

APPENDIX E
OBSERVED GROUNDWATER ELEVATIONS AT CALIBRATION TARGETS
(2014-2018) (PROVIDED ELECTRONICALLY)

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
AA-01	830921.03	26720238.72	Qal	1716.02	4/7/2014	1710.02
					5/8/2014	1709.69
					10/6/2014	1708.73
					12/8/2014	1708.60
					3/30/2015	1708.19
					4/18/2015	1708.19
					5/27/2015	1708.18
					6/2/2015	1708.05
					6/29/2015	1708.03
					9/18/2015	1707.96
					10/12/2015	1708.04
					3/4/2016	1707.81
					4/11/2016	1707.72
					5/13/2016	1723.39
5/2/2017	1708.85					
3/26/2018	1708.46					
4/16/2018	1708.44					
5/7/2018	1708.31					
AA-07	837100.42	26729559.52	Qal	1570.12	4/10/2018	1572.70
AA-08	827756.55	26733208.28	Qal	1558.02	5/27/2015	1567.34
					4/26/2016	1568.54
					5/9/2017	1568.70
					5/1/2018	1568.37
AA-09	831041.59	26723441.40	Qal	1646.76	4/7/2014	1657.52
					12/18/2014	1656.84
					3/30/2015	1657.16
					5/29/2015	1657.16
					6/9/2015	1656.96
					9/18/2015	1656.97
					10/12/2015	1657.00
					3/4/2016	1656.82
					4/11/2016	1656.83
4/5/2018	1656.47					
4/16/2018	1656.96					
AA-10	825935.16	26730040.80	Qal	1587.54	5/11/2015	1594.35
					4/26/2016	1594.30
					5/9/2017	1594.80
					5/3/2018	1595.45
AA-11	830672.55	26725458.88	Qal	1639.18	4/7/2014	1629.31
					5/6/2014	1629.28
					3/30/2015	1628.92
					5/27/2015	1628.92
AA-13	833889.39	26722860.98	Qal/UMCf	1674.37	12/16/2014	1664.22

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AA-18	836690.87	26727656.38	Qal	1611.10	3/29/2018	1610.10
AA-20	831811.79	26728007.77	Qal/UMCf	1605.98	4/7/2014	1597.03
					12/15/2014	1596.88
					3/30/2015	1596.92
					5/28/2015	1596.92
					6/9/2015	1596.90
					9/18/2015	1596.86
					10/12/2015	1596.89
					3/4/2016	1596.92
					4/7/2016	1596.90
					4/11/2016	1596.93
AA-21	826148.08	26734078.78	Qal	1559.13	4/16/2018	1597.66
					5/11/2015	1573.20
					4/26/2016	1573.90
					5/9/2017	1573.40
AA-22	833427.04	26731587.32	Qal	1558.85	4/30/2018	1576.83
AA-23R	833898.96	26732042.31	Qal	1512.54	4/4/2016	1547.74
AA-26	840176.49	26733349.15	Qal	1521.56	4/7/2016	1530.30
AA-27	832471.34	26719301.66	Qal	1715.53	4/10/2018	1523.67
AA-27	832471.34	26719301.66	Qal	1715.53	4/7/2014	1722.72
					10/6/2014	1721.64
					12/9/2014	1721.70
					3/30/2015	1721.64
					4/20/2015	1721.64
					5/27/2015	1721.56
					6/29/2015	1721.55
					9/18/2015	1721.50
					10/12/2015	1721.62
					3/4/2016	1721.74
					4/11/2016	1721.76
3/27/2018	1721.42					
4/16/2018	1721.44					
AA-30	836125.80	26733691.92	Qal	1507.44	4/7/2016	1511.91
AA-BW-03A	825973.66	26720593.46	Qal	1696.48	4/13/2015	1702.34
					10/5/2015	1702.30
					4/5/2016	1702.41
					10/5/2016	1702.52
					4/4/2017	1702.92
					10/6/2017	1703.35
					4/3/2018	1702.92
5/23/2018	1702.90					
AA-BW-09A	825703.31	26719455.90	Qal	1718.59	6/6/2014	1716.32
					4/14/2015	1716.09

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AA-BW-09A	825703.31	26719455.90	Qal	1718.59	6/30/2015	1716.09
					4/5/2016	1716.19
					7/25/2016	1715.11
					4/5/2017	1717.83
					4/4/2018	1716.81
AA-MW-05	824351.37	26715530.83	xMCf	1798.00	6/6/2014	1797.03
					4/14/2015	1797.64
					4/5/2016	1798.40
					4/5/2017	1798.03
					4/4/2018	1798.30
AA-MW-13R	825265.78	26717045.47	Qal	1763.19	6/6/2014	1770.43
					4/14/2015	1773.11
					4/6/2016	1771.77
					4/5/2017	1769.91
					4/5/2018	1769.86
AA-MW-25	825508.33	26717917.91	Qal	1747.60	6/6/2014	1747.43
					4/14/2015	1748.14
					6/30/2015	1747.49
					4/6/2016	1747.89
					4/5/2017	1750.05
					4/4/2018	1747.13
AA-UW1	831427.20	26719624.99	UMCf	1711.72	4/7/2014	1723.67
					10/6/2014	1723.01
					12/8/2014	1722.84
					3/30/2015	1722.80
					4/19/2015	1722.80
					5/27/2015	1722.50
					6/29/2015	1722.58
					9/18/2015	1722.90
					10/12/2015	1723.06
					3/4/2016	1722.52
					4/11/2016	1722.35
					3/27/2018	1722.04
4/16/2018	1722.42					
AA-UW2	832819.54	26718117.11	Qal/UMCf	1752.63	12/9/2014	1754.84
					5/28/2015	1755.23
					6/2/2015	1755.30
					3/27/2018	1754.36
AA-UW3	835097.86	26718183.94	Qal/UMCf	1739.07	12/9/2014	1746.00
					5/28/2015	1746.21
					6/2/2015	1746.12
AA-UW4	836517.02	26720029.40	UMCf	1751.79	12/10/2014	1756.74
					5/28/2015	1756.73

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AA-UW4	836517.02	26720029.40	UMCf	1751.79	6/2/2015	1756.64
					3/27/2018	1759.29
AA-UW5	837992.01	26722899.01	Qal/UMCf	1718.05	12/10/2014	1719.94
					5/29/2015	1720.00
					3/27/2018	1723.08
AA-UW6	839440.23	26725565.41	UMCf	1690.01	12/6/2014	1680.77
					1/9/2015	1685.68
					5/29/2015	1686.19
					6/2/2015	1686.25
AAX-15	823068.13	26728783.00	Qal/xMCf/UMCf	1621.80	4/17/2014	1627.18
					4/21/2015	1626.93
					4/12/2016	1626.50
					4/18/2017	1627.80
					4/23/2018	1628.10
ACX-16	823946.00	26724229.00	Qal/xMCf/UMCf	1659.10	5/1/2014	1670.34
					4/27/2015	1670.05
					5/11/2016	1670.20
					4/18/2017	1670.50
					4/18/2018	1670.44
ACY-15	821545.80	26723985.40	Qal/xMCf/UMCf	1679.70	4/17/2014	1690.90
					5/27/2015	1690.35
					4/13/2016	1690.10
					4/18/2017	1691.51
					4/18/2018	1690.94
ADX-112	821160.00	26717441.30	UMCf	1683.00	4/22/2014	1761.72
					4/29/2015	1745.20
					4/18/2016	1743.40
					6/4/2017	1746.81
					5/6/2018	1747.35
ADX-135	821150.50	26717438.90	UMCf	1665.15	5/18/2014	1745.28
					4/29/2015	1727.40
					4/18/2016	1724.15
					4/30/2017	1727.65
					5/6/2018	1731.80
ADX-156	821137.00	26717435.40	UMCf	1637.10	4/22/2014	1747.20
					4/29/2015	1728.90
					4/18/2016	1726.00
					4/30/2017	1729.51
					5/6/2018	1729.51
ADY-36	821333.30	26719305.80	UMCf	1720.20	4/17/2014	1736.41
					4/28/2015	1735.55
					4/14/2016	1735.40
					4/24/2017	1736.60

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ADY-36	821333.30	26719305.80	UMCf	1720.20	4/9/2018	1735.65
ADY-70	821323.00	26719305.80	UMCf	1691.20	4/17/2014	1735.95
					4/28/2015	1735.30
					4/14/2016	1735.15
					4/24/2017	1736.35
					4/9/2018	1735.34
ADY-166	821312.90	26719304.60	UMCf	1593.20	4/17/2014	1756.08
					4/28/2015	1732.80
					4/14/2016	1731.65
					4/24/2017	1734.00
					4/9/2018	1732.92
ADYX-38	821103.55	26719268.39	xMCf/UMCf	1720.35	4/16/2014	1739.71
					4/29/2015	1738.77
					4/14/2016	1738.52
					4/24/2017	1739.53
					4/9/2018	1738.66
ADYX-165	821116.31	26719273.57	UMCf	1588.14	4/16/2014	1757.77
					4/29/2015	1736.61
					4/14/2016	1735.41
					4/24/2017	1737.81
					4/9/2018	1736.72
AEX-35	821720.40	26718438.60	xMCf/UMCf	1737.70	4/17/2014	1744.78
					4/30/2015	1744.80
					4/14/2016	1744.35
					4/30/2017	1744.25
					5/8/2018	1744.90
AEX-166	821722.10	26718430.50	UMCf	1607.30	4/17/2014	1752.22
					5/19/2015	1695.45
					4/14/2016	1692.65
					4/30/2017	1695.71
					5/8/2018	1692.65
AFX-30	821985.53	26717595.85	Qal/xMCf/UMCf	1761.21	4/16/2014	1763.97
					4/29/2015	1763.68
					4/20/2016	1763.68
					4/30/2017	1764.74
					4/8/2018	1764.38
AFX-75	821964.11	26717675.40	UMCf	1714.66	4/16/2014	1761.71
					5/7/2015	1761.06
					4/20/2016	1761.71
					4/30/2017	1762.91
					4/8/2018	1762.51
AFX-148	821978.73	26717620.32	UMCf	1637.81	4/16/2014	1766.82
					4/29/2015	1749.38

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AFX-148	821978.73	26717620.32	UMCf	1637.81	4/20/2016	1747.68
					4/30/2017	1749.55
					4/8/2018	1751.34
AFX-195	821975.43	26717633.77	UMCf	1598.05	4/16/2014	1771.52
					5/7/2015	1753.08
					4/20/2016	1753.38
					4/30/2017	1756.08
					4/8/2018	1756.83
AGX-50	822804.54	26719989.41	UMCf	1690.67	4/24/2014	1712.66
					5/12/2015	1712.21
					5/3/2016	1711.96
					5/10/2017	1713.11
					4/19/2018	1712.64
AGX-90	822797.57	26719982.76	UMCf	1650.64	4/24/2014	1719.67
					6/6/2014	1718.88
					4/14/2015	1717.96
					5/12/2015	1717.86
					4/5/2016	1717.99
					5/3/2016	1717.91
					4/5/2017	1719.36
					5/10/2017	1719.01
					4/4/2018	1718.30
4/19/2018	1718.25					
AGX-160	822789.96	26719976.87	UMCf	1580.83	4/24/2014	1732.30
					5/12/2015	1728.65
					5/3/2016	1727.00
					5/10/2017	1729.65
					4/19/2018	1731.45
AGX-190	822782.76	26719970.06	UMCf	1551.08	4/24/2014	1738.75
					5/12/2015	1733.71
					5/3/2016	1733.91
					5/10/2017	1735.32
					4/19/2018	1735.06
AGX-230	822775.48	26719963.47	UMCf	1511.37	4/24/2014	1771.12
					5/3/2016	1750.32
					5/10/2017	1750.32
					4/19/2018	1750.32
AK-25	821872.05	26721155.18	Qal/xMCf	1702.22	4/14/2014	1711.20
					5/11/2015	1710.44
					4/18/2016	1710.15
					4/24/2017	1711.51
					4/19/2018	1710.62
AK-86	821868.13	26721163.69	UMCf	1641.04	4/14/2014	1715.85

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AK-86	821868.13	26721163.69	UMCf	1641.04	5/11/2015	1714.65
					4/18/2016	1714.45
					4/24/2017	1714.85
					4/19/2018	1714.94
AK-145	821864.56	26721172.30	UMCf	1581.90	4/14/2014	1736.00
					5/11/2015	1736.02
					4/18/2016	1736.20
					4/24/2017	1736.20
AK-204	821851.29	26721204.59	UMCf	1522.27	4/14/2014	1755.13
					5/11/2015	1774.80
					4/18/2016	1767.87
					4/24/2017	1774.80
AMOW-3-52	821097.77	26718872.31	UMCf	1718.35	4/16/2014	1745.35
					4/29/2015	1744.05
					4/18/2016	1743.60
					4/30/2017	1745.25
AMOW-3-165	821100.92	26718862.91	UMCf	1600.57	5/2/2016	1708.73
					4/30/2017	1711.55
					5/8/2018	1710.80
AMX-40	820936.20	26720195.70	UMCf	1711.20	4/23/2014	1728.34
					4/28/2015	1729.00
					4/14/2016	1729.05
					4/24/2017	1729.81
AMX-98	820944.70	26720198.20	UMCf	1655.60	4/17/2018	1728.75
					4/23/2014	1744.84
					4/28/2015	1740.65
					4/14/2016	1739.60
AMX-166	820953.20	26720201.00	UMCf	1585.60	4/24/2017	1742.91
					4/17/2018	1740.55
					4/23/2014	1768.00
					4/28/2015	1779.58
APX-1-45	825255.70	26729255.10	UMCf	1573.70	4/14/2016	1761.10
					4/24/2017	1780.73
					4/17/2018	1778.42
					4/17/2014	1607.60
APX-2-45	825650.90	26729263.00	UMCf	1571.10	5/12/2015	1606.90
					4/27/2016	1606.45
					4/18/2017	1608.10
					5/3/2018	1608.42
					4/23/2014	1603.13

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APX-2-45	825650.90	26729263.00	UMCf	1571.10	4/23/2015	1603.00
					4/12/2016	1604.20
					4/18/2017	1603.91
					5/3/2018	1604.39
APX-2-P101	825601.60	26729261.20	Qal/xMCf	1594.50	4/17/2014	1603.18
					4/23/2015	1603.10
					4/12/2016	1602.70
					4/18/2017	1603.81
					5/3/2018	1604.44
APX-4-20	826451.20	26729275.10	UMCf	1595.70	4/23/2014	1607.08
					4/23/2015	1606.75
					5/4/2016	1606.85
					4/18/2017	1610.30
					5/3/2018	1607.14
APX-5-7	826987.80	26729285.20	Qal/xMCf	1606.10	4/17/2014	1606.14
					4/23/2015	1606.00
					4/13/2016	1606.40
					4/18/2017	1606.10
					5/3/2018	1606.21
APX-5-16	827009.30	26729285.00	UMCf	1595.40	4/23/2014	1605.88
					4/23/2015	1605.50
					4/12/2016	1606.15
					6/6/2018	1605.52
APX-7-14	825193.10	26729254.30	Qal	1598.20	4/17/2014	1606.69
					4/23/2015	1606.15
					4/12/2016	1605.60
					4/18/2017	1607.10
					5/3/2018	1607.65
ARP-1	828592.90	26728365.67	Qal	1584.48	1/14/2014	1589.64
					2/14/2014	1589.33
					3/12/2014	1589.23
					4/17/2014	1589.01
					5/21/2014	1588.78
					6/12/2014	1588.71
					7/8/2014	1588.69
					8/8/2014	1589.17
					9/10/2014	1589.46
					10/14/2014	1589.61
					11/25/2014	1589.70
					12/30/2014	1589.76
					1/14/2015	1589.60
2/11/2015	1589.40					
3/10/2015	1589.36					

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ARP-1	828592.90	26728365.67	Qal	1584.48	4/17/2015	1589.41
					5/27/2015	1589.29
					6/23/2015	1589.25
					7/16/2015	1589.18
					8/12/2015	1589.28
					9/16/2015	1589.30
					10/13/2015	1590.15
					11/11/2015	1591.25
					12/11/2015	1590.20
					1/14/2016	1590.06
					2/12/2016	1590.03
					3/10/2016	1589.67
					4/7/2016	1589.59
					5/6/2016	1590.12
					6/9/2016	1590.47
					7/20/2016	1590.18
					8/3/2016	1589.12
					9/20/2016	1587.79
10/12/2016	1591.89					
11/8/2016	1590.69					
5/1/2017	1586.27					
11/6/2017	1583.02					
5/7/2018	1583.25					
11/5/2018	1583.72					
ARP-2A	828722.79	26728404.69	Qal	1575.96	1/15/2014	1588.96
					2/13/2014	1588.69
					3/13/2014	1588.57
					4/17/2014	1588.35
					5/20/2014	1588.15
					6/12/2014	1588.06
					7/9/2014	1588.03
					8/7/2014	1588.54
					9/11/2014	1588.77
					10/15/2014	1589.00
					11/25/2014	1589.01
					12/29/2014	1589.09
					1/14/2015	1588.92
					2/13/2015	1588.70
					3/11/2015	1588.65
4/21/2015	1588.70					
5/19/2015	1588.70					
6/25/2015	1585.77					
7/15/2015	1588.51					

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Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (ft amsl)
ARP-2A	828722.79	26728404.69	Qal	1575.96	8/12/2015	1588.67
					9/17/2015	1588.81
					10/14/2015	1589.46
					11/11/2015	1590.47
					12/10/2015	1589.48
					1/13/2016	1589.38
					2/11/2016	1589.39
					3/10/2016	1588.94
					4/7/2016	1588.88
					5/5/2016	1589.43
					6/13/2016	1589.83
					7/20/2016	1589.65
					8/3/2016	1588.55
					9/20/2016	1587.13
					10/12/2016	1590.88
					11/8/2016	1590.02
5/1/2017	1585.71					
11/6/2017	1582.33					
5/7/2018	1582.86					
11/5/2018	1583.38					
ARP-3A	828856.07	26728403.15	Qal	1584.26	1/15/2014	1588.03
					2/13/2014	1587.79
					3/13/2014	1587.64
					4/17/2014	1587.40
					5/20/2014	1587.24
					6/12/2014	1587.14
					7/9/2014	1587.15
					8/7/2014	1587.43
					9/11/2014	1587.84
					10/15/2014	1588.06
					11/25/2014	1588.05
					12/29/2014	1588.10
					1/14/2015	1587.98
					2/12/2015	1587.71
					3/11/2015	1587.66
					4/21/2015	1587.73
5/19/2015	1587.75					
6/25/2015	1600.79					
7/15/2015	1587.48					
8/12/2015	1587.73					
9/17/2015	1587.85					
10/14/2015	1588.29					
11/11/2015	1589.07					

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
ARP-3A	828856.07	26728403.15	Qal	1584.26	12/10/2015	1588.42
					1/13/2016	1588.46
					2/11/2016	1588.29
					3/10/2016	1587.46
					4/7/2016	1587.81
					5/5/2016	1588.31
					6/13/2016	1588.83
					7/20/2016	1588.64
					8/3/2016	1587.79
					9/20/2016	1586.45
					10/12/2016	1589.64
					11/8/2016	1589.05
					5/1/2017	1585.15
					11/6/2017	1582.11
5/7/2018	1582.69					
11/5/2018	1583.40					
ARP-4A	829167.66	26728412.05	Qal	1590.54	1/15/2014	1586.82
					2/13/2014	1586.61
					3/13/2014	1586.46
					4/17/2014	1586.30
					5/20/2014	1586.12
					6/12/2014	1586.08
					7/9/2014	1586.01
					8/7/2014	1586.43
					9/11/2014	1586.79
					10/15/2014	1586.96
					11/25/2014	1586.99
					12/29/2014	1587.09
					1/14/2015	1587.03
					2/12/2015	1586.94
					3/11/2015	1586.79
					4/17/2015	1586.74
					5/19/2015	1586.72
					6/25/2015	1586.64
					7/15/2015	1586.66
					8/12/2015	1586.81
9/16/2015	1586.96					
10/14/2015	1587.12					
11/11/2015	1587.68					
12/10/2015	1587.60					
1/13/2016	1587.36					
2/11/2016	1587.16					
3/10/2016	1586.93					

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
ARP-4A	829167.66	26728412.05	Qal	1590.54	4/7/2016	1586.43
					5/5/2016	1586.92
					6/13/2016	1587.31
					7/20/2016	1587.29
					8/3/2016	1586.80
					9/20/2016	1585.66
					10/12/2016	1587.03
					11/8/2016	1587.65
					5/1/2017	1584.69
					11/6/2017	1582.72
					5/7/2018	1583.04
11/5/2018	1583.66					
ARP-5A	829374.74	26728458.50	Qal	1591.31	1/15/2014	1584.51
					2/13/2014	1584.36
					3/13/2014	1584.25
					4/17/2014	1583.97
					5/21/2014	1583.72
					6/12/2014	1583.65
					7/9/2014	1583.51
					8/7/2014	1583.73
					9/11/2014	1584.11
					10/15/2014	1584.38
					11/25/2014	1584.58
					12/29/2014	1584.78
					1/14/2015	1584.79
					2/12/2015	1584.71
					3/11/2015	1584.54
					4/17/2015	1584.42
					5/19/2015	1584.38
					6/24/2015	1584.18
					7/15/2015	1584.13
					8/12/2015	1584.27
					9/16/2015	1584.23
10/14/2015	1584.21					
11/11/2015	1584.72					
12/10/2015	1584.06					
1/13/2016	1584.00					
2/11/2016	1583.32					
3/10/2016	1583.37					
4/7/2016	1582.95					
5/5/2016	1583.68					
6/13/2016	1584.93					
7/20/2016	1584.55					

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
ARP-5A	829374.74	26728458.50	Qal	1591.31	8/3/2016	1584.29
					9/20/2016	1583.42
					10/12/2016	1584.71
					11/8/2016	1584.77
					5/1/2017	1583.05
					11/6/2017	1582.82
					5/7/2018	1582.92
					11/5/2018	1583.38
ARP-6B	829520.19	26728500.05	Qal	1580.70	1/15/2014	1584.44
					2/13/2014	1584.32
					3/13/2014	1584.19
					4/17/2014	1583.99
					5/21/2014	1583.69
					6/12/2014	1583.60
					7/9/2014	1583.48
					8/7/2014	1583.77
					9/11/2014	1584.08
					10/15/2014	1584.34
					11/25/2014	1584.55
					12/29/2014	1584.72
					1/15/2015	1584.59
					2/12/2015	1584.60
					3/11/2015	1584.42
					4/17/2015	1584.33
					5/19/2015	1584.30
					6/24/2015	1584.08
					7/15/2015	1584.06
					8/12/2015	1584.19
					9/16/2015	1584.09
					10/14/2015	1584.03
					11/11/2015	1584.56
					12/10/2015	1583.63
					1/13/2016	1583.80
					2/11/2016	1583.34
					3/10/2016	1583.10
					4/7/2016	1583.07
5/5/2016	1583.46					
6/13/2016	1584.36					
7/20/2016	1584.53					
8/3/2016	1584.22					
9/20/2016	1583.46					
10/12/2016	1584.75					
11/8/2016	1585.68					

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
ARP-6B	829520.19	26728500.05	Qal	1580.70	5/1/2017	1582.83
					11/6/2017	1582.26
					5/7/2018	1582.69
					11/5/2018	1583.17
ARP-7	829667.95	26728501.24	Qal	1588.07	1/15/2014	1584.06
					2/13/2014	1583.89
					3/13/2014	1583.79
					4/17/2014	1583.57
					5/20/2014	1583.32
					6/12/2014	1583.19
					7/9/2014	1583.05
					8/7/2014	1583.28
					9/11/2014	1583.67
					10/15/2014	1583.91
					11/25/2014	1584.09
					12/29/2014	1584.22
					1/15/2015	1584.17
					2/12/2015	1584.11
					3/12/2015	1583.95
					4/17/2015	1583.86
					5/19/2015	1583.81
					6/24/2015	1583.62
					7/15/2015	1583.59
					8/12/2015	1583.68
					9/16/2015	1583.63
					10/14/2015	1583.59
					11/11/2015	1584.14
					12/10/2015	1583.38
					1/13/2016	1583.42
					2/11/2016	1582.95
					3/10/2016	1582.63
					4/7/2016	1582.61
5/5/2016	1583.08					
6/13/2016	1583.91					
7/20/2016	1584.04					
8/3/2016	1583.74					
9/20/2016	1583.01					
10/12/2016	1584.05					
11/8/2016	1584.25					
5/1/2017	1583.01					
11/6/2017	1582.31					
5/7/2018	1582.81					
11/5/2018	1583.30					

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS AT CALIBRATION TARGETS (2014-2018)

Phase 6 Groundwater Flow and Transport Model

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Henderson, Nevada

Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (ft amsl)
ART-6	829472.70	26728140.74	Qal	1592.20	1/9/2014	1586.38
					2/3/2014	1587.36
					3/13/2014	1586.82
					4/14/2014	1585.98
					5/5/2014	1585.98
					6/20/2014	1585.70
					7/2/2014	1585.63
					8/7/2014	1585.67
					9/8/2014	1585.68
					10/22/2014	1586.09
					11/5/2014	1586.14
					12/16/2014	1586.33
					1/16/2015	1587.12
					2/3/2015	1587.08
					3/10/2015	1586.83
					4/17/2015	1586.57
					5/4/2015	1588.39
					6/9/2015	1586.08
					7/6/2015	1585.77
					8/3/2015	1586.54
					9/10/2015	1585.27
					10/20/2015	1586.11
					11/18/2015	1586.24
					12/15/2015	1585.02
					1/20/2016	1580.02
					2/3/2016	1584.79
					3/10/2016	1584.71
					4/7/2016	1584.41
					5/2/2016	1579.80
					6/13/2016	1580.69
7/19/2016	1580.99					
8/2/2016	1580.99					
9/14/2016	1580.34					
10/3/2016	1583.80					
11/7/2016	1585.97					
12/15/2016	1584.01					
1/5/2017	1585.25					
2/8/2017	1585.06					
3/7/2017	1584.97					
4/4/2017	1585.25					
5/2/2017	1584.85					
6/12/2017	1584.57					
7/6/2017	1585.19					

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
ART-6	829472.70	26728140.74	Qal	1592.20	8/2/2017	1585.19
					9/6/2017	1584.21
					10/4/2017	1584.21
					11/1/2017	1584.07
					12/6/2017	1585.47
					1/4/2018	1585.13
					2/6/2018	1585.25
					3/8/2018	1585.32
					4/4/2018	1585.19
					5/8/2018	1585.16
					6/5/2018	1585.04
					7/17/2018	1585.03
					8/14/2018	1585.52
					9/11/2018	1585.29
10/10/2018	1585.49					
11/13/2018	1585.16					
12/19/2018	1584.88					
ART-7	829576.54	26728145.85	Qal	1589.66	1/9/2014	1585.64
					2/3/2014	1585.68
					3/13/2014	1585.54
					4/14/2014	1585.27
					5/5/2014	1585.36
					6/20/2014	1584.77
					7/2/2014	1584.68
					8/7/2014	1584.88
					9/8/2014	1585.01
B01	825676.63	26717341.36	xMCf	1758.39	6/30/2015	1767.30
					4/6/2016	1767.93
					4/5/2017	1768.48
					4/5/2018	1766.43
BEC-5	834179.00	26725181.00	UMCf	1628.16	4/5/2018	1631.04
BEC-6	835794.86	26724104.56	UMCf	1652.76	6/8/2015	1666.58
BEC-7	832697.00	26725933.00	UMCf	1610.32	4/5/2018	1606.62
BEC-10	835778.56	26727623.50	UMCf	1576.88	4/2/2018	1601.07
BEC-12	840870.00	26728991.00	UMCf	1631.00	4/5/2018	1632.13
BH-01	829548.44	26730384.35	Qal	1565.87	9/21/2015	1569.30
					12/7/2015	1576.03
					12/16/2015	1572.45
					12/21/2015	1574.98
					12/29/2015	1572.23
					1/12/2016	1571.11
					1/25/2016	1569.38
2/22/2016	1568.43					

