2015	70.79
					2/6/2015	98.54
					2/13/2015	46.72
					3/11/2015	21.52
					4/16/2015	38.04
					5/29/2015	58.05
					6/25/2015	28.32
					7/13/2015	56.63
					8/6/2015	84.38
					9/16/2015	76.46
					10/13/2015	50.97
					11/6/2015	35.68
					12/9/2015	50.97
					1/12/2016	396.44
					2/10/2016	410.59
					3/10/2016	407.76
					4/6/2016	325.64
5/24/2016	311.48					
6/8/2016	274.67					
7/19/2016	263.35					
8/9/2016	368.12					
9/13/2016	297.33					
10/11/2016	261.65					
11/21/2016	293.08					
5/11/2017	257.68					
11/8/2017	198.22					
5/16/2018	161.41					
11/8/2018	396.44					
M-83D	827574.15	26720169.60	UMCf	1673.86	10/13/2017	280.34
					11/2/2017	245.22
M-92	827137.55	26717532.14	UMCf	1758.38	5/12/2014	263.35
					6/16/2014	257.68
					1/29/2015	175.56
					4/21/2015	155.74
					5/22/2015	252.02
					4/12/2016	263.35
					5/23/2016	396.44
					4/12/2017	48.9
					5/11/2017	59.63
4/17/2018	191.14					

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
Phase 6 Groundwater Flow and Transport Model
Nevada Environmental Response Trust Site
Henderson, Nevada

Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
M-92	827137.55	26717532.14	UMCf	1758.38	5/15/2018	206.71
M-93	827143.16	26717686.29	UMCf	1757.30	5/19/2017	112.56
					10/11/2017	116.1
					5/15/2018	368.12
M-95	827426.47	26722701.98	Qal	1678.11	2/5/2014	17.13
					5/8/2014	59.07
					8/13/2014	120.35
					12/5/2014	209.54
					2/24/2015	184.77
					5/26/2015	169.9
					8/10/2015	368.12
					11/3/2015	1.44
					2/15/2016	1.13
5/12/2016	46.58					
M-97	827492.18	26717795.28	UMCf	1758.56	5/12/2014	121.76
					1/29/2015	51.68
					5/22/2015	75.04
					5/23/2016	235.03
					5/11/2017	260.51
5/30/2018	377.56					
M-99	827309.23	26720851.81	Qal	1705.48	2/10/2014	385.11
					5/20/2014	353.96
					8/12/2014	368.12
					12/8/2014	296.38
M-103	828727.97	26715622.71	UMCf	1784.89	5/18/2016	283.17
					5/11/2017	142.53
M-115	827243.41	26718612.95	Qal/xMCf/UMCf	1741.12	5/13/2014	140.45
					2/3/2015	154.33
					5/29/2015	118.93
					5/24/2016	126.48
					5/11/2017	118.93
5/16/2018	196.33					
M-117	828916.75	26715198.67	UMCf	1738.12	5/15/2014	177.83
					1/16/2015	172.73
					5/26/2015	169.9
					5/16/2016	155.74
					5/11/2017	164.24
5/16/2018	217.1					
M-118	828036.21	26715068.38	UMCf	1726.46	5/13/2014	9.35
					1/20/2015	109.02
					5/19/2015	121.76
					5/16/2016	0.15
					5/11/2017	0.01

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
Phase 6 Groundwater Flow and Transport Model
Nevada Environmental Response Trust Site
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Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
M-118	828036.21	26715068.38	UMCf	1726.46	5/16/2018	358.68
M-120	828387.52	26715163.04	UMCf	1785.86	5/13/2014	367.55
					1/20/2015	339.8
					5/19/2015	368.12
					5/16/2016	232.91
					5/11/2017	165.65
					5/16/2018	107.6
M-121	827694.20	26715011.51	UMCf	1786.08	5/13/2014	22.77
					1/16/2015	136.2
					5/19/2015	42.48
					5/17/2016	1.51
					5/11/2017	8.64
					5/16/2018	81.17
M-123	826514.08	26718415.73	UMCf	1739.00	5/14/2014	75.32
					1/27/2015	56.63
					6/3/2015	53.8
					5/25/2016	45.31
					5/12/2017	59.47
					5/16/2018	318.09
M-124	827089.92	26718225.15	UMCf	1743.80	5/14/2014	261.08
					1/29/2015	154.33
					6/3/2015	260.51
					5/25/2016	173.44
					5/11/2017	145.83
					5/16/2018	34.36
M-125	826529.55	26718992.85	UMCf	1726.05	5/15/2014	46.44
					1/27/2015	52.39
					6/3/2015	50.97
					5/26/2016	49.55
					5/9/2017	48.14
					5/14/2018	500.26
M-125D	826504.82	26718988.25	UMCf	1702.60	5/2/2017	418.52
					10/20/2017	249.19
M-126	826569.21	26719505.96	UMCf	1726.74	5/12/2014	189.72
					2/6/2015	155.03
					5/8/2015	96.28
					5/31/2016	112.8
					5/10/2017	48.76
					5/14/2018	133.09
M-128	827169.41	26718500.44	UMCf	1733.85	5/14/2014	124.59
					1/30/2015	39.64
					6/3/2015	80.7
					5/25/2016	120.82

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
Phase 6 Groundwater Flow and Transport Model
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Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
M-129	828806.21	26720079.71	Qal/UMCf	1717.67	4/14/2014	86.65
					4/28/2014	56.63
					4/1/2015	53.8
					6/3/2016	72.92
					4/5/2017	77.87
					5/15/2017	40.87
					4/17/2018	76.46
5/14/2018	69.38					
M-130	828831.05	26719920.52	Qal/UMCf	1720.28	6/3/2016	39.64
M-131	827157.74	26719770.85	UMCf	1717.56	2/6/2014	29.92
					5/12/2014	45.31
					8/12/2014	260.51
					12/3/2014	169.33
					2/27/2015	154.33
					5/8/2015	135.92
					8/5/2015	118.22
					11/5/2015	99.11
					2/17/2016	166.6
					5/24/2016	19.99
8/10/2016	104.77					
M-132	828714.34	26720048.87	UMCf	1657.94	5/14/2014	161.41
					2/4/2015	123.89
					6/5/2015	141.58
					5/25/2016	9.63
					5/11/2017	7.08
5/16/2018	7.65					
M-133	828698.45	26720067.45	UMCf	1676.71	5/14/2014	0.88
					1/29/2015	15.86
					6/5/2015	9.91
					5/25/2016	8.5
					5/10/2017	8.78
5/16/2018	5.66					
M-134	827144.11	26719889.30	UMCf	1684.94	5/12/2014	4.81
					2/5/2015	4.81
					5/8/2015	4.25
					5/23/2016	13.31
					5/10/2017	17.56
5/14/2018	18.41					
M-135	827154.22	26719890.23	UMCf	1715.68	2/6/2014	4.53
					5/12/2014	36.81
					8/12/2014	42.48
					12/9/2014	42.48
					2/5/2015	42.48

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
Phase 6 Groundwater Flow and Transport Model
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Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
M-135	827154.22	26719890.23	UMCf	1715.68	2/27/2015	84.95
					5/8/2015	147.25
					8/5/2015	127.43
					11/5/2015	107.6
					2/17/2016	65.13
					5/23/2016	56.63
					8/10/2016	62.3
					11/21/2016	62.3
					5/10/2017	59.47
					11/9/2017	59.47
					5/14/2018	90.61
11/8/2018	65.13					
M-136	827165.06	26719889.88	UMCf	1664.56	5/12/2014	1.44
					6/18/2014	1.36
					2/5/2015	0.34
					4/28/2015	2.24
					5/8/2015	0.06
					4/13/2016	0.06
					5/23/2016	0.06
					4/12/2017	3.4
					5/4/2017	3.11
					4/18/2018	3.68
5/14/2018	3.96					
M-137	827665.77	26716034.31	UMCf	1782.93	5/14/2014	0.01
					2/3/2015	0.16
					6/3/2015	0.01
					5/25/2016	0.01
					5/11/2017	0.01
					5/16/2018	0.01
M-138	827816.09	26716058.52	UMCf	1785.81	5/14/2014	76.46
					2/3/2015	96.28
					6/3/2015	93.45
					5/25/2016	87.78
					5/11/2017	65.13
					5/17/2018	67.96
M-139	829044.40	26717213.17	UMCf	1761.33	5/15/2014	0.01
					2/4/2015	0.01
					6/2/2015	0.01
					6/7/2016	0.01
					5/12/2017	0.01
					5/17/2018	0.02
M-140	827427.02	26719888.37	UMCf	1711.82	5/12/2014	0.01
					2/6/2015	0.02

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
Phase 6 Groundwater Flow and Transport Model
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Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
M-140	827427.02	26719888.37	UMCf	1711.82	5/8/2015	0.01
					6/3/2016	0.01
					5/11/2017	0.01
					5/17/2018	0.01
M-140D	827430.94	26719900.33	UMCf	1679.67	5/4/2017	0.03
					10/18/2017	0.01
M-141	828465.30	26718195.39	UMCf	1752.97	5/14/2014	0.1
					1/28/2015	0.01
					6/2/2015	0.01
					6/23/2016	0.1
					5/12/2017	0.01
					5/17/2018	0.01
M-142	827189.62	26718711.81	UMCf	1736.50	5/15/2014	0.01
					6/20/2014	0.01
					2/3/2015	0.01
					4/30/2015	0.06
					6/2/2015	0.02
					4/14/2016	0.01
					5/31/2016	0.07
					4/17/2017	0.02
					5/11/2017	0.01
					4/18/2018	0.01
					5/16/2018	0.02
M-144	827644.52	26717026.09	UMCf	1773.26	5/15/2014	0.01
					2/2/2015	0.06
					6/2/2015	0.01
					5/27/2016	0.01
					5/11/2017	0.01
					5/16/2018	0.01
M-145	829203.27	26717449.32	UMCf	1760.22	5/15/2014	9.91
					6/2/2015	10.48
					2/10/2016	11.61
					5/26/2016	9.91
					6/15/2016	9.91
					9/14/2016	11.33
					5/11/2017	0.01
5/17/2018	0.01					
M-146	827774.93	26716991.99	UMCf	1767.97	5/15/2014	0.01
					1/30/2015	0.01
					6/2/2015	0.01
					5/27/2016	0.01
M-147	828824.13	26718858.23	UMCf	1742.56	5/15/2014	2.83
					2/4/2015	1.84

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
Phase 6 Groundwater Flow and Transport Model
Nevada Environmental Response Trust Site
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Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
M-147	828824.13	26718858.23	UMCf	1742.56	6/2/2015	2.18
					5/10/2017	1.67
					5/16/2018	2.24
M-148A	829028.31	26718355.61	UMCf	1753.14	5/15/2014	1.1
					1/28/2015	0.17
					6/2/2015	0.51
					2/10/2016	0.51
					5/31/2016	7.08
					6/14/2016	1.36
					9/13/2016	3.68
					5/12/2017	20954.43
					5/17/2018	19453.64
M-149	828373.07	26718285.86	UMCf	1687.21	5/22/2014	20029.89
					6/20/2014	22511.86
					1/26/2015	39643.52
					4/30/2015	37661.34
					5/26/2015	37179.96
					4/14/2016	42475.2
					5/18/2016	26617.79
					4/17/2017	22401.74
					5/12/2017	22993.24
					10/17/2017	26617.79
					11/3/2017	13592.06
					4/18/2018	57174.19
					5/17/2018	86208.92
M-150	828058.93	26719569.89	UMCf	1621.45	5/19/2014	66544.48
					6/19/2014	14441.57
					1/12/2015	44122.72
					4/28/2015	69533.48
					5/20/2015	65128.64
					4/12/2016	17273.25
					5/19/2016	3425.11
					4/12/2017	14.58
					5/10/2017	2857.17
					4/18/2018	15574.24
5/14/2018	4258.85					
M-151	827642.71	26720826.91	UMCf	1593.39	5/21/2014	208.13
					1/21/2015	3582.08
					5/26/2015	21237.6
					5/16/2016	31022.63
					5/12/2017	12125.25
					5/16/2018	3709.5
M-152	826973.35	26722690.68	UMCf	1560.46	5/19/2014	25201.95

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
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Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
M-152	826973.35	26722690.68	UMCf	1560.46	5/21/2015	19412.74
					5/19/2016	3893.56
					5/5/2017	2208.71
					8/24/2017	21520.77
					10/27/2017	19758.83
					5/10/2018	8495.04
M-153	828385.56	26718288.14	UMCf	1637.21	5/22/2014	8778.21
					1/26/2015	0.07
					5/26/2015	0.07
					5/18/2016	0.06
					5/12/2017	0.02
					5/16/2018	0
M-154	828047.55	26719568.47	UMCf	1571.51	5/19/2014	368.12
					1/12/2015	311.48
					5/20/2015	311.48
					5/19/2016	283.17
					5/10/2017	311.48
					5/15/2018	0.02
M-155	827635.53	26720827.51	UMCf	1518.14	5/21/2014	0.02
					1/21/2015	0.02
					5/26/2015	0.01
					5/18/2016	0.01
					8/31/2017	167.07
					5/15/2018	133.09
M-156	826964.16	26722690.76	UMCf	1510.53	5/15/2014	150.08
					5/21/2015	141.58
					5/19/2016	141.58
					5/5/2017	2010.49
					8/24/2017	2237.03
					5/10/2018	2152.08
M-161	827132.17	26719888.93	UMCf	1645.21	5/20/2014	2010.49
					1/13/2015	1755.64
					5/20/2015	175.56
					5/17/2016	99.11
					5/10/2017	260.51
					5/14/2018	186.89
M-161D	827237.32	26719894.14	UMCf	1612.78	1/19/2015	269.01
					3/12/2015	87.78
					2/9/2016	130.26
					6/13/2016	124.59
					9/12/2016	1.5
					11/18/2016	0.08
					5/11/2017	1868.91

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
Phase 6 Groundwater Flow and Transport Model
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Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
M-161D	827237.32	26719894.14	UMCf	1612.78	11/9/2017	2067.13
					5/14/2018	2180.39
					11/8/2018	2152.08
M-162	827876.08	26719944.83	UMCf	1640.99	5/20/2014	2009.23
					1/13/2015	1359.21
					5/20/2015	1359.21
					5/17/2016	1670.69
					5/10/2017	1642.37
					5/15/2018	1654.66
M-162D	827774.06	26719954.88	UMCf	1610.04	1/27/2015	1982.18
					3/12/2015	2265.34
					2/9/2016	1953.86
					6/13/2016	1812.28
					9/12/2016	1747.58
					11/22/2016	96.28
					5/11/2017	121.76
					11/9/2017	147.25
					5/14/2018	90.61
					11/8/2018	160.64
M-163	827871.62	26719937.88	UMCf	1660.92	5/20/2014	0.04
					1/27/2015	0.04
					5/20/2015	0.03
					5/17/2016	0.01
					5/11/2017	0.02
					5/15/2018	1840.59
M-164	827868.37	26719948.34	UMCf	1680.46	5/19/2014	1982.18
					1/28/2015	1359.21
					5/20/2015	1897.23
					5/17/2016	1783.96
					5/10/2017	70.79
					5/15/2018	93.45
M-165	828699.53	26720052.05	UMCf	1626.92	5/21/2014	82.12
					1/21/2015	22.65
					5/26/2015	13.88
					5/16/2016	5.66
					5/11/2017	5.38
					5/15/2018	2.83
M-181	828814.45	26719578.25	UMCf	1649.66	5/21/2014	5.95
					1/21/2015	4.53
					5/26/2015	2.15
					5/16/2016	1.36
					5/12/2017	0.57
					5/15/2018	0.93

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
Phase 6 Groundwater Flow and Transport Model
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Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
M-182	828813.66	26719587.42	UMCf	1674.72	5/20/2014	1.16
					1/28/2015	2123.76
					5/26/2015	2010.49
					5/16/2016	1812.28
					6/27/2017	1585.74
5/15/2018	1455.48					
M-186	829020.45	26718354.57	UMCf	1688.30	5/22/2014	2095.44
					1/26/2015	2038.81
					5/26/2015	1783.96
					2/10/2016	1529.11
					5/16/2016	1464.62
					6/15/2016	0.04
					9/13/2016	0.02
					5/12/2017	0.02
5/17/2018	0.03					
M-186D	829025.47	26718347.71	UMCf	1635.16	1/26/2015	0.01
					3/11/2015	1217.62
					2/10/2016	1302.57
					6/14/2016	1472.47
					9/13/2016	1868.91
					11/22/2016	1844.78
					5/12/2017	1274.26
					11/3/2017	1330.89
					11/9/2017	1557.42
5/16/2018	1727.32					
11/8/2018	2082.84					
M-189	828371.68	26717101.15	UMCf	1770.71	1/19/2015	1.02
					3/10/2015	0.02
					2/10/2016	0.02
					6/16/2016	0.01
					11/17/2016	0.01
					5/12/2017	1.64
					11/9/2017	2.12
					5/16/2018	0.02
11/8/2018	0.01					
M-190	828816.08	26717162.21	UMCf	1770.95	1/19/2015	1.19
					3/10/2015	1330.89
					2/11/2016	1330.89
					6/15/2016	1274.26
					9/13/2016	792.87
					11/22/2016	774.97
					5/12/2017	1387.52
11/10/2017	1699.01					

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
Phase 6 Groundwater Flow and Transport Model
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Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
M-190	828816.08	26717162.21	UMCf	1770.95	5/17/2018	2010.49
					11/8/2018	1953.86
M-191	828087.37	26717253.90	UMCf	1771.14	2/2/2015	1812.28
					3/10/2015	4.25
					2/11/2016	3.4
					6/15/2016	3.4
					9/14/2016	3.11
					11/22/2016	3.96
					5/12/2017	3.4
					11/9/2017	3.11
					5/17/2018	3.11
M-192	828393.70	26717297.61	UMCf	1770.69	11/8/2018	2.75
					2/2/2015	2.83
					3/11/2015	38025.42
					2/11/2016	19538.59
					6/16/2016	15857.41
					9/14/2016	15007.9
					11/17/2016	17839.58
					5/11/2017	24918.78
					11/9/2017	24352.45
M-193	828805.62	26717398.60	UMCf	1770.58	5/17/2018	12459.39
					11/8/2018	4247.52
					1/19/2015	4530.69
					3/11/2015	7079.2
					2/11/2016	24190.64
					6/15/2016	56633.6
					9/13/2016	7362.37
					11/17/2016	2605.15
					5/12/2017	71601.05
M-195	828628.33	26717837.42	UMCf	1696.15	11/9/2017	36811.84
					5/16/2018	27750.46
M-196	828400.10	26717993.21	UMCf	1701.79	10/17/2017	33980.16
					10/31/2017	33980.16
M-197	828948.18	26718035.14	UMCf	1691.22	10/12/2017	50565.71
					10/31/2017	14583.15
M-198	828454.23	26718193.69	UMCf	1689.99	10/17/2017	12176.22
					10/31/2017	10477.22
M-199	828562.90	26718384.56	UMCf	1686.34	10/12/2017	13308.9
					10/31/2017	28114.54
M-200	828830.26	26718880.05	UMCf	1668.33	10/12/2017	424.75
					10/31/2017	4403.26
					10/12/2017	52588.34