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
BH-01	829548.44	26730384.35	Qal	1565.87	3/21/2016	1567.78
					4/19/2016	1570.85
					5/16/2016	1570.61
					8/8/2016	1569.87
BHE1-10	828193.10	26723364.50	Qal/xMCf	1660.70	4/22/2014	1669.76
					1/14/2015	1668.30
					5/11/2015	1669.50
					4/27/2016	1668.95
					5/15/2017	1668.80
					5/9/2018	1666.84
BP-MW01	829235.64	26729748.60	Qal	1574.60	9/21/2015	1578.30
					12/7/2015	1578.53
					12/15/2015	1579.20
					12/21/2015	1579.78
					12/29/2015	1579.14
					1/12/2016	1578.66
					1/25/2016	1578.09
					2/22/2016	1577.63
					3/21/2016	1577.53
					4/19/2016	1578.76
					5/16/2016	1579.15
8/8/2016	1578.68					
BP-MW02	829324.69	26729994.12	Qal	1571.80	9/21/2015	1575.58
					12/7/2015	1576.49
					12/15/2015	1577.07
					12/21/2015	1578.09
					12/29/2015	1576.83
					1/12/2016	1576.10
					1/25/2016	1575.31
					2/22/2016	1574.59
					3/21/2016	1574.35
					4/19/2016	1576.18
					5/16/2016	1576.43
8/8/2016	1575.79					
BP-MW03	829297.30	26729885.75	Qal	1574.23	9/21/2015	1576.87
					12/7/2015	1577.45
					12/15/2015	1578.07
					12/21/2015	1578.87
					12/29/2015	1577.90
					1/12/2016	1577.28
					1/25/2016	1576.63
					2/22/2016	1576.10
3/21/2016	1575.92					

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
BP-MW03	829297.30	26729885.75	Qal	1574.23	4/19/2016	1577.34
					5/16/2016	1578.13
					8/8/2016	1577.10
BP-MW04	829368.54	26730002.43	Qal	1566.66	9/21/2015	1574.66
					12/7/2015	1576.45
					12/15/2015	1576.55
					12/21/2015	1577.78
					12/29/2015	1576.01
					1/12/2016	1575.43
					1/25/2016	1574.56
					2/22/2016	1573.74
					3/21/2016	1573.45
					4/19/2016	1575.38
					5/16/2016	1575.49
8/8/2016	1574.89					
BP-MW05	829284.86	26729817.34	Qal	1575.92	9/21/2015	1577.47
					12/7/2015	1577.93
					12/15/2015	1578.56
					12/21/2015	1579.25
					12/29/2015	1578.43
					1/12/2016	1577.85
					1/25/2016	1577.24
					2/22/2016	1576.75
					3/21/2016	1576.58
					4/19/2016	1577.90
					5/16/2016	1578.22
8/8/2016	1577.70					
BP-MW06	829369.04	26729934.28	Qal	1567.48	9/21/2015	1575.41
					12/7/2015	1576.90
					12/15/2015	1576.83
					12/21/2015	1578.20
					12/29/2015	1576.84
					1/12/2016	1576.14
					1/25/2016	1575.40
					2/22/2016	1574.75
					3/21/2016	1574.52
					4/19/2016	1576.10
					5/16/2016	1576.24
8/8/2016	1575.70					
BP-MW07	829369.43	26729823.20	Qal	1575.02	9/21/2015	1576.84
					12/7/2015	1577.56
					12/15/2015	1578.07
					12/21/2015	1578.86

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
BP-MW07	829369.43	26729823.20	Qal	1575.02	12/29/2015	1577.88
					1/12/2016	1577.29
					1/25/2016	1576.68
					2/22/2016	1576.17
					3/21/2016	1575.98
					4/19/2016	1577.30
					5/16/2016	1577.55
8/8/2016	1577.07					
BP-MW08	829428.56	26729952.18	Qal	1569.41	9/21/2015	1574.75
					12/7/2015	1576.74
					12/15/2015	1576.65
					12/21/2015	1577.93
					12/29/2015	1576.32
					1/12/2016	1575.54
					1/25/2016	1574.75
					2/22/2016	1574.04
					3/21/2016	1573.81
					4/19/2016	1575.48
5/16/2016	1575.54					
8/8/2016	1574.99					
BP-MW09	829405.20	26729792.56	Qal	1573.62	9/21/2015	1576.95
					12/7/2015	1577.65
					12/15/2015	1578.15
					12/21/2015	1578.96
					12/29/2015	1577.99
					1/12/2016	1577.41
					1/25/2016	1576.81
					2/22/2016	1576.30
					3/21/2016	1576.11
					4/19/2016	1577.40
5/16/2016	1577.65					
8/8/2016	1577.19					
BRW-R1	831558.84	26716928.10	Qal	1794.10	4/7/2014	1797.80
					10/6/2014	1797.15
					3/1/2015	1796.72
					3/2/2015	1796.84
					3/3/2015	1796.38
					3/30/2015	1797.39
					4/3/2015	1797.39
					6/1/2015	1796.83
					6/2/2015	1796.18
6/3/2015	1795.79					
6/29/2015	1797.13					

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
BRW-R1	831558.84	26716928.10	Qal	1794.10	9/1/2015	1796.38
					9/2/2015	1795.88
					9/3/2015	1794.80
					9/18/2015	1796.82
					10/12/2015	1796.84
					12/1/2015	1796.68
					12/2/2015	1796.33
					12/3/2015	1796.11
					3/4/2016	1800.94
					4/11/2016	1799.86
4/16/2018	1797.18					
CLD1-R	828993.72	26720138.24	Qal	1720.60	3/1/2015	1719.05
					3/2/2015	1717.52
					3/3/2015	1717.26
					6/1/2015	1718.13
					6/2/2015	1718.12
					6/3/2015	1716.82
					9/1/2015	1717.68
					9/2/2015	1717.27
					9/3/2015	1716.54
					12/1/2015	1717.57
12/2/2015	1717.22					
12/3/2015	1716.27					
CLD2-R	828920.85	26719965.90	Qal	1730.50	3/1/2015	1722.78
					3/2/2015	1721.84
					3/3/2015	1721.85
					6/1/2015	1721.85
					6/2/2015	1722.74
					6/3/2015	1721.41
					9/1/2015	1721.50
					9/2/2015	1721.84
					9/3/2015	1721.37
					12/1/2015	1721.62
12/2/2015	1721.79					
12/3/2015	1718.59					
CLD3-R	829651.41	26720010.74	Qal	1720.70	3/1/2015	1722.06
					3/2/2015	1720.67
					3/3/2015	1719.40
					6/1/2015	1721.76
					6/2/2015	1720.32
					6/3/2015	1719.06
					6/29/2015	1720.50
9/1/2015	1721.43					

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
CLD3-R	829651.41	26720010.74	Qal	1720.70	9/2/2015	1719.77
					9/3/2015	1718.54
					9/18/2015	1720.21
					10/12/2015	1720.10
					12/1/2015	1721.10
					12/2/2015	1719.47
					12/3/2015	1718.14
					3/4/2016	1719.97
					4/11/2016	1719.97
4/16/2018	1720.36					
CLD4-R	829034.28	26718854.29	Qal	1744.50	4/7/2014	1744.30
					10/6/2014	1743.78
					3/1/2015	1744.77
					3/2/2015	1745.47
					3/3/2015	1744.07
					3/30/2015	1743.37
					4/11/2015	1743.37
					6/1/2015	1744.11
					6/2/2015	1745.47
					6/3/2015	1744.02
					6/29/2015	1743.04
					9/1/2015	1743.84
					9/2/2015	1744.37
					9/3/2015	1743.86
					9/18/2015	1742.88
					10/12/2015	1742.93
					12/1/2015	1744.45
					12/2/2015	1743.97
12/3/2015	1743.72					
3/4/2016	1742.73					
4/11/2016	1742.78					
CMT-101	829635.17	26719980.31	xMCf	1701.15	4/7/2014	1722.95
					3/30/2015	1724.77
					5/26/2015	1724.77
					6/29/2015	1724.18
					9/18/2015	1723.98
					10/12/2015	1724.08
					3/4/2016	1723.82
CP-1	825287.67	26716403.47	UMCf	1704.00	6/6/2014	1795.21
					4/14/2015	1796.03
					6/30/2015	1795.72
					4/6/2016	1795.97
					4/5/2017	1796.46

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
CP-1	825287.67	26716403.47	UMCf	1704.00	4/5/2018	1796.46
CSMMW-1	829601.30	26717854.87	Qal/xMCf	1765.35	4/7/2014	1768.58
					3/30/2015	1767.12
					4/28/2015	1767.12
					6/29/2015	1767.00
					9/18/2015	1767.14
					10/12/2015	1767.23
					3/4/2016	1766.92
CSMMW-2	830257.07	26718054.66	Qal/xMCf	1760.17	4/7/2014	1762.59
					3/30/2015	1761.55
					4/29/2015	1761.55
					6/29/2015	1761.55
					9/18/2015	1761.47
					10/12/2015	1761.44
					3/4/2016	1761.21
CTMW-01D	828141.25	26719217.23	UMCf	1715.68	4/3/2017	1734.77
					5/2/2017	1734.71
					5/16/2017	1734.60
					5/31/2017	1734.68
					6/19/2017	1734.66
					7/17/2017	1734.51
					8/22/2017	1734.42
					9/19/2017	1733.37
10/3/2017	1734.40					
CTMW-01S	828141.28	26719216.94	Qal	1735.68	4/3/2017	1734.95
					5/2/2017	1734.91
					5/16/2017	1735.03
					5/31/2017	1734.88
					6/19/2017	1734.92
					7/17/2017	1734.71
					8/22/2017	1734.66
					9/19/2017	1734.31
10/3/2017	1734.49					
CTMW-02D	828163.94	26719234.81	UMCf	1715.82	4/3/2017	1734.54
					5/2/2017	1734.30
					5/16/2017	1734.19
					5/31/2017	1734.18
					6/19/2017	1734.14
					7/17/2017	1734.04
					8/22/2017	1733.90
9/19/2017	1733.86					

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
CTMW-02D	828163.94	26719234.81	UMCf	1715.82	10/3/2017	1733.90
CTMW-02S	828163.80	26719235.07	Qal	1735.82	4/3/2017	1734.74
					5/2/2017	1734.42
					5/16/2017	1734.31
					5/31/2017	1734.36
					6/19/2017	1734.46
					7/17/2017	1734.25
					9/19/2017	1734.00
CTMW-03D	828129.76	26719237.27	UMCf	1720.65	4/3/2017	1734.80
					5/2/2017	1734.67
					5/16/2017	1734.66
					5/31/2017	1734.65
					6/19/2017	1734.65
					7/17/2017	1734.48
					8/22/2017	1734.43
9/19/2017	1734.35					
CTMW-03S	828129.57	26719237.01	Qal	1735.65	4/3/2017	1734.85
					5/2/2017	1734.80
					5/16/2017	1734.76
					5/31/2017	1734.74
					6/19/2017	1734.81
					7/17/2017	1734.62
					8/22/2017	1734.57
9/19/2017	1734.48					
CTMW-04D	828147.97	26719246.76	UMCf	1715.67	4/3/2017	1734.38
					5/2/2017	1734.25
					5/16/2017	1734.12
					5/31/2017	1734.14
					6/19/2017	1734.15
					7/17/2017	1733.99
					8/22/2017	1733.93
9/19/2017	1733.87					
CTMW-04S	828147.93	26719246.99	Qal	1735.67	4/3/2017	1734.63
					5/2/2017	1734.39
					5/16/2017	1734.29
					5/31/2017	1734.31
					6/19/2017	1734.34
7/17/2017	1734.20					
					8/22/2017	1734.11

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
CTMW-04S	828147.93	26719246.99	Qal	1735.67	9/19/2017	1734.10
					10/3/2017	1734.02
CTMW-05D	828149.35	26719266.62	UMCf	1713.15	6/19/2017	1733.89
					7/17/2017	1733.77
					8/22/2017	1733.72
					9/19/2017	1733.69
					10/3/2017	1733.71
CTMW-05S	828149.57	26719266.51	Qal	1735.65	6/19/2017	1734.06
					7/17/2017	1733.96
					8/22/2017	1733.88
					9/19/2017	1733.86
					10/3/2017	1733.82
CTMW-06D	828177.54	26719256.06	UMCf	1713.17	6/19/2017	1733.68
					7/17/2017	1733.58
					8/22/2017	1733.46
					9/19/2017	1733.47
					10/3/2017	1733.47
CTMW-06S	828177.64	26719256.30	Qal	1735.67	6/19/2017	1734.02
					7/17/2017	1733.90
					8/22/2017	1733.84
					9/19/2017	1733.79
					10/3/2017	1733.78
DBMW-1	830469.80	26727999.08	Qal/UMCf	1590.13	4/7/2014	1590.21
					3/30/2015	1590.36
					6/9/2015	1590.36
					9/18/2015	1589.39
					10/12/2015	1589.54
					3/4/2016	1589.75
					4/5/2016	1589.52
					4/11/2016	1589.38
					4/2/2018	1590.46
4/16/2018	1590.42					
DBMW-3	831032.81	26728150.18	Qal/UMCf	1594.40	12/15/2014	1597.02
					6/5/2015	1596.84
					9/18/2015	1591.52
					10/12/2015	1591.59
					3/4/2016	1591.46
					4/11/2016	1591.30
					4/2/2018	1598.34
4/16/2018	1592.99					
DBMW-4	832295.68	26729903.39	Qal/UMCf	1583.49	12/15/2014	1579.78
					6/5/2015	1579.71
					4/4/2016	1579.48

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
DBMW-4	832295.68	26729903.39	Qal/UMCf	1583.49	5/2/2017	1579.79
					4/2/2018	1580.29
					5/7/2018	1580.39
DBMW-5	833399.07	26729807.30	UMCf	1581.65	12/12/2014	1581.45
					6/5/2015	1581.44
					4/4/2016	1581.35
					4/2/2018	1582.16
DBMW-7	835304.94	26729069.98	UMCf	1568.99	4/7/2016	1573.11
					4/3/2018	1573.67
DBMW-8	835406.66	26729026.85	UMCf	1571.49	12/12/2014	1573.14
					6/4/2015	1573.23
					4/7/2016	1574.25
					4/3/2018	1575.15
DBMW-9	836248.43	26727788.85	UMCf	1592.76	3/29/2018	1600.51
DBMW-10	836955.59	26727918.57	Qal/UMCf	1596.33	12/11/2014	1602.17
					6/1/2015	1602.16
					3/29/2018	1602.33
DBMW-11	837595.56	26727990.80	UMCf	1604.20	12/11/2014	1622.43
					6/1/2015	1617.67
DBMW-12	838000.96	26727975.84	UMCf	1606.36	12/11/2014	1614.16
					5/29/2015	1609.11
					3/29/2018	1624.71
DBMW-13	838573.96	26728026.27	UMCf	1615.93	12/18/2014	1632.43
					6/3/2015	1626.48
					3/30/2018	1633.69
DBMW-14	838999.37	26728032.25	UMCf	1631.89	12/10/2014	1641.76
					1/9/2015	1649.86
					6/1/2015	1646.15
					6/2/2015	1646.18
					4/10/2018	1651.75
DBMW-15	839456.96	26728062.10	UMCf	1637.75	12/22/2014	1658.73
					6/3/2015	1651.72
					3/30/2018	1656.50
DBMW-16	840514.78	26728557.03	Qal/UMCf	1593.58	3/30/2018	1606.14
DBMW-17	840772.27	26728097.27	Qal/UMCf	1647.57	4/3/2018	1649.06
DBMW-18	840571.34	26727750.53	Qal/UMCf	1659.11	3/30/2018	1656.98
DBMW-22	839141.01	26733030.27	UMCf	1487.08	6/19/2015	1489.33
					4/7/2016	1505.74
					4/11/2018	1506.63
DFW-03	827571.31	26719221.30	UMCf	1723.26	5/15/2018	1741.94
DFW-04	827610.10	26719213.17	UMCf	1719.21	5/15/2018	1732.07
DFW-05	827638.48	26719226.97	UMCf	1719.29	5/15/2018	1732.90
DFW-06	827662.10	26718923.57	UMCf	1725.74	5/16/2018	1736.41

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
DM-1	832745.01	26722024.65	Qal	1686.61	4/17/2014	1679.79
					10/6/2014	1680.01
					12/16/2014	1678.05
					3/30/2015	1679.63
					6/5/2015	1679.63
					6/8/2015	1677.26
					9/18/2015	1679.63
					10/12/2015	1679.60
					3/4/2016	1679.17
					4/11/2016	1679.14
					4/12/2018	1677.51
DMC-MW-26	825692.03	26717360.62	UMCf	1531.34	6/6/2014	1819.51
					4/14/2015	1820.67
					6/30/2015	1820.67
					4/6/2016	1820.65
					4/5/2017	1821.82
					4/5/2018	1812.58
DMC-MW-27R	825211.51	26716407.16	UMCf	1580.71	6/6/2014	1819.58
					4/14/2015	1820.60
					6/30/2015	1820.55
					4/6/2016	1820.87
					4/5/2017	1821.91
					4/5/2018	1822.76
DMC-MW-28	825775.48	26719450.04	UMCf	1485.62	4/15/2015	1788.44
					6/30/2015	1789.83
					4/5/2016	1786.11
					7/25/2016	1804.61
					4/5/2017	1788.44
					4/4/2018	1796.68
DPT-01	825680.22	26717349.85	UMCf	1686.45	6/6/2014	1770.09
					4/14/2015	1772.01
					6/30/2015	1770.99
					4/6/2016	1773.07
					4/5/2017	1771.19
					4/5/2018	1769.32
DX-24	819502.00	26717126.30	UMCf	1801.00	4/16/2014	1809.90
					5/7/2015	1808.37
					4/14/2016	1808.10
					4/26/2017	1808.45
					4/15/2018	1808.10
DX-30	819846.50	26717128.90	UMCf	1790.20	4/16/2014	1804.15
					4/30/2015	1803.10

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
DX-30	819846.50	26717128.90	UMCf	1790.20	4/14/2016	1802.80
					4/26/2017	1802.90
					4/16/2018	1802.70
DX-75	819846.60	26717139.50	UMCf	1745.10	4/16/2014	1809.86
					4/30/2015	1806.06
					4/14/2016	1805.05
					4/26/2017	1805.00
					4/16/2018	1805.00
DX-121	819846.10	26717149.50	UMCf	1699.10	5/20/2014	1779.78
					4/30/2015	1763.70
					5/2/2016	1757.60
					4/26/2017	1754.65
					6/6/2018	1755.21
DX-161	819845.60	26717159.40	UMCf	1659.10	4/16/2014	1782.04
					4/30/2015	1768.15
					4/14/2016	1763.35
					4/26/2017	1759.60
					4/16/2018	1760.25
DX-270	819846.00	26717118.00	UMCf	1550.50	4/16/2014	1834.00
					5/19/2015	1817.00
					4/20/2016	1827.25
					4/26/2017	1825.91
					4/15/2018	1827.70
DX-350	819836.00	26717149.00	UMCf	1470.70	4/14/2016	1830.70
					4/26/2017	1830.70
					4/15/2018	1830.70
DY-26	820125.60	26718551.10	xMCf/UMCf	1764.60	4/30/2014	1778.85
					5/7/2015	1778.25
					5/16/2016	1779.00
					5/2/2017	1779.10
					4/24/2018	1778.20
DY-106	820116.60	26718551.30	UMCf	1684.40	4/30/2014	1790.49
					5/7/2015	1787.45
					4/14/2016	1786.65
					5/2/2017	1787.10
					4/24/2018	1786.16
DY-169	820135.30	26718550.80	UMCf	1621.40	5/18/2014	1777.80
					5/7/2015	1768.60
					5/16/2016	1766.90
					5/2/2017	1766.70
					4/24/2018	1764.90
DZ-15	818150.03	26717687.40	UMCf	1812.03	4/21/2014	1818.68
					4/27/2015	1816.56

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
DZ-15	818150.03	26717687.40	UMCf	1812.03	5/16/2016	1816.46
					5/4/2017	1816.86
					4/11/2018	1816.36
DZ-152	818149.68	26717703.43	UMCf	1674.68	4/21/2014	1816.44
					4/27/2015	1813.38
					4/20/2016	1813.03
					5/4/2017	1813.08
					4/11/2018	1812.66
E-N	825534.03	26721671.23	Qal	1678.70	4/13/2015	1685.79
					10/5/2015	1685.30
					4/4/2016	1685.37
					10/4/2016	1685.32
					4/3/2017	1685.85
					10/4/2017	1686.31
					4/3/2018	1686.07
5/23/2018	1686.72					
E-S	825485.40	26721390.81	Qal	1682.38	4/13/2015	1687.30
					10/5/2015	1686.88
					4/4/2016	1686.95
					10/4/2016	1686.94
					4/4/2017	1687.53
					10/5/2017	1687.97
					4/3/2018	1687.71
5/23/2018	1688.16					
EC-4	824135.84	26717035.31	UMCf	1747.76	6/6/2014	1766.21
					4/14/2015	1766.60
					4/6/2016	1766.42
					4/5/2017	1766.51
EC-10	823570.10	26717752.81	Qal/xMCf	1743.93	6/9/2014	1749.90
					4/14/2015	1750.06
					4/6/2016	1749.99
					4/6/2017	1750.64
					4/5/2018	1750.46
EC-14	824258.28	26718049.25	UMCf	1669.87	6/6/2014	1753.72
					4/14/2015	1753.84
					4/6/2016	1753.94
					4/6/2017	1754.06
					4/5/2018	1753.81
ES-1	831068.03	26720247.99	UMCf	1651.04	3/26/2018	1708.77
ES-2	831474.03	26721263.23	Qal/UMCf	1691.23	4/4/2018	1692.19
ES-3	830702.56	26721654.03	Qal	1687.66	3/28/2018	1688.46
ES-4	831228.81	26721583.57	UMCf	1646.94	4/4/2018	1688.48
ES-5	831093.61	26723491.09	UMCf	1612.92	4/5/2018	1655.67

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
ES-6	830695.51	26725467.31	UMCf	1593.65	4/12/2018	1628.14
ES-7	833810.27	26725608.57	UMCf	1608.43	4/12/2018	1626.11
ES-8A	835755.84	26724135.49	UMCf	1646.68	3/27/2018	1669.30
ES-8B	835743.11	26724142.40	UMCf	1616.60	3/28/2018	1667.83
					4/9/2018	1667.63
ES-10	831010.98	26728252.65	UMCf	1566.27	4/2/2018	1587.36
ES-11	832629.88	26728619.00	UMCf	1576.90	4/2/2018	1591.82
ES-12	832743.14	26729785.84	UMCf	1550.18	4/2/2018	1577.91
ES-13	834911.16	26728997.78	UMCf	1533.12	4/2/2018	1572.11
ES-14A	835854.83	26727285.86	UMCf	1606.30	5/24/2018	1606.68
ES-16	837795.33	26728120.10	UMCf	1570.84	5/24/2018	1576.31
ES-17	838317.31	26728096.46	UMCf	1576.55	5/24/2018	1614.38
ES-18	839215.94	26728133.54	UMCf	1579.58	5/24/2018	1584.06
ES-19	840084.16	26728425.58	UMCf	1518.46	4/10/2018	1619.55
ES-20	840584.03	26727738.94	UMCf	1615.20	4/10/2018	1657.10
ES-21A	836764.30	26730354.03	UMCf	1553.79	11/12/2018	1564.59
ES-21B	836761.38	26730362.32	UMCf	1523.56	11/12/2018	1560.57
ES-22A	838215.09	26729378.29	UMCf	1600.49	11/13/2018	1599.69
ES-22B	838219.47	26729386.04	UMCf	1570.10	11/13/2018	1597.61
ES-23A	840103.88	26730541.86	UMCf	1562.52	11/13/2018	1573.39
ES-23B	840112.56	26730539.18	UMCf	1422.45	11/13/2018	1564.81
ES-24	838489.46	26731540.00	UMCf	1492.74	11/13/2018	1537.45
ES-25A	838620.20	26732670.29	UMCf	1491.43	4/11/2018	1518.75
ES-25B	838629.68	26732670.53	UMCf	1461.53	4/11/2018	1503.53
ES-26	839156.96	26733027.08	UMCf	1462.07	4/11/2018	1516.23
ES-27	839754.54	26733933.52	Qal	1469.45	4/11/2018	1495.47
ES-28	833324.53	26720624.95	UMCf	1683.96	4/9/2018	1698.10
ES-29	835197.47	26721162.00	UMCf	1693.49	2/17/2018	1708.84
ES-30	831683.05	26725401.87	UMCf	1582.33	4/9/2018	1613.10
ES-31	832204.06	26726968.30	UMCf	1578.92	4/9/2018	1601.08
ES-32	832493.20	26723507.75	UMCf	1613.93	4/12/2018	1649.12
ES-33	830688.49	26727819.66	UMCf	1598.47	5/23/2018	1598.71
ES-34	831294.61	26727878.60	UMCf	1593.92	5/23/2018	1597.48
ES-35	831812.43	26727994.68	UMCf	1588.42	5/22/2018	1597.63
ES-36	832531.15	26728075.74	UMCf	1591.11	5/22/2018	1594.56
ES-37	830634.29	26727252.08	UMCf	1602.06	5/22/2018	1604.47
ES-38	831828.20	26727641.10	UMCf	1592.98	5/23/2018	1599.76
ES-39	832407.53	26727422.09	UMCf	1597.56	5/23/2018	1596.63
EWxMCF-01	828831.09	26719882.81	xMCF	1681.30	3/30/2015	1724.37
					6/10/2015	1724.37
					6/29/2015	1724.13
					9/18/2015	1723.89
10/12/2015	1723.86					

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
EWxMCF-01	828831.09	26719882.81	xMCf	1681.30	3/4/2016	1723.98
					4/16/2018	1724.40
EWxMCF-02	829031.44	26719949.30	xMCf	1673.88	3/30/2015	1723.54
					6/14/2015	1723.54
					6/29/2015	1723.31
					9/18/2015	1723.01
					10/12/2015	1722.98
					3/4/2016	1722.88
					4/16/2018	1722.94
EWxMCF-05	829492.50	26720037.49	xMCf	1689.14	3/30/2015	1722.46
					6/12/2015	1722.46
					6/29/2015	1721.81
					9/18/2015	1721.59
					10/12/2015	1721.65
					3/4/2016	1721.46
EWxMCF-07	829843.78	26719899.66	xMCf	1670.55	4/16/2018	1721.92
					3/30/2015	1726.88
					6/17/2015	1726.88
					6/29/2015	1726.57
					9/18/2015	1726.44
					10/12/2015	1726.57
EWxMCF-10	830263.00	26719707.00	xMCf	1690.09	3/4/2016	1726.36
					4/16/2018	1726.66
					3/30/2015	1727.71
					6/18/2015	1727.71
					6/29/2015	1727.62
					9/18/2015	1727.43
EWxMCF-11	830382.79	26719631.06	xMCf	1693.25	10/12/2015	1727.46
					3/4/2016	1727.14
					4/16/2018	1727.43
					3/30/2015	1730.81
					6/19/2015	1730.81
					6/29/2015	1730.68
EWxMCF-13	830632.00	26719475.00	xMCf	1689.88	9/18/2015	1730.40
					10/12/2015	1730.36
					3/4/2016	1730.05
					4/16/2018	1729.95
					3/30/2015	1732.22
					6/21/2015	1732.22
EWxMCF-13	830632.00	26719475.00	xMCf	1689.88	6/29/2015	1732.25
					9/18/2015	1731.79
					10/12/2015	1731.99
					3/4/2016	1731.39
					3/4/2016	1731.39