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
Phase 6 Groundwater Flow and Transport Model
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Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
M-200	828830.26	26718880.05	UMCf	1668.33	11/1/2017	11893.06
M-201	826921.55	26718487.14	UMCf	1715.21	5/3/2017	17273.25
					10/19/2017	13592.06
M-202	826856.19	26719081.31	UMCf	1717.82	5/2/2017	17556.42
					10/20/2017	18405.92
M-203	826279.27	26720488.82	UMCf	1688.39	5/2/2017	39238.99
					10/20/2017	3822.77
M-204	826060.48	26720995.04	UMCf	1627.57	9/26/2017	4530.69
					11/2/2017	6512.86
					9/6/2017	11043.55
M-205	826457.24	26720961.49	UMCf	1691.95	9/7/2017	31148.48
M-206	826915.80	26720918.32	UMCf	1691.10	9/7/2017	23786.11
M-207	827341.58	26720881.05	Qal/UMCf	1694.55	9/7/2017	18972.26
M-208	827657.20	26720850.39	Qal/UMCf	1694.32	9/7/2017	6229.7
					11/6/2017	4247.52
M-209	827667.40	26720849.46	UMCf	1674.24	9/7/2017	3964.35
					11/6/2017	18972.26
M-210	827677.41	26720849.08	UMCf	1654.31	9/7/2017	9627.71
					11/6/2017	6796.03
M-211	828018.47	26720816.38	Qal/UMCf	1695.47	9/13/2017	877.82
					11/6/2017	1868.91
M-212	828028.20	26720814.73	UMCf	1665.54	9/7/2017	6796.03
					11/6/2017	6796.03
M-213	828038.26	26720813.88	UMCf	1625.59	9/7/2017	5097.02
					11/7/2017	3681.18
M-214	828348.83	26720699.96	Qal/UMCf	1701.19	10/17/2017	594.65
					11/3/2017	991.09
M-215	827626.89	26720356.28	UMCf	1697.11	5/3/2017	33980.16
					10/23/2017	53801.92
M-216	827874.36	26720336.24	UMCf	1697.15	10/13/2017	39643.52
					11/2/2017	17839.58
M-217	827888.23	26720334.99	UMCf	1672.11	10/13/2017	18689.09
					11/2/2017	17273.25
M-218	827902.51	26720333.89	UMCf	1627.04	10/13/2017	16140.58
					11/2/2017	12459.39
M-219	828200.57	26720311.28	UMCf	1697.50	5/3/2017	9910.88
					10/23/2017	6512.86
M-220	828714.00	26720372.16	UMCf	1682.34	10/13/2017	3114.85
					11/2/2017	16990.08
M-221	827921.37	26719758.81	UMCf	1672.32	5/3/2017	15574.24
					10/17/2017	12742.56
M-222	827932.21	26719761.16	UMCf	1647.57	5/3/2017	8211.87
					10/17/2017	6512.86
M-223	826881.59	26718329.67	UMCf	1732.28	10/11/2017	

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
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Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
M-223	826881.59	26718329.67	UMCf	1732.28	11/7/2017	5097.02
M-224	826890.78	26718329.30	UMCf	1709.85	10/17/2017	48138.56
M-224R	826889.38	26718318.02	UMCf	1710.24	4/13/2018	36811.84
M-225	826900.67	26718328.70	UMCf	1669.89	10/11/2017	36811.84
					11/7/2017	36811.84
M-225R	826902.09	26718318.23	UMCf	1670.29	4/13/2018	15574.24
M-226	826918.76	26718092.20	UMCf	1738.86	9/27/2017	22087.1
					10/23/2017	24635.62
M-227	826917.56	26718101.72	UMCf	1716.28	9/27/2017	18830.67
					10/23/2017	17273.25
					4/13/2018	9627.71
M-227R	826926.18	26718103.46	UMCf	1716.32	4/13/2018	9627.71
M-228	826916.53	26718111.82	UMCf	1681.17	10/19/2017	1642.37
M-228R	826924.83	26718112.40	UMCf	1680.18	4/13/2018	25201.95
M-229	827086.95	26718914.25	UMCf	1709.95	9/11/2017	15857.41
					11/7/2017	21379.18
M-230	827096.04	26718917.59	UMCf	1677.50	9/13/2017	13875.23
					11/7/2017	10194.05
M-231	827105.43	26718922.06	UMCf	1647.48	9/28/2017	764.55
					11/7/2017	70.79
M-232	827400.86	26718258.66	UMCf	1673.36	9/28/2017	124.59
					11/6/2017	133.09
M-233	827763.29	26718454.52	UMCf	1669.40	10/16/2017	133.09
					11/1/2017	141.58
M-234	826979.25	26717762.10	UMCf	1719.51	9/6/2017	14.16
					11/6/2017	16.99
M-235	827152.10	26717567.87	UMCf	1702.53	9/14/2017	21.24
					11/6/2017	39.64
M-236	827361.64	26717824.98	UMCf	1702.85	9/6/2017	25.49
					11/7/2017	87.78
M-237	827336.81	26717397.48	UMCf	1760.08	9/5/2017	113.27
					11/6/2017	118.93
M-238	827360.46	26717394.02	UMCf	1713.08	9/5/2017	130.26
					11/6/2017	135.92
M-239	827750.78	26717451.14	UMCf	1738.46	10/16/2017	45.31
					11/1/2017	56.63
M-240	827769.53	26717455.23	UMCf	1708.53	10/16/2017	65.13
					11/1/2017	62.3
M-241	828217.19	26717579.81	UMCf	1665.38	11/10/2017	56.63
M-242	826141.84	26720223.63	UMCf	1690.61	9/8/2017	26900.96
					10/27/2017	223.7
M-243	826153.06	26720225.17	UMCf	1671.02	9/8/2017	28316.8
					10/27/2017	14162.36
M-244	826163.98	26720226.18	UMCf	1638.63	9/28/2017	9061.38

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
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Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
M-244	826163.98	26720226.18	UMCf	1638.63	10/27/2017	36.81
M-245	826443.78	26720216.20	UMCf	1694.16	9/8/2017	33.98
					10/27/2017	36.81
M-246	826454.71	26720216.81	UMCf	1671.63	9/8/2017	21.8
					10/27/2017	33.7
M-247-60	828321.20	26717052.79	UMCf	1748.28	11/3/2017	30.87
M-247-100	828321.69	26717052.88	UMCf	1708.28	11/3/2017	38.23
M-248	828311.09	26717050.71	UMCf	1668.36	11/17/2017	32.28
M-249-60	828067.25	26717273.63	UMCf	1749.02	11/13/2017	29.73
M-249-100	828067.02	26717273.79	UMCf	1708.81	11/10/2017	25.74
M-250	828064.54	26717283.83	UMCf	1668.81	11/17/2017	32.56
M-251-60	828239.84	26717336.49	UMCf	1751.64	11/14/2017	27.64
M-251-100	828239.52	26717336.63	UMCf	1711.42	11/14/2017	26.84
M-252	828248.52	26717338.14	UMCf	1671.54	11/16/2017	30.87
M-253-60	828432.15	26717303.68	UMCf	1746.47	11/7/2017	24.92
M-253-100	828432.16	26717304.01	UMCf	1706.36	11/8/2017	22.37
M-254	828434.12	26717293.50	UMCf	1668.85	11/15/2017	23.5
M-255-60	828228.97	26717580.62	UMCf	1747.49	11/9/2017	45.31
M-255-100	828229.02	26717580.83	UMCf	1707.57	11/9/2017	42.48
M-256-60	828399.99	26717598.62	UMCf	1747.27	11/7/2017	45.31
M-256-100	828400.16	26717598.15	UMCf	1707.06	11/7/2017	50.97
M-257	828401.51	26717591.51	UMCf	1666.91	11/14/2017	56.63
M-258	828672.81	26717678.18	UMCf	1667.96	11/6/2017	45.31
M-259-60	828661.25	26717677.28	UMCf	1746.81	11/13/2017	48.7
M-259-100	828661.52	26717677.14	UMCf	1707.32	11/6/2017	51.82
M-260	826068.43	26720995.70	Unknown	1662.41	12/13/2018	52.39
M-261	826445.91	26720962.44	Unknown	1664.47	12/13/2018	48.14
M-262	826451.33	26720961.98	Unknown	1646.94	12/13/2018	38.51
M-263	826925.32	26720917.97	Unknown	1666.00	12/14/2018	52.1
M-264	826930.96	26720917.35	Unknown	1640.95	12/14/2018	49.55
M-265	827346.35	26720880.76	Unknown	1664.51	12/14/2018	45.31
M-266	827355.08	26720879.77	Unknown	1634.44	12/17/2018	45.59
MC-3	825209.51	26721410.04	Qal	1685.54	5/9/2014	47.86
					5/27/2015	31.15
					5/12/2016	31.15
					5/9/2017	33.98
					5/11/2018	28.32
MC-6	825207.81	26722160.32	Qal	1683.36	5/9/2014	33.98
					5/27/2015	27.75
					5/13/2016	28.32
					5/9/2017	28.32
					5/11/2018	45.31
MC-7	824932.95	26721865.47	Qal	1682.58	5/9/2014	26.05

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
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Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
MC-7	824932.95	26721865.47	Qal	1682.58	5/27/2015	24.44
					5/12/2016	23.96
					5/9/2017	26.7
					5/11/2018	23.67
MC-09R	825450.32	26721902.48	Qal	1684.57	6/17/2014	26.33
					4/19/2017	22.31
MC-29	825566.39	26721514.56	Qal/UMCf	1677.36	5/9/2014	20.56
					2/5/2015	25.97
					5/27/2015	19.14
					5/12/2016	13.68
MC-45	825400.42	26722230.35	Qal	1676.74	5/9/2014	5.1
					1/27/2015	5.38
					5/27/2015	4.25
					5/12/2016	4.53
MC-47	824640.34	26722506.05	Qal/UMCf	1674.92	6/10/2014	6.23
					4/23/2015	3.4
					4/7/2016	3.4
					4/7/2017	5.38
					4/9/2018	7.36
MC-48	824952.84	26722431.11	Qal/UMCf	1680.20	6/10/2014	8.35
					4/23/2015	8.66
					4/7/2016	9.46
					4/7/2017	11.58
					4/9/2018	12.37
MC-49	825182.72	26722360.49	Qal/UMCf	1677.33	6/11/2014	9.66
					4/23/2015	14.89
					4/7/2016	23.45
					4/7/2017	24.51
					4/9/2018	23.56
MC-50	825534.54	26722076.12	Qal	1675.53	5/9/2014	22.8
					6/11/2014	33.98
					1/27/2015	24.07
					5/4/2015	23.5
					5/27/2015	25.77
					4/19/2016	28.03
					5/12/2016	17.84
					4/10/2017	15.57
					5/8/2017	15.01
					4/10/2018	19.26
					5/14/2018	14.3
MC-51	825647.56	26721899.90	Qal	1678.43	5/9/2014	9.32
					2/5/2015	7.19
					5/28/2015	10.76

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
Phase 6 Groundwater Flow and Transport Model
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Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
MC-51	825647.56	26721899.90	Qal	1678.43	5/12/2016	9.03
					5/9/2017	8.01
					5/11/2018	8.86
MC-53	825942.19	26721919.75	Qal/UMCf	1683.68	5/9/2014	164.52
					6/11/2014	11.21
					1/22/2015	103.36
					4/27/2015	13.14
					5/28/2015	14.44
					4/7/2016	2.21
					5/12/2016	24.07
					4/7/2017	5.1
					5/9/2017	15.57
					4/9/2018	8.21
					5/10/2018	17.27
MC-61	825702.25	26722433.39	Qal/UMCf	1667.89	8/23/2017	14.44
					10/25/2017	130.26
MC-62	825880.72	26722727.61	Qal/UMCf	1661.50	8/22/2017	62.3
					10/25/2017	7.84
MC-63	826321.93	26722717.05	Qal/UMCf	1659.43	8/23/2017	33.41
					10/25/2017	50.97
MC-65	826119.15	26722421.12	Qal/UMCf	1673.23	5/8/2014	47.57
					5/27/2015	37.94
					5/11/2016	93.16
					5/8/2017	148.66
					8/23/2017	266.46
10/26/2017	36.25					
MC-65R	826144.30	26722180.59	Qal/UMCf	1677.65	10/25/2017	4.98
MC-65R2	826131.63	26722147.29	Qal/UMCf	1677.90	3/29/2018	0.88
					5/11/2018	0.34
MC-66	826221.26	26722558.00	Qal/UMCf	1663.73	8/23/2017	0.26
					10/26/2017	2.78
MC-69	825235.31	26721806.95	Qal/UMCf	1680.46	5/9/2014	1.05
					5/27/2015	3.11
					5/13/2016	1.93
					5/8/2017	2.18
					5/11/2018	0.28
MC-93	825948.58	26721673.10	Qal/UMCf	1680.96	5/9/2014	0.61
					2/5/2015	0.5
					5/28/2015	0.34
					5/13/2016	0.21
					5/9/2017	0.45
5/11/2018	0.14					
MC-97	825838.31	26721425.70	Qal/UMCf	1687.05	5/9/2014	0.08

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
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Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
MC-97	825838.31	26721425.70	Qal/UMCf	1687.05	2/5/2015	3.6
					5/28/2015	4.5
					5/8/2017	0.28
					5/11/2018	0.4
MC-111	825942.13	26721355.46	Qal/UMCf	1692.09	6/16/2014	0.16
					4/22/2015	0.45
					4/13/2016	0.14
					4/12/2017	0.07
					4/11/2018	0.08
MC-113	825538.88	26722279.41	Qal	1673.44	6/10/2014	0.09
					4/23/2015	0.03
					4/8/2016	0.07
					4/7/2017	0.04
					4/9/2018	0.05
MC-114	825835.01	26722158.53	Qal/xMCf	1675.48	6/10/2014	0.04
					4/23/2015	0.05
					4/8/2016	0.04
					4/7/2017	0.06
					4/9/2018	0.06
MC-MW-10	825523.88	26717919.06	UMCf	1701.21	6/24/2014	0.06
					4/17/2017	0.04
MC-MW-29	825436.29	26721910.09	UMCf	1646.84	6/23/2014	24.64
					4/18/2017	31.15
MC-MW-32	826314.47	26721325.15	UMCf	1670.46	6/18/2014	42.48
					4/22/2015	22.37
					4/12/2016	20.53
					4/11/2017	16.99
					4/13/2018	18.97
MC-MW-35	824348.73	26722329.67	UMCf	1653.55	6/17/2014	14.44
					4/22/2015	11.33
					4/12/2016	10.76
					4/11/2017	15.83
					4/13/2018	13.17
MC-MW-36	825497.46	26722678.55	UMCf	1644.66	6/18/2014	12.29
					6/29/2015	9.37
					4/15/2016	18.46
					4/14/2017	12.03
					8/22/2017	65.13
					10/26/2017	50.97
MC-MW-37	826148.51	26722407.66	UMCf	1646.13	8/23/2017	48.14
					10/26/2017	53.8
MC-MW-37R	826172.79	26722167.02	UMCf	1652.61	10/25/2017	53.8
MC-MW-37R2	826160.14	26722135.65	Unknown	1651.13	3/29/2018	53.8

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
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Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
MC-MW-38	826484.48	26722040.65	UMCf	1656.46	6/23/2014	50.97
					6/29/2015	62.3
					4/15/2016	56.63
					4/14/2017	52.39
					8/24/2017	53.52
					10/25/2017	50.69
MCF-01A	830905.30	26720244.86	UMCf	1409.44	1/16/2018	54.65
					3/26/2018	56.63
MCF-01B	830888.59	26720256.83	UMCf	1683.95	12/8/2014	45.87
					5/27/2015	53.24
					1/10/2018	52.95
					3/26/2018	62.58
MCF-03A	836835.26	26721058.78	UMCf	1409.23	1/17/2018	56.07
					3/27/2018	62.58
MCF-03B	836813.17	26721066.60	UMCf	1716.46	12/10/2014	0.06
					5/25/2015	0
					1/17/2018	0.07
					3/27/2018	0.04
MCF-05	832871.14	26728512.87	UMCf	1399.00	4/26/2016	0.01
					1/19/2018	0
					4/3/2018	0
MCF-06A-R	834929.39	26729028.09	UMCf	1267.00	4/28/2016	0
					1/24/2018	0
					4/9/2018	0.01
MCF-06B	834930.85	26729012.56	UMCf	1555.77	12/12/2014	0
					6/4/2015	0
					4/21/2016	0.01
					1/22/2018	0.01
					4/26/2018	0
MCF-06C	834945.70	26729004.80	UMCf	1578.78	4/19/2016	0
					4/9/2018	0
					4/12/2018	0
MCF-07	837113.59	26729569.85	UMCf	1250.07	4/3/2018	0
					4/10/2018	0
MCF-08A	827753.95	26733221.82	UMCf	1218.75	4/27/2016	0.88
MCF-08B-R	827786.62	26733202.26	UMCf	1461.05	4/27/2016	0.74
MCF-09A	831024.27	26723427.11	UMCf	1414.26	4/5/2018	0.71
MCF-09B	831019.19	26723449.62	UMCf	1578.00	1/10/2018	0.59
					4/5/2018	0.85
MCF-11	830656.16	26725461.46	UMCf	1559.25	1/16/2018	0.91
					4/12/2018	0.54
MCF-12B	840058.24	26727374.14	UMCf	1638.74	12/22/2014	0.71
					6/4/2015	0.62