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
EWxMCF-13	830632.00	26719475.00	xMCf	1689.88	4/16/2018	1731.17
F3-27	819578.43	26718923.53	UMCf	1763.20	4/16/2014	1783.56
					4/27/2015	1783.20
					4/20/2016	1783.30
					5/4/2017	1783.51
					4/11/2018	1783.17
F3-90	819568.07	26718923.73	UMCf	1700.30	5/1/2014	1794.50
					4/27/2015	1792.80
					4/18/2016	1792.40
					5/4/2017	1792.81
					4/11/2018	1792.01
FX-25	820249.00	26721316.00	Qal/xMCf/UMCf	1722.30	4/23/2014	1727.55
					5/12/2015	1727.10
					4/18/2016	1727.80
					4/24/2017	1727.66
					4/17/2018	1727.57
FX-180	820259.00	26721316.00	UMCf	1567.70	4/24/2017	1757.70
					4/17/2018	1757.70
FX-415	820271.00	26721314.00	UMCf	1333.00	4/24/2017	1758.00
					4/17/2018	1758.00
H-10A	825185.53	26722638.83	Qal/xMCf	1670.70	4/13/2015	1672.69
					10/5/2015	1672.56
					4/4/2016	1672.51
					10/4/2016	1672.61
					4/4/2017	1672.75
					10/5/2017	1673.04
					4/3/2018	1672.87
5/23/2018	1673.02					
H-11	826574.18	26714839.94	Qal/UMCf	1768.95	5/14/2014	1799.92
					6/6/2014	1799.93
					4/14/2015	1800.20
					4/5/2016	1800.08
					5/18/2016	1804.96
H-18A	824126.38	26721612.61	Qal	1689.52	4/13/2015	1697.78
					10/5/2015	1697.36
					4/4/2016	1697.34
					10/4/2016	1697.77
					4/3/2017	1698.40
					10/4/2017	1698.84
					4/3/2018	1698.55
5/22/2018	1698.46					
H-19	824407.06	26721202.71	Qal/UMCf	1687.29	4/13/2015	1699.38
					10/5/2015	1698.99

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
H-19	824407.06	26721202.71	Qal/UMCf	1687.29	4/5/2016	1698.97
					10/4/2016	1698.99
					4/4/2017	1699.33
					10/6/2017	1700.02
					4/3/2018	1700.27
					5/23/2018	1700.26
H-21R	824914.54	26721148.51	Qal	1692.14	4/13/2015	1698.70
					10/5/2015	1698.43
					4/5/2016	1698.52
					10/4/2016	1698.67
					4/4/2017	1699.19
					10/6/2017	1699.77
					4/3/2018	1699.44
					5/23/2018	1699.42
H-28A	825871.29	26721021.64	Qal	1694.24	5/9/2014	1693.28
					8/13/2014	1692.51
					3/12/2015	1694.04
					4/13/2015	1693.65
					5/28/2015	1692.47
					8/7/2015	1692.46
					10/5/2015	1693.49
					4/5/2016	1693.56
					5/27/2016	1692.47
					8/11/2016	1692.45
					10/4/2016	1693.63
					4/4/2017	1694.14
					5/2/2017	1694.39
					8/16/2017	1694.71
					10/6/2017	1694.70
4/3/2018	1694.48					
5/14/2018	1694.49					
5/23/2018	1694.52					
8/16/2018	1694.48					
H-48	825658.20	26723952.93	NA	1643.98	5/8/2014	1661.25
					5/11/2016	1659.17
					5/1/2017	1660.66
					10/26/2017	1658.20
H-49A	826110.29	26723485.40	Qal	1647.64	6/30/2015	1660.71
					10/5/2015	1660.26
					4/4/2016	1659.89
					10/4/2016	1659.98
					4/4/2017	1660.32
10/5/2017	1660.83					

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
H-49A	826110.29	26723485.40	Qal	1647.64	10/26/2017	1660.82
H-49R	826517.55	26723484.52	Qal	1657.04	10/25/2017	1659.45
H-55	823645.49	26720010.20	Qal	1714.56	6/6/2014	1710.90
					4/14/2015	1710.83
					4/5/2016	1710.84
					4/5/2017	1711.37
					4/4/2018	1710.55
H-56A	825665.28	26723934.55	Qal	1638.68	10/26/2017	1660.03
H-56R	825845.28	26724009.15	Qal	1644.98	10/26/2017	1659.46
					5/7/2018	1659.80
H-57	825486.09	26721520.52	Qal	1680.73	4/13/2015	1685.90
					10/5/2015	1685.44
					4/4/2016	1685.46
					4/3/2017	1685.99
					10/4/2017	1686.46
					4/3/2018	1686.16
5/22/2018	1686.73					
H-58A	825642.54	26723331.95	Qal	1644.04	5/8/2014	1664.49
					5/26/2015	1663.39
					6/30/2015	1663.09
					10/5/2015	1662.67
					4/4/2016	1662.32
					5/11/2016	1662.52
					10/4/2016	1662.44
					4/4/2017	1662.76
					5/1/2017	1662.85
					10/5/2017	1663.35
10/26/2017	1663.23					
H-58R	825282.32	26723131.96	Qal/UMCf	1664.82	10/27/2017	1665.84
					5/7/2018	1665.87
HMW-13	827711.60	26731739.56	Qal	1575.17	5/7/2014	1578.50
					1/20/2015	1577.99
					5/7/2015	1578.47
					5/19/2016	1580.77
					5/7/2018	1578.79
HMW-14	827173.59	26731535.56	Qal	1574.80	5/7/2014	1580.21
					5/6/2015	1580.35
					5/19/2016	1581.64
					6/13/2017	1580.85
					5/7/2018	1581.43
HMW-15	827608.51	26729900.79	Qal/UMCf	1594.24	5/7/2014	1600.68
					1/20/2015	1598.92
					5/6/2015	1600.53

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
HMW-15	827608.51	26729900.79	Qal/UMCf	1594.24	5/19/2016	1601.84
					5/1/2017	1600.02
					5/7/2018	1600.41
HMW-16	827090.14	26728531.10	Qal	1606.48	5/7/2014	1612.68
					5/20/2015	1612.54
					5/6/2016	1613.02
					5/1/2017	1611.95
					5/7/2018	1611.84
HMWWT1	836377.27	26724079.77	UMCf	1671.16	3/28/2018	1680.01
J2D1-R2	829885.78	26719274.00	Qal	1739.20	4/7/2014	1734.38
					10/6/2014	1735.52
					3/1/2015	1731.90
					3/2/2015	1730.72
					3/3/2015	1730.68
					3/30/2015	1732.40
					4/13/2015	1732.40
					6/1/2015	1731.54
					6/2/2015	1730.68
					6/3/2015	1730.27
					6/29/2015	1732.01
					9/1/2015	1730.87
					9/2/2015	1730.48
					9/3/2015	1728.98
					9/18/2015	1731.77
					10/12/2015	1731.73
					12/1/2015	1730.71
12/2/2015	1730.58					
12/3/2015	1730.77					
4/11/2016	1733.97					
4/16/2018	1734.16					
J2D2-R2	830098.48	26719406.73	Qal	1733.70	4/7/2014	1732.44
					10/6/2014	1733.49
					3/1/2015	1729.05
					3/2/2015	1728.15
					3/3/2015	1727.90
					3/30/2015	1730.40
					4/14/2015	1730.40
					6/1/2015	1729.05
					6/2/2015	1727.87
					6/3/2015	1727.29
					6/29/2015	1730.14
9/1/2015	1728.28					
9/2/2015	1727.50					

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
J2D2-R2	830098.48	26719406.73	Qal	1733.70	9/3/2015	1726.83
					9/18/2015	1729.94
					10/12/2015	1729.93
					12/1/2015	1728.15
					12/2/2015	1727.75
					12/3/2015	1726.69
					3/4/2016	1729.58
					4/11/2016	1732.52
J2D3-R	830027.40	26719370.90	Qal	1742.90	4/16/2018	1732.60
					3/1/2015	1735.23
					3/2/2015	1733.02
					3/3/2015	1732.76
					6/1/2015	1734.78
					6/2/2015	1733.58
					6/3/2015	1732.90
					6/29/2015	1734.73
					9/1/2015	1733.85
					9/3/2015	1732.39
					9/18/2015	1734.50
					10/12/2015	1734.47
J2D4	829582.57	26719171.05	Qal	1741.30	12/1/2015	1733.83
					12/3/2015	1732.58
					4/7/2014	1736.97
					10/6/2014	1737.34
					3/1/2015	1737.35
					3/2/2015	1737.16
					3/3/2015	1736.55
					3/30/2015	1737.01
					4/12/2015	1737.01
					6/1/2015	1737.19
					6/2/2015	1737.06
					6/3/2015	1736.49
					6/29/2015	1736.61
					9/1/2015	1736.78
					9/2/2015	1736.76
					9/3/2015	1736.37
9/18/2015	1736.41					
10/12/2015	1736.39					
12/1/2015	1736.75					
12/2/2015	1736.66					
12/3/2015	1741.28					
4/11/2016	1736.05					
4/16/2018	1736.65					

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
J2U1	830498.14	26718499.09	Qal	1754.30	4/7/2014	1749.17
					10/6/2014	1749.13
					3/1/2015	1749.19
					3/2/2015	1749.21
					3/3/2015	1748.79
					3/30/2015	1749.09
					4/9/2015	1749.09
					6/1/2015	1749.24
					6/2/2015	1750.23
					6/3/2015	1748.79
					6/29/2015	1749.09
					9/1/2015	1749.22
					9/3/2015	1748.79
					9/18/2015	1749.07
					10/12/2015	1749.12
					12/1/2015	1749.21
12/3/2015	1748.79					
3/4/2016	1749.03					
4/11/2016	1749.15					
J2U2	830063.17	26718456.02	Qal	1747.50	4/7/2014	1753.27
					10/6/2014	1752.64
					3/1/2015	1754.34
					3/2/2015	1753.85
					3/3/2015	1755.68
					3/30/2015	1752.16
					4/8/2015	1752.16
					6/1/2015	1754.17
					6/2/2015	1755.69
					6/3/2015	1755.35
					6/29/2015	1752.07
					9/1/2015	1754.09
					9/2/2015	1755.97
					9/3/2015	1755.00
					9/18/2015	1751.94
					10/12/2015	1751.95
12/1/2015	1753.87					
12/2/2015	1755.95					
12/3/2015	1753.91					
3/4/2016	1751.63					
4/11/2016	1751.60					
4/16/2018	1752.03					
JX-11	825170.27	26725018.41	Qal	1650.82	4/15/2014	1657.11
					4/23/2015	1656.13

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
JX-11	825170.27	26725018.41	Qal	1650.82	4/18/2016	1655.23
					4/10/2017	1655.63
					5/9/2018	1656.46
JX-86	825186.08	26725018.66	UMCf	1573.21	4/15/2014	1655.24
					4/23/2015	1654.47
					4/12/2016	1653.52
					4/10/2017	1653.90
					5/9/2018	1654.69
KX-18	823949.00	26726751.40	Qal/xMCf	1629.40	4/17/2014	1634.61
					4/21/2015	1633.90
					4/12/2016	1633.40
					4/10/2017	1634.30
					5/10/2018	1634.44
KY-23	824268.80	26727268.40	Qal/xMCf	1620.60	4/17/2014	1625.36
					4/21/2015	1624.80
					4/12/2016	1623.85
					4/10/2017	1625.60
					5/14/2018	1625.63
LX-55	813729.00	26717307.00	Qal	1831.90	5/1/2014	1867.18
					5/13/2015	1865.00
					4/20/2016	1866.35
					5/4/2017	1863.61
					4/16/2018	1861.87
LX-150	813720.00	26717306.00	UMCf	1736.50	5/1/2014	1866.75
					5/13/2015	1867.30
					4/12/2016	1867.50
					5/4/2017	1865.20
					4/16/2018	1863.61
M-2A	827984.27	26718769.87	Qal	1739.07	5/13/2014	1739.69
					2/4/2015	1739.13
					5/29/2015	1738.94
					5/24/2016	1742.94
					5/1/2017	1740.86
					5/7/2018	1740.19
M-5A	826178.84	26719961.19	UMCf	1704.26	5/12/2014	1714.04
					8/12/2014	1714.19
					2/5/2015	1713.30
					5/22/2015	1713.68
					8/5/2015	1713.67
					5/27/2016	1713.92
					8/10/2016	1713.58
					5/1/2017	1715.23
8/14/2017	1715.27					

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
M-5A	826178.84	26719961.19	UMCf	1704.26	5/7/2018	1714.12
					8/7/2018	1713.95
M-5D	826166.57	26720001.76	UMCf	1679.95	10/20/2017	1714.09
M-6A	825984.28	26721013.81	Qal/xMCf/UMCf	1697.09	5/9/2014	1694.37
					8/13/2014	1694.24
					1/22/2015	1693.17
					5/28/2015	1694.17
					8/10/2015	1693.90
					10/5/2015	1692.94
					4/5/2016	1694.13
					5/27/2016	1693.04
					8/11/2016	1693.17
					10/5/2016	1693.98
					4/4/2017	1694.67
					5/2/2017	1695.03
					8/14/2017	1695.24
					10/6/2017	1695.19
					4/3/2018	1694.23
M-7B	826105.95	26720979.77	Qal/xMCf/UMCf	1692.64	5/7/2018	1695.03
					5/23/2018	1694.93
					8/7/2018	1695.08
					5/12/2014	1696.64
					8/12/2014	1696.49
					2/5/2015	1696.63
					5/22/2015	1695.97
					8/5/2015	1700.61
					10/5/2015	1696.31
					4/5/2016	1696.40
					5/31/2016	1696.44
					8/11/2016	1696.52
					10/5/2016	1696.87
					4/4/2017	1696.92
					5/2/2017	1697.10
8/14/2017	1697.53					
10/6/2017	1697.45					
4/3/2018	1697.34					
5/7/2018	1697.29					
5/23/2018	1697.15					
8/7/2018	1697.22					
M-10	828536.01	26716636.94	Qal/xMCf/UMCf	1780.94	1/7/2014	1788.18
					2/4/2014	1787.69
					3/14/2014	1787.19
					4/18/2014	1786.77

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
M-10	828536.01	26716636.94	Qal/xMCf/UMCf	1780.94	5/15/2014	1786.50
					6/19/2014	1786.50
					7/7/2014	1786.62
					8/15/2014	1786.27
					9/17/2014	1785.93
					10/21/2014	1785.64
					11/21/2014	1785.45
					12/8/2014	1785.27
					1/21/2015	1785.12
					2/3/2015	1784.94
					3/11/2015	1783.97
					3/26/2015	1784.84
					4/23/2015	1784.77
					5/5/2015	1784.87
					6/3/2015	1784.68
					6/16/2015	1784.63
					7/7/2015	1784.55
					8/6/2015	1784.34
					9/9/2015	1784.61
					10/9/2015	1782.98
					11/9/2015	1783.93
					12/22/2015	1782.97
					1/15/2016	1783.01
					2/17/2016	1782.81
					3/15/2016	1782.59
					4/13/2016	1782.61
					5/26/2016	1783.88
					6/7/2016	1782.08
					7/21/2016	1782.09
					8/9/2016	1784.72
9/20/2016	1784.07					
10/4/2016	1786.33					
11/8/2016	1786.48					
2/6/2017	1784.76					
5/1/2017	1783.84					
8/14/2017	1784.19					
11/6/2017	1783.72					
2/14/2018	1783.62					
5/7/2018	1782.20					
8/6/2018	1781.76					
11/5/2018	1781.46					
M-11	828616.62	26717608.73	Qal/xMCf/UMCf	1770.70	1/10/2014	1772.95
					2/4/2014	1772.94

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
M-11	828616.62	26717608.73	Qal/xMCf/UMCf	1770.70	3/14/2014	1772.64
					4/18/2014	1772.32
					5/15/2014	1772.14
					6/19/2014	1771.99
					7/3/2014	1771.97
					8/15/2014	1771.88
					9/17/2014	1771.71
					10/21/2014	1771.58
					11/21/2014	1771.44
					12/18/2014	1771.32
					1/22/2015	1771.19
					1/30/2015	1771.19
					2/26/2015	1771.19
					3/26/2015	1771.05
					4/24/2015	1771.01
					6/5/2015	1770.89
					6/16/2015	1770.89
					7/8/2015	1770.83
					8/6/2015	1770.87
					9/9/2015	1769.66
					10/9/2015	1770.71
					11/9/2015	1770.56
					12/22/2015	1770.75
					1/15/2016	1770.75
					2/17/2016	1770.74
					3/15/2016	1770.62
					4/13/2016	1770.60
					5/26/2016	1771.08
					6/15/2016	1770.63
					7/21/2016	1770.66
8/9/2016	1771.96					
9/20/2016	1770.96					
10/4/2016	1772.12					
11/8/2016	1772.10					
2/6/2017	1772.12					
5/1/2017	1771.88					
8/14/2017	1771.45					
10/18/2017	1771.34					
11/6/2017	1771.32					
2/14/2018	1771.47					
5/7/2018	1771.10					
8/6/2018	1770.74					
11/5/2018	1770.48					

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
M-12A	828178.35	26717575.57	UMCf	1767.87	2/7/2014	1771.19
					5/14/2014	1770.60
					8/14/2014	1770.40
					12/18/2014	1769.94
					1/20/2015	1769.91
					2/26/2015	1769.86
					6/5/2015	1769.78
					8/6/2015	1769.75
					11/9/2015	1769.52
					2/18/2016	1770.23
					5/26/2016	1770.07
					8/9/2016	1770.68
					11/22/2016	1771.24
					2/6/2017	1771.40
					5/1/2017	1771.50
					8/29/2017	1770.98
11/6/2017	1770.99					
2/15/2018	1771.22					
5/7/2018	1770.80					
8/6/2018	1770.04					
11/5/2018	1769.70					
M-13	827805.72	26717477.79	UMCf	1774.99	5/15/2014	1769.45
					2/2/2015	1769.14
					6/5/2015	1769.27
					5/26/2016	1769.58
					5/1/2017	1771.02
					10/18/2017	1770.36
5/7/2018	1769.82					
M-14A	827045.20	26719382.55	UMCf	1728.50	1/9/2014	1729.11
					2/7/2014	1728.92
					3/14/2014	1728.75
					4/15/2014	1729.12
					5/12/2014	1729.14
					6/18/2014	1728.99
					7/3/2014	1728.71
					8/12/2014	1728.44
					9/17/2014	1728.35
					10/21/2014	1728.32
					11/19/2014	1728.20
					12/8/2014	1728.15
					1/20/2015	1728.11
1/29/2015	1727.93					
2/25/2015	1728.14					

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
M-14A	827045.20	26719382.55	UMCf	1728.50	3/24/2015	1728.11
					4/23/2015	1728.09
					5/22/2015	1727.99
					6/16/2015	1727.91
					7/8/2015	1727.83
					8/5/2015	1728.06
					9/21/2015	1728.38
					10/20/2015	1728.32
					11/9/2015	1728.05
					12/16/2015	1728.63
					1/25/2016	1728.65
					2/17/2016	1728.50
					3/11/2016	1728.63
					4/8/2016	1728.65
					5/23/2016	1728.77
					6/16/2016	1728.73
					7/18/2016	1728.75
					8/10/2016	1728.62
					9/20/2016	1728.72
					10/4/2016	1728.72
11/8/2016	1728.80					
2/6/2017	1730.50					
5/1/2017	1730.99					
8/14/2017	1730.05					
11/6/2017	1729.25					
2/15/2018	1729.00					
5/7/2018	1728.11					
8/6/2018	1727.81					
11/5/2018	1727.95					
M-14D	827043.47	26719391.63	UMCf	1683.39	10/18/2017	1729.04
M-19	828845.96	26719350.00	UMCf	1740.01	1/10/2014	1732.43
					2/7/2014	1732.38
					3/14/2014	1732.28
					4/18/2014	1732.16
					5/13/2014	1732.04
					6/19/2014	1732.03
					7/3/2014	1732.07
					8/14/2014	1732.23
					9/17/2014	1732.31
					10/21/2014	1732.24
					11/20/2014	1732.19
					12/18/2014	1732.18
1/21/2015	1731.95					

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
M-19	828845.96	26719350.00	UMCf	1740.01	2/4/2015	1731.86
					2/26/2015	1731.75
					3/25/2015	1731.65
					4/24/2015	1731.50
					5/29/2015	1731.41
					6/16/2015	1731.85
					7/8/2015	1731.44
					8/6/2015	1731.23
					9/9/2015	1730.72
					10/9/2015	1731.05
					11/6/2015	1731.05
					12/22/2015	1730.91
					1/15/2016	1731.78
					2/18/2016	1730.88
					3/15/2016	1731.07
					4/13/2016	1731.90
					5/24/2016	1731.39
					6/15/2016	1732.26
					6/16/2016	1731.37
					7/1/2016	1732.29
8/9/2016	1731.57					
9/20/2016	1732.10					
10/4/2016	1731.57					
11/8/2016	1731.59					
2/6/2017	1730.95					
5/1/2017	1732.02					
8/14/2017	1732.15					
11/6/2017	1731.84					
2/14/2018	1732.10					
5/7/2018	1732.73					
8/6/2018	1731.81					
11/5/2018	1731.66					
M-21	827792.73	26718359.25	UMCf	1762.59	5/14/2014	1751.30
					5/7/2018	1754.73
M-21D	827818.90	26718312.55	UMCf	1740.39	11/1/2017	1752.49
M-22A	828269.84	26719531.96	Qal/xMCf/UMCf	1732.97	1/9/2014	1729.99
					2/7/2014	1729.84
					3/14/2014	1729.75
					4/18/2014	1729.54
					5/12/2014	1729.38
					6/18/2014	1729.33
					7/2/2014	1729.39
8/12/2014	1729.50					

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
M-22A	828269.84	26719531.96	Qal/xMCf/UMCf	1732.97	9/17/2014	1729.55
					10/21/2014	1729.54
					11/19/2014	1729.53
					12/8/2014	1729.47
					1/20/2015	1729.00
					2/2/2015	1728.56
					2/27/2015	1728.82
					3/24/2015	1728.70
					4/23/2015	1728.54
					5/21/2015	1728.45
					6/16/2015	1728.40
					7/10/2015	1728.33
					8/5/2015	1728.27
					9/21/2015	1728.12
					10/20/2015	1728.02
					11/9/2015	1727.82
					12/16/2015	1728.60
					1/25/2016	1728.66
					2/17/2016	1728.36
					3/11/2016	1728.38
					4/5/2016	1728.46
					5/23/2016	1729.22
					6/16/2016	1728.37
					7/25/2016	1728.39
					8/10/2016	1729.22
					9/20/2016	1728.46
10/4/2016	1728.93					
11/8/2016	1728.80					
2/6/2017	1729.47					
5/1/2017	1729.39					
8/14/2017	1729.26					
10/18/2017	1729.05					
11/6/2017	1729.12					
2/15/2018	1729.49					
5/7/2018	1729.26					
8/6/2018	1728.99					
11/5/2018	1728.79					
M-22D	828294.81	26719521.24	UMCf	1696.90	10/17/2017	1729.46
					10/20/2017	1729.33
M-23	827373.84	26721391.19	Qal	1693.87	1/7/2014	1687.16
					2/6/2014	1687.18
					3/14/2014	1686.83
					4/18/2014	1686.90

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
M-23	827373.84	26721391.19	Qal	1693.87	5/9/2014	1686.83
					6/19/2014	1686.63
					7/7/2014	1686.58
					8/13/2014	1686.48
					9/18/2014	1686.43
					10/22/2014	1686.23
					11/21/2014	1686.16
					12/5/2014	1686.07
					1/20/2015	1685.89
					2/5/2015	1685.83
					2/24/2015	1685.82
					3/26/2015	1685.76
					4/15/2015	1685.67
					5/27/2015	1685.49
					6/17/2015	1685.48
					7/7/2015	1685.40
					8/4/2015	1685.51
					9/10/2015	1685.31
					10/7/2015	1685.32
					11/4/2015	1685.17
					12/15/2015	1685.38
					1/26/2016	1685.24
					2/16/2016	1685.08
					3/15/2016	1685.07
					4/12/2016	1685.18
					5/12/2016	1685.26
					6/14/2016	1685.25
					7/25/2016	1685.27
8/10/2016	1685.27					
9/20/2016	1685.28					
10/11/2016	1685.47					
11/8/2016	1685.31					
5/2/2017	1685.45					
11/6/2017	1685.83					
5/7/2018	1685.22					
11/5/2018	1684.76					
M-25	827677.53	26719504.15	Qal/xMCf/UMCf	1725.36	1/9/2014	1729.29
					2/7/2014	1728.92
					3/14/2014	1728.45
					4/15/2014	1728.09
					5/12/2014	1727.86
					6/18/2014	1727.17
7/3/2014	1727.06					

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
M-25	827677.53	26719504.15	Qal/xMCf/UMCf	1725.36	8/12/2014	1726.62
					9/17/2014	1726.55
					10/21/2014	1726.50
					11/19/2014	1726.42
					12/8/2014	1726.43
					1/20/2015	1726.34
					2/3/2015	1726.03
					2/27/2015	1726.39
					3/24/2015	1726.37
					4/23/2015	1726.27
					5/22/2015	1726.14
					6/16/2015	1726.17
					7/10/2015	1726.17
					8/5/2015	1726.15
					9/19/2015	1724.92
					10/20/2015	1725.15
					11/5/2015	1726.12
					12/16/2015	1727.08
					1/25/2016	1727.19
					2/16/2016	1726.97
					3/11/2016	1727.23
					4/5/2016	1727.25
					5/23/2016	1727.19
					6/16/2016	1727.21
					7/18/2016	1727.23
					8/10/2016	1727.23
					9/20/2016	1727.23
					10/4/2016	1726.80
11/8/2016	1726.89					
2/6/2017	1728.03					
5/1/2017	1727.66					
8/14/2017	1727.16					
10/18/2017	1726.78					
11/6/2017	1726.81					
2/15/2018	1727.17					
5/7/2018	1725.39					
8/6/2018	1726.31					
11/5/2018	1726.33					
M-31A	828368.02	26718289.89	UMCf	1752.12	1/10/2014	1753.60
					3/14/2014	1751.73
					4/18/2014	1751.02
					5/14/2014	1751.03
					6/19/2014	1751.00

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
M-31A	828368.02	26718289.89	UMCf	1752.12	7/3/2014	1750.93
					8/14/2014	1750.86
					9/17/2014	1750.80
					10/21/2014	1750.73
					11/21/2014	1750.60
					12/9/2014	1750.54
					1/21/2015	1750.29
					1/28/2015	1750.22
					2/26/2015	1750.39
					3/25/2015	1750.03
					4/24/2015	1749.99
					6/2/2015	1749.96
					6/16/2015	1749.45
					7/8/2015	1749.72
					8/7/2015	1749.84
					9/9/2015	1749.80
					10/9/2015	1749.73
					11/6/2015	1749.63
					12/22/2015	1749.92
					1/15/2016	1749.97
					2/18/2016	1749.97
					3/16/2016	1763.53
					4/13/2016	1750.05
5/26/2016	1750.33					
6/15/2016	1749.96					
7/21/2016	1749.96					
8/9/2016	1750.87					
9/20/2016	1749.98					
10/4/2016	1751.17					
11/8/2016	1751.81					
5/1/2017	1753.05					
11/6/2017	1752.75					
5/7/2018	1752.36					
11/5/2018	1752.72					
M-32	828592.45	26718354.04	UMCf	1754.10	5/5/2015	1749.78
					7/14/2015	1749.41
					8/7/2015	1749.18
					5/25/2016	1750.25
					5/1/2017	1752.72
5/7/2018	1752.10					
M-33	828783.71	26718383.18	UMCf	1754.30	5/5/2015	1749.72
					7/14/2015	1749.40
					5/25/2016	1750.15

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
M-33	828783.71	26718383.18	UMCf	1754.30	5/1/2017	1752.14
					5/17/2018	1751.63
M-35	828509.10	26718840.20	UMCf	1740.86	1/10/2014	1741.15
					2/7/2014	1741.32
					3/14/2014	1741.03
					4/18/2014	1740.69
					5/13/2014	1740.57
					6/19/2014	1740.45
					7/3/2014	1740.45
					8/14/2014	1740.44
					9/17/2014	1740.47
					10/21/2014	1740.40
					11/20/2014	1740.35
					12/18/2014	1740.27
					1/21/2015	1740.09
					1/29/2015	1740.02
					2/26/2015	1739.86
					3/25/2015	1739.71
					4/24/2015	1739.65
					5/29/2015	1739.49
					6/6/2015	1739.49
					7/8/2015	1739.41
					8/7/2015	1739.34
					9/10/2015	1739.16
					10/9/2015	1739.11
					11/6/2015	1738.90
					12/22/2015	1738.96
					1/15/2016	1738.98
					2/18/2016	1739.20
					3/15/2016	1739.02
4/13/2016	1739.48					
5/24/2016	1739.91					
6/15/2016	1738.98					
7/21/2016	1738.94					
8/9/2016	1740.18					
9/19/2016	1739.72					
10/4/2016	1740.31					
11/8/2016	1740.35					
5/1/2017	1741.00					
11/6/2017	1740.86					
5/7/2018	1740.91					
11/5/2018	1740.40					
M-36D	828052.50	26719581.91	UMCf	1696.41	10/18/2017	1726.56

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
M-37	827414.06	26719422.28	UMCf	1730.48	1/9/2014	1730.71
					2/7/2014	1730.54
					3/14/2014	1730.33
					4/15/2014	1730.19
					5/12/2014	1730.13
					6/18/2014	1729.73
					7/3/2014	1729.59
					8/12/2014	1729.37
					9/17/2014	1729.35
					10/21/2014	1729.27
					11/19/2014	1729.25
					12/5/2014	1729.19
					1/20/2015	1729.15
					1/29/2015	1728.86
					2/27/2015	1729.18
					3/24/2015	1729.27
					4/23/2015	1729.17
					5/22/2015	1729.03
					6/16/2015	1728.87
					7/8/2015	1728.96
					8/10/2015	1729.03
					9/17/2015	1730.02
					10/20/2015	1728.98
					11/5/2015	1729.61
					12/16/2015	1730.75
					1/25/2016	1729.73
					2/16/2016	1730.23
					3/11/2016	1730.26
					4/8/2016	1730.25
					5/23/2016	1731.03
6/16/2016	1730.95					
7/25/2016	1730.97					
8/10/2016	1730.83					
9/19/2016	1730.86					
10/4/2016	1730.95					
11/8/2016	1731.99					
2/6/2017	1731.54					
5/1/2017	1731.36					
8/14/2017	1730.30					
10/18/2017	1728.75					
11/6/2017	1729.09					
2/15/2018	1728.84					
5/7/2018	1725.74					

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
M-37	827414.06	26719422.28	UMCf	1730.48	8/6/2018	1726.19
					11/5/2018	1726.53
M-38	827877.68	26719523.89	UMCf	1730.94	1/9/2014	1729.59
					2/7/2014	1729.41
					3/14/2014	1729.22
					4/18/2014	1729.00
					5/12/2014	1728.89
					6/18/2014	1728.68
					7/2/2014	1728.60
					8/12/2014	1728.54
					9/17/2014	1728.49
					10/21/2014	1728.52
					11/19/2014	1728.50
					12/8/2014	1728.41
					1/20/2015	1728.36
					2/5/2015	1728.33
					2/27/2015	1728.37
					3/24/2015	1728.32
					4/23/2015	1728.25
					5/7/2015	1728.17
					5/21/2015	1728.11
					6/16/2015	1728.16
					7/10/2015	1728.14
					8/6/2015	1728.12
					9/21/2015	1728.17
					10/20/2015	1727.98
					11/9/2015	1728.11
					12/16/2015	1728.43
					1/25/2016	1728.41
					2/17/2016	1728.81
3/11/2016	1728.73					
4/5/2016	1728.69					
5/23/2016	1729.09					
6/16/2016	1729.23					
7/25/2016	1729.25					
8/10/2016	1728.60					
9/19/2016	1728.64					
10/4/2016	1728.49					
11/8/2016	1728.44					
2/6/2017	1729.20					
5/1/2017	1728.84					
8/14/2017	1728.72					
11/6/2017	1728.64					

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
M-38	827877.68	26719523.89	UMCf	1730.94	2/15/2018	1728.87
					5/7/2018	1728.52
					8/6/2018	1728.49
					11/5/2018	1728.43
M-44	827005.56	26722699.07	Qal/xMCf/UMCf	1675.63	1/7/2014	1674.52
					2/5/2014	1674.43
					3/14/2014	1674.35
					4/18/2014	1674.33
					5/8/2014	1674.18
					6/19/2014	1674.13
					7/7/2014	1674.07
					8/13/2014	1673.94
					9/18/2014	1673.92
					10/22/2014	1673.82
					11/21/2014	1673.73
					12/4/2014	1673.63
					1/20/2015	1673.49
					2/24/2015	1673.25
					3/26/2015	1673.22
					4/15/2015	1673.19
					5/26/2015	1672.97
					6/17/2015	1673.02
					7/7/2015	1672.91
					8/10/2015	1672.95
					9/10/2015	1672.64
					10/7/2015	1672.74
					11/3/2015	1672.62
					12/15/2015	1672.64
					1/26/2016	1672.44
					2/15/2016	1672.45
					3/15/2016	1672.48
					4/12/2016	1672.37
5/11/2016	1672.29					
6/14/2016	1672.41					
7/25/2016	1672.38					
8/8/2016	1682.59					
9/27/2016	1672.31					
10/11/2016	1672.31					
11/8/2016	1672.17					
2/6/2017	1672.27					
5/1/2017	1672.22					
8/14/2017	1672.50					
10/27/2017	1669.62					

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
M-44	827005.56	26722699.07	Qal/xMCf/UMCf	1675.63	11/6/2017	1672.64
					2/14/2018	1672.38
					5/7/2018	1672.20
					8/7/2018	1672.10
					11/5/2018	1672.03
M-48A	828292.90	26721338.13	Qal/UMCf	1688.93	1/7/2014	1688.78
					2/5/2014	1688.69
					3/14/2014	1688.55
					4/18/2014	1688.40
					5/8/2014	1688.34
					6/19/2014	1688.22
					7/7/2014	1688.18
					8/13/2014	1688.19
					9/18/2014	1688.16
					10/22/2014	1688.12
					11/21/2014	1688.10
					12/4/2014	1688.04
					1/20/2015	1687.94
					2/24/2015	1687.86
					3/26/2015	1687.78
					4/15/2015	1687.54
					5/26/2015	1687.64
					6/17/2015	1687.67
					7/7/2015	1688.21
					8/4/2015	1688.88
					9/10/2015	1689.08
					10/7/2015	1689.16
					11/3/2015	1688.99
					12/15/2015	1688.83
					1/26/2016	1688.05
					2/15/2016	1687.79
3/15/2016	1688.34					
4/12/2016	1687.51					
5/12/2016	1687.62					
6/14/2016	1687.72					
7/25/2016	1687.70					
8/8/2016	1687.85					
9/19/2016	1687.73					
10/11/2016	1687.98					
11/8/2016	1687.81					
5/1/2017	1687.57					
11/6/2017	1688.50					
5/7/2018	1688.01					

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
M-48A	828292.90	26721338.13	Qal/UMCf	1688.93	11/5/2018	1688.05
M-52	828394.11	26717985.41	UMCf	1759.80	2/7/2014	1761.90
					5/14/2014	1761.25
					8/14/2014	1761.07
					12/9/2014	1760.66
					1/30/2015	1760.44
					2/26/2015	1760.33
					6/2/2015	1760.24
					8/6/2015	1760.20
					11/6/2015	1759.95
					2/18/2016	1760.16
					5/25/2016	1757.04
					8/9/2016	1761.09
					11/8/2016	1761.60
					5/1/2017	1762.08
11/6/2017	1761.64					
5/7/2018	1761.38					
11/5/2018	1760.78					
M-55	827682.57	26719819.98	Qal/xMCf/UMCf	1719.66	1/9/2014	1726.12
					2/3/2014	1725.81
					3/14/2014	1725.27
					4/15/2014	1724.89
					5/5/2014	1724.71
					6/17/2014	1723.17
					7/3/2014	1722.27
					8/8/2014	1721.22
					9/17/2014	1721.09
					10/21/2014	1721.04
					11/19/2014	1721.04
					12/2/2014	1721.33
					1/20/2015	1721.15
					2/5/2015	1720.85
					2/16/2015	1721.36
					3/24/2015	1721.42
					4/23/2015	1721.05
					5/4/2015	1720.96
6/16/2015	1720.77					
7/10/2015	1720.72					
8/3/2015	1720.61					
9/14/2015	1720.42					
10/21/2015	1721.15					
11/2/2015	1721.26					
12/16/2015	1723.53					

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
M-55	827682.57	26719819.98	Qal/xMCf/UMCf	1719.66	1/25/2016	1723.62
					2/19/2016	1723.24
					3/11/2016	1723.30
					4/5/2016	1723.37
					5/20/2016	1722.09
					6/16/2016	1723.34
					7/25/2016	1723.35
					8/11/2016	1723.32
					9/19/2016	1723.34
					10/4/2016	1721.54
					11/8/2016	1721.68
					2/6/2017	1723.38
					5/1/2017	1723.20
					8/14/2017	1721.98
					10/19/2017	1721.37
					11/1/2017	1721.46
11/6/2017	1721.37					
2/15/2018	1721.89					
5/7/2018	1720.98					
8/6/2018	1720.72					
11/5/2018	1720.56					
M-56	827980.00	26719859.76	Qal/xMCf/UMCf	1721.99	1/9/2014	1723.41
					2/3/2014	1723.34
					3/14/2014	1722.84
					4/15/2014	1722.65
					5/5/2014	1722.09
					6/16/2014	1721.49
					7/3/2014	1720.64
					8/8/2014	1719.64
					9/17/2014	1719.34
					10/21/2014	1719.28
					11/19/2014	1719.20
					12/2/2014	1719.20
					1/20/2015	1719.06
					2/16/2015	1719.04
					3/24/2015	1718.90
					4/23/2015	1718.91
5/4/2015	1718.81					
6/16/2015	1718.75					
7/10/2015	1718.61					
8/3/2015	1718.66					
9/14/2015	1718.34					
10/20/2015	1719.08					

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
M-56	827980.00	26719859.76	Qal/xMCf/UMCf	1721.99	11/2/2015	1719.21
					12/16/2015	1720.89
					1/25/2016	1720.83
					2/19/2016	1721.24
					3/11/2016	1720.94
					4/5/2016	1721.39
					5/2/2016	1721.33
					6/16/2016	1721.43
					7/25/2016	1721.41
					8/11/2016	1720.91
					9/21/2016	1720.94
					10/4/2016	1719.32
					11/8/2016	1719.23
					2/8/2017	1720.46
					5/1/2017	1720.77
					8/14/2017	1720.94
					11/6/2017	1720.27
					11/8/2017	1720.35
2/15/2018	1720.60					
5/7/2018	1720.10					
8/6/2018	1719.29					
11/5/2018	1718.88					
M-57A	826992.99	26719716.67	UMCf	1721.36	1/7/2014	1724.43
					2/7/2014	1724.33
					3/14/2014	1724.21
					4/15/2014	1724.23
					5/12/2014	1724.33
					6/6/2014	1724.17
					6/17/2014	1724.21
					7/3/2014	1724.10
					8/12/2014	1723.91
					9/17/2014	1723.81
					10/21/2014	1723.80
					11/19/2014	1723.72
					12/5/2014	1723.66
					1/20/2015	1723.63
					2/6/2015	1723.39
					2/25/2015	1723.57
					3/24/2015	1723.65
					4/23/2015	1723.57
5/8/2015	1723.55					
6/16/2015	1723.52					
7/8/2015	1723.32					

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
M-57A	826992.99	26719716.67	UMCf	1721.36	8/5/2015	1723.58
					9/18/2015	1723.75
					10/20/2015	1723.74
					11/5/2015	1723.69
					12/18/2015	1723.89
					1/25/2016	1723.99
					2/17/2016	1723.88
					3/11/2016	1723.94
					4/5/2016	1723.88
					4/6/2016	1724.12
					5/24/2016	1724.13
					6/16/2016	1724.11
					7/25/2016	1724.08
					8/10/2016	1724.14
					9/19/2016	1724.10
					10/4/2016	1724.11
					11/8/2016	1724.15
					M-58	828276.43
5/1/2017	1725.95					
11/6/2017	1724.58					
4/5/2018	1723.96					
5/7/2018	1723.71					
11/5/2018	1723.59					
1/9/2014	1722.46					
2/5/2014	1722.33					
3/14/2014	1722.23					
4/15/2014	1721.71					
5/5/2014	1721.66					
6/16/2014	1721.46					
7/2/2014	1721.61					
8/8/2014	1721.82					
9/17/2014	1721.91					
10/21/2014	1721.90					
11/19/2014	1721.90					
12/2/2014	1721.78					
1/20/2015	1721.07					
2/4/2015	1721.05					
2/16/2015	1721.02					
3/24/2015	1720.94					
4/23/2015	1721.06					
5/4/2015	1720.89					
6/16/2015	1721.03					
7/10/2015	1720.74					

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
M-58	828276.43	26719900.79	Qal/xMCf/UMCf	1718.95	8/3/2015	1720.76
					9/14/2015	1720.73
					10/20/2015	1720.75
					11/2/2015	1721.83
					12/16/2015	1721.91
					1/25/2016	1721.95
					2/19/2016	1720.85
					3/11/2016	1721.58
					4/5/2016	1721.21
					5/2/2016	1721.45
					6/16/2016	1721.25
					7/25/2016	1721.23
					8/11/2016	1722.00
					9/19/2016	1721.94
					10/4/2016	1721.60
					11/8/2016	1721.11
					2/6/2017	1721.88
					5/1/2017	1722.00
					8/14/2017	1721.44
					11/6/2017	1721.58
11/8/2017	1721.64					
2/15/2018	1722.23					
5/7/2018	1721.77					
8/6/2018	1721.25					
11/5/2018	1720.86					
M-60	828079.02	26719872.88	UMCf	1719.15	1/9/2014	1722.25
					2/5/2014	1722.18
					3/14/2014	1722.57
					4/15/2014	1722.03
					5/5/2014	1721.77
					6/16/2014	1719.51
					7/2/2014	1719.17
					8/8/2014	1718.95
					9/17/2014	1718.93
					10/21/2014	1718.89
					11/19/2014	1718.92
					12/2/2014	1721.00
					1/20/2015	1718.46
					2/16/2015	1718.40
					3/24/2015	1718.27
4/23/2015	1718.17					
5/4/2015	1718.19					
6/16/2015	1718.06					

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
M-60	828079.02	26719872.88	UMCf	1719.15	7/10/2015	1718.00
					8/3/2015	1717.97
					9/14/2015	1717.81
					10/20/2015	1720.53
					11/2/2015	1720.61
					12/16/2015	1720.85
					1/25/2016	1720.83
					2/19/2016	1720.05
					3/11/2016	1720.32
					4/5/2016	1712.91
					5/2/2016	1720.24
					6/16/2016	1720.88
					7/25/2016	1720.87
					8/11/2016	1719.65
					9/19/2016	1720.13
					10/4/2016	1718.53
					11/8/2016	1718.33
					2/6/2017	1719.04
					5/1/2017	1719.68
					8/14/2017	1719.62
11/6/2017	1719.76					
11/8/2017	1718.75					
2/15/2018	1720.84					
5/7/2018	1720.33					
8/6/2018	1718.59					
11/5/2018	1718.25					
M-64	827599.59	26719695.77	Qal/xMCf/UMCf	1727.63	1/9/2014	1724.40
					2/6/2014	1724.11
					3/14/2014	1723.67
					4/15/2014	1723.40
					5/12/2014	1723.50
					6/18/2014	1721.95
					7/2/2014	1721.17
					8/12/2014	1720.64
					9/17/2014	1720.55
					10/21/2014	1720.55
					11/19/2014	1720.73
					12/3/2014	1720.39
					1/20/2015	1721.04
					2/2/2015	1721.01
					2/25/2015	1721.26
3/24/2015	1721.70					
4/23/2015	1720.39					

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
M-64	827599.59	26719695.77	Qal/xMCf/UMCf	1727.63	5/8/2015	1720.27
					6/16/2015	1720.14
					7/10/2015	1720.07
					8/5/2015	1719.93
					9/18/2015	1720.03
					10/21/2015	1720.31
					11/5/2015	1720.57
					12/17/2015	1720.37
					1/25/2016	1719.76
					2/17/2016	1721.80
					3/11/2016	1721.77
					4/12/2016	1721.86
					5/23/2016	1721.07
					6/16/2016	1722.12
					7/25/2016	1722.14
					8/10/2016	1720.81
					9/19/2016	1721.78
					10/4/2016	1720.76
					11/8/2016	1720.99
					12/7/2016	1721.30
					1/5/2017	1724.62
					2/6/2017	1724.76
					3/7/2017	1724.92
					4/4/2017	1724.85
					5/1/2017	1724.60
					6/9/2017	1724.36
					7/5/2017	1724.17
					8/14/2017	1723.57
					9/6/2017	1723.42
					10/4/2017	1722.85
11/6/2017	1723.04					
12/8/2017	1723.03					
1/3/2018	1722.95					
2/15/2018	1723.39					
3/9/2018	1723.14					
4/3/2018	1722.92					
5/7/2018	1722.56					
6/1/2018	1722.47					
7/13/2018	1722.34					
8/6/2018	1722.36					
9/6/2018	1722.32					
10/19/2018	1722.47					
11/5/2018	1722.30					

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
M-64	827599.59	26719695.77	Qal/xMCf/UMCf	1727.63	12/6/2018	1722.26
M-65	827899.49	26719746.61	Qal/xMCf/UMCf	1725.40	1/9/2014	1726.03
					2/6/2014	1725.70
					3/14/2014	1725.13
					4/15/2014	1724.80
					5/12/2014	1724.61
					6/16/2014	1723.10
					7/2/2014	1722.04
					8/12/2014	1721.09
					9/17/2014	1720.99
					10/21/2014	1720.97
					11/19/2014	1720.95
					12/3/2014	1720.94
					1/20/2015	1720.88
					2/3/2015	1720.38
					2/25/2015	1720.78
					3/24/2015	1720.75
					4/23/2015	1721.17
					5/7/2015	1720.75
					6/16/2015	1720.58
					7/10/2015	1720.56
					8/5/2015	1720.58
					9/14/2015	1720.62
					10/20/2015	1720.64
					11/5/2015	1721.02
					12/16/2015	1723.22
					1/25/2016	1723.20
					2/16/2016	1722.66
					3/11/2016	1722.64
4/5/2016	1723.60					
5/23/2016	1722.25					
6/16/2016	1723.61					
7/25/2016	1723.63					
8/10/2016	1722.64					
9/15/2016	1722.82					
10/4/2016	1721.07					
11/8/2016	1721.14					
12/7/2016	1721.24					
1/5/2017	1721.93					
2/6/2017	1722.70					
3/7/2017	1722.92					
4/4/2017	1722.95					
5/1/2017	1722.68					

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
M-65	827899.49	26719746.61	Qal/xMCf/UMCf	1725.40	6/9/2017	1722.66
					7/5/2017	1722.34
					8/14/2017	1721.94
					9/6/2017	1721.62
					10/4/2017	1721.11
					11/6/2017	1721.37
					12/8/2017	1721.23
					1/3/2018	1721.26
					2/15/2018	1721.96
					3/9/2018	1721.78
					4/3/2018	1721.51
					5/7/2018	1720.00
					6/1/2018	1721.09
					7/13/2018	1720.94
					8/6/2018	1720.98
9/6/2018	1720.89					
10/16/2018	1720.93					
11/5/2018	1720.84					
12/6/2018	1720.79					
M-65D	827909.54	26719756.15	UMCf	1687.30	10/17/2017	1721.47
M-66	828183.35	26719787.53	Qal/xMCf/UMCf	1721.78	1/9/2014	1724.18
					2/6/2014	1724.03
					3/14/2014	1723.87
					4/15/2014	1723.66
					5/12/2014	1723.48
					6/16/2014	1723.35
					7/2/2014	1723.41
					8/12/2014	1723.50
					9/17/2014	1723.56
					10/21/2014	1723.83
					11/19/2014	1723.56
					12/2/2014	1723.47
					1/20/2015	1722.86
					2/3/2015	1722.91
					3/2/2015	1722.71
					3/24/2015	1722.61
					4/23/2015	1722.16
					5/8/2015	1722.28
6/16/2015	1722.41					
7/10/2015	1722.33					
8/5/2015	1722.24					
9/14/2015	1722.11					
10/20/2015	1722.31					

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
M-66	828183.35	26719787.53	Qal/xMCf/UMCf	1721.78	11/5/2015	1722.52
					12/16/2015	1723.32
					1/25/2016	1723.30
					2/16/2016	1722.42
					3/11/2016	1723.01
					4/5/2016	1723.07
					5/23/2016	1723.44
					6/16/2016	1723.21
					7/25/2016	1723.24
					8/10/2016	1723.74
					9/15/2016	1723.37
					10/4/2016	1722.94
					11/8/2016	1722.68
					12/7/2016	1722.74
					1/5/2017	1723.19
					2/6/2017	1723.59
					3/7/2017	1723.71
					4/4/2017	1723.76
					5/1/2017	1723.63
					6/9/2017	1723.47
					7/5/2017	1723.47
					8/14/2017	1723.30
					9/6/2017	1723.27
					10/4/2017	1723.01
					11/6/2017	1723.22
					12/8/2017	1723.16
					1/3/2018	1723.29
					2/15/2018	1723.78
3/9/2018	1723.49					
4/3/2018	1723.50					
5/7/2018	1723.01					
6/1/2018	1722.88					
7/13/2018	1722.51					
8/6/2018	1722.62					
9/6/2018	1722.41					
10/19/2018	1722.41					
11/5/2018	1722.34					
12/6/2018	1722.31					
M-66D	828165.83	26719797.14	UMCf	1686.72	10/16/2017	1722.64
M-67	828508.35	26719830.00	Qal/xMCf/UMCf	1721.25	1/10/2014	1724.25
					2/7/2014	1724.17
					3/14/2014	1724.17
					4/18/2014	1724.08

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
M-67	828508.35	26719830.00	Qal/xMCf/UMCf	1721.25	5/13/2014	1724.00
					6/19/2014	1724.63
					7/3/2014	1724.86
					8/14/2014	1725.22
					9/17/2014	1725.32
					10/21/2014	1725.33
					11/20/2014	1725.35
					12/8/2014	1725.28
					1/21/2015	1723.86
					1/29/2015	1723.89
					2/26/2015	1723.98
					3/25/2015	1723.69
					4/24/2015	1723.68
					5/29/2015	1723.57
					6/16/2015	1723.55
					7/8/2015	1722.40
					8/6/2015	1723.42
					9/9/2015	1723.20
					10/8/2015	1723.30
					11/6/2015	1723.56
					12/22/2015	1723.74
					1/15/2016	1723.93
					2/19/2016	1723.25
					3/15/2016	1723.66
					4/13/2016	1723.51
					5/24/2016	1723.87
					6/15/2016	1723.49
					7/21/2016	1723.49
					8/9/2016	1724.09
					9/15/2016	1723.40
10/4/2016	1723.85					
11/8/2016	1723.66					
12/7/2016	1723.56					
1/5/2017	1723.84					
2/6/2017	1723.97					
3/7/2017	1724.00					
4/4/2017	1724.04					
5/1/2017	1724.04					
6/12/2017	1723.97					
7/5/2017	1723.95					
8/16/2017	1723.97					
9/6/2017	1723.87					
10/4/2017	1723.58					

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
M-67	828508.35	26719830.00	Qal/xMCf/UMCf	1721.25	11/6/2017	1723.81
					12/8/2017	1723.80
					1/3/2018	1723.80
					2/14/2018	1724.13
					3/9/2018	1724.10
					4/3/2018	1724.12
					5/7/2018	1723.92
					6/1/2018	1723.94
					7/13/2018	1723.67
					8/6/2018	1723.73
					9/6/2018	1723.63
					10/16/2018	1723.59
					11/5/2018	1723.57
12/6/2018	1723.57					
M-68	828750.88	26719864.83	Qal/xMCf/UMCf	1722.85	1/10/2014	1723.91
					2/7/2014	1723.92
					3/14/2014	1724.08
					4/18/2014	1724.12
					5/13/2014	1724.08
					6/19/2014	1724.44
					7/3/2014	1724.70
					8/14/2014	1724.92
					9/17/2014	1725.07
					10/21/2014	1725.11
					11/20/2014	1725.10
					12/8/2014	1725.02
					1/21/2015	1724.22
					2/4/2015	1724.19
					2/26/2015	1724.19
					3/25/2015	1724.01
					4/24/2015	1723.99
					5/29/2015	1723.89
					6/16/2015	1723.80
					7/8/2015	1723.79
8/6/2015	1723.71					
9/9/2015	1723.66					
10/8/2015	1723.54					
11/6/2015	1723.51					
12/22/2015	1724.03					
1/15/2016	1724.05					
2/18/2016	1723.63					
3/15/2016	1723.76					
4/13/2016	1723.78					