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
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Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
MCF-16A	835886.90	26726023.30	UMCf	1315.17	1/18/2018	0.55
					4/3/2018	1
MCF-16B	835867.57	26726026.53	UMCf	1391.05	1/18/2018	1.05
					4/4/2018	1.21
MCF-16C	835846.38	26726030.18	Qal/UMCf	1626.88	12/17/2014	0.75
					6/8/2015	0.62
					1/18/2018	0.65
					4/4/2018	0.89
MCF-18A	831877.31	26731585.95	UMCf	1194.20	4/27/2016	0.71
MCF-20A	833381.19	26728860.07	UMCf	1262.99	4/27/2016	0.65
					4/3/2018	0.44
MCF-24A	833661.11	26725570.88	UMCf	1309.07	1/16/2018	0.06
					4/4/2018	0.01
MCF-24B	833839.35	26725619.34	UMCf	1520.00	1/17/2018	0
					4/5/2018	0
MCF-27	832488.10	26719293.06	UMCf	1415.53	1/16/2018	0.02
					3/27/2018	0.01
MCF-29A	833957.87	26733436.56	UMCf	1173.98	1/16/2015	0.01
MCF-29B	833954.70	26733444.92	UMCf	1378.52	1/16/2015	0
MCF-30A	836135.15	26733724.11	UMCf	1167.60	1/16/2015	0.02
MCF-30B	836130.63	26733707.02	UMCf	1374.84	1/16/2015	0.01
MCF-31A	838327.14	26733550.41	UMCf	1152.33	4/28/2016	0.01
MCF-31B	838313.65	26733552.59	UMCf	1303.41	4/28/2016	0.01
MCF-32A	835743.75	26724066.56	UMCf	1367.88	1/17/2018	0.01
					3/28/2018	0.01
MCF-32B	835753.14	26724074.91	UMCf	1578.31	1/11/2018	0.02
					3/27/2018	0.01
MCF-BW-09B	825735.13	26719452.86	UMCf	1693.63	4/14/2017	0.07
MCF-BW-10A	823621.72	26718620.39	UMCf	1712.81	6/24/2014	0.03
					5/5/2015	0.05
					4/18/2016	0.02
					4/14/2017	339.8
					4/19/2018	339.8
MW-01	825536.01	26715187.41	UMCf	1757.26	6/20/2014	274.67
					4/29/2015	254.85
					4/14/2016	201.05
					4/13/2017	1132.67
					4/16/2018	1104.36
MW-02	825639.84	26716364.20	xMcf/UMCf	1767.30	6/23/2014	1047.72
					4/29/2015	1047.72
					4/14/2016	934.45
					4/13/2017	481.39
					4/16/2018	679.6

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
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Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
MW-02(HEND)	838994.12	26734478.11	Unknown	1494.33	4/28/2016	368.12
MW-03	825354.12	26716390.46	xMCf/UMCf	1774.01	6/23/2014	538.02
					4/29/2015	2152.08
					4/14/2016	192.55
					4/13/2017	133.09
					4/16/2018	104.77
MW-04	825073.90	26716415.06	xMCf/UMCf	1770.38	6/23/2014	96.28
					4/29/2015	76.46
					4/14/2016	121.76
					4/13/2017	121.76
					4/16/2018	127.43
MW-04(HEND)	838288.65	26733551.66	Qal	1493.85	6/19/2015	138.75
					4/20/2016	130.26
					4/5/2018	0.04
					4/10/2018	0.02
MW-05(HEND)	840501.38	26733563.04	UMCf	1513.75	4/20/2016	0.02
					3/30/2018	0.02
					4/10/2018	0.02
MW-08	825564.56	26717925.04	UMCf	1515.95	6/26/2014	33.98
					4/21/2017	19.54
MW-10(HEND)	840223.23	26734019.86	Unknown	1493.40	4/28/2016	18.12
					3/30/2018	18.69
					4/11/2018	11.61
MW-11(HEND)	839738.37	26733930.02	Unknown	1479.53	4/20/2016	11.61
					3/30/2018	10.48
					4/11/2018	11.61
MW-12(HEND)	838999.98	26733800.85	Unknown	1490.09	4/21/2016	12.46
					4/24/2018	11.04
MW-13(HEND)	838306.91	26734740.22	Qal	1485.43	4/21/2016	13.88
MW-16	826447.19	26719904.81	UMCf	1720.05	5/12/2014	10.48
					2/5/2015	9.34
					5/22/2015	8.5
					5/27/2016	8.21
					5/9/2017	36.81
					5/14/2018	18.41
MW-16(HEND)	839608.26	26733555.46	Unknown	1492.19	4/23/2018	0.45
MW-17(HEND)	838927.15	26733560.50	Unknown	1498.32	4/23/2018	198.22
MW-18(HEND)	840946.07	26734674.06	Unknown	1483.67	4/20/2016	0.10
					3/30/2018	0.11
					4/12/2018	0.16
MW-19(HEND)	840519.92	26734875.25	Unknown	1488.03	4/26/2018	0.88
MW-20(HEND)	840590.44	26735460.67	Unknown	1453.64	4/22/2016	4.53
					4/25/2018	4.53

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Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
MW-22(HEND)	838780.43	26734441.10	Unknown	1488.95	4/23/2018	104.77
MW-23(HEND)	839163.36	26734232.20	Unknown	1486.29	4/24/2018	5.95
MW-25(HEND)	839862.89	26734833.85	Unknown	1483.34	4/21/2016	0.13
					4/24/2018	0.19
MW-AA	822059.00	26729177.00	Qal/xMCf	1632.75	4/29/2014	6.51
					4/23/2015	3.96
					4/20/2016	4.25
					5/7/2017	5.10
					5/10/2018	5.66
MW-AB	822535.00	26725941.00	Qal/xMCf	1655.95	4/29/2014	36.81
					4/23/2015	25.20
					4/12/2016	22.37
					5/2/2017	22.09
					5/9/2018	18.97
MW-AC	822686.00	26723991.00	Qal/xMCf	1681.80	4/29/2014	271.84
					5/14/2015	266.18
					4/12/2016	260.51
					5/16/2017	232.20
					4/22/2018	208.04
MW-AD	821179.00	26717406.00	UMCf	1769.30	4/27/2014	792.87
					4/29/2015	651.29
					4/19/2016	707.92
					4/30/2017	651.29
					4/11/2018	594.65
MW-AHX	823443.00	26721020.30	xMCf/UMCf	1678.10	5/1/2014	622.97
					5/21/2015	622.97
					6/14/2016	849.50
					5/16/2017	849.50
					4/24/2018	736.24
MW-AJ	826455.00	26726030.00	Qal/xMCf/UMCf	1629.30	4/22/2014	1500.79
					6/16/2014	962.77
						1614.06
					4/21/2015	1755.64
					4/11/2016	1585.74
					5/4/2016	1840.59
					4/10/2017	792.87
					6/28/2017	1415.84
					4/10/2018	1670.69
					5/9/2018	1665.96
MW-AL	819880.00	26712560.00	UMCf	1760.00	4/29/2014	1.25
					5/14/2015	3.96
					4/13/2016	1.08
					5/16/2017	3.96

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Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
MW-AL	819880.00	26712560.00	UMCf	1760.00	5/8/2018	1.81
MW-AX-72	818280.30	26714977.50	UMCf	1804.10	5/20/2014	339.80
					4/27/2015	594.65
					4/20/2016	339.80
					5/4/2017	138.75
					4/16/2018	79.06
MW-C	819813.00	26715809.70	UMCf	1795.40	5/20/2014	1245.94
					4/27/2015	651.29
					4/20/2016	509.70
					5/4/2017	472.89
					4/16/2018	453.07
MW-D2D	819110.50	26717312.60	UMCf	1772.30	4/29/2014	14441.57
					5/7/2015	12176.22
					5/2/2016	16140.58
					5/10/2017	15007.90
					4/11/2018	12090.68
MW-D2S	819110.50	26717312.60	UMCf	1809.20	4/29/2014	4530.69
					5/7/2015	4530.69
MW-E	815276.80	26715804.80	UMCf	1806.50	4/22/2014	1.64
					4/27/2015	1.08
					4/20/2016	1.39
					5/4/2017	1.25
					4/16/2018	0.93
MW-F2	820057.00	26719757.00	Qal/UMCf	1752.60	4/23/2014	1132.67
					5/7/2015	1019.40
					4/20/2016	962.77
					5/2/2017	1104.36
					4/24/2018	991.09
MW-I	817038.00	26717185.00	UMCf	1817.20	4/30/2014	5.10
					4/27/2015	4.25
					4/20/2016	4.25
					5/4/2017	3.96
					4/16/2018	3.40
MW-K	823523.00	26725991.00	Qal/xMCf	1648.60	4/17/2014	73.62
					5/14/2015	73.62
					4/13/2016	70.79
					5/2/2017	50.97
					5/10/2018	42.48
MW-K1	827777.00	26726810.00	xMCf	1618.55	4/17/2014	8.21
					4/21/2015	14.72
					4/13/2016	27.47
					5/7/2017	48.14
					5/9/2018	78.72

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Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
MW-K4	828994.26	26728410.91	xMCf	1585.63	1/15/2014	5380.19
					2/13/2014	5097.02
					3/13/2014	4813.86
					4/17/2014	4530.69
					4/21/2014	5097.02
					5/20/2014	4530.69
					6/12/2014	5663.36
					7/9/2014	6229.70
					8/7/2014	5946.53
					9/11/2014	6229.70
					10/15/2014	5097.02
					11/25/2014	3681.18
					12/29/2014	2520.20
					1/14/2015	2123.76
					2/12/2015	3114.85
					3/11/2015	3964.35
					4/16/2015	1529.11
					4/21/2015	2265.34
					5/19/2015	1387.52
					6/25/2015	1160.99
					7/15/2015	1160.99
					8/12/2015	1047.72
					9/17/2015	1019.40
					10/14/2015	821.19
					11/11/2015	651.29
					12/10/2015	906.14
					1/13/2016	1189.31
					2/11/2016	962.77
					3/10/2016	1104.36
					4/7/2016	934.45
4/19/2016	1019.40					
5/5/2016	849.50					
6/13/2016	594.65					
7/20/2016	481.39					
8/3/2016	509.70					
9/20/2016	1953.86					
10/12/2016	1189.31					
11/15/2016	1132.67					
5/4/2017	4247.52					
5/10/2017	4530.69					
11/7/2017	2350.29					
5/9/2018	1274.26					
5/10/2018	1160.99					

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Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
MW-K4	828994.26	26728410.91	xMCf	1585.63	11/6/2018	1472.47
MW-K5	829617.63	26730252.26	xMCf/UMCf	1559.41	1/15/2014	679.60
					2/13/2014	736.24
					3/13/2014	707.92
					4/17/2014	707.92
					4/21/2014	792.87
					5/20/2014	792.87
					6/12/2014	764.55
					7/9/2014	764.55
					8/7/2014	764.55
					9/11/2014	764.55
					10/15/2014	707.92
					11/25/2014	707.92
					12/29/2014	736.24
					1/15/2015	764.55
					2/12/2015	877.82
					3/12/2015	906.14
					4/16/2015	764.55
					4/17/2015	906.14
					5/19/2015	934.45
					6/24/2015	849.50
					7/15/2015	792.87
					8/12/2015	792.87
					9/16/2015	792.87
					10/14/2015	821.19
					11/11/2015	934.45
					12/10/2015	232.20
					1/13/2016	566.34
					2/11/2016	622.97
					3/10/2016	764.55
					4/7/2016	368.12
4/19/2016	538.02					
5/5/2016	481.39					
6/13/2016	877.82					
7/20/2016	821.19					
8/3/2016	849.50					
9/20/2016	622.97					
10/12/2016	622.97					
11/15/2016	736.24					
5/4/2017	906.14					
5/10/2017	821.19					
11/7/2017	849.50					
5/9/2018	934.45					

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
Phase 6 Groundwater Flow and Transport Model
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Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
MW-K5	829617.63	26730252.26	xMCf/UMCf	1559.41	5/10/2018	792.87
					11/6/2018	1076.04
MW-R	825423.00	26725016.00	Qal/xMCf	1641.90	4/21/2014	1699.01
					6/16/2014	1444.16
					4/21/2015	1897.23
					4/23/2015	2095.44
					4/8/2016	1868.91
					4/13/2016	2038.81
					4/10/2017	877.82
					4/11/2017	1755.64
					4/10/2018	1500.79
MW-S	826941.00	26730853.00	Qal/xMCf/UMCf	1576.20	4/30/2014	396.44
					4/16/2015	566.34
					5/4/2016	906.14
					5/10/2017	821.19
					5/9/2018	817.12
MW-T	826644.00	26732347.00	Qal/xMCf/UMCf	1562.20	4/21/2014	42.48
					5/11/2015	31.15
					4/26/2016	42.48
					4/19/2017	31.15
					4/30/2018	28.32
MW-U	826312.00	26733219.00	Qal/xMCf/UMCf	1563.50	4/21/2014	6.80
					4/27/2015	3.96
					5/16/2016	3.11
					5/15/2017	3.11
					4/25/2018	3.95
MW-V	825243.00	26733189.00	Qal/UMCf	1575.20	4/21/2014	5.10
					4/27/2015	4.81
					4/19/2016	5.66
					4/19/2017	5.10
					4/25/2018	5.34
MW-X	817139.00	26718995.00	Qal/xMCf/UMCf	1795.20	4/22/2014	5.95
					4/27/2015	6.51
					4/18/2016	5.95
					5/4/2017	5.66
					6/6/2018	5.66
MWSW1-D1	829200.31	26719789.66	Qal	1722.88	4/7/2017	65.13
MWSW1-U1	829224.48	26719474.08	Qal	1727.03	4/7/2017	67.96
NX-17	823645.90	26727961.68	Qal/xMCf	1624.30	4/30/2014	24.92
					5/13/2015	21.24
					5/3/2016	18.41
					4/23/2018	13.31

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
Phase 6 Groundwater Flow and Transport Model
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Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
NY-15	823414.10	26727670.20	Qal/xMCf	1626.90	4/22/2014	24.07
					5/13/2015	20.67
					5/2/2016	16.42
					5/7/2017	16.42
					4/29/2018	17.27
OX-16	824203.08	26727965.13	Qal/xMCf	1619.90	4/28/2014	39.64
					5/13/2015	28.32
					5/3/2016	23.50
					5/16/2017	24.64
					4/23/2018	20.95
OY-8	824123.60	26728244.00	Qal/xMCf	1613.60	4/17/2014	23.50
					5/13/2015	20.10
					4/12/2016	20.39
					4/10/2017	20.39
					4/29/2018	16.14
PC-2	830443.03	26730209.92	Qal	1570.45	5/7/2014	84.95
					5/20/2015	90.61
					5/10/2016	48.14
					5/4/2017	25.77
					5/9/2018	22.65
PC-4	831171.41	26730353.96	Qal	1567.40	5/21/2014	198.22
					5/20/2015	212.38
					5/10/2016	195.39
					5/4/2017	172.73
					5/9/2018	181.23
PC-18	828635.95	26728080.09	Qal	1587.04	1/15/2014	3398.02
					2/14/2014	3398.02
					3/12/2014	3681.18
					4/17/2014	3114.85
					5/21/2014	2775.05
					6/12/2014	3398.02
					7/8/2014	3398.02
					8/8/2014	3114.85
					9/10/2014	3681.18
					10/14/2014	4247.52
					11/24/2014	3398.02
					12/30/2014	3681.18
					1/14/2015	3398.02
					2/13/2015	3964.35
					3/11/2015	4247.52
4/17/2015	3681.18					
5/27/2015	3964.35					
6/23/2015	3681.18					

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
Phase 6 Groundwater Flow and Transport Model
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Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
PC-18	828635.95	26728080.09	Qal	1587.04	7/16/2015	3114.85
					8/12/2015	2605.15
					9/16/2015	3114.85
					10/14/2015	1500.79
					11/11/2015	3398.02
					12/11/2015	2378.61
					1/20/2016	2265.34
					2/12/2016	3398.02
					3/10/2016	2435.24
					4/7/2016	2067.13
					5/6/2016	2152.08
					6/9/2016	2321.98
					7/20/2016	2491.88
					8/3/2016	1359.21
					9/14/2016	1727.32
					10/12/2016	3114.85
11/15/2016	1500.79					
5/4/2017	1982.18					
11/7/2017	3398.02					
5/10/2018	2350.29					
11/9/2018	2831.68					
PC-21A	829267.35	26721336.20	Qal/xMCf/UMCf	1698.50	5/8/2014	59.47
					1/12/2015	67.96
					5/26/2015	79.29
					5/12/2016	62.30
					5/8/2017	62.30
					5/11/2018	70.79
PC-24	829523.90	26726730.09	Qal	1611.61	5/6/2014	877.82
					1/14/2015	453.07
					5/5/2015	736.24
					5/9/2016	172.73
					5/5/2017	124.59
					5/10/2018	104.77
PC-28	828530.30	26725375.96	Qal	1636.44	5/8/2014	3114.85
					6/13/2014	4813.86
					1/14/2015	5663.36
					4/20/2015	5097.02
					5/28/2015	3114.85
					4/8/2016	4813.86
					5/11/2016	5663.36
					4/10/2017	6229.70
					5/8/2017	4247.52
4/10/2018	6229.70					

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
Phase 6 Groundwater Flow and Transport Model
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Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
PC-28	828530.30	26725375.96	Qal	1636.44	5/11/2018	4813.86
PC-31	826781.39	26725196.08	Qal	1626.17	5/8/2014	707.92
					6/13/2014	178.40
					4/20/2015	934.45
					5/28/2015	1132.67
					4/8/2016	877.82
					5/11/2016	877.82
					4/10/2017	877.82
					5/8/2017	991.09
					4/10/2018	991.09
5/11/2018	1019.40					
PC-37	826611.96	26722172.38	Qal	1677.31	2/6/2014	9627.71
					5/8/2014	9344.54
					8/13/2014	9910.88
					12/5/2014	10760.38
					2/24/2015	10194.05
					5/27/2015	10194.05
					8/4/2015	9627.71
					11/3/2015	10194.05
					2/15/2016	9910.88
					5/11/2016	8211.87
					8/8/2016	8211.87
					11/21/2016	11326.72
					5/8/2017	9061.38
					8/24/2017	7362.37
10/25/2017	8495.04					
PC-40	826476.81	26723971.53	Qal	1641.89	5/8/2014	7.36
					1/13/2015	10.19
					5/26/2015	17.84
					5/11/2016	1.16
					5/9/2017	0.07
					8/21/2017	9.34
					10/26/2017	10.76
PC-40R	826511.22	26723920.75	Qal	1642.56	3/29/2018	15.86
					5/11/2018	104.77
PC-50	828326.61	26726722.56	Qal/xMCf/UMCf	1606.95	5/6/2014	3681.18
					5/5/2015	3398.02
					5/9/2016	2661.78
					6/16/2017	2435.24
					5/10/2018	1415.84
PC-53	829940.98	26730225.73	Qal	1570.77	1/15/2014	73.62
					2/13/2014	82.12
					3/13/2014	70.79