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
M-68	828750.88	26719864.83	Qal/xMCf/UMCf	1722.85	5/24/2016	1723.94
					6/15/2016	1723.83
					7/21/2016	1723.85
					8/9/2016	1724.13
					9/15/2016	1723.97
					10/4/2016	1723.91
					11/8/2016	1723.75
					12/7/2016	1723.66
					1/5/2017	1723.94
					2/6/2017	1724.10
					3/7/2017	1724.08
					4/4/2017	1724.10
					5/1/2017	1724.15
					6/12/2017	1724.07
					7/5/2017	1724.13
					8/14/2017	1723.91
					9/6/2017	1724.12
					10/4/2017	1723.80
					11/6/2017	1724.04
					12/8/2017	1723.98
					1/3/2018	1724.07
					2/14/2018	1724.21
					3/9/2018	1724.21
					4/3/2018	1724.22
5/7/2018	1724.23					
6/1/2018	1724.17					
7/13/2018	1723.77					
8/6/2018	1723.86					
9/6/2018	1723.92					
10/16/2018	1723.67					
11/5/2018	1723.70					
12/6/2018	1723.68					
M-69	827265.44	26719885.82	Qal/xMCf/UMCf	1718.39	1/9/2014	1717.88
					2/12/2014	1717.64
					3/14/2014	1717.50
					4/15/2014	1717.33
					5/12/2014	1716.18
					6/17/2014	1716.82
					7/3/2014	1716.70
					8/12/2014	1716.24
					9/17/2014	1716.12
10/21/2014	1716.06					
11/19/2014	1715.94					

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
M-69	827265.44	26719885.82	Qal/xMCf/UMCf	1718.39	12/9/2014	1715.93
					1/20/2015	1715.98
					2/4/2015	1715.84
					2/25/2015	1716.00
					3/24/2015	1715.92
					4/23/2015	1716.12
					5/8/2015	1715.76
					6/16/2015	1715.87
					7/10/2015	1715.82
					8/5/2015	1716.04
					9/21/2015	1715.85
					10/20/2015	1716.03
					11/5/2015	1715.92
					12/16/2015	1716.20
					1/25/2016	1716.25
					2/17/2016	1716.17
					3/11/2016	1716.26
					4/5/2016	1716.24
					5/23/2016	1716.24
					6/16/2016	1716.05
					7/25/2016	1716.03
					8/10/2016	1716.65
					9/12/2016	1716.11
					10/4/2016	1716.35
					11/8/2016	1716.55
					12/7/2016	1716.83
					1/5/2017	1717.12
					2/6/2017	1717.20
					3/7/2017	1717.29
					4/4/2017	1717.41
5/1/2017	1717.59					
6/9/2017	1717.64					
7/5/2017	1717.46					
8/14/2017	1716.96					
9/6/2017	1716.86					
10/4/2017	1716.39					
11/6/2017	1716.39					
12/8/2017	1716.16					
1/3/2018	1716.00					
2/15/2018	1715.90					
3/9/2018	1715.88					
4/3/2018	1715.84					
5/7/2018	1715.53					

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
M-69	827265.44	26719885.82	Qal/xMCf/UMCf	1718.39	6/1/2018	1715.51
					7/13/2018	1715.26
					8/6/2018	1715.36
					9/6/2018	1715.27
					10/16/2018	1715.28
					11/5/2018	1715.28
					12/6/2018	1715.33
M-70	827567.16	26719904.68	Qal/xMCf/UMCf	1719.17	1/9/2014	1714.64
					2/6/2014	1714.52
					3/14/2014	1714.33
					4/18/2014	1714.09
					5/13/2014	1713.88
					6/17/2014	1713.61
					7/3/2014	1713.49
					8/12/2014	1713.23
					9/17/2014	1713.05
					10/21/2014	1713.03
					11/19/2014	1712.97
					12/8/2014	1712.94
					1/20/2015	1713.07
					2/4/2015	1712.83
					2/25/2015	1713.07
					3/24/2015	1713.01
					4/23/2015	1712.66
					5/21/2015	1712.88
					6/16/2015	1712.87
					7/10/2015	1712.76
					8/5/2015	1712.67
					9/21/2015	1712.57
					10/20/2015	1712.58
					11/9/2015	1712.95
					12/16/2015	1712.84
					1/25/2016	1713.26
					2/16/2016	1712.59
					3/11/2016	1713.07
4/5/2016	1713.05					
5/24/2016	1712.77					
6/16/2016	1712.60					
7/25/2016	1712.63					
8/10/2016	1712.98					
9/12/2016	1712.88					
10/4/2016	1712.77					
11/8/2016	1712.74					

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
M-70	827567.16	26719904.68	Qal/xMCf/UMCf	1719.17	12/7/2016	1712.95
					1/5/2017	1713.13
					2/6/2017	1713.19
					3/7/2017	1713.27
					4/4/2017	1713.31
					5/1/2017	1713.37
					6/9/2017	1713.47
					7/5/2017	1713.38
					8/14/2017	1713.15
					9/6/2017	1713.06
					10/4/2017	1712.63
					11/6/2017	1712.86
					12/8/2017	1712.69
					1/3/2018	1712.63
					2/15/2018	1712.63
					3/9/2018	1712.56
					4/3/2018	1712.54
					5/7/2018	1712.34
					6/1/2018	1712.37
					7/13/2018	1712.18
8/6/2018	1712.30					
9/6/2018	1712.18					
10/16/2018	1712.17					
11/5/2018	1712.15					
12/6/2018	1712.16					
M-71	827859.30	26719943.70	Qal/xMCf/UMCf	1715.19	1/9/2014	1712.52
					2/6/2014	1712.36
					3/14/2014	1712.17
					4/18/2014	1712.13
					5/13/2014	1712.02
					6/17/2014	1711.95
					7/3/2014	1711.80
					8/12/2014	1711.60
					9/17/2014	1711.48
					10/21/2014	1711.48
					11/19/2014	1711.38
					12/8/2014	1711.42
					1/20/2015	1711.43
					2/4/2015	1711.03
					2/25/2015	1710.47
3/24/2015	1711.40					
4/23/2015	1712.68					
5/21/2015	1711.23					

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
M-71	827859.30	26719943.70	Qal/xMCf/UMCf	1715.19	6/16/2015	1711.38
					7/10/2015	1711.35
					8/5/2015	1715.00
					9/21/2015	1711.39
					10/20/2015	1711.36
					11/9/2015	1711.06
					12/16/2015	1711.84
					1/25/2016	1711.85
					2/16/2016	1711.81
					3/11/2016	1711.84
					4/5/2016	1711.77
					5/24/2016	1711.73
					6/16/2016	1711.61
					7/25/2016	1711.64
					8/10/2016	1711.78
					9/12/2016	1711.65
					10/4/2016	1711.52
					11/8/2016	1711.47
					12/7/2016	1711.47
					1/5/2017	1711.72
					2/6/2017	1711.79
					3/7/2017	1711.79
					4/4/2017	1711.81
					5/1/2017	1711.87
					6/9/2017	1711.89
					7/5/2017	1711.84
					8/16/2017	1711.77
					9/6/2017	1711.69
					10/4/2017	1711.33
					11/6/2017	1711.61
12/8/2017	1711.44					
1/3/2018	1711.45					
2/15/2018	1711.66					
3/9/2018	1711.65					
4/3/2018	1711.60					
5/7/2018	1711.40					
6/1/2018	1711.44					
7/13/2018	1711.28					
8/6/2018	1711.39					
9/6/2018	1711.34					
10/16/2018	1711.31					
11/5/2018	1711.30					
12/6/2018	1711.28					

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
M-72	828171.94	26719977.31	Qal/xMCf/UMCf	1722.56	1/9/2014	1715.01
					2/6/2014	1714.96
					3/14/2014	1714.91
					4/18/2014	1714.85
					5/13/2014	1714.62
					6/17/2014	1714.71
					7/3/2014	1714.62
					8/12/2014	1714.68
					9/17/2014	1714.65
					10/21/2014	1714.72
					11/19/2014	1714.64
					12/8/2014	1714.55
					1/20/2015	1714.46
					2/4/2015	1714.16
					2/25/2015	1714.41
					3/24/2015	1714.31
					4/23/2015	1714.36
					5/21/2015	1714.32
					6/16/2015	1714.30
					7/10/2015	1714.18
					8/5/2015	1714.25
					9/21/2015	1714.21
					10/20/2015	1714.14
					11/9/2015	1714.19
					12/16/2015	1714.66
					1/25/2016	1714.60
					2/16/2016	1714.18
					3/11/2016	1714.50
					4/5/2016	1714.45
					5/24/2016	1714.61
6/16/2016	1714.52					
7/25/2016	1714.50					
8/10/2016	1714.79					
9/21/2016	1714.62					
10/4/2016	1714.49					
11/8/2016	1714.28					
12/7/2016	1714.39					
1/5/2017	1714.65					
2/6/2017	1714.63					
3/7/2017	1714.56					
4/4/2017	1714.64					
5/1/2017	1714.75					
6/9/2017	1714.74					

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
M-72	828171.94	26719977.31	Qal/xMCf/UMCf	1722.56	7/5/2017	1714.67
					8/14/2017	1714.69
					9/6/2017	1714.62
					10/4/2017	1713.80
					11/6/2017	1714.59
					12/8/2017	1714.46
					1/3/2018	1714.56
					2/15/2018	1714.77
					3/9/2018	1714.83
					4/3/2018	1714.79
					5/7/2018	1714.61
					6/1/2018	1714.54
					7/13/2018	1714.30
					8/6/2018	1714.51
9/6/2018	1714.32					
10/16/2018	1714.27					
11/5/2018	1714.40					
12/6/2018	1714.33					
M-72D	828139.65	26719974.69	UMCf	1680.60	10/18/2017	1715.97
M-73	828427.46	26720018.54	Qal/xMCf/UMCf	1718.75	1/10/2014	1712.22
					2/7/2014	1712.27
					3/14/2014	1712.41
					4/18/2014	1712.55
					5/13/2014	1712.46
					6/19/2014	1712.63
					7/3/2014	1712.82
					8/14/2014	1712.95
					9/17/2014	1713.02
					10/21/2014	1713.09
					11/20/2014	1713.09
					12/9/2014	1713.02
					1/21/2015	1712.85
					1/29/2015	1712.78
					2/26/2015	1712.82
					3/25/2015	1712.72
					4/24/2015	1712.73
					5/29/2015	1712.66
6/16/2015	1712.61					
7/8/2015	1712.69					
8/6/2015	1712.68					
9/9/2015	1714.27					
10/8/2015	1712.56					
11/6/2015	1712.26					

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
M-73	828427.46	26720018.54	Qal/xMCf/UMCf	1718.75	12/22/2015	1712.34
					1/15/2016	1712.33
					2/19/2016	1712.24
					3/15/2016	1712.53
					4/5/2016	1712.58
					5/24/2016	1712.67
					6/15/2016	1712.56
					7/21/2016	1712.60
					8/9/2016	1712.55
					9/12/2016	1712.58
					10/4/2016	1712.57
					11/8/2016	1712.45
					12/7/2016	1712.39
					1/5/2017	1712.69
					2/6/2017	1712.75
					3/7/2017	1712.62
					4/4/2017	1712.61
					5/1/2017	1712.72
					6/20/2017	1712.73
					7/7/2017	1712.73
					8/14/2017	1712.81
					9/6/2017	1712.70
					10/4/2017	1712.36
					11/6/2017	1712.59
					12/8/2017	1712.50
					1/3/2018	1712.57
2/16/2018	1712.83					
3/9/2018	1712.85					
4/3/2018	1712.61					
5/15/2018	1712.85					
6/1/2018	1712.64					
7/13/2018	1712.44					
8/6/2018	1710.60					
9/6/2018	1710.55					
10/16/2018	1710.54					
11/5/2018	1710.61					
12/6/2018	1710.62					
M-74	828713.43	26720062.52	UMCf	1718.41	1/10/2014	1715.26
					2/7/2014	1715.55
					3/14/2014	1716.14
					4/18/2014	1716.61
					5/13/2014	1716.76
6/19/2014	1717.06					

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
M-74	828713.43	26720062.52	UMCf	1718.41	7/3/2014	1717.24
					8/14/2014	1717.59
					9/17/2014	1717.77
					10/21/2014	1717.87
					11/20/2014	1717.87
					12/18/2014	1717.87
					1/21/2015	1717.59
					1/29/2015	1717.55
					2/26/2015	1717.50
					3/25/2015	1717.40
					4/24/2015	1717.35
					5/29/2015	1717.32
					6/16/2015	1717.11
					7/8/2015	1717.18
					8/6/2015	1717.13
					9/9/2015	1717.05
					10/8/2015	1717.05
					11/6/2015	1716.88
					12/22/2015	1717.01
					1/15/2016	1717.07
					2/18/2016	1717.08
					3/15/2016	1717.03
					4/13/2016	1716.89
					5/24/2016	1716.96
					6/15/2016	1716.99
					7/21/2016	1716.18
					8/9/2016	1716.68
					9/12/2016	1716.33
					10/4/2016	1716.78
					11/8/2016	1716.69
12/7/2016	1716.59					
1/5/2017	1716.86					
2/6/2017	1717.07					
3/7/2017	1716.95					
4/4/2017	1716.93					
5/1/2017	1716.98					
6/12/2017	1717.05					
7/5/2017	1717.09					
8/14/2017	1717.03					
9/6/2017	1717.15					
10/4/2017	1716.72					
11/6/2017	1717.06					
12/8/2017	1716.95					

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
M-74	828713.43	26720062.52	UMCf	1718.41	1/3/2018	1717.04
					2/14/2018	1717.12
					3/9/2018	1717.10
					4/3/2018	1717.09
					5/7/2018	1717.13
					6/1/2018	1717.14
					7/13/2018	1716.83
					8/6/2018	1716.97
					9/6/2018	1716.87
					10/16/2018	1716.87
					11/5/2018	1716.93
					12/6/2018	1716.96
M-75	827718.66	26718702.91	Qal/xMCf/UMCf	1740.19	1/10/2014	1742.09
					2/7/2014	1742.02
					3/14/2014	1741.92
					4/18/2014	1741.86
					5/13/2014	1741.83
					6/19/2014	1741.84
					7/3/2014	1741.84
					8/11/2014	1741.79
					9/17/2014	1741.83
					10/21/2014	1741.79
					11/20/2014	1741.85
					12/2/2014	1741.68
					1/21/2015	1741.77
					2/3/2015	1741.79
					2/16/2015	1744.00
					3/25/2015	1741.75
					4/24/2015	1741.74
					5/29/2015	1741.74
					6/16/2015	1741.78
					7/8/2015	1741.67
8/6/2015	1741.58					
9/9/2015	1741.51					
10/9/2015	1741.97					
11/6/2015	1741.84					
12/22/2015	1742.12					
1/15/2016	1742.20					
2/18/2016	1742.19					
3/15/2016	1736.29					
4/13/2016	1742.31					
5/27/2016	1742.54					
6/15/2016	1742.31					

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
M-75	827718.66	26718702.91	Qal/xMCf/UMCf	1740.19	7/21/2016	1742.30
					8/11/2016	1742.60
					9/12/2016	1742.47
					10/4/2016	1742.21
					5/1/2017	1742.72
					10/18/2017	1742.02
					5/7/2018	1742.04
M-76	827550.42	26718660.25	UMCf	1739.78	1/10/2014	1746.06
					2/7/2014	1746.00
					3/14/2014	1745.92
					4/18/2014	1745.99
					5/13/2014	1746.03
					6/19/2014	1746.00
					7/3/2014	1745.99
					8/11/2014	1745.91
					9/17/2014	1745.95
					10/21/2014	1745.88
					11/20/2014	1745.87
					12/2/2014	1745.82
					1/21/2015	1745.85
					2/3/2015	1745.84
					2/16/2015	1742.79
					3/25/2015	1745.85
					4/24/2015	1745.82
					5/29/2015	1745.84
					6/16/2015	1745.83
					7/8/2015	1745.91
					8/6/2015	1745.89
					9/9/2015	1745.85
					10/9/2015	1746.23
					11/6/2015	1746.18
					12/22/2015	1746.46
					1/15/2016	1746.49
					2/18/2016	1746.33
3/15/2016	1746.31					
4/13/2016	1746.18					
5/24/2016	1746.68					
6/15/2016	1746.12					
7/21/2016	1746.08					
8/11/2016	1746.65					
9/21/2016	1746.25					
10/4/2016	1746.45					
5/1/2017	1747.24					

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
M-76	827550.42	26718660.25	UMCf	1739.78	5/7/2018	1746.13
M-77	828931.86	26718046.10	Qal/xMCf/UMCf	1761.80	1/10/2014	1763.27
					2/7/2014	1763.09
					3/14/2014	1760.74
					4/18/2014	1762.60
					5/14/2014	1762.46
					6/19/2014	1762.29
					7/3/2014	1762.25
					8/11/2014	1762.11
					9/17/2014	1762.07
					10/21/2014	1761.90
					11/21/2014	1761.57
					12/2/2014	1761.74
					1/21/2015	1761.60
					1/28/2015	1761.70
					2/16/2015	1761.52
					3/25/2015	1761.38
					4/24/2015	1761.35
					6/5/2015	1761.10
					6/16/2015	1761.17
					7/8/2015	1755.16
					8/6/2015	1761.15
					9/9/2015	1761.68
					10/9/2015	1760.95
					11/6/2015	1760.96
					12/22/2015	1760.95
					1/15/2016	1761.00
2/18/2016	1760.92					
3/11/2016	1760.90					
4/13/2016	1760.94					
5/25/2016	1761.17					
6/15/2016	1760.91					
7/21/2016	1760.89					
8/11/2016	1762.79					
9/21/2016	1761.91					
10/4/2016	1762.53					
5/1/2017	1762.58					
5/7/2018	1765.10					
M-78	827777.18	26719838.28	Qal/xMCf/UMCf	1718.03	1/9/2014	1725.61
					2/3/2014	1725.36
					3/14/2014	1724.36
					4/15/2014	1724.14
					5/5/2014	1724.03

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
M-78	827777.18	26719838.28	Qal/xMCf/UMCf	1718.03	6/17/2014	1721.76
					7/3/2014	1720.61
					8/8/2014	1718.97
					9/17/2014	1718.64
					10/21/2014	1718.63
					11/19/2014	1718.83
					12/2/2014	1718.99
					1/20/2015	1718.99
					2/16/2015	1719.12
					3/24/2015	1718.64
					4/23/2015	1718.54
					5/4/2015	1718.59
					6/16/2015	1718.45
					7/10/2015	1718.44
					8/3/2015	1718.31
					9/14/2015	1718.53
					10/21/2015	1717.50
					11/2/2015	1719.51
					12/15/2015	1711.41
					1/25/2016	1711.44
					2/19/2016	1720.50
					3/11/2016	1718.94
					4/5/2016	1722.58
					5/3/2016	1720.15
					6/16/2016	1722.53
					7/25/2016	1722.51
					8/11/2016	1721.31
					9/21/2016	1721.53
10/4/2016	1718.97					
12/27/2016	1719.61					
2/6/2017	1721.04					
5/1/2017	1721.22					
8/14/2017	1720.19					
11/6/2017	1719.11					
11/8/2017	1719.20					
2/15/2018	1719.90					
5/7/2018	1717.11					
8/6/2018	1718.56					
11/5/2018	1718.43					
M-79	827381.95	26720049.07	Qal/xMCf/UMCf	1720.19	1/9/2014	1712.59
					2/6/2014	1712.49
					3/14/2014	1712.31
					4/15/2014	1712.25

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
M-79	827381.95	26720049.07	Qal/xMCf/UMCf	1720.19	5/12/2014	1711.94
					6/17/2014	1711.72
					7/3/2014	1711.62
					8/12/2014	1711.39
					9/17/2014	1711.21
					10/21/2014	1711.15
					11/19/2014	1711.06
					12/3/2014	1711.05
					1/20/2015	1711.14
					2/5/2015	1711.23
					2/25/2015	1711.10
					3/24/2015	1711.09
					4/23/2015	1710.96
					5/8/2015	1710.80
					6/16/2015	1711.01
					7/10/2015	1710.93
					8/5/2015	1710.84
					9/21/2015	1710.75
					10/20/2015	1710.78
					11/5/2015	1710.80
					12/16/2015	1710.92
					1/25/2016	1710.99
					2/16/2016	1710.96
					3/11/2016	1710.97
					4/5/2016	1710.95
					5/23/2016	1710.96
					6/16/2016	1710.92
					7/25/2016	1710.89
					8/10/2016	1711.14
					9/8/2016	1710.97
10/4/2016	1710.99					
11/8/2016	1711.02					
2/6/2017	1713.83					
5/1/2017	1714.09					
8/14/2017	1713.84					
9/28/2017	1713.58					
10/19/2017	1713.52					
11/6/2017	1713.44					
2/15/2018	1713.08					
5/7/2018	1712.82					
8/6/2018	1712.72					
11/5/2018	1712.56					
M-80	827759.54	26720113.16	Qal/xMCf/UMCf	1717.51	1/10/2014	1710.60

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
M-80	827759.54	26720113.16	Qal/xMCf/UMCf	1717.51	2/7/2014	1710.57
					3/14/2014	1710.50
					4/18/2014	1710.42
					5/13/2014	1710.35
					6/19/2014	1710.25
					7/3/2014	1710.13
					8/14/2014	1710.11
					9/17/2014	1710.03
					10/21/2014	1710.01
					11/20/2014	1710.00
					12/18/2014	1710.01
					1/21/2015	1710.02
					2/6/2015	1708.36
					2/26/2015	1709.84
					3/25/2015	1709.98
					4/24/2015	1709.60
					5/29/2015	1709.97
					6/16/2015	1709.82
					7/8/2015	1709.75
					8/6/2015	1709.83
					9/9/2015	1709.46
					10/8/2015	1708.13
					11/6/2015	1709.74
					12/22/2015	1710.03
					1/15/2016	1710.00
					2/19/2016	1709.98
					3/15/2016	1708.37
					4/13/2016	1708.42
					5/24/2016	1710.00
					6/15/2016	1708.43
7/21/2016	1708.40					
8/9/2016	1709.86					
9/13/2016	1708.19					
10/4/2016	1709.91					
11/8/2016	1709.89					
2/6/2017	1710.16					
5/1/2017	1710.23					
8/14/2017	1710.07					
11/6/2017	1710.00					
2/14/2018	1710.04					
5/7/2018	1709.72					
8/6/2018	1709.85					
11/5/2018	1709.79					

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
M-81A	828139.49	26720176.91	Qal/xMCf/UMCf	1708.14	1/10/2014	1708.85
					2/7/2014	1708.79
					3/14/2014	1708.79
					4/18/2014	1708.73
					5/13/2014	1708.60
					6/19/2014	1708.63
					7/3/2014	1708.58
					8/14/2014	1708.70
					9/17/2014	1708.59
					10/21/2014	1708.54
					11/20/2014	1708.54
					12/18/2014	1708.48
					1/21/2015	1708.45
					2/6/2015	1708.46
					2/26/2015	1708.45
					3/25/2015	1708.33
					4/24/2015	1708.37
					5/29/2015	1708.33
					6/16/2015	1707.87
					7/8/2015	1708.22
					8/6/2015	1708.12
					9/9/2015	1709.07
					10/8/2015	1708.26
					11/6/2015	1708.16
					12/22/2015	1708.14
					1/15/2016	1708.11
					2/19/2016	1708.45
					3/15/2016	1708.46
					4/13/2016	1708.46
					5/24/2016	1708.56
6/15/2016	1708.40					
7/21/2016	1708.42					
8/9/2016	1708.53					
9/13/2016	1708.46					
10/4/2016	1708.54					
11/8/2016	1708.44					
2/6/2017	1708.57					
5/1/2017	1708.59					
8/14/2017	1709.53					
11/6/2017	1708.49					
2/14/2018	1709.03					
5/7/2018	1708.49					
8/6/2018	1710.05					

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
M-81A	828139.49	26720176.91	Qal/xMCf/UMCf	1708.14	11/5/2018	1710.01
M-81D	828136.93	26720184.91	UMCf	1678.04	10/23/2017	1710.40
M-83	827584.72	26720160.56	Qal/xMCf/UMCf	1713.49	1/16/2014	1711.70
					2/7/2014	1711.63
					3/13/2014	1712.25
					4/17/2014	1711.19
					5/13/2014	1711.14
					6/13/2014	1710.94
					7/9/2014	1710.79
					8/14/2014	1710.65
					9/11/2014	1710.57
					10/14/2014	1710.68
					11/24/2014	1710.43
					12/30/2014	1710.41
					1/15/2015	1710.54
					2/6/2015	1710.53
					2/13/2015	1710.55
					3/11/2015	1710.48
					4/16/2015	1710.41
					5/29/2015	1710.36
					6/25/2015	1710.35
					7/13/2015	1710.34
					8/6/2015	1710.34
					9/15/2015	1710.20
					10/13/2015	1710.07
					11/6/2015	1710.05
					12/9/2015	1709.89
					1/12/2016	1709.98
					2/10/2016	1710.23
					3/10/2016	1710.35
4/6/2016	1710.44					
5/24/2016	1710.21					
6/8/2016	1710.10					
7/19/2016	1710.27					
8/9/2016	1710.30					
9/13/2016	1710.29					
10/11/2016	1710.15					
11/8/2016	1710.22					
2/6/2017	1710.60					
5/1/2017	1710.78					
8/14/2017	1710.23					
11/6/2017	1710.42					
2/14/2018	1710.32					

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
M-83	827584.72	26720160.56	Qal/xMCf/UMCf	1713.49	5/7/2018	1710.02
					8/6/2018	1709.99
					11/5/2018	1709.88
M-83D	827574.15	26720169.60	UMCf	1673.86	11/2/2017	1711.42
M-92	827137.55	26717532.14	UMCf	1758.38	1/7/2014	1764.51
					2/6/2014	1764.38
					3/14/2014	1764.28
					4/18/2014	1764.19
					5/12/2014	1764.28
					6/6/2014	1764.49
					6/19/2014	1764.45
					7/7/2014	1764.49
					8/11/2014	1764.54
					9/18/2014	1764.68
					10/22/2014	1764.77
					11/21/2014	1764.74
					12/2/2014	1764.74
					1/20/2015	1764.70
					1/29/2015	1764.43
					2/16/2015	1764.70
					3/25/2015	1764.59
					4/15/2015	1764.77
					5/22/2015	1764.70
					6/16/2015	1764.69
					7/7/2015	1764.78
					8/6/2015	1765.02
					9/10/2015	1765.06
					10/7/2015	1765.06
					11/9/2015	1765.03
					12/15/2015	1765.22
					1/15/2016	1765.26
					2/19/2016	1764.80
3/11/2016	1764.96					
4/6/2016	1764.50					
4/13/2016	1764.95					
5/23/2016	1764.55					
6/14/2016	1764.46					
7/25/2016	1764.18					
8/11/2016	1765.71					
9/1/2016	1765.58					
10/4/2016	1766.33					
4/5/2017	1766.32					
5/1/2017	1766.41					

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
M-92	827137.55	26717532.14	UMCf	1758.38	5/7/2018	1764.73
M-93	827143.16	26717686.29	UMCf	1757.30	1/7/2014	1762.19
					2/6/2014	1762.06
					3/14/2014	1761.97
					4/18/2014	1761.87
					5/12/2014	1761.96
					6/19/2014	1762.14
					7/7/2014	1762.11
					8/11/2014	1762.19
					9/18/2014	1762.35
					10/22/2014	1762.38
					11/21/2014	1762.38
					12/2/2014	1762.32
					1/20/2015	1762.29
					1/29/2015	1762.34
					2/16/2015	1762.29
					3/25/2015	1762.27
					4/15/2015	1762.35
					5/28/2015	1762.32
					6/16/2015	1762.40
					7/7/2015	1762.39
					8/6/2015	1762.72
					9/10/2015	1762.90
					10/7/2015	1762.79
					11/9/2015	1762.72
12/15/2015	1762.98					
1/15/2016	1762.96					
2/19/2016	1762.52					
3/11/2016	1778.74					
4/12/2016	1762.58					
5/23/2016	1762.69					
6/14/2016	1762.40					
7/25/2016	1762.37					
8/11/2016	1763.31					
9/1/2016	1762.55					
10/4/2016	1763.84					
5/1/2017	1764.12					
5/7/2018	1762.38					
M-95	827426.47	26722701.98	Qal	1678.11	1/7/2014	1677.50
					2/5/2014	1677.37
					3/14/2014	1677.27
					4/18/2014	1677.21
					5/8/2014	1677.17

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
M-95	827426.47	26722701.98	Qal	1678.11	6/19/2014	1677.10
					7/7/2014	1677.04
					8/13/2014	1676.97
					9/18/2014	1676.90
					10/22/2014	1676.81
					11/21/2014	1676.62
					12/5/2014	1676.55
					1/20/2015	1676.36
					2/24/2015	1676.16
					3/26/2015	1676.20
					4/15/2015	1676.15
					5/26/2015	1676.01
					6/17/2015	1675.91
					7/7/2015	1675.87
					8/10/2015	1675.76
					9/10/2015	1675.61
					10/7/2015	1675.59
					11/3/2015	1675.33
					12/15/2015	1675.24
					1/26/2016	1675.32
2/15/2016	1675.27					
3/11/2016	1675.29					
4/12/2016	1675.19					
5/12/2016	1675.24					
6/14/2016	1675.25					
7/18/2016	1675.29					
5/1/2017	1676.02					
8/14/2017	1675.06					
11/6/2017	1675.13					
2/15/2018	1674.98					
M-96	827625.78	26722700.54	Qal	1678.78	2/7/2017	1674.78
M-97	827492.18	26717795.28	UMCf	1758.56	1/7/2014	1761.24
					2/6/2014	1761.09
					3/14/2014	1760.98
					4/18/2014	1760.86
					5/12/2014	1760.93
					6/19/2014	1761.01
					7/7/2014	1760.99
					8/11/2014	1760.91
					9/18/2014	1761.01
					10/22/2014	1760.97
11/21/2014	1761.04					
12/2/2014	1760.98					

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
M-97	827492.18	26717795.28	UMCf	1758.56	1/20/2015	1760.97
					1/29/2015	1760.86
					2/16/2015	1760.94
					3/25/2015	1760.96
					4/15/2015	1760.92
					5/22/2015	1760.96
					6/16/2015	1760.79
					7/7/2015	1761.05
					8/6/2015	1761.09
					9/10/2015	1761.31
					10/7/2015	1761.35
					11/9/2015	1761.34
					12/15/2015	1761.75
					1/15/2016	1782.05
					2/19/2016	1761.45
					3/11/2016	1761.56
					4/12/2016	1761.16
					5/23/2016	1761.47
6/14/2016	1761.52					
7/25/2016	1761.51					
8/11/2016	1762.00					
9/1/2016	1761.80					
10/4/2016	1762.11					
5/1/2017	1762.61					
5/7/2018	1761.51					
M-98	826873.01	26720914.11	Qal	1707.43	4/13/2015	1698.81
					10/5/2015	1698.71
					4/5/2016	1698.81
					10/5/2016	1698.73
					4/4/2017	1698.88
					10/6/2017	1699.29
					4/3/2018	1699.22
5/23/2018	1699.19					
M-99	827309.23	26720851.81	Qal	1705.48	1/10/2014	1697.72
					2/10/2014	1697.70
					3/14/2014	1697.66
					4/18/2014	1697.57
					5/20/2014	1697.50
					6/17/2014	1697.49
					7/3/2014	1697.41
					8/12/2014	1697.36
9/17/2014	1697.31					
10/21/2014	1697.28					

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
M-99	827309.23	26720851.81	Qal	1705.48	11/19/2014	1697.21
					12/8/2014	1697.18
M-103	828727.97	26715622.71	UMCf	1784.89	5/18/2016	1790.58
M-115	827243.41	26718612.95	Qal/xMCf/UMCf	1741.12	1/10/2014	1749.98
					2/7/2014	1749.90
					3/14/2014	1749.81
					4/18/2014	1750.25
					5/13/2014	1750.13
					6/19/2014	1750.11
					7/3/2014	1749.93
					8/11/2014	1749.87
					9/17/2014	1749.85
					10/21/2014	1749.73
					11/20/2014	1749.68
					12/2/2014	1749.62
					1/21/2015	1749.65
					2/3/2015	1749.64
					2/16/2015	1749.66
					3/25/2015	1750.00
					4/24/2015	1749.61
					5/29/2015	1749.65
					6/16/2015	1749.47
					7/8/2015	1749.54
					8/6/2015	1749.83
					9/9/2015	1749.95
					10/9/2015	1750.22
					11/6/2015	1750.06
					12/22/2015	1750.26
					1/15/2016	1749.83
2/18/2016	1750.27					
3/15/2016	1750.20					
4/13/2016	1750.19					
5/24/2016	1750.54					
6/15/2016	1750.18					
7/21/2016	1750.24					
8/11/2016	1750.49					
9/12/2016	1750.26					
10/4/2016	1750.49					
5/1/2017	1747.66					
5/7/2018	1745.64					
M-117	828916.75	26715198.67	UMCf	1738.12	5/15/2014	1808.51
					1/12/2015	1809.65
					1/16/2015	1809.96

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
M-117	828916.75	26715198.67	UMCf	1738.12	5/26/2015	1809.56
					5/16/2016	1808.43
					5/18/2017	1810.64
					5/7/2018	1810.98
M-118	828036.21	26715068.38	UMCf	1726.46	5/13/2014	1810.83
					1/13/2015	1811.16
					1/20/2015	1811.10
					5/19/2015	1810.27
					5/16/2016	1809.93
					5/1/2017	1812.51
					5/7/2018	1812.75
M-120	828387.52	26715163.04	UMCf	1785.86	5/13/2014	1797.43
					1/20/2015	1797.17
					5/19/2015	1794.62
					5/16/2016	1794.28
					5/18/2017	1795.72
M-121	827694.20	26715011.51	UMCf	1786.08	5/13/2014	1797.91
					1/16/2015	1797.13
					5/19/2015	1796.11
					5/17/2016	1796.18
					5/1/2017	1798.44
M-123	826514.08	26718415.73	UMCf	1739.00	5/14/2014	1744.26
					1/27/2015	1743.63
					6/3/2015	1743.71
					5/25/2016	1744.55
					5/2/2017	1749.74
M-124	827089.92	26718225.15	UMCf	1743.80	5/14/2014	1751.09
					1/29/2015	1750.64
					6/3/2015	1750.82
					5/25/2016	1751.92
					5/2/2017	1753.47
M-125	826529.55	26718992.85	UMCf	1726.05	5/15/2014	1733.89
					1/27/2015	1732.68
					6/3/2015	1732.66
					5/26/2016	1733.76
					5/2/2017	1738.73
M-125D	826504.82	26718988.25	UMCf	1702.60	10/20/2017	1735.21
					5/7/2018	1733.83
M-126	826569.21	26719505.96	UMCf	1726.74	5/12/2014	1724.70

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
M-126	826569.21	26719505.96	UMCf	1726.74	2/6/2015	1723.91
					5/8/2015	1724.02
					5/31/2016	1724.51
					5/1/2017	1727.21
					5/7/2018	1726.91
M-128	827169.41	26718500.44	UMCf	1733.85	5/14/2014	1747.32
					1/30/2015	1746.64
					6/3/2015	1741.96
					5/25/2016	1747.77
M-129	828806.21	26720079.71	Qal/UMCf	1717.67	4/7/2014	1718.04
					10/6/2014	1719.32
					3/30/2015	1718.88
					4/15/2015	1718.88
					6/29/2015	1718.72
					9/18/2015	1718.51
					10/12/2015	1718.46
					3/4/2016	1718.47
					4/11/2016	1718.43
					6/3/2016	1718.41
					12/2/2016	1718.07
					2/13/2017	1718.64
					5/15/2017	1716.90
					8/29/2017	1718.63
					11/6/2017	1718.45
					2/16/2018	1718.47
4/16/2018	1718.45					
5/7/2018	1718.53					
8/6/2018	1718.35					
11/5/2018	1718.35					
M-130	828831.05	26719920.52	Qal/UMCf	1720.28	10/6/2014	1723.86
					3/30/2015	1723.19
					4/16/2015	1723.19
					6/29/2015	1723.01
					9/18/2015	1722.77
					10/12/2015	1722.74
					3/4/2016	1722.75
					4/11/2016	1722.67
					6/3/2016	1721.81
4/16/2018	1722.98					
M-131	827157.74	26719770.85	UMCf	1717.56	2/6/2014	1722.49
					5/12/2014	1721.62
					8/12/2014	1720.87
					12/3/2014	1720.58

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
M-131	827157.74	26719770.85	UMCf	1717.56	2/27/2015	1720.54
					5/8/2015	1720.31
					8/5/2015	1720.27
					11/5/2015	1720.81
					2/17/2016	1721.39
					5/24/2016	1720.92
					8/10/2016	1719.65
11/7/2017	1720.85					
M-132	828714.34	26720048.87	UMCf	1657.94	5/14/2014	1718.30
					2/4/2015	1719.07
					6/5/2015	1720.12
					5/25/2016	1716.41
					5/1/2017	1718.59
5/7/2018	1718.72					
M-133	828698.45	26720067.45	UMCf	1676.71	5/14/2014	1716.90
					1/29/2015	1717.78
					6/5/2015	1717.50
					5/25/2016	1716.22
					5/1/2017	1717.24
5/7/2018	1717.37					
M-134	827144.11	26719889.30	UMCf	1684.94	5/12/2014	1719.68
					2/5/2015	1717.58
					5/8/2015	1717.47
					5/23/2016	1716.87
					5/1/2017	1719.24
5/7/2018	1717.35					
M-135	827154.22	26719890.23	UMCf	1715.68	2/6/2014	1718.63
					5/12/2014	1718.96
					8/12/2014	1717.42
					12/9/2014	1717.21
					2/5/2015	1716.93
					2/27/2015	1717.14
					5/8/2015	1717.16
					8/5/2015	1717.04
					11/5/2015	1717.29
					2/17/2016	1717.20
					5/23/2016	1717.38
					8/10/2016	1717.69
					11/8/2016	1717.65
5/1/2017	1718.99					
9/28/2017	1717.98					
10/19/2017	1717.90					
11/6/2017	1717.74					

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS AT CALIBRATION TARGETS (2014-2018)

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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 (ft amsl)					
M-135	827154.22	26719890.23	UMCf	1715.68	5/7/2018	1717.02					
					11/5/2018	1716.83					
M-136	827165.06	26719889.88	UMCf	1664.56	5/12/2014	1723.54					
					6/6/2014	1723.29					
					2/8/2015	1722.15					
					5/8/2015	1721.76					
					4/6/2016	1723.11					
					5/23/2016	1721.44					
					4/5/2017	1723.99					
					5/1/2017	1724.33					
					4/5/2018	1722.20					
M-137	827665.77	26716034.31	UMCf	1782.93	5/14/2014	1790.33					
					2/3/2015	1789.09					
					6/3/2015	1788.76					
					5/25/2016	1788.42					
					5/2/2017	1790.71					
M-138	827816.09	26716058.52	UMCf	1785.81	5/14/2014	1790.19					
					2/3/2015	1788.94					
					6/3/2015	1788.53					
					5/25/2016	1788.09					
					5/2/2017	1790.35					
M-139	829044.40	26717213.17	UMCf	1761.33	5/15/2014	1777.76					
					2/4/2015	1776.49					
					6/2/2015	1776.07					
					6/7/2016	1775.49					
					5/1/2017	1777.12					
M-140	827427.02	26719888.37	UMCf	1711.82	5/17/2018	1712.52					
					M-140D	827430.94	26719900.33	UMCf	1679.67	10/18/2017	1713.52
					M-141	828465.30	26718195.39	UMCf	1752.97	5/14/2014	1754.92
										1/28/2015	1753.96
										6/2/2015	1753.64
6/23/2016	1754.31										
M-142	827189.62	26718711.81	UMCf	1736.50	5/1/2017	1756.31					
					5/7/2018	1755.55					
					5/15/2014	1743.39					
					6/6/2014	1742.98					
					2/3/2015	1742.44					
M-142	827189.62	26718711.81	UMCf	1736.50	4/17/2015	1742.37					
					6/2/2015	1742.36					

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
M-142	827189.62	26718711.81	UMCf	1736.50	4/6/2016	1742.97
					5/31/2016	1743.37
					4/5/2017	1745.51
					5/1/2017	1745.46
					4/5/2018	1743.54
					5/7/2018	1743.07
M-144	827644.52	26717026.09	UMCf	1773.26	5/15/2014	1775.62
					2/2/2015	1774.62
					6/2/2015	1774.52
					5/27/2016	1777.24
					5/1/2017	1776.19
					5/7/2018	1775.28
M-145	829203.27	26717449.32	UMCf	1760.22	5/15/2014	1774.50
					6/2/2015	1772.99
					2/10/2016	1772.37
					5/26/2016	1772.50
					6/15/2016	1772.49
					9/14/2016	1773.53
					5/1/2017	1773.93
5/7/2018	1773.14					
M-146	827774.93	26716991.99	UMCf	1767.97	5/15/2014	1777.71
					1/30/2015	1776.72
					6/2/2015	1776.52
					5/27/2016	1776.26
M-147	828824.13	26718858.23	UMCf	1742.56	5/15/2014	1743.20
					2/4/2015	1742.60
					6/2/2015	1742.02
					5/1/2017	1742.57
					5/7/2018	1742.58
M-148A	829028.31	26718355.61	UMCf	1753.14	5/15/2014	1753.90
					1/28/2015	1753.21
					6/2/2015	1752.55
					2/10/2016	1752.24
					5/31/2016	1752.98
					6/14/2016	1752.99
					9/13/2016	1754.10
					5/1/2017	1754.21
5/7/2018	1753.90					
M-149	828373.07	26718285.86	UMCf	1687.21	5/22/2014	1752.30
					6/6/2014	1752.25
					1/21/2015	1751.97
					1/26/2015	1751.66
					4/17/2015	1751.43

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
M-149	828373.07	26718285.86	UMCf	1687.21	5/26/2015	1751.39
					4/6/2016	1751.35
					5/18/2016	1751.61
					4/5/2017	1753.33
					5/1/2017	1753.50
					11/3/2017	1753.16
					4/5/2018	1752.91
5/7/2018	1753.05					
M-150	828058.93	26719569.89	UMCf	1621.45	5/19/2014	1736.45
					6/6/2014	1736.71
					1/12/2015	1735.66
					1/16/2015	1735.71
					4/15/2015	1735.69
					5/20/2015	1735.38
					4/6/2016	1736.00
					5/19/2016	1735.36
					4/5/2017	1736.32
					5/1/2017	1736.37
4/5/2018	1736.04					
5/7/2018	1736.02					
M-151	827642.71	26720826.91	UMCf	1593.39	5/21/2014	1712.61
					1/20/2015	1712.20
					5/26/2015	1711.89
					5/16/2016	1711.95
					5/1/2017	1712.28
5/7/2018	1712.18					
M-152	826973.35	26722690.68	UMCf	1560.46	5/19/2014	1672.19
					1/14/2015	1671.88
					5/21/2015	1671.22
					5/19/2016	1670.45
					5/1/2017	1670.50
					10/27/2017	1667.59
5/7/2018	1670.44					
M-153	828385.56	26718288.14	UMCf	1637.21	5/22/2014	1766.70
					1/20/2015	1766.38
					1/26/2015	1766.39
					5/26/2015	1766.25
					5/18/2016	1766.59
					5/1/2017	1767.56
5/7/2018	1767.85					
M-154	828047.55	26719568.47	UMCf	1571.51	5/19/2014	1747.73
					1/12/2015	1747.33
					1/15/2015	1747.12

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
M-154	828047.55	26719568.47	UMCf	1571.51	5/20/2015	1747.15
					5/19/2016	1747.33
					5/1/2017	1747.90
					5/7/2018	1747.89
M-155	827635.53	26720827.51	UMCf	1518.14	5/21/2014	1730.69
					1/21/2015	1730.69
					5/18/2016	1730.69
					8/16/2017	1734.13
					5/7/2018	1729.51
M-156	826964.16	26722690.76	UMCf	1510.53	5/15/2014	1678.91
					1/21/2015	1678.48
					5/21/2015	1677.92
					5/19/2016	1677.08
					5/1/2017	1676.81
					5/7/2018	1677.00
M-161	827132.17	26719888.93	UMCf	1645.21	5/20/2014	1729.50
					1/13/2015	1728.32
					1/15/2015	1728.20
					5/20/2015	1728.65
					5/17/2016	1728.97
					5/1/2017	1730.01
					5/7/2018	1728.56
M-161D	827237.32	26719894.14	UMCf	1612.78	3/12/2015	1733.98
					2/9/2016	1733.55
					6/13/2016	1734.01
					9/12/2016	1734.35
					11/8/2016	1734.15
					5/1/2017	1735.29
					11/6/2017	1734.78
					5/7/2018	1733.95
					11/5/2018	1733.82
M-162	827876.08	26719944.83	UMCf	1640.99	5/20/2014	1726.21
					1/13/2015	1724.62
					1/15/2015	1724.71
					5/20/2015	1724.46
					5/17/2016	1725.39
					5/1/2017	1725.56
					5/7/2018	1724.15
M-162D	827774.06	26719954.88	UMCf	1610.04	3/12/2015	1736.63
					2/9/2016	1736.81
					6/13/2016	1737.27
					9/12/2016	1737.36
					11/8/2016	1737.23

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
M-162D	827774.06	26719954.88	UMCf	1610.04	5/1/2017	1737.74
					11/6/2017	1737.34
					5/7/2018	1737.01
					11/5/2018	1736.77
M-163	827871.62	26719937.88	UMCf	1660.92	5/20/2014	1721.47
					1/27/2015	1719.64
					5/20/2015	1719.83
					5/17/2016	1720.89
					5/1/2017	1720.77
					5/7/2018	1719.55
M-164	827868.37	26719948.34	UMCf	1680.46	5/19/2014	1713.89
					1/28/2015	1712.48
					5/20/2015	1712.64
					5/17/2016	1713.45
					5/1/2017	1713.43
					5/7/2018	1712.61
M-165	828699.53	26720052.05	UMCf	1626.92	5/21/2014	1721.69
					1/21/2015	1722.28
					5/26/2015	1721.93
					5/16/2016	1721.82
					5/1/2017	1721.56
					5/7/2018	1721.79
M-166	827228.06	26719778.37	Qal/UMCf	1724.82	2/5/2014	1723.44
					5/5/2014	1723.05
					8/8/2014	1721.68
					12/2/2014	1723.35
					2/16/2015	1721.33
					5/4/2015	1721.37
					8/3/2015	1721.20
					11/2/2015	1722.01
					2/19/2016	1722.24
					5/3/2016	1721.87
					8/11/2016	1722.60
					11/8/2016	1722.79
					2/6/2017	1722.79
					5/1/2017	1723.10
					8/14/2017	1722.15
					11/6/2017	1721.58
11/6/2017	1721.48					
2/15/2018	1720.95					
5/7/2018	1720.21					
8/6/2018	1719.89					
11/5/2018	1719.97					

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
M-167	827335.79	26719786.68	Qal/UMCf	1725.08	2/5/2014	1724.66
					5/5/2014	1723.92
					8/8/2014	1721.53
					12/2/2014	1721.27
					2/16/2015	1721.26
					5/4/2015	1721.14
					8/3/2015	1720.96
					11/2/2015	1722.84
					2/19/2016	1722.53
					5/3/2016	1721.45
					8/11/2016	1722.23
					11/8/2016	1722.80
					12/7/2016	1722.02
					1/5/2017	1722.80
					2/6/2017	1728.68
					3/7/2017	1722.94
					4/4/2017	1723.04
					5/1/2017	1722.69
					6/9/2017	1721.97
					7/5/2017	1721.87
					8/14/2017	1721.76
					9/6/2017	1721.53
					10/4/2017	1721.14
					11/6/2017	1721.39
					11/6/2017	1721.49
					12/8/2017	1721.26
					1/3/2018	1721.01
					2/15/2018	1720.96
3/9/2018	1720.91					
4/3/2018	1720.79					
5/7/2018	1720.27					
6/1/2018	1720.18					
7/13/2018	1720.09					
8/6/2018	1720.19					
9/6/2018	1719.97					
10/16/2018	1720.17					
11/5/2018	1720.16					
12/6/2018	1720.16					
M-168	827406.15	26719787.39	Qal/UMCf	1722.12	2/5/2014	1725.54
					5/5/2014	1724.81
					8/8/2014	1722.50
					12/2/2014	1722.20
					2/16/2015	1722.27

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
M-168	827406.15	26719787.39	Qal/UMCf	1722.12	5/4/2015	1722.05
					8/3/2015	1721.82
					11/2/2015	1722.70
					2/19/2016	1722.23
					5/3/2016	1722.32
					8/11/2016	1722.98
					11/8/2016	1723.11
					2/6/2017	1722.98
					5/1/2017	1723.00
					8/14/2017	1722.26
					11/6/2017	1721.85
					11/6/2017	1721.94
					2/15/2018	1721.80
					5/7/2018	1721.18
8/6/2018	1720.74					
11/5/2018	1720.93					
M-169	827467.43	26719785.56	Qal/UMCf	1720.99	2/5/2014	1725.36
					5/5/2014	1724.50
					8/8/2014	1721.91
					12/2/2014	1721.68
					2/16/2015	1721.80
					5/4/2015	1721.50
					8/3/2015	1720.90
					11/2/2015	1722.68
					2/19/2016	1723.42
					5/20/2016	1721.67
					8/11/2016	1722.89
					11/8/2016	1722.31
					2/6/2017	1723.15
					5/1/2017	1723.09
					8/14/2017	1721.74
11/6/2017	1721.11					
11/7/2017	1721.15					
2/15/2018	1721.21					
5/7/2018	1720.50					
8/6/2018	1720.28					
11/5/2018	1720.25					
M-170	827575.63	26719795.30	Qal/UMCf	1720.85	2/5/2014	1725.65
					5/5/2014	1724.37
					8/8/2014	1721.30
					12/2/2014	1720.90
					2/16/2015	1721.45
5/4/2015	1720.97					

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
M-170	827575.63	26719795.30	Qal/UMCf	1720.85	8/3/2015	1720.57
					11/2/2015	1721.50
					2/19/2016	1723.44
					5/20/2016	1721.79
					8/11/2016	1723.21
					11/8/2016	1721.52
					12/7/2016	1722.03
					1/5/2017	1722.75
					2/6/2017	1723.29
					3/7/2017	1723.35
					4/4/2017	1723.45
					5/1/2017	1723.09
					6/9/2017	1722.77
					7/5/2017	1722.75
					8/14/2017	1721.70
					9/6/2017	1721.57
					10/4/2017	1720.62
					11/6/2017	1721.04
					11/7/2017	1721.15
					12/8/2017	1720.95
					1/3/2018	1721.16
					2/15/2018	1721.48
					3/9/2018	1721.40
4/3/2018	1721.04					
5/7/2018	1720.64					
6/1/2018	1720.55					
7/13/2018	1720.45					
8/6/2018	1720.38					
9/6/2018	1720.37					
10/16/2018	1720.64					
11/5/2018	1720.41					
12/6/2018	1720.42					
M-172	827893.02	26719834.69	Qal/UMCf	1718.71	2/5/2014	1724.48
					5/5/2014	1723.42
					8/8/2014	1717.45
					12/2/2014	1717.16
					2/16/2015	1717.13
					5/4/2015	1717.06
					8/3/2015	1716.95
					11/2/2015	1718.02
					2/19/2016	1721.16
5/20/2016	1719.86					
8/11/2016	1720.43					

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
M-172	827893.02	26719834.69	Qal/UMCf	1718.71	11/8/2016	1717.79
					12/7/2016	1717.79
					1/5/2017	1718.86
					2/6/2017	1720.02
					3/7/2017	1720.46
					4/4/2017	1720.68
					5/1/2017	1720.24
					6/9/2017	1720.31
					7/5/2017	1720.06
					8/14/2017	1719.36
					9/6/2017	1718.68
					10/4/2017	1717.83
					11/6/2017	1718.10
					11/8/2017	1718.24
					12/8/2017	1717.46
					1/3/2018	1717.50
					2/15/2018	1718.36
					3/9/2018	1718.49
					4/3/2018	1717.96
					5/7/2018	1717.35
6/1/2018	1717.20					
7/13/2018	1717.12					
8/6/2018	1717.18					
9/6/2018	1717.05					
10/16/2018	1717.08					
11/5/2018	1716.99					
12/6/2018	1716.99					
M-173	828180.01	26719874.39	Qal/UMCf	1717.53	2/5/2014	1722.40
					5/5/2014	1721.75
					8/8/2014	1721.30
					12/2/2014	1721.32
					2/16/2015	1720.52
					5/4/2015	1720.36
					8/3/2015	1720.20
					11/2/2015	1720.86
					2/19/2016	1720.52
					5/20/2016	1721.08
					8/11/2016	1721.63
					11/8/2016	1720.47
					12/7/2016	1721.56
					1/5/2017	1720.79
2/6/2017	1721.24					
3/7/2017	1721.56					

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
M-173	828180.01	26719874.39	Qal/UMCf	1717.53	4/4/2017	1721.76
					5/1/2017	1721.52
					6/9/2017	1721.44
					7/5/2017	1721.66
					8/14/2017	1721.11
					9/6/2017	1721.14
					10/4/2017	1721.07
					11/6/2017	1721.21
					11/8/2017	1721.25
					12/8/2017	1721.24
					1/3/2018	1721.45
					2/15/2018	1722.13
					3/9/2018	1722.30
					4/3/2018	1722.38
					5/7/2018	1721.36
					6/1/2018	1721.01
					7/13/2018	1720.50
8/6/2018	1720.61					
9/6/2018	1720.37					
10/16/2018	1720.38					
11/5/2018	1720.32					
12/6/2018	1720.30					
M-174	828377.26	26719901.68	Qal/UMCf	1719.61	2/7/2014	1722.37
					5/13/2014	1722.00
					8/11/2014	1722.96
					12/2/2014	1722.96
					2/17/2015	1721.72
					5/22/2015	1721.54
					8/6/2015	1721.41
					11/6/2015	1721.68
					2/19/2016	1721.23
					5/24/2016	1721.99
					11/8/2016	1721.66
					2/6/2017	1722.09
					5/1/2017	1722.17
					8/14/2017	1721.78
					11/6/2017	1721.89
					11/8/2017	1721.94
					2/14/2018	1722.29
5/7/2018	1722.05					
8/6/2018	1721.66					
11/5/2018	1721.55					
M-175	828469.49	26719909.88	Qal/UMCf	1719.22	2/7/2014	1721.72