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
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Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
PC-53	829940.98	26730225.73	Qal	1570.77	4/17/2014	70.79
					5/20/2014	76.46
					6/12/2014	84.95
					7/9/2014	82.12
					8/7/2014	76.46
					9/11/2014	76.46
					10/15/2014	65.13
					11/25/2014	53.80
					12/29/2014	50.97
					1/15/2015	53.80
					2/12/2015	62.30
					3/12/2015	59.47
					4/17/2015	56.63
					5/19/2015	56.63
					6/24/2015	59.47
					7/15/2015	59.47
					8/12/2015	50.97
					9/16/2015	53.80
					10/14/2015	53.80
					11/11/2015	70.79
					12/10/2015	5.10
					1/13/2016	39.64
					2/11/2016	45.31
					3/10/2016	45.31
					4/7/2016	21.24
					5/5/2016	31.15
6/13/2016	42.48					
7/20/2016	39.64					
8/3/2016	45.31					
9/20/2016	33.98					
10/12/2016	39.64					
11/15/2016	45.31					
5/3/2017	27.18					
11/7/2017	22.94					
5/9/2018	36.81					
11/6/2018	33.98					
PC-54	828296.24	26722067.82	Qal	1682.40	2/5/2014	5946.53
					4/10/2014	5663.36
					5/8/2014	5380.19
					8/13/2014	6229.70
					12/4/2014	6796.03
					1/13/2015	7362.37
2/24/2015	7645.54					

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
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Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
PC-54	828296.24	26722067.82	Qal	1682.40	4/2/2015	6796.03
					5/26/2015	8211.87
					8/4/2015	7079.20
					11/3/2015	7928.70
					2/15/2016	7645.54
					5/12/2016	7645.54
					8/8/2016	6512.86
					11/17/2016	8495.04
					4/6/2017	6512.86
					5/8/2017	6512.86
					11/8/2017	8211.87
					4/20/2018	6229.70
5/11/2018	6512.86					
11/7/2018	7079.20					
PC-55	828530.36	26728057.26	Qal	1582.78	1/16/2014	62.30
					2/14/2014	82.12
					3/13/2014	73.62
					4/16/2014	107.60
					5/21/2014	70.79
					6/13/2014	96.28
					7/10/2014	90.61
					8/8/2014	87.78
					9/12/2014	93.45
					10/15/2014	101.94
					11/25/2014	79.29
					12/30/2014	87.78
					1/15/2015	90.61
					2/13/2015	96.28
					3/11/2015	93.45
					4/17/2015	90.61
					5/27/2015	124.59
					6/9/2015	50.97
					7/16/2015	107.60
					8/13/2015	124.59
					9/17/2015	101.94
					10/15/2015	130.26
					11/12/2015	50.97
					12/11/2015	169.90
1/14/2016	144.42					
2/12/2016	152.91					
3/10/2016	118.93					
4/7/2016	101.94					
5/6/2016	141.58					

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
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Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
PC-55	828530.36	26728057.26	Qal	1582.78	6/9/2016	150.08
					7/20/2016	172.73
					8/10/2016	167.07
					9/14/2016	164.24
					10/12/2016	62.30
					11/15/2016	736.24
					5/4/2017	651.29
					11/7/2017	679.60
					5/9/2018	566.34
11/7/2018	707.92					
PC-56	830645.22	26732289.58	Qal/xMCf/UMCf	1543.73	1/15/2014	509.70
					2/12/2014	453.07
					3/12/2014	481.39
					4/16/2014	509.70
					5/16/2014	509.70
					6/11/2014	566.34
					7/8/2014	566.34
					8/5/2014	566.34
					9/10/2014	566.34
					10/14/2014	538.02
					11/24/2014	509.70
					12/22/2014	622.97
					1/13/2015	594.65
					2/10/2015	651.29
					3/9/2015	679.60
					4/16/2015	651.29
					5/14/2015	679.60
					6/23/2015	622.97
					7/14/2015	622.97
					8/11/2015	594.65
					9/15/2015	594.65
					10/13/2015	594.65
					11/10/2015	622.97
					12/9/2015	538.02
					1/12/2016	594.65
					2/10/2016	339.80
					3/14/2016	396.44
4/6/2016	424.75					
5/4/2016	566.34					
6/8/2016	277.50					
7/19/2016	538.02					
8/2/2016	509.70					
9/13/2016	566.34					

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
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Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
PC-56	830645.22	26732289.58	Qal/xMCf/UMCf	1543.73	10/11/2016	566.34
					11/14/2016	679.60
					5/3/2017	509.70
					11/6/2017	538.02
					5/8/2018	93.45
					11/6/2018	130.26
PC-58	831123.70	26732118.22	Qal	1553.91	1/15/2014	84.95
					2/12/2014	50.97
					3/12/2014	53.80
					4/16/2014	56.63
					5/16/2014	65.13
					6/11/2014	82.12
					7/8/2014	79.29
					8/5/2014	93.45
					9/10/2014	96.28
					10/14/2014	135.92
					11/24/2014	152.91
					12/22/2014	158.57
					1/13/2015	130.26
					2/10/2015	144.42
					3/9/2015	101.94
					4/16/2015	104.77
					5/14/2015	130.26
					6/23/2015	144.42
					7/14/2015	118.93
					8/11/2015	118.93
					9/15/2015	67.96
					10/13/2015	84.95
					11/10/2015	116.10
					12/9/2015	101.94
					1/12/2016	184.06
					2/10/2016	93.45
3/14/2016	84.95					
4/6/2016	99.11					
5/4/2016	50.97					
6/8/2016	118.93					
7/19/2016	201.05					
8/2/2016	124.59					
9/13/2016	107.60					
10/11/2016	113.27					
11/14/2016	107.60					
5/3/2017	53.80					
11/6/2017	56.63					

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
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Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
PC-58	831123.70	26732118.22	Qal	1553.91	5/8/2018	39.64
					11/6/2018	33.98
PC-59	830149.88	26732452.63	Qal/xMCf/UMCf	1553.38	1/15/2014	104.77
					2/12/2014	107.60
					3/12/2014	107.60
					4/16/2014	127.43
					5/16/2014	130.26
					6/11/2014	133.09
					7/8/2014	135.92
					8/5/2014	118.93
					9/10/2014	110.44
					10/14/2014	124.59
					11/24/2014	90.61
					12/22/2014	96.28
					1/13/2015	76.46
					2/10/2015	76.46
					3/9/2015	70.79
					4/16/2015	65.13
					5/14/2015	67.96
					6/23/2015	65.13
					7/14/2015	65.13
					8/11/2015	70.79
					9/15/2015	62.30
					10/13/2015	67.96
					11/10/2015	76.46
					12/9/2015	53.80
					1/12/2016	39.64
					2/10/2016	36.81
					3/14/2016	45.31
					4/6/2016	36.81
5/4/2016	39.64					
6/8/2016	42.48					
7/19/2016	36.81					
8/2/2016	33.98					
9/13/2016	33.98					
10/11/2016	33.98					
11/14/2016	33.98					
5/3/2017	53.80					
11/6/2017	36.81					
5/8/2018	65.13					
11/6/2018	62.30					
PC-60	830404.92	26732358.91	Qal	1551.64	1/15/2014	59.47
					2/12/2014	53.80

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
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Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
PC-60	830404.92	26732358.91	Qal	1551.64	3/12/2014	53.80
					4/16/2014	48.14
					5/16/2014	48.14
					6/11/2014	59.47
					7/8/2014	45.31
					8/5/2014	53.80
					9/10/2014	48.14
					10/14/2014	45.31
					11/24/2014	39.64
					12/22/2014	42.48
					1/13/2015	36.81
					2/10/2015	42.48
					3/9/2015	36.81
					4/16/2015	33.98
					5/14/2015	31.15
					6/23/2015	31.15
					7/14/2015	28.32
					8/11/2015	31.15
					9/15/2015	28.32
					10/13/2015	26.90
					11/10/2015	25.20
					12/9/2015	25.77
					1/12/2016	33.98
					2/10/2016	23.79
					3/14/2016	33.98
					4/6/2016	67.96
5/4/2016	164.24					
6/8/2016	164.24					
7/19/2016	161.41					
8/2/2016	155.74					
9/13/2016	127.43					
10/11/2016	110.44					
11/14/2016	93.45					
5/3/2017	113.27					
11/6/2017	25.20					
5/8/2018	130.26					
11/7/2018	36.81					
PC-62	829764.07	26732733.58	Qal/xMCf/UMCf	1550.63	1/15/2014	6.23
					2/12/2014	5.95
					3/12/2014	3.40
					4/16/2014	2.58
					5/16/2014	2.21
					6/11/2014	1.78

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
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Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
PC-62	829764.07	26732733.58	Qal/xMCf/UMCf	1550.63	7/8/2014	2.29
					8/5/2014	3.11
					9/10/2014	4.53
					10/14/2014	6.51
					11/24/2014	5.10
					12/22/2014	5.95
					1/13/2015	4.53
					2/11/2015	2.83
					3/9/2015	2.49
					4/16/2015	1.64
					5/19/2015	1.30
					6/23/2015	1.36
					7/14/2015	1.19
					8/11/2015	1.30
					9/15/2015	0.96
					10/13/2015	0.27
					11/10/2015	0.26
					12/11/2015	0.02
					1/13/2016	6.51
					2/8/2016	14.16
					2/10/2016	7.65
					3/14/2016	0.93
					4/6/2016	1.02
					5/4/2016	19.54
6/8/2016	22.37					
7/19/2016	12.18					
8/2/2016	9.91					
9/13/2016	6.23					
10/11/2016	3.96					
11/14/2016	6.80					
5/2/2017	4.53					
11/6/2017	1.50					
5/8/2018	3.68					
11/6/2018	0.31					
PC-64	827916.14	26723702.63	Qal	1664.14	4/14/2014	7645.54
					5/8/2014	7362.37
					6/13/2014	7079.20
					1/13/2015	8495.04
					4/2/2015	7362.37
					4/20/2015	9061.38
					5/28/2015	8778.21
					4/11/2016	6796.03
5/11/2016	9061.38					

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
Phase 6 Groundwater Flow and Transport Model
Nevada Environmental Response Trust Site
Henderson, Nevada

Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
PC-64	827916.14	26723702.63	Qal	1664.14	4/5/2017	8495.04
					4/12/2017	7079.20
					5/8/2017	6796.03
					4/10/2018	8211.87
					4/23/2018	7645.54
					5/11/2018	9344.54
PC-65	828386.88	26723682.68	Qal	1664.70	4/10/2014	3114.85
					5/8/2014	3114.85
					1/13/2015	4530.69
					4/2/2015	3398.02
					5/28/2015	4247.52
					5/11/2016	3398.02
					4/5/2017	3114.85
					5/8/2017	2803.36
					4/23/2018	2831.68
					5/11/2018	3398.02
PC-66	828779.18	26723967.18	Qal/xMCf/UMCf	1657.14	4/10/2014	6512.86
					5/8/2014	5663.36
					1/14/2015	7645.54
					4/2/2015	6512.86
					6/2/2015	7928.70
					5/11/2016	6796.03
					4/5/2017	6796.03
					5/5/2017	6796.03
					4/23/2018	6512.86
					5/11/2018	6512.86
PC-67	829207.43	26723846.98	Qal	1651.21	4/9/2014	453.07
					5/8/2014	849.50
					1/14/2015	396.44
					4/1/2015	368.12
					5/28/2015	566.34
					5/11/2016	424.75
					4/5/2017	311.48
					5/8/2017	311.48
					4/23/2018	339.80
					5/11/2018	396.44
PC-68	829616.85	26732906.77	Qal/xMCf/UMCf	1541.54	1/15/2014	0.04
					2/12/2014	0.04
					3/12/2014	0.04
					4/16/2014	0.04
					5/16/2014	0.04
					6/11/2014	0.04
					7/8/2014	0.04

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
Phase 6 Groundwater Flow and Transport Model
Nevada Environmental Response Trust Site
Henderson, Nevada

Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
PC-68	829616.85	26732906.77	Qal/xMCf/UMCf	1541.54	8/5/2014	0.04
					9/10/2014	0.04
					10/14/2014	0.04
					11/24/2014	0.04
					12/22/2014	0.04
					1/13/2015	0.04
					2/11/2015	0.13
					3/11/2015	0.04
					4/16/2015	0.04
					5/19/2015	0.04
					6/23/2015	0.04
					7/15/2015	0.04
					8/11/2015	0.04
					9/15/2015	0.04
					10/13/2015	0.07
					11/10/2015	0.02
					12/11/2015	0.01
					1/13/2016	0.01
					2/10/2016	0.71
					3/14/2016	0.01
4/6/2016	0.04					
5/4/2016	0.01					
6/8/2016	0.20					
7/19/2016	0.01					
8/2/2016	0.01					
9/13/2016	0.06					
10/11/2016	0.01					
PC-71	826805.39	26722688.14	Qal/xMCf/UMCf	1675.08	2/5/2014	11326.72
					5/8/2014	15007.90
					8/13/2014	11609.89
					12/4/2014	11893.06
					2/24/2015	12459.39
					5/26/2015	16706.91
					8/4/2015	16140.58
					11/3/2015	11326.72
					2/15/2016	14158.40
					5/11/2016	12176.22
					8/8/2016	11326.72
					11/17/2016	14158.40
					5/8/2017	8495.04
8/24/2017	7928.70					
10/27/2017	11893.06					
11/8/2017	9344.54					

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
Phase 6 Groundwater Flow and Transport Model
Nevada Environmental Response Trust Site
Henderson, Nevada

Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
PC-71	826805.39	26722688.14	Qal/xMCf/UMCf	1675.08	5/11/2018	9061.38
					11/7/2018	8778.21
PC-72	826604.45	26722688.85	Qal	1671.70	2/6/2014	7928.70
					5/8/2014	5663.36
					8/13/2014	5663.36
					12/4/2014	6229.70
					2/24/2015	7645.54
					5/26/2015	15007.90
					8/4/2015	7645.54
					11/3/2015	9627.71
					2/15/2016	8495.04
					5/11/2016	8778.21
					8/8/2016	6796.03
					11/17/2016	10477.22
					5/8/2017	7645.54
					8/24/2017	8495.04
					10/26/2017	7928.70
PC-73	826404.59	26722695.23	Qal	1665.00	2/6/2014	11326.72
					5/8/2014	10477.22
					8/13/2014	11326.72
					12/4/2014	12742.56
					2/24/2015	15007.90
					5/26/2015	12176.22
					8/4/2015	14724.74
					11/3/2015	14724.74
					2/15/2016	13025.73
					5/11/2016	14441.57
					8/8/2016	13875.23
					11/21/2016	21237.60
					5/8/2017	15007.90
					8/23/2017	17556.42
					10/25/2017	16423.74
PC-74	829203.18	26734003.83	Qal	1520.06	5/6/2014	12.18
					5/5/2015	13.31
					4/29/2016	48.14
					5/19/2016	39.64
					5/3/2017	39.64
					5/8/2018	27.18
PC-76	829183.40	26734007.04	Qal	1547.05	4/29/2016	22.65
PC-77	829031.24	26733568.34	Qal	1532.32	5/6/2014	90.61

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
Phase 6 Groundwater Flow and Transport Model
Nevada Environmental Response Trust Site
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Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
PC-77	829031.24	26733568.34	Qal	1532.32	5/5/2015	82.12
					4/21/2016	79.29
					5/19/2016	73.62
					5/3/2017	67.96
					5/8/2018	65.13
PC-78	829032.96	26733560.54	Qal	1550.40	4/21/2016	82.12
PC-79	829814.91	26733246.96	Qal	1531.33	5/6/2014	42.48
					5/6/2015	33.98
					5/9/2016	42.48
					5/2/2017	15.86
					5/8/2018	24.64
PC-82	830316.71	26733195.35	Qal	1513.17	5/6/2014	16.14
					5/6/2015	0.37
					5/9/2016	0.28
					5/2/2017	0.35
					5/8/2018	0.03
PC-86	830827.22	26733185.95	Qal	1536.67	1/15/2014	5.66
					2/12/2014	7.93
					3/12/2014	6.23
					4/16/2014	7.08
					5/16/2014	6.23
					6/11/2014	7.08
					7/10/2014	7.36
					8/5/2014	7.08
					9/10/2014	8.50
					10/14/2014	6.80
					11/24/2014	4.81
					12/22/2014	5.66
					1/13/2015	5.10
					2/11/2015	4.53
					3/11/2015	4.81
					4/16/2015	3.96
					5/19/2015	6.23
					6/23/2015	1.90
					7/15/2015	1.39
					8/11/2015	1.13
9/15/2015	1.25					
10/13/2015	0.62					
11/10/2015	0.85					
12/11/2015	0.23					
1/13/2016	0.22					
2/8/2016	0.01					
2/10/2016	0.07					

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
Phase 6 Groundwater Flow and Transport Model
Nevada Environmental Response Trust Site
Henderson, Nevada

Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
PC-86	830827.22	26733185.95	Qal	1536.67	3/14/2016	3.96
					4/6/2016	20.39
					5/4/2016	5.10
					6/8/2016	6.23
					7/19/2016	8.78
					8/2/2016	9.06
					9/13/2016	7.65
					10/11/2016	5.95
					11/14/2016	4.25
					5/3/2017	5.10
					11/7/2017	2.18
					5/8/2018	6.23
11/5/2018	0.01					
PC-90	831271.57	26733192.94	Qal	1541.14	1/15/2014	181.23
					2/12/2014	209.54
					3/12/2014	232.20
					4/16/2014	161.41
					5/16/2014	147.25
					6/11/2014	155.74
					7/8/2014	107.60
					8/5/2014	107.60
					9/10/2014	104.77
					10/14/2014	110.44
					11/24/2014	96.28
					12/22/2014	124.59
					1/13/2015	118.93
					2/11/2015	181.23
					3/9/2015	167.07
					4/16/2015	158.57
					5/14/2015	152.91
					6/23/2015	141.58
					7/14/2015	113.27
					8/11/2015	124.59
					9/15/2015	135.92
					10/13/2015	147.25
					11/10/2015	339.80
					12/9/2015	175.56
1/12/2016	311.48					
2/8/2016	339.80					
2/10/2016	424.75					
3/14/2016	252.02					
4/6/2016	254.85					
5/4/2016	339.80					

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
Phase 6 Groundwater Flow and Transport Model
Nevada Environmental Response Trust Site
Henderson, Nevada

Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
PC-90	831271.57	26733192.94	Qal	1541.14	6/8/2016	396.44
					7/19/2016	424.75
					8/2/2016	396.44
					9/13/2016	339.80
					10/11/2016	396.44
					11/15/2016	283.17
					5/3/2017	189.72
					11/7/2017	271.84
					5/8/2018	283.17
11/5/2018	274.67					
PC-91	831730.00	26733100.00	Qal	1535.80	1/15/2014	178.40
					2/12/2014	178.40
					3/12/2014	169.90
					4/16/2014	135.92
					5/16/2014	116.10
					6/11/2014	107.60
					7/8/2014	93.45
					8/5/2014	84.95
					9/10/2014	73.62
					10/14/2014	90.61
					11/24/2014	67.96
					12/22/2014	82.12
					1/13/2015	73.62
					2/11/2015	84.95
					3/9/2015	90.61
					4/16/2015	84.95
					5/14/2015	79.29
					6/23/2015	79.29
					7/14/2015	67.96
					8/11/2015	73.62
					9/15/2015	70.79
					10/13/2015	73.62
					11/10/2015	90.61
					12/9/2015	73.62
1/12/2016	76.46					
2/10/2016	73.62					
2/11/2016	79.29					
3/14/2016	70.79					
4/6/2016	56.63					
5/4/2016	59.47					
6/8/2016	70.79					
7/19/2016	56.63					
8/2/2016	53.80					

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
Phase 6 Groundwater Flow and Transport Model
Nevada Environmental Response Trust Site
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Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
PC-91	831730.00	26733100.00	Qal	1535.80	9/13/2016	48.14
					10/11/2016	45.31
					11/14/2016	45.31
					5/3/2017	62.30
					11/6/2017	21.80
					5/8/2018	20.39
					11/5/2018	118.93
PC-92	831749.00	26733100.00	Qal	1520.46	2/12/2014	209.54
					5/16/2014	127.43
					5/14/2015	45.31
					5/4/2016	206.71
PC-94	832188.77	26733122.74	Qal	1535.58	2/12/2014	453.07
					5/16/2014	424.75
					8/5/2014	481.39
					12/5/2014	566.34
					2/11/2015	651.29
					5/14/2015	651.29
					8/11/2015	566.34
					11/10/2015	566.34
					2/10/2016	566.34
					5/4/2016	622.97
					8/2/2016	622.97
					11/14/2016	566.34
					5/3/2017	339.80
					11/7/2017	21.24
5/8/2018	178.40					
11/5/2018	113.27					
PC-96	830896.37	26733451.04	Qal	1518.52	5/6/2014	82.12
					5/5/2015	70.79
					5/19/2016	56.63
					5/3/2017	53.80
					5/8/2018	48.14
PC-97	831565.43	26733441.67	Qal	1520.88	1/15/2014	70.79
					2/12/2014	59.47
					3/12/2014	42.48
					4/16/2014	39.64
					5/16/2014	33.98
					6/11/2014	42.48
					7/8/2014	45.31
					8/5/2014	48.14
					9/10/2014	50.97
					10/14/2014	62.30
11/24/2014	53.80					

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
Phase 6 Groundwater Flow and Transport Model
Nevada Environmental Response Trust Site
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Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
PC-97	831565.43	26733441.67	Qal	1520.88	12/22/2014	56.63
					1/13/2015	45.31
					2/12/2015	45.31
					3/9/2015	48.14
					4/16/2015	50.97
					5/14/2015	48.14
					6/23/2015	39.64
					7/14/2015	36.81
					8/11/2015	36.81
					9/15/2015	31.15
					10/13/2015	24.07
					11/10/2015	28.03
					12/9/2015	20.95
					1/12/2016	17.84
					2/8/2016	8.78
					2/10/2016	15.01
					3/14/2016	50.97
					4/6/2016	11.61
					5/4/2016	19.54
					6/8/2016	27.75
7/19/2016	31.15					
8/2/2016	23.79					
9/13/2016	24.64					
10/11/2016	22.65					
11/14/2016	21.80					
5/2/2017	24.64					
11/7/2017	101.94					
5/8/2018	23.79					
11/5/2018	36.81					
PC-98R	829522.36	26730261.00	Qal	1565.68	1/15/2014	707.92
					2/13/2014	679.60
					3/13/2014	736.24
					4/17/2014	707.92
					5/20/2014	736.24
					6/12/2014	764.55
					7/9/2014	821.19
					8/7/2014	764.55
					9/11/2014	906.14
					10/15/2014	906.14
					11/25/2014	877.82
					12/30/2014	877.82
					1/14/2015	792.87
2/18/2015	877.82					

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
Phase 6 Groundwater Flow and Transport Model
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Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
PC-98R	829522.36	26730261.00	Qal	1565.68	3/11/2015	1019.40
					4/21/2015	934.45
					5/20/2015	906.14
					6/9/2015	962.77
					7/15/2015	906.14
					8/13/2015	934.45
					9/17/2015	962.77
					10/15/2015	962.77
					11/12/2015	1104.36
					12/10/2015	651.29
					1/14/2016	240.69
					2/11/2016	594.65
					3/10/2016	849.50
					4/7/2016	453.07
					5/5/2016	991.09
					6/9/2016	1076.04
					7/20/2016	1047.72
					8/3/2016	1076.04
					9/20/2016	906.14
					10/12/2016	962.77
11/15/2016	1132.67					
5/4/2017	962.77					
11/7/2017	1104.36					
5/9/2018	622.97					
11/6/2018	538.02					
PC-99R2/R3	831258.35	26733155.60	Qal	1521.39	1/8/2014	481.39
					2/3/2014	396.44
					3/6/2014	368.12
					4/7/2014	368.12
					5/5/2014	396.44
					6/3/2014	424.75
					7/1/2014	509.70
					8/4/2014	481.39
					9/3/2014	566.34
					10/7/2014	566.34
					11/3/2014	481.39
					12/1/2014	481.39
					1/5/2015	566.34
					2/2/2015	509.70
					3/3/2015	538.02
					4/6/2015	566.34
					5/4/2015	538.02
6/1/2015	566.34					

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
Phase 6 Groundwater Flow and Transport Model
Nevada Environmental Response Trust Site
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Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
PC-99R2/R3	831258.35	26733155.60	Qal	1521.39	7/6/2015	566.34
					8/3/2015	566.34
					9/8/2015	566.34
					10/5/2015	566.34
					11/2/2015	594.65
					12/3/2015	566.34
					1/5/2016	594.65
					2/5/2016	509.70
					2/12/2016	566.34
					3/7/2016	396.44
					4/4/2016	453.07
					5/2/2016	481.39
					6/13/2016	509.70
					7/5/2016	481.39
					8/1/2016	509.70
					9/6/2016	424.75
					10/18/2016	481.39
					11/14/2016	481.39
					12/19/2016	566.34
					1/16/2017	538.02
					2/15/2017	339.80
					3/20/2017	311.48
					4/12/2017	396.44
					5/11/2017	481.39
					6/13/2017	566.34
					7/11/2017	594.65
					8/16/2017	538.02
					9/12/2017	566.34
					10/4/2017	538.02
					11/1/2017	566.34
					12/6/2017	566.34
					1/3/2018	424.75
2/6/2018	212.38					
3/6/2018	311.48					
4/4/2018	266.18					
5/9/2018	124.59					
6/6/2018	311.48					
7/18/2018	424.75					
8/14/2018	453.07					
9/6/2018	481.39					
10/9/2018	481.39					
11/7/2018	368.12					
12/10/2018	368.12					

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
Phase 6 Groundwater Flow and Transport Model
Nevada Environmental Response Trust Site
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Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
PC-101R	828711.65	26728107.93	Qal	1583.85	1/15/2014	223.70
					2/13/2014	246.36
					3/13/2014	622.97
					4/17/2014	2831.68
					5/20/2014	736.24
					6/12/2014	260.51
					7/9/2014	396.44
					8/7/2014	594.65
					9/11/2014	3398.02
					10/15/2014	3398.02
					11/25/2014	3398.02
					12/29/2014	3114.85
					1/15/2015	3114.85
					2/12/2015	3964.35
					3/12/2015	3398.02
					4/21/2015	3681.18
					5/20/2015	3114.85
					6/25/2015	2803.36
					7/15/2015	3114.85
					8/12/2015	566.34
					9/17/2015	2803.36
					10/14/2015	594.65
					11/12/2015	4530.69
					12/10/2015	2293.66
					1/13/2016	311.48
					2/11/2016	311.48
					3/10/2016	311.48
					4/7/2016	260.51
					5/5/2016	280.34
					6/13/2016	311.48
7/19/2016	396.44					
8/3/2016	453.07					
9/14/2016	566.34					
10/12/2016	849.50					
11/15/2016	594.65					
5/8/2017	792.87					
11/7/2017	1444.16					
5/9/2018	1132.67					
11/6/2018	1274.26					
PC-103	829110.59	26730205.91	Qal	1578.06	1/15/2014	396.44
					2/13/2014	509.70
					3/13/2014	481.39
					4/17/2014	509.70

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
Phase 6 Groundwater Flow and Transport Model
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Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
PC-103	829110.59	26730205.91	Qal	1578.06	5/20/2014	509.70
					6/12/2014	594.65
					7/9/2014	622.97
					8/7/2014	566.34
					9/11/2014	594.65
					10/15/2014	509.70
					11/25/2014	481.39
					12/30/2014	538.02
					1/14/2015	538.02
					2/18/2015	679.60
					3/11/2015	707.92
					4/21/2015	651.29
					5/20/2015	651.29
					6/25/2015	509.70
					7/15/2015	594.65
					8/12/2015	509.70
					9/17/2015	566.34
					10/15/2015	622.97
					11/12/2015	622.97
					12/10/2015	594.65
					1/14/2016	707.92
					2/12/2016	792.87
					3/10/2016	792.87
					4/7/2016	594.65
					5/5/2016	538.02
					6/9/2016	509.70
7/20/2016	509.70					
8/3/2016	622.97					
9/20/2016	566.34					
10/12/2016	566.34					
11/15/2016	906.14					
5/3/2017	243.52					
11/7/2017	311.48					
5/9/2018	283.17					
11/19/2018	0.85					
PC-107	827136.13	26729287.90	Qal	1601.90	4/28/2014	1670.69
					5/7/2014	1500.79
					4/23/2015	1642.37
					5/27/2015	1755.64
					4/13/2016	1614.06
					5/19/2016	1529.11
					4/18/2017	1727.32
5/8/2017	1642.37					

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
Phase 6 Groundwater Flow and Transport Model
Nevada Environmental Response Trust Site
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Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
PC-107	827136.13	26729287.90	Qal	1601.90	5/3/2018	1585.74
					5/10/2018	1500.79
PC-108	828526.51	26731913.27	Qal	1557.63	5/6/2014	0.21
					5/6/2015	0.01
					5/19/2016	0.01
					5/3/2017	0.02
					5/8/2018	0.02
PC-110	826777.94	26731928.09	Qal	1569.94	5/6/2014	31.15
					5/6/2015	39.64
					5/19/2016	36.81
					5/3/2017	19.82
					5/8/2018	20.67
PC-115R	831148.78	26733131.32	Qal	1524.54	1/8/2014	266.18
					2/3/2014	178.40
					3/6/2014	167.07
					4/7/2014	167.07
					5/5/2014	184.06
					6/3/2014	212.38
					7/1/2014	263.35
					8/4/2014	283.17
					9/3/2014	311.48
					10/7/2014	311.48
					11/3/2014	280.34
					12/1/2014	283.17
					1/5/2015	311.48
					2/2/2015	283.17
					3/3/2015	311.48
					4/6/2015	311.48
					5/4/2015	311.48
					6/1/2015	311.48
					7/6/2015	283.17
					8/3/2015	311.48
					9/8/2015	311.48
					10/5/2015	283.17
					11/2/2015	311.48
					12/3/2015	311.48
1/5/2016	368.12					
2/5/2016	396.44					
2/12/2016	424.75					
3/7/2016	283.17					
4/4/2016	339.80					
5/2/2016	424.75					
6/13/2016	481.39					

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
Phase 6 Groundwater Flow and Transport Model
Nevada Environmental Response Trust Site
Henderson, Nevada

Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
PC-115R	831148.78	26733131.32	Qal	1524.54	7/5/2016	396.44
					8/1/2016	424.75
					9/6/2016	339.80
					10/18/2016	311.48
					11/14/2016	269.01
					12/19/2016	311.48
					1/16/2017	396.44
					2/15/2017	311.48
					3/20/2017	274.67
					4/12/2017	368.12
					5/11/2017	396.44
					6/13/2017	453.07
					7/11/2017	396.44
					8/16/2017	339.80
					9/12/2017	339.80
					10/4/2017	271.84
					11/1/2017	283.17
					12/6/2017	424.75
					1/3/2018	311.48
					2/6/2018	195.39
					3/6/2018	368.12
					4/4/2018	311.48
					5/9/2018	184.06
					6/6/2018	283.17
7/18/2018	283.17					
8/14/2018	280.34					
9/6/2018	311.48					
10/9/2018	368.12					
11/7/2018	263.35					
12/10/2018	243.52					
PC-116R	831348.16	26733203.37	Qal	1521.80	1/8/2014	424.75
					2/3/2014	368.12
					3/6/2014	396.44
					4/7/2014	339.80
					5/5/2014	368.12
					6/3/2014	368.12
					7/1/2014	453.07
					8/4/2014	424.75
					9/3/2014	509.70
					10/7/2014	509.70
					11/3/2014	424.75
					12/1/2014	453.07
1/5/2015	509.70					

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
Phase 6 Groundwater Flow and Transport Model
Nevada Environmental Response Trust Site
Henderson, Nevada

Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
PC-116R	831348.16	26733203.37	Qal	1521.80	2/2/2015	481.39
					3/3/2015	481.39
					4/6/2015	481.39
					5/4/2015	453.07
					6/1/2015	481.39
					7/6/2015	481.39
					8/3/2015	509.70
					9/8/2015	509.70
					10/5/2015	509.70
					11/2/2015	538.02
					12/3/2015	538.02
					1/5/2016	594.65
					2/5/2016	453.07
					2/12/2016	509.70
					3/7/2016	311.48
					4/4/2016	368.12
					5/2/2016	339.80
					6/13/2016	424.75
					7/5/2016	368.12
					8/1/2016	396.44
					9/6/2016	368.12
					10/18/2016	453.07
					11/14/2016	424.75
					12/19/2016	424.75
					1/16/2017	481.39
					2/15/2017	311.48
					3/20/2017	266.18
					4/12/2017	311.48
					5/11/2017	396.44
					6/13/2017	481.39
					7/11/2017	424.75
					8/16/2017	453.07
9/12/2017	424.75					
10/4/2017	396.44					
11/1/2017	481.39					
12/6/2017	481.39					
1/3/2018	339.80					
2/6/2018	186.89					
3/6/2018	311.48					
4/4/2018	283.17					
5/9/2018	121.76					
6/6/2018	266.18					
7/18/2018	339.80					

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
Phase 6 Groundwater Flow and Transport Model
Nevada Environmental Response Trust Site
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Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
PC-116R	831348.16	26733203.37	Qal	1521.80	8/14/2018	396.44
					9/6/2018	424.75
					10/9/2018	424.75
					11/7/2018	311.48
					12/10/2018	271.84
PC-117	831421.87	26733275.36	Qal	1521.25	1/8/2014	271.84
					2/3/2014	212.38
					3/6/2014	257.68
					4/7/2014	218.04
					5/5/2014	220.87
					6/3/2014	215.21
					7/1/2014	254.85
					8/4/2014	246.36
					9/3/2014	311.48
					10/7/2014	311.48
					11/3/2014	263.35
					12/1/2014	263.35
					1/5/2015	271.84
					2/2/2015	263.35
					3/3/2015	283.17
					4/6/2015	283.17
					5/4/2015	311.48
					6/1/2015	283.17
					7/6/2015	280.34
					8/3/2015	243.52
					9/8/2015	280.34
					10/5/2015	269.01
					11/2/2015	339.80
					12/3/2015	339.80
					1/5/2016	339.80
2/5/2016	246.36					
2/12/2016	243.52					
3/7/2016	152.91					
4/4/2016	169.90					
5/2/2016	226.53					
6/13/2016	189.72					
7/5/2016	158.57					
8/1/2016	189.72					
9/6/2016	192.55					
10/18/2016	274.67					
11/14/2016	237.86					
12/15/2016	274.67					
1/16/2017	235.03					

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
Phase 6 Groundwater Flow and Transport Model
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Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
PC-117	831421.87	26733275.36	Qal	1521.25	2/15/2017	150.08
					3/20/2017	124.59
					4/12/2017	135.92
					5/11/2017	155.74
					6/13/2017	220.87
					7/11/2017	215.21
					8/16/2017	198.22
					9/12/2017	178.40
					10/4/2017	198.22
					11/1/2017	246.36
					12/6/2017	229.37
					1/3/2018	152.91
					2/6/2018	93.45
					3/6/2018	124.59
					4/4/2018	152.91
					5/9/2018	65.13
					6/6/2018	104.77
					7/18/2018	152.91
8/14/2018	181.23					
9/6/2018	212.38					
10/9/2018	246.36					
11/7/2018	161.41					
12/10/2018	121.76					
PC-118	831052.11	26733167.68	Qal	1526.38	1/8/2014	82.12
					2/3/2014	76.46
					3/6/2014	76.46
					4/7/2014	67.96
					5/5/2014	65.13
					6/3/2014	59.47
					7/1/2014	65.13
					8/4/2014	65.13
					9/3/2014	70.79
					10/7/2014	73.62
					11/3/2014	73.62
					12/1/2014	84.95
					1/5/2015	87.78
					2/2/2015	82.12
					3/3/2015	87.78
					4/6/2015	70.79
					5/4/2015	76.46
					6/1/2015	76.46
7/6/2015	84.95					
8/3/2015	76.46					

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
Phase 6 Groundwater Flow and Transport Model
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Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
PC-118	831052.11	26733167.68	Qal	1526.38	9/8/2015	79.29
					10/5/2015	82.12
					11/2/2015	84.95
					12/3/2015	84.95
					1/5/2016	113.27
					2/5/2016	116.10
					2/12/2016	116.10
					3/7/2016	99.11
					4/4/2016	104.77
					5/2/2016	147.25
					6/13/2016	144.42
					6/17/2016	138.75
					7/5/2016	147.25
					8/1/2016	147.25
					9/6/2016	127.43
					10/18/2016	150.08
					11/14/2016	133.09
					12/15/2016	152.91
					1/16/2017	206.71
					2/15/2017	203.88
					3/20/2017	206.71
					4/12/2017	201.05
					5/11/2017	206.71
					6/13/2017	209.54
					7/11/2017	178.40
					8/16/2017	144.42
					9/12/2017	127.43
					10/4/2017	116.10
					11/1/2017	121.76
					12/6/2017	184.06
1/3/2018	189.72					
2/6/2018	150.08					
3/6/2018	206.71					
4/4/2018	206.71					
5/9/2018	144.42					
6/6/2018	184.06					
7/18/2018	158.57					
8/14/2018	141.58					
9/6/2018	127.43					
10/9/2018	172.73					
11/7/2018	152.91					
12/10/2018	141.58					
PC-119	830951.41	26733188.27	Qal	1529.61	1/8/2014	16.99