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
M-175	828469.49	26719909.88	Qal/UMCf	1719.22	5/13/2014	1721.53
					8/11/2014	1723.56
					12/2/2014	1723.66
					2/17/2015	1721.41
					5/22/2015	1721.18
					8/6/2015	1721.13
					11/6/2015	1721.34
					2/19/2016	1720.91
					5/24/2016	1721.45
					8/11/2016	1721.68
					11/8/2016	1721.29
					12/7/2016	1721.23
					1/5/2017	1721.49
					2/6/2017	1721.56
					3/7/2017	1721.64
					4/4/2017	1721.71
					5/1/2017	1721.65
					6/12/2017	1721.61
					7/5/2017	1721.57
					8/14/2017	1721.30
					9/6/2017	1721.50
					10/4/2017	1721.24
					11/6/2017	1721.46
					11/8/2017	1721.51
					12/8/2017	1721.45
					1/3/2018	1721.54
					2/14/2018	1721.72
					3/9/2018	1721.73
4/3/2018	1721.72					
5/7/2018	1721.66					
6/1/2018	1721.55					
7/13/2018	1721.32					
8/6/2018	1721.35					
9/6/2018	1721.31					
10/16/2018	1721.28					
11/5/2018	1721.29					
12/6/2018	1721.29					
M-176	828584.65	26719946.78	Qal	1720.94	2/7/2014	1721.42
					5/13/2014	1721.39
					8/11/2014	1723.71
					12/2/2014	1723.79
					2/17/2015	1721.33
5/22/2015	1721.13					

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
M-176	828584.65	26719946.78	Qal	1720.94	8/6/2015	1721.12
					11/6/2015	1721.20
					2/18/2016	1721.20
					5/24/2016	1721.40
					8/11/2016	1721.60
					11/8/2016	1721.17
					2/6/2017	1721.42
					5/1/2017	1721.51
					8/14/2017	1721.28
					11/6/2017	1721.39
					11/8/2017	1721.46
					2/14/2018	1721.59
					5/7/2018	1721.53
8/6/2018	1721.47					
11/5/2018	1721.21					
M-177	828723.17	26719964.47	Qal/UMCf	1718.91	2/7/2014	1721.59
					5/3/2014	1721.61
					8/11/2014	1722.64
					12/2/2014	1722.77
					2/17/2015	1721.69
					5/22/2015	1721.50
					8/6/2015	1721.39
					11/6/2015	1721.31
					2/18/2016	1721.47
					5/24/2016	1721.73
					8/11/2016	1722.41
					11/8/2016	1721.38
					12/7/2016	1721.32
					1/5/2017	1721.56
					2/6/2017	1721.69
					3/7/2017	1721.70
					4/4/2017	1721.67
					5/1/2017	1721.51
					6/12/2017	1721.63
					7/5/2017	1721.80
8/14/2017	1721.61					
9/6/2017	1721.77					
10/4/2017	1721.55					
11/6/2017	1721.76					
11/8/2017	1722.01					
12/8/2017	1721.77					
1/3/2018	1721.84					
2/14/2018	1722.02					

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
M-177	828723.17	26719964.47	Qal/UMCf	1718.91	3/9/2018	1722.02
					4/3/2018	1722.00
					5/7/2018	1721.94
					6/1/2018	1721.91
					7/13/2018	1721.42
					8/6/2018	1721.48
					9/6/2018	1721.43
					10/16/2018	1721.40
					11/5/2018	1721.41
12/6/2018	1721.41					
M-179	828315.64	26720001.56	Qal/xMCf/UMCf	1704.16	11/3/2017	1737.99
M-181	828814.45	26719578.25	UMCf	1649.66	5/21/2014	1733.73
					1/19/2015	1733.79
					1/21/2015	1733.71
					5/26/2015	1733.26
					5/16/2016	1733.19
					5/1/2017	1733.49
5/7/2018	1733.59					
M-182	828813.66	26719587.42	UMCf	1674.72	5/20/2014	1728.43
					1/28/2015	1728.41
					5/26/2015	1728.00
					5/16/2016	1728.01
					6/26/2017	1728.31
5/7/2018	1730.46					
M-186	829020.45	26718354.57	UMCf	1688.30	5/22/2014	1755.35
					1/20/2015	1754.71
					1/26/2015	1754.60
					5/7/2015	1754.35
					5/26/2015	1754.25
					2/10/2016	1753.81
					5/16/2016	1754.25
					6/15/2016	1754.38
					9/13/2016	1755.65
5/1/2017	1755.67					
5/7/2018	1755.38					
M-186D	829025.47	26718347.71	UMCf	1635.16	3/11/2015	1760.34
					2/10/2016	1761.88
					6/14/2016	1766.81
					9/13/2016	1768.51
					11/8/2016	1768.96
					5/1/2017	1769.57
11/3/2017	1769.66					
11/6/2017	1767.88					

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
M-186D	829025.47	26718347.71	UMCf	1635.16	5/7/2018	1770.05
					11/5/2018	1769.45
M-189	828371.68	26717101.15	UMCf	1770.71	1/19/2015	1777.56
					3/10/2015	1777.42
					2/10/2016	1777.07
					6/16/2016	1776.98
					11/8/2016	1778.83
					5/2/2017	1779.01
					11/6/2017	1778.53
					5/7/2018	1777.56
M-190	828816.08	26717162.21	UMCf	1770.95	1/19/2015	1777.26
					3/10/2015	1777.16
					2/11/2016	1776.19
					6/15/2016	1776.31
					9/13/2016	1777.72
					11/8/2016	1777.98
					5/2/2017	1778.11
					11/6/2017	1777.59
M-191	828087.37	26717253.90	UMCf	1771.14	2/2/2015	1774.49
					3/10/2015	1774.42
					2/11/2016	1774.35
					6/15/2016	1774.37
					9/14/2016	1775.51
					11/8/2016	1775.83
					5/2/2017	1776.09
					11/7/2017	1775.59
M-192	828393.70	26717297.61	UMCf	1770.69	2/2/2015	1774.92
					3/11/2015	1774.98
					2/11/2016	1774.32
					6/16/2016	1774.62
					9/14/2016	1775.74
					11/8/2016	1776.05
					5/2/2017	1776.30
					11/6/2017	1775.63
M-193	828805.62	26717398.60	UMCf	1770.58	5/7/2018	1774.12
					11/5/2018	1774.59
					11/19/2015	1773.84
					3/11/2015	1773.72

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
M-193	828805.62	26717398.60	UMCf	1770.58	2/11/2016	1773.08
					6/15/2016	1773.16
					9/13/2016	1774.54
					11/17/2016	1774.66
					5/12/2017	1774.69
					11/6/2017	1774.14
					5/7/2018	1773.86
11/5/2018	1773.35					
M-195	828628.33	26717837.42	UMCf	1696.15	10/31/2017	1765.25
M-196	828400.10	26717993.21	UMCf	1701.79	10/31/2017	1761.46
M-197	828948.18	26718035.14	UMCf	1691.22	10/31/2017	1762.03
M-198	828454.23	26718193.69	UMCf	1689.99	10/31/2017	1756.58
M-199	828562.90	26718384.56	UMCf	1686.34	10/31/2017	1750.78
M-200	828830.26	26718880.05	UMCf	1668.33	11/1/2017	1752.30
M-201	826921.55	26718487.14	UMCf	1715.21	10/19/2017	1746.25
M-202	826856.19	26719081.31	UMCf	1717.82	10/20/2017	1734.58
M-203	826279.27	26720488.82	UMCf	1688.39	10/20/2017	1708.08
M-204	826060.48	26720995.04	UMCf	1627.57	11/2/2017	1702.72
M-205	826457.24	26720961.49	UMCf	1691.95	11/3/2017	1700.04
M-206	826915.80	26720918.32	UMCf	1691.10	11/3/2017	1699.11
M-207	827341.58	26720881.05	Qal/UMCf	1694.55	11/3/2017	1695.42
M-208	827657.20	26720850.39	Qal/UMCf	1694.32	11/6/2017	1694.43
M-209	827667.40	26720849.46	UMCf	1674.24	11/6/2017	1694.34
M-210	827677.41	26720849.08	UMCf	1654.31	11/6/2017	1694.47
M-211	828018.47	26720816.38	Qal/UMCf	1695.47	11/6/2017	1692.87
M-212	828028.20	26720814.73	UMCf	1665.54	11/6/2017	1693.23
M-213	828038.26	26720813.88	UMCf	1625.59	11/7/2017	1693.89
M-214	828348.83	26720699.96	Qal/UMCf	1701.19	11/3/2017	1696.27
M-215	827626.89	26720356.28	UMCf	1697.11	10/23/2017	1704.47
					11/2/2017	1705.46
M-216	827874.36	26720336.24	UMCf	1697.15	11/2/2017	1706.50
M-217	827888.23	26720334.99	UMCf	1672.11	11/2/2017	1706.74
M-218	827902.51	26720333.89	UMCf	1627.04	11/2/2017	1717.43
M-219	828200.57	26720311.28	UMCf	1697.50	10/23/2017	1706.56
M-220	828714.00	26720372.16	UMCf	1682.34	11/2/2017	1709.32
M-221	827921.37	26719758.81	UMCf	1672.32	10/17/2017	1721.85
M-222	827932.21	26719761.16	UMCf	1647.57	10/17/2017	1726.82
M-223	826881.59	26718329.67	UMCf	1732.28	11/7/2017	1748.61
M-224R	826889.38	26718318.02	UMCf	1710.24	4/13/2018	1748.98
M-225	826900.67	26718328.70	UMCf	1669.89	11/7/2017	1752.81
M-225R	826902.09	26718318.23	UMCf	1670.29	4/13/2018	1751.72
M-226	826918.76	26718092.20	UMCf	1738.86	10/23/2017	1755.02
M-227	826917.56	26718101.72	UMCf	1716.28	10/23/2017	1754.58

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
M-227R	826926.18	26718103.46	UMCf	1716.32	4/13/2018	1754.73
M-228	826916.53	26718111.82	UMCf	1681.17	10/19/2017	1755.72
M-228R	826924.83	26718112.40	UMCf	1680.18	4/13/2018	1756.68
M-229	827086.95	26718914.25	UMCf	1709.95	11/7/2017	1739.66
M-230	827096.04	26718917.59	UMCf	1677.50	11/7/2017	1739.75
M-231	827105.43	26718922.06	UMCf	1647.48	11/7/2017	1744.81
M-232	827400.86	26718258.66	UMCf	1673.36	11/6/2017	1752.36
M-233	827763.29	26718454.52	UMCf	1669.40	11/1/2017	1754.39
M-234	826979.25	26717762.10	UMCf	1719.51	11/6/2017	1761.31
M-235	827152.10	26717567.87	UMCf	1702.53	11/6/2017	1765.35
M-236	827361.64	26717824.98	UMCf	1702.85	11/7/2017	1761.64
M-237	827336.81	26717397.48	UMCf	1760.08	11/6/2017	1768.69
M-238	827360.46	26717394.02	UMCf	1713.08	11/6/2017	1769.03
M-239	827750.78	26717451.14	UMCf	1738.46	11/1/2017	1771.46
M-240	827769.53	26717455.23	UMCf	1708.53	11/1/2017	1771.37
M-242	826141.84	26720223.63	UMCf	1690.61	10/27/2017	1710.43
M-243	826153.06	26720225.17	UMCf	1671.02	10/27/2017	1710.70
M-244	826163.98	26720226.18	UMCf	1638.63	10/27/2017	1711.80
M-245	826443.78	26720216.20	UMCf	1694.16	10/27/2017	1714.84
M-246	826454.71	26720216.81	UMCf	1671.63	10/27/2017	1714.53
MC-3	825209.51	26721410.04	Qal	1685.54	5/9/2014	1691.26
					2/2/2015	1691.18
					4/13/2015	1691.26
					5/27/2015	1691.22
					6/30/2015	1681.34
					10/5/2015	1691.04
					4/5/2016	1691.17
					5/12/2016	1691.11
					10/4/2016	1691.25
					4/4/2017	1691.57
					5/1/2017	1691.74
					10/5/2017	1691.85
					4/3/2018	1691.57
5/7/2018	1691.91					
5/22/2018	1691.79					
MC-6	825207.81	26722160.32	Qal	1683.36	5/9/2014	1683.15
					4/13/2015	1682.80
					5/27/2015	1682.87
					10/5/2015	1682.53
					4/5/2016	1682.44
					5/13/2016	1682.64
					10/4/2016	1682.44
4/4/2017	1682.66					

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
MC-6	825207.81	26722160.32	Qal	1683.36	5/1/2017	1684.01
					10/4/2017	1683.40
					4/2/2018	1682.13
					5/7/2018	1685.30
					5/23/2018	1684.13
MC-7	824932.95	26721865.47	Qal	1682.58	5/9/2014	1690.95
					4/13/2015	1690.45
					5/27/2015	1690.51
					10/5/2015	1690.19
					4/4/2016	1690.18
					5/12/2016	1690.34
					10/4/2016	1690.22
					4/3/2017	1690.46
					5/1/2017	1690.71
					10/5/2017	1690.99
					4/3/2018	1690.11
5/7/2018	1691.54					
5/22/2018	1691.36					
MC-09R	825450.32	26721902.48	Qal	1684.57	4/13/2015	1685.15
					6/30/2015	1684.97
					10/5/2015	1684.72
					4/8/2016	1684.69
					10/4/2016	1684.67
					4/4/2017	1685.04
					10/4/2017	1685.71
					4/2/2018	1684.87
5/23/2018	1686.29					
MC-22	824434.73	26722340.91	Qal/UMCf	1683.84	4/13/2015	1691.88
					10/5/2015	1691.63
					4/4/2016	1691.68
					10/4/2016	1691.90
					4/4/2017	1692.27
					10/4/2017	1692.51
					4/2/2018	1692.52
5/23/2018	1692.13					
MC-24	824640.96	26722190.88	Qal/UMCf	1684.91	4/14/2015	1689.99
					10/5/2015	1689.77
					4/4/2016	1689.83
					10/4/2016	1689.99
					4/3/2017	1690.40
					10/5/2017	1690.65
					4/2/2018	1690.60
5/23/2018	1690.16					

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS AT CALIBRATION TARGETS (2014-2018)

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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 (ft amsl)
MC-25	824800.16	26722071.60	Qal/UMCf	1686.58	4/13/2015	1687.85
					10/5/2015	1687.62
					4/4/2016	1687.70
					10/4/2016	1687.75
					4/3/2017	1687.99
					10/4/2017	1688.37
					4/3/2018	1688.17
MC-26	825061.76	26721868.12	Qal/UMCf	1689.99	4/13/2015	1688.14
					10/5/2015	1688.05
					4/5/2016	1687.98
					10/4/2016	1687.92
					4/3/2017	1688.26
					4/28/2017	1688.31
					10/4/2017	1689.07
MC-27	825346.25	26721667.33	Qal/UMCf	1679.01	4/13/2015	1685.51
					10/5/2015	1685.05
					4/4/2016	1685.10
					10/4/2016	1685.10
					4/3/2017	1685.50
					10/5/2017	1686.18
					4/3/2018	1685.58
MC-28	825440.66	26721600.34	Qal/UMCf	1680.01	4/13/2015	1685.56
					10/5/2015	1685.12
					4/4/2016	1685.11
					10/4/2016	1685.06
					4/3/2017	1685.55
					10/4/2017	1686.14
					4/3/2018	1685.76
MC-29	825566.39	26721514.56	Qal/UMCf	1677.36	5/9/2014	1685.94
					2/5/2015	1687.12
					4/13/2015	1685.88
					5/27/2015	1685.92
					10/5/2015	1685.42
					4/4/2016	1685.48
					5/12/2016	1685.61
					10/4/2016	1685.42
					4/3/2017	1686.01
10/4/2017	1686.38					
4/3/2018	1686.22					

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
MC-29	825566.39	26721514.56	Qal/UMCf	1677.36	5/22/2018	1686.69
MC-30	825683.27	26721434.37	Qal/UMCf	1681.90	6/9/2014	1686.18
					4/13/2015	1686.27
					10/5/2015	1685.87
					4/4/2016	1685.88
					10/4/2016	1685.84
					4/3/2017	1686.49
					10/4/2017	1686.74
					4/3/2018	1686.67
MC-31	825826.57	26721329.84	Qal	1692.98	10/4/2017	1687.73
					4/2/2018	1687.73
					5/23/2018	1687.95
MC-33	824104.02	26721968.11	Qal	1692.92	4/14/2015	1696.17
					10/5/2015	1695.81
					4/4/2016	1695.80
					10/5/2016	1696.09
					4/3/2017	1696.70
					10/4/2017	1696.94
					4/3/2018	1696.87
5/23/2018	1696.84					
MC-37	824526.28	26722276.63	Qal	1680.80	4/13/2015	1691.29
					10/5/2015	1691.06
					4/5/2016	1691.14
					10/4/2016	1691.31
					4/3/2017	1691.66
					10/5/2017	1691.93
					4/2/2018	1691.92
5/23/2018	1691.52					
MC-38	824534.81	26722337.81	Qal	1682.79	4/13/2015	1690.72
					10/5/2015	1690.51
					4/4/2016	1690.58
					10/4/2016	1690.76
					4/3/2017	1691.07
					10/5/2017	1691.32
					4/3/2018	1691.27
					5/23/2018	1690.90
MC-40	825545.59	26721619.71	Qal	1680.37	4/13/2015	1685.88
					10/5/2015	1685.40
					4/4/2016	1685.45
					10/4/2016	1685.39
					4/3/2017	1685.94
					10/4/2017	1686.46

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
MC-40	825545.59	26721619.71	Qal	1680.37	4/3/2018	1686.24
					5/22/2018	1686.91
MC-41	825520.41	26721583.32	Qal	1679.86	4/13/2015	1685.83
					10/5/2015	1685.35
					4/4/2016	1685.38
					10/4/2016	1685.33
					4/3/2017	1685.87
					10/4/2017	1686.35
					4/3/2018	1686.10
5/22/2018	1686.76					
MC-42	825475.65	26721571.26	Qal	1675.73	4/13/2015	1685.57
					10/5/2015	1685.05
					4/4/2016	1684.98
					10/4/2016	1684.94
					4/3/2017	1685.46
					10/4/2017	1685.98
					4/3/2018	1685.73
5/22/2018	1686.41					
MC-45	825400.42	26722230.35	Qal	1676.74	5/9/2014	1681.85
					1/27/2015	1681.75
					4/13/2015	1681.65
					5/27/2015	1681.59
					10/5/2015	1681.30
					4/5/2016	1681.22
					5/12/2016	1681.32
					10/4/2016	1681.23
					4/4/2017	1681.50
					10/4/2017	1682.10
4/2/2018	1681.35					
5/23/2018	1682.60					
MC-47	824640.34	26722506.05	Qal/UMCf	1674.92	4/13/2015	1676.46
					10/5/2015	1676.20
					4/5/2016	1676.15
					10/4/2016	1676.15
					4/4/2017	1676.60
					10/4/2017	1677.53
					4/3/2018	1677.26
5/23/2018	1676.61					
MC-48	824952.84	26722431.11	Qal/UMCf	1680.20	4/13/2015	1679.29
					10/5/2015	1679.12
					4/5/2016	1679.11
					10/4/2016	1679.22
					4/4/2017	1679.29

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
MC-48	824952.84	26722431.11	Qal/UMCf	1680.20	10/4/2017	1679.64
					4/3/2018	1679.51
					5/23/2018	1679.41
MC-49	825182.72	26722360.49	Qal/UMCf	1677.33	4/13/2015	1680.27
					10/5/2015	1680.08
					4/5/2016	1679.97
					10/4/2016	1680.02
					4/4/2017	1680.16
					10/4/2017	1680.85
					4/3/2018	1680.11
5/23/2018	1681.12					
MC-50	825534.54	26722076.12	Qal	1675.53	5/9/2014	1682.95
					1/27/2015	1682.79
					4/13/2015	1682.78
					5/27/2015	1682.71
					10/5/2015	1682.37
					4/5/2016	1682.33
					5/12/2016	1682.40
					10/4/2016	1682.29
					4/4/2017	1682.66
					5/1/2017	1682.68
					10/4/2017	1683.24
					4/2/2018	1682.63
5/7/2018	1683.56					
5/23/2018	1683.70					
MC-51	825647.56	26721899.90	Qal	1678.43	5/9/2014	1684.15
					2/5/2015	1684.41
					4/13/2015	1684.00
					5/28/2015	1683.94
					10/5/2015	1683.58
					4/5/2016	1683.58
					5/12/2016	1683.70
					10/4/2016	1683.54
					4/4/2017	1684.02
					5/1/2017	1684.18
					10/4/2017	1684.42
					4/2/2018	1684.19
5/7/2018	1684.85					
5/23/2018	1684.91					
MC-52	825795.48	26721893.94	Qal/UMCf	1678.96	4/13/2015	1683.71
					10/5/2015	1683.30
					4/7/2016	1683.33
					10/4/2016	1683.24

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
MC-52	825795.48	26721893.94	Qal/UMCf	1678.96	4/4/2017	1683.76
					10/4/2017	1684.12
					4/2/2018	1684.01
					5/23/2018	1684.45
MC-53	825942.19	26721919.75	Qal/UMCf	1683.68	5/9/2014	1683.09
					1/22/2015	1682.91
					4/13/2015	1682.88
					5/28/2015	1682.83
					10/5/2015	1682.48
					4/5/2016	1682.49
					5/12/2016	1682.57
					10/4/2016	1682.42
					4/4/2017	1682.93
					5/1/2017	1682.98
					10/4/2017	1683.26
					4/2/2018	1683.19
					5/7/2018	1683.41
5/23/2018	1683.48					
MC-56	825598.45	26721782.19	Qal/UMCf	1680.18	4/14/2015	1685.25
					10/5/2015	1684.81
					4/5/2016	1684.80
					10/4/2016	1684.75
					4/4/2017	1685.29
					10/5/2017	1685.77
					4/2/2018	1685.47
5/23/2018	1686.14					
MC-58	824989.32	26722230.58	Qal/UMCf	1685.60	4/13/2015	1683.80
					10/5/2015	1683.67
					4/5/2016	1683.63
					10/4/2016	1683.71
					4/4/2017	1683.78
					10/4/2017	1684.41
					4/2/2018	1683.81
5/23/2018	1684.46					
MC-61	825702.25	26722433.39	Qal/UMCf	1667.89	6/30/2015	1672.84
					10/5/2015	1672.58
					4/4/2016	1672.43
					10/4/2016	1672.39
					4/4/2017	1672.69
					10/5/2017	1673.14
10/25/2017	1673.23					
MC-62	825880.72	26722727.61	Qal/UMCf	1661.50	10/25/2017	1667.68
MC-63	826321.93	26722717.05	Qal/UMCf	1659.43	10/25/2017	1667.13

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
MC-65	826119.15	26722421.12	Qal/UMCf	1673.23	5/8/2014	1671.56
					5/27/2015	1670.35
					6/30/2015	1670.19
					10/5/2015	1669.92
					4/4/2016	1669.55
					5/11/2016	1669.35
					10/4/2016	1669.31
					4/4/2017	1669.76
					5/1/2017	1670.00
					10/5/2017	1670.31
10/26/2017	1670.39					
MC-65R	826144.30	26722180.59	Qal/UMCf	1677.65	10/25/2017	1675.93
MC-65R2	826131.63	26722147.29	Qal/UMCf	1677.90	3/29/2018	1677.10
					5/7/2018	1677.05
MC-66	826221.26	26722558.00	Qal/UMCf	1663.73	10/26/2017	1668.57
MC-68	825303.86	26721729.23	Qal/UMCf	1683.05	4/13/2015	1685.87
					10/5/2015	1685.46
					4/4/2016	1685.43
					10/4/2016	1685.41
					4/3/2017	1685.79
					10/4/2017	1686.48
					4/3/2018	1685.64
					5/22/2018	1687.07
MC-69	825235.31	26721806.95	Qal/UMCf	1680.46	5/9/2014	1685.92
					4/13/2015	1686.05
					5/27/2015	1685.77
					10/5/2015	1685.65
					4/4/2016	1685.56
					5/13/2016	1685.56
					10/4/2016	1685.54
					4/3/2017	1685.93
					4/28/2017	1685.94
					5/1/2017	1685.94
					10/4/2017	1686.64
					4/3/2018	1685.49
5/7/2018	1687.33					
5/23/2018	1687.55					
MC-77	824228.29	26722198.17	Qal/xMCf	1679.55	4/13/2015	1694.52
					10/5/2015	1694.20
					4/5/2016	1694.23
					10/4/2016	1694.50
					4/4/2017	1694.98
					10/6/2017	1695.35

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
MC-77	824228.29	26722198.17	Qal/xMcf	1679.55	4/3/2018	1695.16
					5/23/2018	1694.94
MC-78	824546.42	26722002.33	Qal/UMcf	1677.63	4/13/2015	1693.40
					10/5/2015	1693.11
					4/5/2016	1693.15
					10/4/2016	1693.39
					4/3/2017	1693.90
					10/4/2017	1694.21
					4/3/2018	1694.01
5/23/2018	1693.81					
MC-81	824637.59	26721548.31	Qal/UMcf	1693.58	4/13/2015	1696.76
					10/5/2015	1696.43
					4/5/2016	1696.48
					10/4/2016	1696.73
					4/4/2017	1697.25
					10/6/2017	1697.76
					4/3/2018	1697.45
5/23/2018	1697.43					
MC-83	824543.21	26722196.39	Qal/UMcf	1679.73	4/13/2015	1691.96
					10/5/2015	1691.69
					4/4/2016	1691.73
					10/4/2016	1691.93
					4/3/2017	1692.30
					10/5/2017	1692.58
					4/2/2018	1692.53
5/23/2018	1692.15					
MC-84	824413.48	26722287.11	Qal/UMcf	1679.23	4/13/2015	1692.51
					10/5/2015	1692.24
					4/4/2016	1692.29
					10/4/2016	1692.50
					4/3/2017	1692.91
					10/4/2017	1693.20
					4/2/2018	1693.17
5/22/2018	1692.80					
MC-87	824735.41	26722276.80	Qal/UMcf	1680.52	4/13/2015	1685.65
					10/5/2015	1685.49
					4/5/2016	1685.47
					10/4/2016	1685.57
					4/4/2017	1685.74
					10/4/2017	1686.01
					4/2/2018	1686.17
5/23/2018	1685.49					
MC-89	824948.93	26722120.35	Qal/UMcf	1683.98	4/13/2015	1688.61

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
MC-89	824948.93	26722120.35	Qal/UMCf	1683.98	10/5/2015	1688.41
					4/5/2016	1688.46
					10/4/2016	1688.50
					4/4/2017	1688.56
					10/4/2017	1689.26
					4/2/2018	1688.74
					5/23/2018	1689.41
MC-90	824767.77	26722307.45	Qal/UMCf	1679.07	4/13/2015	1683.97
					10/5/2015	1683.71
					4/5/2016	1683.75
					10/4/2016	1683.85
					4/4/2017	1683.98
					10/4/2017	1684.31
					4/2/2018	1684.42
5/23/2018	1683.83					
MC-92	825467.59	26722035.56	Qal/UMCf	1668.44	4/13/2015	1684.32
					10/5/2015	1683.84
					4/5/2016	1683.76
					10/4/2016	1683.76
					4/4/2017	1684.09
					10/4/2017	1684.76
					4/2/2018	1683.91
5/23/2018	1685.37					
MC-93	825948.58	26721673.10	Qal/UMCf	1680.96	5/9/2014	1685.55
					2/5/2015	1685.48
					4/13/2015	1685.16
					5/28/2015	1685.08
					10/5/2015	1684.71
					4/5/2016	1684.74
					5/13/2016	1684.79
					10/4/2016	1684.65
					4/4/2017	1685.25
					5/1/2017	1685.32
					10/4/2017	1685.60
					4/2/2018	1685.58
5/7/2018	1685.76					
5/23/2018	1685.90					
MC-94	825912.02	26721595.27	Qal/UMCf	1683.86	4/13/2015	1685.67
					10/5/2015	1685.21
					4/5/2016	1685.23
					10/4/2016	1685.15
					4/4/2017	1685.79
10/4/2017	1686.10					