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
Phase 6 Groundwater Flow and Transport Model
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Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
PC-119	830951.41	26733188.27	Qal	1529.61	2/3/2014	17.56
					3/6/2014	13.59
					4/7/2014	11.33
					5/5/2014	10.48
					6/3/2014	10.48
					7/1/2014	10.76
					8/4/2014	10.76
					9/3/2014	10.76
					10/7/2014	11.33
					11/3/2014	11.33
					12/1/2014	13.59
					1/5/2015	13.88
					2/2/2015	11.33
					3/3/2015	11.04
					4/6/2015	8.21
					5/4/2015	9.91
					6/1/2015	7.08
					7/6/2015	6.80
					8/3/2015	6.51
					9/8/2015	6.51
					10/5/2015	6.23
					11/2/2015	6.23
					12/3/2015	6.23
					1/5/2016	12.74
					2/5/2016	7.36
					2/12/2016	8.50
					3/7/2016	7.65
					4/4/2016	12.74
					5/2/2016	19.54
					6/13/2016	15.86
6/17/2016	15.86					
7/5/2016	18.41					
8/1/2016	19.82					
9/6/2016	16.99					
10/18/2016	20.10					
11/14/2016	12.18					
12/15/2016	28.32					
1/16/2017	28.32					
2/15/2017	62.30					
3/20/2017	65.13					
4/12/2017	56.63					
5/11/2017	50.97					
6/13/2017	48.14					

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
Phase 6 Groundwater Flow and Transport Model
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Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
PC-119	830951.41	26733188.27	Qal	1529.61	7/11/2017	31.15
					8/16/2017	22.09
					9/12/2017	18.97
					10/4/2017	18.97
					11/1/2017	12.18
					12/6/2017	33.98
					1/3/2018	21.52
					2/6/2018	28.32
					3/6/2018	53.80
					4/4/2018	42.48
					5/9/2018	26.05
					6/6/2018	33.98
					7/18/2018	20.67
					8/14/2018	22.37
					9/6/2018	25.20
PC-120	830851.92	26733186.43	Qal	1529.09	1/8/2014	11.04
					2/3/2014	16.71
					3/6/2014	6.80
					4/7/2014	3.96
					5/5/2014	4.25
					6/3/2014	4.53
					7/1/2014	5.10
					8/4/2014	5.10
					9/3/2014	4.81
					10/7/2014	4.81
					11/3/2014	4.81
					12/1/2014	4.81
					1/5/2015	5.10
					2/2/2015	4.81
					3/3/2015	3.68
					4/6/2015	2.41
					5/4/2015	2.32
					6/1/2015	2.29
7/6/2015	2.15					
8/3/2015	2.18					
9/8/2015	1.90					
10/5/2015	1.67					
11/2/2015	1.53					
12/3/2015	0.22					
1/5/2016	0.27					

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
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Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
PC-120	830851.92	26733186.43	Qal	1529.09	2/5/2016	0.20
					2/12/2016	0.34
					3/7/2016	0.18
					4/4/2016	0.19
					5/2/2016	0.16
					6/13/2016	0.20
					6/17/2016	0.20
					7/5/2016	0.16
					8/1/2016	0.26
					9/6/2016	0.10
					10/18/2016	4.53
					11/14/2016	4.25
					12/15/2016	4.25
					1/16/2017	2.10
					2/15/2017	6.51
					3/20/2017	11.04
					4/12/2017	8.50
					5/11/2017	6.80
					6/13/2017	5.10
					7/11/2017	2.27
					8/16/2017	2.10
					9/12/2017	4.25
					10/4/2017	3.40
					11/1/2017	3.11
					12/6/2017	1.50
					1/3/2018	0.23
2/6/2018	2.66					
3/6/2018	7.65					
4/4/2018	7.36					
5/9/2018	4.25					
6/6/2018	4.81					
7/18/2018	1.67					
8/14/2018	1.30					
9/6/2018	1.02					
10/9/2018	1.53					
11/7/2018	1.22					
12/10/2018	0.96					
PC-121	830751.43	26733180.69	Qal	1535.31	1/8/2014	39.64
					2/3/2014	33.98
					3/6/2014	28.32
					4/7/2014	21.24
					5/5/2014	18.41
					6/3/2014	11.04

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
Phase 6 Groundwater Flow and Transport Model
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Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
PC-121	830751.43	26733180.69	Qal	1535.31	7/1/2014	7.65
					8/4/2014	8.50
					9/3/2014	8.78
					10/7/2014	8.21
					11/3/2014	7.65
					12/1/2014	8.21
					1/5/2015	8.50
					2/2/2015	6.23
					3/3/2015	9.63
					4/6/2015	9.06
					5/4/2015	9.91
					6/1/2015	7.36
					7/6/2015	6.23
					8/3/2015	5.66
					9/8/2015	5.10
					10/5/2015	4.25
					11/2/2015	3.96
					12/3/2015	0.15
					1/5/2016	0.65
					2/5/2016	0.57
					2/12/2016	0.20
					3/7/2016	0.01
					4/4/2016	0.12
					5/2/2016	0.01
					6/13/2016	0.01
					6/17/2016	1.05
					7/5/2016	0.01
					8/1/2016	0.01
					9/6/2016	0.24
					10/18/2016	5.95
11/14/2016	5.66					
12/15/2016	1.98					
1/16/2017	1.33					
2/15/2017	2.15					
3/20/2017	12.46					
4/12/2017	8.50					
5/11/2017	6.80					
6/13/2017	5.38					
7/11/2017	4.81					
8/16/2017	4.53					
9/12/2017	7.08					
10/4/2017	5.95					
11/1/2017	7.08					

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
Phase 6 Groundwater Flow and Transport Model
Nevada Environmental Response Trust Site
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Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
PC-121	830751.43	26733180.69	Qal	1535.31	12/6/2017	0.91
					1/3/2018	0.45
					2/6/2018	3.40
					3/6/2018	8.50
					4/4/2018	9.34
					5/9/2018	7.36
					6/6/2018	8.78
					7/18/2018	5.10
					8/14/2018	2.78
					9/6/2018	1.53
					10/9/2018	1.13
					11/7/2018	0.91
12/10/2018	0.99					
PC-122	829674.87	26728145.44	Qal	1588.01	1/15/2014	651.29
					2/13/2014	594.65
					3/13/2014	538.02
					5/20/2014	566.34
					6/12/2014	622.97
					7/9/2014	651.29
					8/7/2014	594.65
					9/12/2014	622.97
					10/15/2014	651.29
					12/30/2014	622.97
					1/15/2015	538.02
					2/13/2015	651.29
					3/12/2015	594.65
					4/17/2015	566.34
					5/19/2015	594.65
					6/24/2015	594.65
					7/15/2015	622.97
					8/12/2015	622.97
					9/16/2015	651.29
					10/14/2015	622.97
					11/11/2015	764.55
					12/10/2015	651.29
					1/13/2016	736.24
					2/11/2016	679.60
3/10/2016	707.92					
4/7/2016	538.02					
5/5/2016	594.65					
6/13/2016	594.65					
7/19/2016	566.34					
8/2/2016	566.34					

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
Phase 6 Groundwater Flow and Transport Model
Nevada Environmental Response Trust Site
Henderson, Nevada

Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
PC-122	829674.87	26728145.44	Qal	1588.01	9/14/2016	566.34
					10/12/2016	707.92
					11/16/2016	622.97
					5/4/2017	481.39
					11/7/2017	651.29
					5/9/2018	538.02
					11/6/2018	509.70
PC-123	829484.73	26727358.61	Qal/xMCf/UMCf	1599.40	2/4/2014	6229.70
					5/6/2014	6796.03
					8/13/2014	6796.03
					12/4/2014	5663.36
					2/24/2015	7645.54
					5/5/2015	7362.37
					8/4/2015	6512.86
					11/3/2015	8211.87
					2/16/2016	7362.37
					5/9/2016	7079.20
					8/8/2016	6512.86
					11/16/2016	6796.03
					5/5/2017	5380.19
					11/8/2017	7362.37
5/10/2018	5663.36					
11/7/2018	5946.53					
PC-124	830132.64	26726741.67	Qal/xMCf/UMCf	1608.64	2/4/2014	232.20
					4/9/2014	246.36
					4/10/2014	246.36
					5/6/2014	254.85
					8/13/2014	266.18
					12/4/2014	252.02
					2/24/2015	283.17
					4/1/2015	240.69
					5/5/2015	283.17
					8/4/2015	220.87
					11/4/2015	263.35
					2/16/2016	218.04
					5/9/2016	206.71
					8/8/2016	201.05
					11/16/2016	215.21
					4/5/2017	195.39
5/5/2017	186.89					
11/8/2017	215.21					
4/23/2018	169.90					
5/10/2018	172.73					

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
Phase 6 Groundwater Flow and Transport Model
Nevada Environmental Response Trust Site
Henderson, Nevada

Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
PC-124	830132.64	26726741.67	Qal/xMCf/UMCf	1608.64	11/7/2018	172.73
PC-125	829925.63	26726740.00	Qal/xMCf/UMCf	1609.41	2/4/2014	243.52
					5/6/2014	260.51
					8/13/2014	283.17
					12/4/2014	271.84
					2/24/2015	195.39
					5/5/2015	155.74
					8/4/2015	116.10
					11/3/2015	209.54
					2/16/2016	99.11
					5/9/2016	101.94
					8/8/2016	181.23
					11/16/2016	311.48
					5/5/2017	229.37
PC-126	829724.56	26726737.98	Qal	1607.90	2/4/2014	538.02
					5/6/2014	538.02
					8/13/2014	594.65
					12/4/2014	538.02
					2/24/2015	736.24
					5/5/2015	651.29
					8/4/2015	707.92
					11/3/2015	764.55
					2/16/2016	849.50
					5/9/2016	679.60
					8/8/2016	594.65
					11/16/2016	934.45
					5/5/2017	792.87
11/8/2017	962.77					
5/10/2018	707.92					
11/7/2018	679.60					
PC-127	829316.56	26726735.86	Qal/xMCf/UMCf	1608.12	2/5/2014	6796.03
					4/9/2014	7079.20
					5/6/2014	6512.86
					8/13/2014	6229.70
					12/4/2014	6229.70
					2/24/2015	7362.37
					4/2/2015	5946.53
					5/5/2015	7362.37
					8/4/2015	6512.86
11/3/2015	7645.54					

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
Phase 6 Groundwater Flow and Transport Model
Nevada Environmental Response Trust Site
Henderson, Nevada

Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
PC-127	829316.56	26726735.86	Qal/xMCf/UMCf	1608.12	2/16/2016	7079.20
					5/9/2016	6796.03
					8/8/2016	5946.53
					11/16/2016	6512.86
					4/5/2017	5380.19
					5/5/2017	6796.03
					11/8/2017	7928.70
					4/23/2018	5380.19
					5/10/2018	5380.19
11/7/2018	5380.19					
PC-128	828953.82	26726732.52	Qal/xMCf/UMCf	1608.98	2/4/2014	7079.20
					5/6/2014	7362.37
					8/13/2014	7645.54
					12/4/2014	7079.20
					2/24/2015	7928.70
					5/5/2015	7928.70
					8/10/2015	6796.03
					11/3/2015	7928.70
					2/16/2016	5946.53
					5/9/2016	6796.03
					8/8/2016	5663.36
					11/16/2016	6512.86
					5/5/2017	5663.36
					11/8/2017	6229.70
5/10/2018	4247.52					
11/7/2018	3681.18					
PC-129	828747.15	26726731.03	Qal	1609.09	2/4/2014	8495.04
					5/6/2014	9061.38
					8/13/2014	8495.04
					12/4/2014	8211.87
					2/24/2015	8778.21
					5/5/2015	8211.87
					8/4/2015	7645.54
					11/3/2015	8778.21
					2/16/2016	10194.05
					5/9/2016	7645.54
					8/8/2016	7645.54
					11/17/2016	9627.71
					5/5/2017	7362.37
					11/8/2017	9061.38
5/10/2018	7362.37					
11/7/2018	8211.87					
PC-130	828538.02	26726729.58	Qal/xMCf/UMCf	1601.35	2/4/2014	10477.22

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
Phase 6 Groundwater Flow and Transport Model
Nevada Environmental Response Trust Site
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Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
PC-130	828538.02	26726729.58	Qal/xMCf/UMCf	1601.35	4/9/2014	9910.88
					5/6/2014	9627.71
					8/13/2014	9627.71
					12/4/2014	9627.71
					2/24/2015	11609.89
					4/2/2015	9627.71
					5/5/2015	10477.22
					8/4/2015	9627.71
					11/3/2015	11326.72
					2/16/2016	11043.55
					5/9/2016	10194.05
					8/8/2016	8778.21
					11/16/2016	11609.89
					4/5/2017	10194.05
					5/5/2017	7362.37
11/8/2017	9910.88					
4/23/2018	14441.57					
5/10/2018	7362.37					
11/7/2018	9344.54					
PC-131	828123.05	26726725.49	Qal/xMCf/UMCf	1609.65	2/4/2014	87.78
					5/6/2014	73.62
					8/13/2014	67.96
					12/4/2014	70.79
					2/24/2015	73.62
					5/6/2015	59.47
					8/4/2015	50.97
					11/3/2015	50.97
					2/16/2016	42.48
					5/9/2016	36.81
					8/8/2016	33.98
					11/16/2016	26.33
					5/5/2017	11.33
					11/8/2017	14.44
5/10/2018	8.21					
11/7/2018	5.10					
PC-132	827913.71	26726723.41	Qal/xMCf/UMCf	1610.40	5/6/2014	17.84
					8/13/2014	19.26
					12/4/2014	12.46
					2/24/2015	9.91
					5/5/2015	5.66
					8/4/2015	2.83
					11/3/2015	5.38
					2/16/2016	4.53

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
Phase 6 Groundwater Flow and Transport Model
Nevada Environmental Response Trust Site
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Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
PC-132	827913.71	26726723.41	Qal/xMCf/UMCf	1610.40	5/9/2016	2.18
					8/8/2016	1.19
					11/16/2016	0.62
					5/5/2017	0.01
					11/8/2017	189.72
					5/10/2018	0.10
					11/7/2018	0.01
PC-133	831757.78	26733208.99	Qal/xMCf/UMCf	1531.37	1/8/2014	70.79
					2/3/2014	67.96
					3/6/2014	45.31
					4/7/2014	42.48
					5/5/2014	70.79
					6/3/2014	135.92
					7/1/2014	31.15
					8/4/2014	90.61
					9/3/2014	172.73
					10/7/2014	232.20
					11/3/2014	235.03
					12/1/2014	252.02
					1/5/2015	396.44
					2/2/2015	254.85
					3/3/2015	311.48
					4/6/2015	254.85
					5/4/2015	311.48
					6/1/2015	283.17
					7/6/2015	22.37
					8/3/2015	22.09
					9/8/2015	21.80
					10/5/2015	23.22
					11/2/2015	26.62
					12/3/2015	31.15
					1/5/2016	28.32
					2/5/2016	42.48
					2/12/2016	45.31
3/7/2016	42.48					
4/4/2016	33.98					
5/2/2016	20.39					
6/13/2016	19.54					
6/17/2016	20.39					
7/5/2016	20.95					
8/1/2016	18.97					
9/6/2016	18.97					
10/18/2016	20.95					

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
Phase 6 Groundwater Flow and Transport Model
Nevada Environmental Response Trust Site
Henderson, Nevada

Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
PC-133	831757.78	26733208.99	Qal/xMCf/UMCf	1531.37	11/14/2016	84.95
					12/19/2016	53.80
					1/16/2017	101.94
					2/15/2017	87.78
					3/21/2017	45.31
					4/13/2017	26.05
					5/11/2017	21.24
					6/13/2017	23.22
					7/11/2017	28.32
					8/16/2017	36.81
					9/12/2017	48.14
					10/4/2017	53.80
					11/1/2017	79.29
					12/6/2017	79.29
					1/3/2018	67.96
					2/6/2018	42.48
					3/6/2018	31.15
					4/4/2018	39.64
					5/10/2018	13.59
					6/6/2018	19.82
7/18/2018	19.26					
8/14/2018	24.35					
9/6/2018	28.32					
10/9/2018	39.64					
11/7/2018	31.15					
12/10/2018	26.90					
PC-134A	828775.55	26728143.21	UMCf	1554.24	5/7/2014	339.80
					5/7/2015	152.91
					5/10/2016	0.57
					5/3/2017	0.96
					5/9/2018	0.85
PC-134D	828857.10	26728169.65	UMCf	1533.82	1/26/2015	0.03
					2/11/2016	0.01
					6/15/2016	0.01
					9/13/2016	0.01
					11/15/2016	0.01
					5/4/2017	0.01
					11/7/2017	0.01
					5/9/2018	0.03
11/6/2018	0.03					
PC-135A	828767.26	26728143.10	Qal	1578.29	2/5/2014	257.68
					5/7/2014	481.39
					8/15/2014	311.48

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
Phase 6 Groundwater Flow and Transport Model
Nevada Environmental Response Trust Site
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Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
PC-135A	828767.26	26728143.10	Qal	1578.29	12/5/2014	651.29
					2/25/2015	1982.18
					5/7/2015	2095.44
					8/10/2015	991.09
					11/4/2015	1614.06
					2/17/2016	424.75
					5/10/2016	141.58
					8/3/2016	87.78
					11/15/2016	453.07
					5/4/2017	90.61
					11/7/2017	1245.94
PC-136	829517.66	26728191.40	Qal	1587.12	2/13/2014	2718.41
					5/7/2014	1982.18
					8/15/2014	3114.85
					12/5/2014	3398.02
					2/25/2015	5097.02
					5/20/2015	3114.85
					8/10/2015	3114.85
					11/4/2015	5946.53
					2/17/2016	1783.96
					5/10/2016	1670.69
					8/3/2016	3398.02
11/15/2016	3398.02					
5/3/2017	3964.35					
11/7/2017	5380.19					
5/9/2018	3681.18					
11/6/2018	5380.19					
PC-137	829517.49	26728199.02	UMCf	1550.59	5/7/2014	6.51
					5/20/2015	8.21
					5/10/2016	10.48
					5/5/2017	1.10
					5/9/2018	0.06
PC-137D	829522.54	26728198.37	UMCf	1533.79	1/26/2015	0.20
					2/11/2016	0.01
					6/15/2016	0.01
					9/13/2016	0.06
					11/15/2016	0.14
					5/4/2017	0.01
					11/7/2017	0.01
					5/9/2018	0.01
11/6/2018	0.01					

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
Phase 6 Groundwater Flow and Transport Model
Nevada Environmental Response Trust Site
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Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
PC-142	828435.75	26728106.95	Qal	1590.38	5/7/2014	707.92
					5/27/2015	792.87
					5/6/2016	764.55
					5/4/2017	877.82
					5/9/2018	962.77
PC-143	828698.44	26728238.76	Qal	1572.15	5/7/2014	84.95
					5/21/2015	84.95
					5/10/2016	70.79
					5/5/2017	934.45
					5/9/2018	1160.99
PC-144	828903.52	26728223.91	Qal/UMCf	1584.32	2/5/2014	7928.70
					5/7/2014	6512.86
					8/15/2014	8211.87
					11/25/2014	6229.70
					2/12/2015	4530.69
					5/20/2015	368.12
					8/10/2015	566.34
					11/12/2015	1415.84
					2/11/2016	877.82
					5/5/2016	849.50
					8/3/2016	1359.21
					11/16/2016	2435.24
					5/4/2017	4530.69
					11/7/2017	6229.70
5/9/2018	4247.52					
11/6/2018	2690.10					
PC-145	829535.99	26728324.84	Qal	1583.50	5/7/2014	2010.49
					5/20/2015	1897.23
					5/10/2016	792.87
					5/5/2017	2661.78
					5/9/2018	1160.99
PC-148	829249.15	26728124.48	UMCf	1583.70	2/5/2014	792.87
					5/7/2014	707.92
					8/15/2014	764.55
					12/5/2014	849.50
					2/27/2015	934.45
					5/21/2015	934.45
					8/10/2015	821.19
					11/5/2015	622.97
					2/12/2016	736.24
					5/10/2016	622.97
8/8/2016	651.29					
11/16/2016	849.50					

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
Phase 6 Groundwater Flow and Transport Model
Nevada Environmental Response Trust Site
Henderson, Nevada

Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
PC-148	829249.15	26728124.48	UMCf	1583.70	5/4/2017	651.29
					11/7/2017	736.24
					5/10/2018	424.75
					11/9/2018	424.75
PC-149	829117.81	26728123.00	Qal/UMCf	1584.66	2/5/2014	509.70
					5/7/2014	396.44
					8/15/2014	538.02
					12/5/2014	509.70
					2/27/2015	509.70
					5/21/2015	368.12
					8/10/2015	368.12
					11/5/2015	538.02
					2/12/2016	651.29
					5/10/2016	594.65
					8/8/2016	396.44
					11/16/2016	481.39
					5/5/2017	84.95
					11/8/2017	93.45
5/9/2018	50.97					
11/7/2018	45.31					
PC-150	828915.05	26728104.19	Qal	1588.69	1/28/2014	5380.19
					2/5/2014	4813.86
					5/7/2014	3964.35
					8/15/2014	4530.69
					11/13/2014	4813.86
					12/1/2014	4813.86
					1/5/2015	5663.36
					2/2/2015	4530.69
					3/3/2015	6512.86
					4/6/2015	5946.53
					5/4/2015	6229.70
					6/1/2015	5380.19
					7/6/2015	5946.53
					8/3/2015	5663.36
					9/8/2015	5946.53
					10/6/2015	5946.53
					11/2/2015	6512.86
					12/3/2015	6512.86
1/5/2016	5380.19					
2/5/2016	5946.53					
3/7/2016	5380.19					
4/4/2016	6796.03					
5/2/2016	5663.36					

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
Phase 6 Groundwater Flow and Transport Model
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Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
PC-150	828915.05	26728104.19	Qal	1588.69	6/9/2016	6229.70
					7/5/2016	6512.86
					8/1/2016	6229.70
					9/6/2016	4813.86
					10/26/2016	4530.69
					11/14/2016	6229.70
					12/15/2016	5380.19
					1/16/2017	5380.19
					2/15/2017	4247.52
					3/20/2017	5097.02
					4/13/2017	3964.35
					5/10/2017	3681.18
					6/15/2017	3964.35
					7/12/2017	3964.35
					8/16/2017	3114.85
					9/6/2017	3114.85
					10/5/2017	4530.69
					11/2/2017	2831.68
					12/7/2017	2576.83
					1/4/2018	2265.34
2/7/2018	2378.61					
3/8/2018	1868.91					
4/4/2018	2123.76					
5/8/2018	1840.59					
6/5/2018	2265.34					
7/17/2018	1868.91					
8/14/2018	1812.28					
9/11/2018	2010.49					
10/10/2018	1614.06					
11/13/2018	1925.54					
12/19/2018	1642.37					
PC-151	826961.71	26726718.50	Qal/UMCf	1620.90	1/26/2015	1585.74
					2/11/2016	1557.42
					6/13/2016	1415.84
					9/12/2016	1472.47
					11/16/2016	2123.76
					5/5/2017	1585.74
					11/8/2017	1953.86
					5/10/2018	1415.84
11/7/2018	1444.16					
PC-152	827332.69	26726722.50	Qal/UMCf	1617.46	1/26/2015	1076.04
					2/11/2016	1245.94
					6/13/2016	1160.99

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
Phase 6 Groundwater Flow and Transport Model
Nevada Environmental Response Trust Site
Henderson, Nevada

Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
PC-152	827332.69	26726722.50	Qal/UMCf	1617.46	9/12/2016	1019.40
					11/17/2016	1217.62
					5/5/2017	1104.36
					11/8/2017	1160.99
					5/10/2018	1076.04
					11/7/2018	1047.72
PC-153	827665.97	26726720.80	Qal	1616.21	1/26/2015	76.46
					2/11/2016	141.58
					6/13/2016	141.58
					9/12/2016	118.93
					11/16/2016	135.92
PC-153R	827665.62	26726723.98	Qal	1616.07	10/19/2017	155.74
					11/8/2017	206.71
					5/10/2018	229.37
					11/7/2018	237.86
PC-154	827203.63	26728095.14	Qal	1609.62	1/23/2015	1104.36
					3/12/2015	1274.26
					2/10/2016	1472.47
					6/14/2016	1330.89
					9/13/2016	1359.21
					11/16/2016	991.09
					5/5/2017	1444.16
					11/8/2017	1755.64
					5/9/2018	1472.47
11/6/2018	1585.74					
PC-155A	830687.33	26734078.92	Qal	1532.65	5/6/2015	96.28
					2/9/2016	87.78
					6/15/2016	90.61
					9/14/2016	84.95
					11/14/2016	84.95
					5/3/2017	73.62
					10/19/2017	67.96
					11/7/2017	82.12
					5/8/2018	79.29
					5/30/2018	62.30
					11/5/2018	93.45
11/15/2018	90.61					
PC-155B	830681.56	26734087.49	Qal/UMCf	1509.88	5/6/2015	93.45
					2/9/2016	82.12
					6/15/2016	90.61
					9/14/2016	84.95
					11/14/2016	82.12
					5/3/2017	70.79

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
Phase 6 Groundwater Flow and Transport Model
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Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
PC-155B	830681.56	26734087.49	Qal/UMCf	1509.88	10/19/2017	67.96
					11/6/2017	84.95
					5/8/2018	79.29
					5/30/2018	59.47
					11/5/2018	93.45
					11/15/2018	90.61
PC-156A	831227.64	26733839.41	Qal	1531.86	5/6/2015	13.31
					2/10/2016	3.40
					6/14/2016	3.96
					9/14/2016	5.10
					11/14/2016	3.40
					5/3/2017	4.81
					10/19/2017	9.06
					11/7/2017	12.18
					5/8/2018	3.96
					5/30/2018	4.25
					11/5/2018	7.08
					11/16/2018	6.80
PC-156B	831219.96	26733845.83	Qal	1512.12	5/6/2015	36.81
					2/10/2016	27.75
					6/14/2016	18.69
					9/14/2016	18.41
					11/14/2016	18.12
					5/3/2017	13.59
					10/19/2017	13.59
					11/7/2017	16.71
					5/8/2018	13.03
					5/30/2018	20.39
					11/5/2018	17.84
					11/16/2018	16.71
PC-157A	831609.73	26733942.94	Qal	1528.45	5/6/2015	36.81
					2/9/2016	3.40
					6/14/2016	2.78
					9/14/2016	5.38
					11/14/2016	3.68
					5/3/2017	4.25
					10/20/2017	22.65
					11/8/2017	23.50
					5/8/2018	5.38
					5/29/2018	5.66
					11/5/2018	9.34
					11/15/2018	9.34
PC-157B	831603.72	26733956.02	Qal	1509.96	5/6/2015	93.45

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
Phase 6 Groundwater Flow and Transport Model
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Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
PC-157B	831603.72	26733956.02	Qal	1509.96	2/9/2016	84.95
					6/14/2016	84.95
					9/14/2016	82.12
					11/14/2016	84.95
					5/2/2017	67.96
					10/20/2017	67.96
					11/7/2017	79.29
					5/8/2018	76.46
					5/29/2018	50.97
					11/5/2018	93.45
PC-158	827714.08	26728109.91	Qal	1605.89	1/23/2015	1160.99
					3/12/2015	1387.52
					2/10/2016	1472.47
					6/14/2016	1387.52
					9/13/2016	1330.89
					11/16/2016	1614.06
					5/5/2017	1472.47
					11/7/2017	1727.32
					5/10/2018	1472.47
					11/6/2018	1670.69
PC-159	827903.56	26728109.57	Qal	1603.23	1/23/2015	962.77
					3/11/2015	1160.99
					2/10/2016	1217.62
					6/16/2016	1132.67
					9/13/2016	1160.99
					11/16/2016	1415.84
					5/4/2017	1245.94
					11/7/2017	1472.47
					5/10/2018	1359.21
11/7/2018	1444.16					
PC-160	828112.16	26728119.66	Qal	1601.22	1/26/2015	962.77
					3/12/2015	1047.72
					2/10/2016	1104.36
					6/16/2016	1019.40
					9/14/2016	1019.40
					11/16/2016	1104.36
					5/4/2017	1104.36
					11/7/2017	1189.31
					5/10/2018	1245.94
11/7/2018	1444.16					
PC-161	827259.81	26726014.91	Qal	1623.56	9/13/2017	877.82
					10/31/2017	934.45

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
Phase 6 Groundwater Flow and Transport Model
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Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
PC-162	827698.77	26725991.61	Qal/UMCf	1617.02	9/13/2017	0.25
					10/31/2017	0.01
PC-163	828746.75	26725983.51	Qal/UMCf	1625.74	9/14/2017	6229.70
					10/31/2017	8211.87
PC-164	829707.27	26725990.28	Qal	1623.96	9/25/2017	178.40
					10/30/2017	161.41
PC-165	826389.35	26725165.16	Qal	1634.96	9/29/2017	849.50
					11/1/2017	1076.04
PC-166	827154.57	26725168.00	Qal	1634.06	9/14/2017	0.17
					10/30/2017	0.76
PC-167	828620.96	26724669.72	Qal/UMCf	1634.27	9/15/2017	5946.53
					10/30/2017	6512.86
PC-168	829464.63	26724613.40	Qal	1639.01	4/25/2018	651.29
					11/14/2018	679.60
PC-169	829957.73	26724817.60	Qal	1640.82	9/14/2017	107.60
					10/30/2017	116.10
PC-170	826301.63	26723994.94	Qal/UMCf	1644.84	9/11/2017	2.41
					10/24/2017	0.91
PC-170R	826301.40	26724010.94	Unknown	1644.46	3/29/2018	0.01
PC-171	826951.90	26723883.43	Qal/UMCf	1653.48	9/15/2017	5097.02
					10/27/2017	7079.20
PC-172D	829770.40	26723849.60	UMCf	1637.87	4/25/2018	79.29
					11/14/2018	127.43
PC-173	826206.72	26723015.54	Qal	1659.73	9/11/2017	566.34
					10/24/2017	93.45
PC-174	828531.19	26722709.81	Qal	1678.49	9/26/2017	2746.73
					10/30/2017	2831.68
PC-175	829294.08	26722813.93	Qal	1666.57	9/15/2017	175.56
					11/2/2017	172.73
PC-176	828508.70	26726728.60	UMCf	1566.02	4/25/2018	991.09
					11/14/2018	1104.36
PC-177	829465.29	26727152.97	UMCf	1575.59	9/25/2017	82.12
					10/31/2017	42.48
PC-178	829662.32	26730239.00	UMCf	1532.62	10/11/2017	0.42
					11/1/2017	0.20
PC-179	827911.03	26723708.18	UMCf	1632.95	10/9/2017	12176.22
					10/30/2017	6512.86
PC-180	826665.53	26722685.90	UMCf	1656.44	9/12/2017	16706.91
					10/24/2017	12459.39
PC-181	826672.32	26722686.53	UMCf	1636.43	9/12/2017	764.55
					10/24/2017	934.45
PC-182	826679.20	26722686.70	UMCf	1616.45	9/12/2017	8.21
					10/24/2017	13.88

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
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Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
PC-183	826911.43	26722688.73	UMCf	1655.38	9/12/2017	19538.59
					10/24/2017	23786.11
PC-184	826918.12	26722689.07	UMCf	1635.55	9/12/2017	3681.18
					10/24/2017	3681.18
PC-185	826925.52	26722689.54	UMCf	1615.48	9/12/2017	821.19
					10/24/2017	1925.54
PC-186	827649.97	26722690.91	Qal	1666.52	9/27/2017	8211.87
PC-187	827101.09	26722192.88	UMCf	1653.77	9/12/2017	24069.28
					10/24/2017	27750.46
PC-187R	827122.59	26722191.90	Unknown	1653.72	3/29/2018	33980.16
PC-188	827786.61	26721422.85	UMCf	1662.15	9/29/2017	3398.02
					11/2/2017	2831.68
PC-189	828286.76	26721326.40	UMCf	1663.70	10/9/2017	1614.06
					11/2/2017	2038.81
PC-190	827758.31	26726372.97	Qal	1616.12	9/27/2017	0.20
					10/30/2017	3.11
PC-191	828201.37	26728788.95	Qal	1584.85	10/10/2017	1274.26
					11/1/2017	1727.32
PC-192	828787.63	26723971.86	UMCf	1631.54	9/29/2017	269.01
					10/30/2017	311.48
PC-193	828735.61	26725983.28	UMCf	1600.69	9/13/2017	7928.70
					10/31/2017	10194.05
PC-194	828017.92	26726725.63	UMCf	1583.35	9/27/2017	6.80
					10/31/2017	252.02
PC-195	828659.53	26728440.41	UMCf	1545.43	10/10/2017	0.09
					11/1/2017	0.01
PC-196	829063.82	26728468.17	UMCf	1545.43	10/10/2017	0.96
					11/1/2017	0.45
PC-197	829518.00	26728648.39	UMCf	1542.90	10/11/2017	9.63
					11/2/2017	16.99
PMW-1	826468.90	26733318.20	Qal/xMCf	1562.70	5/12/2014	1.90
					5/4/2015	8.78
					4/25/2016	13.31
					5/7/2017	19.54
					5/10/2018	26.90
PMW-2	826596.00	26733317.72	Qal/xMCf	1551.40	5/12/2014	16.14
					5/4/2015	16.42
					4/25/2016	22.94
					5/7/2017	56.63
					5/10/2018	99.11
PMW-3	826688.80	26733346.40	Qal/xMCf	1550.70	5/12/2014	14.44
					5/4/2015	11.89
					4/25/2016	13.59

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
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Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
PMW-3	826688.80	26733346.40	Qal/xMCf	1550.70	5/9/2017	26.62
					4/25/2018	41.42
PMW-4	826635.40	26733437.00	Qal/xMCf	1553.20	5/12/2014	9.06
					5/4/2015	4.81
					4/25/2016	8.78
					5/9/2017	19.26
					4/25/2018	22.56
PMW-5	826814.80	26733442.70	Qal/xMCf	1547.30	5/12/2014	116.10
					5/4/2015	110.44
					5/11/2016	101.94
					5/15/2017	135.92
					5/10/2018	141.58
PMW-6	826821.60	26733562.00	Qal/xMCf	1548.20	5/12/2014	73.62
					5/4/2015	62.30
					5/11/2016	84.95
					5/15/2017	62.30
					4/26/2018	67.96
PMW-7	826962.08	26733788.69	Qal/xMCf	1550.85	5/14/2014	4.05
					5/4/2015	1.90
					4/22/2016	1.50
					4/25/2016	1.95
					5/9/2017	2.21
					4/30/2018	2.54
PMW-8	827253.76	26733988.93	Qal/xMCf	1545.37	5/15/2014	2.44
					5/4/2015	2.83
					4/22/2016	1.61
					4/25/2016	2.04
					5/9/2017	3.40
					4/30/2018	3.40
POD5-R	831382.90	26723030.30	Qal	1671.57	4/4/2018	0.04
					4/10/2018	0.01
POD7	832881.20	26724196.90	Qal	1642.28	1/23/2018	27.75
POD8	833586.10	26724789.80	Qal	1633.66	4/8/2014	9.34
					4/9/2014	9.34
					12/17/2014	13.71
					4/3/2015	8.50
					6/9/2015	9.60
					4/6/2017	11.61
					1/12/2018	7.65
					4/4/2018	6.23
					4/24/2018	6.80
POU3	831329.98	26721664.71	Qal	1678.00	12/16/2014	75.89
					6/5/2015	1234.61

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
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Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
POU3	831329.98	26721664.71	Qal	1678.00	1/10/2018	538.02
					4/4/2018	229.37
PWX-8	826467.82	26733378.19	Qal/xMCf	1553.63	4/21/2014	8.21
					4/27/2015	7.93
					4/25/2016	8.21
					4/19/2017	13.88
					6/6/2018	24.64
PWX-10	826467.36	26733438.63	Qal/xMCf	1558.52	4/21/2014	6.51
					4/27/2015	4.81
					4/25/2016	4.81
					4/19/2017	9.63
					4/25/2018	22.85
PX-15	824769.31	26727968.37	Qal	1617.60	4/28/2014	849.50
					5/13/2015	877.82
					5/3/2016	792.87
					5/16/2017	651.29
					4/23/2018	566.34
PX-40	824778.75	26727968.45	UMCf	1590.60	5/18/2014	33.98
					5/13/2015	31.15
					5/3/2016	28.32
					5/16/2017	33.98
					4/23/2018	33.98
PY-14	825017.12	26727951.78	Qal/xMCf	1618.40	4/28/2014	962.77
					5/13/2015	877.82
					5/3/2016	821.19
					5/16/2017	821.19
					4/23/2018	707.92
RIT-06	827297.20	26733433.87	Qal	1543.14	5/14/2014	59.47
					5/4/2015	79.29
					4/22/2016	96.28
					4/26/2016	90.61
					5/9/2017	118.93
					4/26/2018	124.59
RIT-09	826985.12	26733414.54	Qal/xMCf	1544.20	5/14/2014	87.78
					5/4/2015	110.44
					4/27/2016	110.44
					5/9/2017	116.10
					4/26/2018	110.44
RIT-10	827280.16	26733679.41	Qal	1544.72	5/14/2014	33.98
					5/4/2015	31.15
					4/22/2016	36.81
					4/27/2016	39.64
					5/9/2017	45.31

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
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Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
RIT-10	827280.16	26733679.41	Qal	1544.72	5/10/2018	73.62
SB-1-8	824928.20	26731968.90	Qal/xMCf	1592.20	4/23/2014	4.25
					4/16/2015	3.96
					4/26/2016	3.96
					5/15/2017	3.68
					5/6/2018	3.89
SB-3-13	824433.70	26731978.50	Qal/xMCf	1594.70	4/23/2014	5.95
					4/16/2015	5.10
					4/26/2016	5.38
					5/15/2017	4.81
					5/6/2018	5.47
SBMW-4-4	823397.50	26732849.20	Qal/xMCf	1600.10	4/30/2014	3.96
					4/16/2015	2.83
					5/2/2016	2.58
					5/15/2017	2.38
					5/6/2018	2.93
SENTRY-1	828813.44	26720436.84	Qal	1707.10	4/7/2015	1415.84
					4/4/2017	1585.74
					4/19/2018	1472.47
SENTRY-2	828898.34	26719427.87	Qal	1731.48	4/7/2015	172.73
					4/10/2017	280.34
					4/17/2018	164.24
SENTRY-3	829106.73	26718413.35	Qal	1753.08	4/7/2015	87.78
					4/6/2017	113.27
					4/17/2018	124.59
TIMETMW-1	830090.23	26718339.19	Qal	1756.70	4/10/2014	9.63
					4/14/2015	7.08
					4/10/2017	7.65
					4/18/2018	0.88
TIMETMW-3R	829483.25	26716571.73	xMCf	1787.10	4/16/2014	15.86
					4/6/2015	9.91
					4/10/2017	8.50
					4/18/2018	8.78
TIMETMW-4	830973.92	26718582.87	Qal	1750.10	4/16/2014	5.66
					4/9/2015	4.81
					4/7/2017	4.81
					4/18/2018	4.25
TIMETMW-5	830385.81	26718063.61	Qal	1762.80	4/16/2014	13.31
					4/14/2015	17.56
					4/10/2017	18.41
					4/18/2018	4.53
TIMETMW-6R	829221.18	26717836.95	Qal	1763.33	4/16/2014	36.81
					3/31/2015	42.48

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Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
TIMETMW-6R	829221.18	26717836.95	Qal	1763.33	4/5/2017	42.48
					4/17/2018	42.48
TIMETMW-7	829216.55	26720323.95	Qal/xMCf	1707.15	4/15/2014	84.95
					4/7/2015	147.25
					4/4/2017	127.43
					4/19/2018	107.60
TIMETMW-8	829869.45	26720009.86	Qal/xMCf	1714.52	4/14/2014	65.13
					4/1/2015	56.63
					4/4/2017	62.30
					4/19/2018	62.30
TIMETMW-9	830797.51	26719487.20	Qal/xMCf	1723.32	4/15/2014	59.47
					4/7/2015	59.47
					4/4/2017	90.61
					4/19/2018	65.13
TMMW-102	830371.18	26715433.08	Qal/UMCf	1813.20	4/8/2014	1.44
					4/6/2015	1.36
					4/6/2017	0.34
					4/18/2018	2.24
TMMW-104	832104.88	26715722.70	Qal/UMCf	1811.70	4/8/2014	0.06
					4/6/2017	0.06
					4/18/2018	0.06
TMPZ-112 / EWQal-	831559.74	26718652.39	Qal	1748.94	4/16/2014	3.40
					4/8/2015	3.11
					4/7/2017	3.68
					4/18/2018	3.96
TR-1	826167.60	26719957.93	UMCf	1453.06	5/15/2014	0.01
					1/14/2015	0.16
					5/18/2015	0.01
					5/20/2016	0.01
					8/16/2017	0.01
					5/11/2018	0.01
TR-2	826156.18	26719954.86	UMCf	1589.98	5/12/2014	0.01
					1/14/2015	0.10
					5/21/2015	0.01
					5/20/2016	0.01
					5/11/2017	0.10
					5/11/2018	0.01
TR-3	826342.42	26718941.43	UMCf	1535.70	5/15/2014	0.01
					1/15/2015	0.01
					5/18/2015	0.01
					5/20/2016	0.01
					8/16/2017	0.06
					5/10/2018	0.02

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
Phase 6 Groundwater Flow and Transport Model
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Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
TR-4	826342.03	26718951.73	UMCf	1635.70	5/15/2014	0.01
					1/14/2015	0.07
					5/18/2015	0.02
					5/19/2016	0.01
					5/10/2017	0.01
					5/14/2018	0.02
TR-5	826595.32	26717591.92	UMCf	1561.49	5/15/2014	0.01
					1/14/2015	0.06
					5/18/2015	0.01
					5/18/2016	0.01
					8/16/2017	0.01
					5/14/2018	0.01
TR-6	826593.83	26717608.59	UMCf	1727.74	5/13/2014	9.91
					1/15/2015	10.48
					5/18/2015	11.61
					5/18/2016	9.91
					5/11/2017	9.91
					5/14/2018	11.33
TR-7	826724.45	26716525.88	UMCf	1551.71	5/14/2014	0.01
					1/15/2015	0.01
					5/18/2015	0.01
					5/20/2016	0.01
					5/12/2017	0.01
					5/17/2018	0.01
TR-8	826722.60	26716512.21	UMCf	1748.74	5/14/2014	2.83
					1/27/2015	1.84
					5/19/2015	2.18
					5/20/2016	1.67
					5/12/2017	2.24
					5/17/2018	1.10
TR-9	827559.74	26715753.16	UMCf	1611.85	5/13/2014	0.17
					1/20/2015	0.51
					6/10/2015	0.51
					5/17/2016	7.08
					5/12/2017	1.36
					5/16/2018	3.68
TR-10	827562.01	26715739.98	UMCf	1761.79	5/13/2014	76.46
					1/20/2015	96.28
					6/10/2015	93.45
					5/17/2016	87.78
					5/12/2017	65.13
					5/16/2018	67.96
TR-11	825422.22	26721918.32	UMCf	1494.37	5/15/2014	0.01

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
Phase 6 Groundwater Flow and Transport Model
Nevada Environmental Response Trust Site
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Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
TR-11	825422.22	26721918.32	UMCf	1494.37	7/1/2014	0.01
					1/15/2015	0.01
					5/21/2015	0.01
					5/19/2016	0.01
					4/20/2017	0.02
					8/16/2017	0.01
					5/15/2018	0.02
TR-12	825285.93	26723272.38	UMCf	1411.18	5/19/2014	0.01
					5/21/2015	0.01
					5/20/2016	0.01
					8/16/2017	0.01
					8/22/2017	0.01
					5/14/2018	0.03
TWA-20	823910.40	26725603.50	xMCf	1645.90	4/15/2014	368.12
					4/21/2015	311.48
					4/13/2016	311.48
					4/11/2017	283.17
					4/22/2018	311.48
TWA-50	823921.80	26725613.40	UMCf	1615.20	4/15/2014	0.02
					4/21/2015	0.02
					4/13/2016	0.02
					4/11/2017	0.01
					4/22/2018	0.01
TWA-180	823930.80	26725621.80	UMCf	1480.60	4/15/2014	0.07
					4/21/2015	0.07
					4/13/2016	0.06
					4/11/2017	0.02
					6/6/2018	0.00
TWB-21	825054.30	26726461.00	xMCf/UMCf	1628.60	4/15/2014	2010.49
					5/6/2015	2237.03
					4/13/2016	2152.08
					4/10/2017	2010.49
					4/24/2018	1755.64
TWB-36	825066.10	26726470.20	UMCf	1613.70	5/20/2014	175.56
					5/6/2015	99.11
					4/11/2016	260.51
					4/10/2017	186.89
					4/24/2018	269.01
TWB-51	825079.50	26726477.50	UMCf	1596.40	4/15/2014	87.78
					5/6/2015	130.26
					4/13/2016	124.59
					6/4/2017	1.50
					4/24/2018	0.08

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
Phase 6 Groundwater Flow and Transport Model
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Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
TWB-140	825090.20	26726488.90	UMCf	1504.90	4/15/2014	167.07
					5/7/2015	133.09
					4/11/2016	150.08
					4/10/2017	141.58
					4/24/2018	141.58
TWBX-21	825214.90	26726338.40	UMCf	1630.40	4/15/2014	1868.91
					5/7/2015	2067.13
					4/11/2016	2180.39
					4/10/2017	2152.08
					5/1/2018	2009.23
TWBX-36	825223.60	26726346.20	UMCf	1615.10	4/15/2014	1359.21
					5/7/2015	1359.21
					4/11/2016	1670.69
					4/10/2017	1642.37
					5/1/2018	1654.66
TWBY-21	824976.90	26726538.30	xMCf/UMCf	1629.60	4/15/2014	1982.18
					5/6/2015	2265.34
					4/11/2016	1953.86
					4/10/2017	1812.28
					5/1/2018	1747.58
TWBY-36	824987.70	26726539.50	UMCf	1614.80	5/20/2014	96.28
					5/6/2015	121.76
					4/11/2016	147.25
					4/10/2017	90.61
					5/1/2018	160.64
TWC-15	825243.90	26726761.20	xMCf/UMCf	1630.00	4/14/2014	1840.59
					4/20/2015	1982.18
					4/11/2016	1359.21
					4/11/2017	1897.23
					4/24/2018	1783.96
TWC-27	825251.13	26726747.94	UMCf	1620.70	4/14/2014	70.79
					4/20/2015	93.45
					4/13/2016	82.12
					4/11/2017	22.65
					4/24/2018	13.88
TWC-35	825269.90	26726726.10	UMCf	1610.30	4/14/2014	5.66
					4/20/2015	5.38
					4/11/2016	2.83
					4/11/2017	5.95
					4/24/2018	4.53
TWC-48	825263.10	26726714.00	UMCf	1592.50	4/14/2014	2.15
					4/20/2015	1.36
					4/11/2016	0.57

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
Phase 6 Groundwater Flow and Transport Model
Nevada Environmental Response Trust Site
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Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
TWC-48	825263.10	26726714.00	UMCf	1592.50	4/11/2017	0.93
					4/24/2018	1.16
TWC-126	825285.60	26726686.90	UMCf	1514.60	4/15/2014	0.04
					4/20/2015	0.04
					4/11/2016	0.03
					4/11/2017	0.01
					4/24/2018	0.02
TWD1-17	824527.20	26725647.10	Qal/xMCf	1642.10	4/15/2014	2123.76
					4/23/2015	2010.49
					4/13/2016	1812.28
					4/11/2017	1585.74
					4/22/2018	1455.48
TWD4-15	824560.30	26725671.20	Qal/xMCf	1643.70	4/15/2014	2095.44
					4/23/2015	2038.81
					4/13/2016	1783.96
					4/11/2017	1529.11
					4/22/2018	1464.62
TWE-15	826426.20	26727676.60	xMCf	1616.90	4/14/2014	1217.62
					4/20/2015	1302.57
					4/11/2016	1472.47
					5/10/2017	1868.91
					4/9/2018	1844.78
TWE-18	826426.70	26727666.40	xMCf	1610.70	4/14/2014	1274.26
					4/20/2015	1330.89
					4/11/2016	1557.42
					5/7/2017	1727.32
					4/9/2018	2082.84
TWE-33	826427.00	26727656.30	UMCf	1594.20	4/14/2014	1.02
					4/20/2015	0.02
					4/11/2016	0.02
					5/7/2017	0.01
					4/9/2018	0.01
TWE-51	826427.00	26727646.50	UMCf	1577.70	4/17/2014	1.64
					4/20/2015	2.12
					4/11/2016	0.02
					5/7/2017	0.01
					4/9/2018	1.19
TWE-107	826427.80	26727636.60	UMCf	1517.00	4/17/2014	0.04
					4/20/2015	0.02
					4/11/2016	0.02
					5/10/2017	0.03
					4/9/2018	0.01
TWH-14	825097.20	26727472.80	UMCf	1624.70	4/21/2014	1330.89

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
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Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
TWH-14	825097.20	26727472.80	UMCf	1624.70	4/20/2015	1330.89
					4/11/2016	1274.26
					4/10/2017	792.87
					4/29/2018	774.97
TWI	825501.20	26726290.60	Qal/xMCf	1639.30	4/23/2014	1387.52
					5/11/2015	1699.01
					4/19/2016	2010.49
					5/7/2017	1953.86
					5/10/2018	1812.28
UB4-15	826282.10	26733244.00	Qal/xMCf	1566.50	4/21/2014	4.25
					4/27/2015	3.40
					4/19/2016	3.40
					4/19/2017	3.11
					4/25/2018	3.96
UD-2	826218.40	26733561.40	Qal	1571.20	4/23/2014	3.40
					4/27/2015	3.11
					4/26/2016	3.11
					5/7/2017	2.75
					5/10/2018	2.83
UWO-16	826575.50	26733241.60	Qal/xMCf	1555.90	4/21/2014	70.79
					5/4/2015	124.59
					4/25/2016	133.09
					4/19/2017	133.09
					4/26/2018	141.58
UXO-16	826778.31	26733263.60	Qal/xMCf	1553.50	4/21/2014	14.16
					5/4/2015	16.99
					4/25/2016	21.24
					4/19/2017	39.64
					4/26/2018	25.49
UYO-16	827047.00	26733277.70	Qal/xMCf	1551.60	4/21/2014	87.78
					5/4/2015	113.27
					4/25/2016	118.93
					4/19/2017	130.26
					4/26/2018	135.92
UZO-17	827323.40	26733274.00	Qal/xMCf	1551.50	4/21/2014	45.31
					5/4/2015	56.63
					4/25/2016	59.47
					4/29/2016	70.79
					4/19/2017	62.30
WMW6.9S	828430.55	26734539.19	Qal	1538.11	2/10/2014	0.88
					6/9/2014	0.74
					9/23/2014	0.71

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
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Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
WMW6.9S	828430.55	26734539.19	Qal	1538.11	12/22/2014	0.59
					2/24/2015	0.85
					5/26/2015	0.91
					8/24/2015	0.54
					11/23/2015	0.71
					2/23/2016	0.62
					4/21/2016	0.34
					5/24/2016	0.76
					8/22/2016	1.00
					11/29/2016	1.05
					2/21/2017	1.21
					5/15/2017	0.75
					8/21/2017	0.62
					11/27/2017	0.65
2/26/2018	0.89					
5/21/2018	0.71					
WMW6.15S	832119.74	26734098.93	Qal	1530.40	2/10/2014	24.64
					6/9/2014	31.15
					9/23/2014	42.48
					12/22/2014	22.37
					1/15/2015	19.54
					2/24/2015	21.52
					5/26/2015	16.99
					8/24/2015	18.97
					11/23/2015	14.44
					2/17/2016	10.48
					2/23/2016	12.18
					4/22/2016	10.19
					5/24/2016	11.33
					8/22/2016	15.83
11/29/2016	13.17					
2/21/2017	12.29					
5/15/2017	9.37					
8/21/2017	18.46					
WMW6.55S	830218.73	26734351.02	Qal	1526.65	2/10/2014	65.13
					6/9/2014	50.97
					9/23/2014	48.14
					12/22/2014	53.80
					1/15/2015	48.14
					2/24/2015	59.47
					5/26/2015	53.80
					8/24/2015	50.97
11/23/2015	62.30					

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
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Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
WMW6.55S	830218.73	26734351.02	Qal	1526.65	2/17/2016	53.80
					2/23/2016	59.47
					4/21/2016	50.97
					5/24/2016	53.80
					8/22/2016	53.52
					11/29/2016	50.69
					2/21/2017	54.65
					5/15/2017	56.63
					8/21/2017	45.87
					11/27/2017	53.24
WS1-14	821616.20	26722663.10	xMCf	1694.00	4/24/2014	339.80
					5/12/2015	339.80
					4/19/2016	274.67
					5/2/2017	254.85
					4/18/2018	201.05
WS2-15	822624.20	26722682.80	xMCf	1686.90	4/24/2014	1132.67
					5/12/2015	1104.36
					4/19/2016	1047.72
					5/10/2017	1047.72
					4/18/2018	934.45
WS4-11	823505.99	26722616.08	Qal	1690.18	5/20/2014	481.39
					5/12/2015	679.60
					4/19/2016	368.12
					5/2/2017	538.02
					4/18/2018	2152.08
WS5-10	820784.55	26722650.42	Qal	1704.53	4/14/2014	192.55
					5/11/2015	133.09
					4/19/2016	104.77
					5/2/2017	96.28
					4/18/2018	76.46
WS5-40	820799.59	26722650.60	UMCf	1679.23	4/14/2014	121.76
					5/11/2015	121.76
					4/19/2016	127.43
					5/2/2017	138.75
					4/18/2018	130.26
WS5-80	820814.63	26722650.92	UMCf	1633.99	5/20/2014	0.04
					5/11/2015	0.02
					4/19/2016	0.02
					5/2/2017	0.02
					4/18/2018	0.02
ZX-11	819494.20	26722564.50	Qal	1717.20	5/6/2014	33.98

TABLE H-1. OBSERVED PERCHLORATE CONCENTRATIONS AT CALIBRATION TARGETS (2014-2018)
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Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (mg per cubic feet)
ZX-11	819494.20	26722564.50	Qal	1717.20	4/16/2015	19.54
					4/19/2016	18.12
					4/26/2017	18.69
					4/17/2018	11.61
ZX-45	819480.50	26722564.80	UMCf	1685.90	5/6/2014	11.61
					4/16/2015	10.48
					4/19/2016	11.61
					4/26/2017	12.46
					4/17/2018	11.04
ZY-11	818099.90	26722535.50	Qal/xMCf/UMCf	1732.00	5/6/2014	13.88
					4/16/2015	10.48
					4/19/2016	9.34
					4/26/2017	8.50
					4/17/2018	8.21

Notes:

ft amsl = feet above mean sea level

Easting, northing, mid-screen elevation, and screened stratigraphy were compiled from the All Wells Database.