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
MC-94	825912.02	26721595.27	Qal/UMCf	1683.86	4/2/2018	1686.11
					5/23/2018	1686.42
MC-95	825642.30	26721800.45	Qal/UMCf	1673.73	4/13/2015	1685.16
					10/5/2015	1684.70
					4/5/2016	1684.72
					10/4/2016	1684.67
					4/4/2017	1685.21
					10/4/2017	1685.59
					4/2/2018	1685.42
MC-96	825403.16	26721981.96	Qal/UMCf	1672.46	4/13/2015	1684.84
					10/5/2015	1684.43
					4/5/2016	1684.35
					10/4/2016	1684.34
					4/4/2017	1684.69
					10/4/2017	1685.39
					4/2/2018	1684.43
MC-97	825838.31	26721425.70	Qal/UMCf	1687.05	5/9/2014	1682.37
					6/9/2014	1686.78
					2/5/2015	1682.93
					4/13/2015	1686.86
					5/28/2015	1682.16
					10/5/2015	1686.43
					4/4/2016	1686.44
					10/4/2016	1686.40
					4/3/2017	1687.06
					5/2/2017	1686.98
					10/4/2017	1687.29
					4/2/2018	1687.33
MC-98	825696.66	26721567.14	Qal/UMCf	1681.07	4/14/2015	1685.99
					10/5/2015	1685.52
					4/4/2016	1685.56
					10/4/2016	1685.50
					4/3/2017	1686.13
					10/4/2017	1686.46
					4/3/2018	1686.38
MC-100	825791.43	26721421.10	Qal/UMCf	1678.41	5/23/2018	1686.86
					6/9/2014	1686.61
					4/13/2015	1686.68
					10/5/2015	1686.26

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
MC-100	825791.43	26721421.10	Qal/UMCf	1678.41	4/4/2016	1686.27
					10/4/2016	1686.24
					4/3/2017	1686.95
					4/28/2017	1686.88
					10/4/2017	1687.12
					4/2/2018	1687.15
					5/23/2018	1687.42
MC-101	825609.34	26721549.14	Qal/UMCf	1678.55	4/13/2015	1685.97
					10/5/2015	1685.51
					4/4/2016	1685.55
					10/4/2016	1685.50
					4/3/2017	1686.14
					10/4/2017	1686.51
					4/3/2018	1686.37
5/22/2018	1686.88					
MC-102	825360.37	26721725.67	Qal/UMCf	1674.43	4/13/2015	1685.77
					10/5/2015	1685.27
					4/4/2016	1685.27
					10/4/2016	1685.22
					4/3/2017	1685.63
					10/4/2017	1686.31
					4/3/2018	1685.63
5/22/2018	1686.65					
MC-103	825009.31	26721975.65	Qal/UMCf	1680.85	4/13/2015	1690.69
					10/5/2015	1690.34
					4/4/2016	1690.33
					10/4/2016	1690.09
					4/3/2017	1690.46
					10/5/2017	1691.09
					4/3/2018	1688.62
5/22/2018	1693.17					
MC-104	824749.04	26722167.95	Qal/UMCf	1680.24	4/14/2015	1686.94
					10/5/2015	1686.68
					4/5/2016	1686.76
					10/4/2016	1686.87
					4/4/2017	1687.16
					10/4/2017	1687.51
					4/2/2018	1687.58
5/22/2018	1686.89					
MC-107	824806.79	26722013.15	Qal/xMCf/UMCf	1686.36	4/13/2015	1688.11
					10/5/2015	1687.88
					4/4/2016	1687.73
					10/4/2016	1687.94

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
MC-107	824806.79	26722013.15	Qal/xMCf/UMCf	1686.36	4/3/2017	1688.12
					10/4/2017	1688.11
					4/3/2018	1687.84
					5/22/2018	1687.95
MC-108	825114.14	26721984.16	Qal/xMCf/UMCf	1686.69	4/13/2015	1688.35
					10/5/2015	1688.18
					4/5/2016	1688.14
					10/4/2016	1687.90
					4/3/2017	1688.68
					10/4/2017	1689.47
					4/2/2018	1685.80
					5/22/2018	1692.09
MC-109	825294.38	26721609.56	Qal/UMCf	1684.57	4/13/2015	1686.34
					10/5/2015	1685.93
					4/4/2016	1685.94
					10/4/2016	1685.98
					4/3/2017	1686.38
					10/4/2017	1687.01
					4/3/2018	1686.44
MC-110	825685.21	26721369.21	Qal/xMCf/UMCf	1687.52	6/9/2014	1686.80
					4/13/2015	1686.86
					10/5/2015	1686.50
					4/4/2016	1686.51
					10/4/2016	1686.48
					4/3/2017	1687.15
					10/4/2017	1687.38
					4/3/2018	1687.28
5/23/2018	1687.91					
MC-111	825942.13	26721355.46	Qal/UMCf	1692.09	6/9/2014	1687.66
					4/13/2015	1687.69
					10/5/2015	1687.32
					4/5/2016	1687.36
					10/4/2016	1687.26
					4/3/2017	1687.99
					10/4/2017	1688.19
					4/2/2018	1688.29
5/23/2018	1688.41					
MC-113	825538.88	26722279.41	Qal	1673.44	4/13/2015	1679.56
					10/5/2015	1679.27
					4/4/2016	1679.15
					10/4/2016	1679.16
					4/4/2017	1679.49

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
MC-113	825538.88	26722279.41	Qal	1673.44	10/5/2017	1680.01
					4/3/2018	1679.50
					5/23/2018	1680.39
MC-114	825835.01	26722158.53	Qal/xMCf	1675.48	4/13/2015	1678.57
					10/5/2015	1678.24
					4/4/2016	1678.16
					10/4/2016	1678.12
					4/4/2017	1678.50
					10/5/2017	1678.88
					4/3/2018	1678.76
5/23/2018	1679.13					
MC-116	824353.20	26722324.01	Qal	1684.44	4/13/2015	1692.77
					10/5/2015	1692.50
					4/4/2016	1692.53
					10/4/2016	1692.77
					4/3/2017	1693.18
					10/5/2017	1693.48
					4/2/2018	1693.42
5/22/2018	1693.06					
MC-118	824613.14	26722149.01	Qal	1683.11	4/13/2015	1690.70
					10/5/2015	1690.45
					4/4/2016	1690.51
					10/7/2016	1690.78
					4/3/2017	1691.11
					10/4/2017	1691.37
					4/2/2018	1691.29
5/22/2018	1690.88					
MC-119	824871.63	26721975.15	Qal	1689.58	4/13/2015	1689.04
					10/5/2015	1688.80
					4/5/2016	1688.81
					10/4/2016	1688.82
					4/3/2017	1688.97
					10/4/2017	1689.49
					4/2/2018	1688.90
5/22/2018	1689.64					
MC-120	824999.34	26721888.67	Qal	1691.00	4/13/2015	1689.77
					10/5/2015	1689.54
					4/4/2016	1689.52
					10/4/2016	1689.50
					4/3/2017	1689.74
					10/4/2017	1690.39
					4/3/2018	1688.96
5/25/2018	1691.51					

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
MC-121	825394.54	26721616.12	Qal	1684.57	4/13/2015	1685.61
					10/5/2015	1685.16
					4/4/2016	1685.17
					10/4/2016	1685.20
					4/3/2017	1685.60
					10/4/2017	1686.22
					4/3/2018	1685.80
MC-122	825537.97	26721516.01	Qal	1684.04	4/13/2015	1685.70
					10/5/2015	1685.23
					4/4/2016	1685.28
					10/4/2016	1685.22
					4/3/2017	1685.76
					10/4/2017	1688.18
					10/10/2017	1686.32
MC-123	825724.79	26721388.46	Qal	1693.82	4/13/2015	1686.50
					10/5/2015	1686.12
					4/4/2016	1686.13
					10/4/2016	1686.12
					4/3/2017	1686.79
					4/28/2017	1686.71
					10/4/2017	1686.96
MC-124	824705.43	26722087.77	Qal	1682.08	4/13/2015	1689.60
					10/5/2015	1689.40
					4/4/2016	1689.48
					10/4/2016	1689.61
					4/3/2017	1690.08
					10/4/2017	1689.88
					4/2/2018	1690.03
MC-125	824944.69	26721928.05	Qal	1686.18	4/13/2015	1689.79
					10/5/2015	1689.53
					4/4/2016	1689.54
					10/4/2016	1689.52
					4/3/2017	1689.71
					10/4/2017	1690.41
					4/2/2018	1689.22
MC-126	825207.65	26721746.21	Qal	1688.03	4/13/2015	1685.98

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS AT CALIBRATION TARGETS (2014-2018)

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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 (ft amsl)
MC-126	825207.65	26721746.21	Qal	1688.03	10/5/2015	1685.61
					4/4/2016	1685.52
					10/4/2016	1685.51
					4/3/2017	1684.91
					10/4/2017	1686.60
					10/10/2017	1686.66
					4/3/2018	1685.56
5/25/2018	1687.45					
MC-127	825805.48	26721281.42	Qal	1694.22	4/13/2015	1688.19
					10/5/2015	1687.85
					4/4/2016	1687.94
					10/4/2016	1687.88
					4/3/2017	1688.57
					10/4/2017	1688.74
					4/2/2018	1688.68
5/23/2018	1688.86					
MC-128	824642.14	26722133.70	Qal	1685.46	4/13/2015	1690.41
					10/5/2015	1690.19
					4/4/2016	1690.27
					10/4/2016	1690.42
					4/3/2017	1690.87
					10/4/2017	1691.11
					4/2/2018	1691.01
5/22/2018	1690.63					
MC-129	824677.40	26722106.50	Qal	1679.64	4/13/2015	1689.94
					10/5/2015	1689.75
					4/4/2016	1689.82
					10/4/2016	1689.97
					4/3/2017	1690.51
					10/4/2017	1690.79
					4/2/2018	1690.75
5/22/2018	1690.24					
MC-130	824765.15	26722044.13	Qal	1688.34	4/13/2015	1687.46
					10/5/2015	1687.26
					4/4/2016	1687.35
					10/4/2016	1687.36
					4/3/2017	1687.64
					10/5/2017	1687.82
					4/2/2018	1687.84
5/22/2018	1687.64					
MC-132	824859.60	26721980.88	Qal	1681.42	4/13/2015	1688.33
					10/5/2015	1688.14
					4/4/2016	1688.14

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
MC-132	824859.60	26721980.88	Qal	1681.42	10/4/2016	1688.13
					4/3/2017	1688.24
					10/4/2017	1688.66
					4/2/2018	1688.79
					5/22/2018	1688.84
MC-133	825124.14	26721799.17	Qal	1681.75	4/13/2015	1685.89
					10/5/2015	1685.52
					4/4/2016	1685.22
					10/4/2016	1685.41
					4/4/2017	1685.65
					4/28/2017	1685.69
					10/4/2017	1686.40
					4/3/2018	1685.24
5/22/2018	1687.44					
MC-134	825323.77	26721661.56	Qal	1683.33	4/13/2015	1684.43
					10/5/2015	1683.35
					4/4/2016	1683.72
					10/4/2016	1684.44
					4/3/2017	1684.01
					10/4/2017	1685.59
					10/10/2017	1685.70
					4/3/2018	1683.51
5/22/2018	1685.68					
MC-135	825405.38	26721606.63	Qal	1685.21	4/13/2015	1685.20
					10/5/2015	1684.89
					4/4/2016	1684.93
					10/4/2016	1684.94
					4/3/2017	1685.29
					10/4/2017	1685.90
					4/3/2018	1685.52
5/22/2018	1686.31					
MC-136	825522.83	26721525.42	Qal	1682.51	4/13/2015	1685.44
					10/5/2015	1684.98
					4/4/2016	1685.05
					10/4/2016	1685.03
					4/3/2017	1685.48
					10/4/2017	1685.89
					4/3/2018	1685.69
5/22/2018	1686.21					
MC-137	825612.30	26721465.41	Qal	1682.96	4/13/2015	1685.77
					10/5/2015	1685.33
					4/4/2016	1685.19
					10/4/2016	1685.23

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS AT CALIBRATION TARGETS (2014-2018)

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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 (ft amsl)
MC-137	825612.30	26721465.41	Qal	1682.96	4/3/2017	1685.90
					10/4/2017	1686.17
					4/3/2018	1686.06
					5/23/2018	1686.47
MC-138	825712.47	26721394.18	Qal	1689.48	6/9/2014	1686.17
					4/13/2015	1686.21
					10/5/2015	1685.83
					4/4/2016	1685.84
					10/4/2016	1685.82
					4/3/2017	1686.45
					10/5/2017	1686.60
					4/3/2018	1686.57
5/23/2018	1686.89					
MC-139	825812.10	26721324.87	Qal	1689.53	6/9/2014	1687.14
					4/13/2015	1687.21
					10/5/2015	1686.85
					4/4/2016	1686.94
					10/4/2016	1686.85
					4/3/2017	1687.58
					10/4/2017	1687.62
					4/2/2018	1687.56
5/23/2018	1687.81					
MC-MW-10	825523.88	26717919.06	UMCf	1701.21	6/6/2014	1747.25
					4/14/2015	1748.00
					6/30/2015	1747.33
					4/6/2016	1747.73
					4/5/2017	1749.89
4/4/2018	1747.03					
MC-MW-29	825436.29	26721910.09	UMCf	1646.84	4/13/2015	1685.25
					4/14/2015	1685.23
					6/30/2015	1685.12
					10/6/2015	1684.83
					4/5/2016	1684.80
					10/4/2016	1684.77
					4/4/2017	1685.31
					4/5/2017	1685.09
					10/4/2017	1685.81
					4/2/2018	1684.90
4/4/2018	1684.87					
5/23/2018	1686.50					
MC-MW-30	825000.22	26721948.80	UMCf	1674.14	4/13/2015	1689.65
					10/5/2015	1689.42
					4/4/2016	1689.37

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
MC-MW-30	825000.22	26721948.80	UMCf	1674.14	10/4/2016	1689.26
					4/3/2017	1689.51
					10/4/2017	1690.29
					4/2/2018	1688.24
					5/22/2018	1691.34
MC-MW-31	824775.80	26722161.64	UMCf	1669.97	4/14/2015	1686.26
					10/5/2015	1686.01
					4/5/2016	1686.07
					10/4/2016	1686.11
					4/3/2017	1686.33
					10/4/2017	1686.76
					4/2/2018	1686.75
					5/22/2018	1686.39
MC-MW-32	826314.47	26721325.15	UMCf	1670.46	4/13/2015	1691.29
					4/14/2015	1691.32
					10/5/2015	1691.09
					4/5/2016	1691.17
					4/7/2016	1691.21
					10/4/2016	1691.23
					4/3/2017	1691.57
					4/5/2017	1691.58
					10/4/2017	1690.86
					4/2/2018	1692.12
					4/4/2018	1691.94
5/23/2018	1691.84					
MC-MW-33	825490.04	26721551.65	UMCf	1646.57	4/13/2015	1687.51
					10/5/2015	1687.08
					4/4/2016	1687.12
					10/4/2016	1687.07
					4/3/2017	1687.69
					10/4/2017	1688.06
					4/3/2018	1687.89
					5/23/2018	1688.62
MC-MW-34	824867.82	26721979.95	UMCf	1664.59	4/13/2015	1689.15
					10/5/2015	1688.92
					4/5/2016	1688.91
					10/4/2016	1688.96
					4/3/2017	1689.16
					10/4/2017	1689.65
					4/2/2018	1689.07
					5/22/2018	1689.76
MC-MW-35	824348.73	26722329.67	UMCf	1653.55	4/14/2015	1693.04
					10/5/2015	1692.74

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
MC-MW-35	824348.73	26722329.67	UMCf	1653.55	4/4/2016	1692.76
					10/4/2016	1692.99
					4/3/2017	1693.40
					4/5/2017	1693.35
					10/4/2017	1693.57
					4/2/2018	1693.66
					4/4/2018	1693.38
5/22/2018	1693.35					
MC-MW-36	825497.46	26722678.55	UMCf	1644.66	6/30/2015	1673.25
					10/5/2015	1673.10
					4/4/2016	1672.90
					4/5/2016	1672.90
					10/4/2016	1672.93
					4/4/2017	1673.10
					4/5/2017	1673.11
10/5/2017	1673.60					
10/26/2017	1673.56					
MC-MW-37	826148.51	26722407.66	UMCf	1646.13	6/30/2015	1671.60
					10/5/2015	1671.31
					4/4/2016	1671.00
					10/4/2016	1670.98
					4/4/2017	1671.29
					10/5/2017	1671.66
10/26/2017	1671.71					
MC-MW-37R	826172.79	26722167.02	UMCf	1652.61	10/25/2017	1677.89
MC-MW-37R2	826160.14	26722135.65	Unknown	1651.13	3/29/2018	1677.83
MC-MW-38	826484.48	26722040.65	UMCf	1656.46	6/30/2015	1679.64
					10/5/2015	1679.39
					4/4/2016	1679.31
					4/5/2016	1679.34
					10/4/2016	1679.27
					4/5/2017	1679.29
					4/6/2017	1679.37
10/5/2017	1679.50					
10/25/2017	1679.40					
MCF-01A	830905.30	26720244.86	UMCf	1409.44	3/26/2018	1722.53
MCF-01B	830888.59	26720256.83	UMCf	1683.95	12/8/2014	1708.41
					5/27/2015	1708.02
					3/26/2018	1708.29
MCF-03A	836835.26	26721058.78	UMCf	1409.23	3/27/2018	1755.72
MCF-03B	836813.17	26721066.60	UMCf	1716.46	12/10/2014	1741.31
					5/28/2015	1736.91
					6/2/2015	1741.01

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS AT CALIBRATION TARGETS (2014-2018)

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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 (ft amsl)
MCF-03B	836813.17	26721066.60	UMCf	1716.46	3/27/2018	1741.62
MCF-05	832871.14	26728512.87	UMCf	1399.00	4/7/2016	1583.34
					4/3/2018	1573.73
MCF-06A-R	834929.39	26729028.09	UMCf	1267.00	4/7/2016	1529.64
					4/9/2018	1530.22
MCF-06B	834930.85	26729012.56	UMCf	1555.77	12/12/2014	1575.56
					6/4/2015	1575.62
					4/7/2016	1575.15
MCF-06C	834945.70	26729004.80	UMCf	1578.78	12/11/2014	1575.43
					6/4/2015	1575.48
					4/7/2016	1575.28
					4/9/2018	1575.65
					4/12/2018	1575.81
MCF-07	837113.59	26729569.85	UMCf	1250.07	4/10/2018	1538.46
MCF-09A	831024.27	26723427.11	UMCf	1414.26	4/5/2018	1654.48
MCF-09B	831019.19	26723449.62	UMCf	1578.00	4/5/2018	1656.37
MCF-11	830656.16	26725461.46	UMCf	1559.25	4/12/2018	1628.45
MCF-12B	840058.24	26727374.14	UMCf	1638.74	12/22/2014	1650.57
					6/4/2015	1649.11
MCF-16A	835886.90	26726023.30	UMCf	1315.17	4/3/2018	1651.69
MCF-16B	835867.57	26726026.53	UMCf	1391.05	4/4/2018	1631.13
MCF-16C	835846.38	26726030.18	Qal/UMCf	1626.88	12/17/2014	1625.13
					6/8/2015	1625.42
					4/4/2018	1628.01
MCF-18A	831877.31	26731585.95	UMCf	1194.20	4/4/2016	1554.60
MCF-20A	833381.19	26728860.07	UMCf	1262.99	4/7/2016	1553.22
					4/3/2018	1553.64
MCF-24A	833661.11	26725570.88	UMCf	1309.07	4/4/2018	1610.99
MCF-24B	833839.35	26725619.34	UMCf	1520.00	4/5/2018	1612.20
MCF-27	832488.10	26719293.06	UMCf	1415.53	3/27/2018	1789.43
MCF-29A	833957.87	26733436.56	UMCf	1173.98	1/16/2015	1546.90
MCF-29B	833954.70	26733444.92	UMCf	1378.52	1/16/2015	1530.36
MCF-30A	836135.15	26733724.11	UMCf	1167.60	1/16/2015	1526.25
MCF-30B	836130.63	26733707.02	UMCf	1374.84	1/16/2015	1513.62
MCF-31B	838313.65	26733552.59	UMCf	1303.41	4/6/2016	1509.63
MCF-32A	835743.75	26724066.56	UMCf	1367.88	3/28/2018	1718.33
MCF-32B	835753.14	26724074.91	UMCf	1578.31	3/27/2018	1678.48
MCF-BW-09B	825735.13	26719452.86	UMCf	1693.63	6/30/2015	1716.99
					7/25/2016	1717.18
					10/4/2016	1717.36
					4/4/2017	1719.03
					4/5/2017	1719.01
					10/6/2017	1718.81

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
MCF-BW-09B	825735.13	26719452.86	UMCf	1693.63	4/3/2018	1717.73
					4/4/2018	1717.75
					5/23/2018	1717.82
MCF-BW-10A	823621.72	26718620.39	UMCf	1712.81	6/6/2014	1736.23
					4/14/2015	1736.24
					4/5/2016	1736.29
					4/6/2017	1736.96
					4/4/2018	1735.63
MW-01	825536.01	26715187.41	UMCf	1757.26	6/6/2014	1797.58
					4/14/2015	1797.19
					4/6/2016	1797.22
					4/5/2017	1797.47
					4/5/2018	1797.92
MW-02	825639.84	26716364.20	xMCf/UMCf	1767.30	6/6/2014	1781.85
					4/14/2015	1782.64
					4/6/2016	1782.31
					4/5/2017	1782.62
					4/5/2018	1781.95
MW-02(HEND)	838994.12	26734478.11	Unknown	1494.33	4/6/2016	1493.01
MW-03	825354.12	26716390.46	xMCf/UMCf	1774.01	6/6/2014	1781.47
					4/14/2015	1782.51
					6/30/2015	1781.92
					4/6/2016	1782.00
					4/5/2017	1781.94
					4/5/2018	1781.29
MW-04	825073.90	26716415.06	xMCf/UMCf	1770.38	6/6/2014	1782.03
					4/14/2015	1782.99
					4/6/2016	1782.66
					4/5/2017	1782.46
					4/5/2018	1781.96
MW-04(HEND)	838288.65	26733551.66	Qal	1493.85	6/19/2015	1499.20
					4/6/2016	1507.00
					4/5/2018	1507.91
					4/10/2018	1507.95
MW-05(HEND)	840501.38	26733563.04	UMCf	1513.75	3/1/2015	1518.38
					3/2/2015	1518.32
					3/3/2015	1518.50
					6/1/2015	1518.47
					6/2/2015	1518.68
					6/3/2015	1518.91
					9/1/2015	1518.45
					9/2/2015	1519.03
9/3/2015	1518.81					

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
MW-05(HEND)	840501.38	26733563.04	UMCf	1513.75	12/2/2015	1518.83
					12/3/2015	1518.33
					4/6/2016	1524.14
					4/10/2018	1526.01
MW-08	825564.56	26717925.04	UMCf	1515.95	6/9/2014	1808.15
					4/14/2015	1814.03
					6/30/2015	1812.87
					4/6/2016	1810.55
					4/5/2017	1805.94
					4/5/2018	1815.18
MW-10(HEND)	840223.23	26734019.86	Unknown	1493.40	4/6/2016	1508.71
					4/11/2018	1510.04
MW-11(HEND)	839738.37	26733930.02	Unknown	1479.53	4/6/2016	1495.07
					4/11/2018	1495.66
MW-12(HEND)	838999.98	26733800.85	Unknown	1490.09	4/6/2016	1495.13
MW-13(HEND)	838306.91	26734740.22	Qal	1485.43	4/6/2016	1494.26
MW-16	826447.19	26719904.81	UMCf	1720.05	5/12/2014	1718.68
					2/5/2015	1718.10
					5/22/2015	1718.13
					5/27/2016	1718.48
					5/1/2017	1720.20
					10/20/2017	1719.64
					10/20/2017	1719.64
					5/7/2018	1722.14
MW-18(HEND)	840946.07	26734674.06	Unknown	1483.67	4/6/2016	1513.55
					4/12/2018	1514.75
MW-20(HEND)	840590.44	26735460.67	Unknown	1453.64	4/7/2016	1479.49
MW-25(HEND)	839862.89	26734833.85	Unknown	1483.34	4/6/2016	1491.79
MW-AA	822059.00	26729177.00	Qal/xMCf	1632.75	4/29/2014	1639.48
					4/23/2015	1639.37
					4/20/2016	1638.30
					5/7/2017	1639.10
					5/10/2018	1639.19
MW-AB	822535.00	26725941.00	Qal/xMCf	1655.95	4/29/2014	1663.30
					4/23/2015	1663.15
					4/12/2016	1663.00
					5/2/2017	1663.50
					5/9/2018	1663.26
MW-AC	822686.00	26723991.00	Qal/xMCf	1681.80	4/29/2014	1686.48
					5/14/2015	1686.20
					4/12/2016	1686.00
					5/16/2017	1686.50
					4/22/2018	1685.79

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
MW-AD	821179.00	26717406.00	UMCf	1769.30	4/27/2014	1777.81
					4/29/2015	1777.60
					4/19/2016	1776.83
					4/30/2017	1777.30
					4/11/2018	1776.40
MW-AHX	823443.00	26721020.30	xMCf/UMCf	1678.10	5/1/2014	1702.17
					5/21/2015	1701.30
					6/14/2016	1700.95
					5/16/2017	1701.85
					4/24/2018	1702.38
MW-AJ	826455.00	26726030.00	Qal/xMCf/UMCf	1629.30	4/22/2014	1641.90
					6/6/2014	1641.46
					4/21/2015	1641.55
					4/6/2016	1640.82
					5/4/2016	1641.15
					4/5/2017	1641.06
					6/28/2017	1641.20
					4/4/2018	1641.86
5/9/2018	1641.80					
MW-AL	819880.00	26712560.00	UMCf	1760.00	4/29/2014	1845.50
					5/14/2015	1846.65
					4/13/2016	1846.80
					5/16/2017	1847.00
					5/8/2018	1847.78
MW-AX-72	818280.30	26714977.50	UMCf	1804.10	5/20/2014	1848.16
					4/27/2015	1847.55
					4/20/2016	1848.35
					5/4/2017	1848.71
					4/16/2018	1848.73
MW-C	819813.00	26715809.70	UMCf	1795.40	5/20/2014	1821.42
					4/27/2015	1821.65
					4/20/2016	1821.80
					5/4/2017	1822.30
					4/16/2018	1822.79
MW-D2D	819110.50	26717312.60	UMCf	1772.30	4/29/2014	1814.21
					5/7/2015	1811.74
					5/2/2016	1811.10
					5/10/2017	1810.95
					4/11/2018	1810.70
MW-D2S	819110.50	26717312.60	UMCf	1809.20	4/29/2014	1813.74
					5/7/2015	1811.64
					4/20/2016	1811.15
MW-E	815276.80	26715804.80	UMCf	1806.50	4/22/2014	1840.30

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
MW-E	815276.80	26715804.80	UMCf	1806.50	4/27/2015	1839.40
					4/20/2016	1840.10
					5/4/2017	1839.71
					4/16/2018	1839.33
MW-F2	820057.00	26719757.00	Qal/UMCf	1752.60	4/23/2014	1752.98
					5/7/2015	1752.85
					4/20/2016	1752.95
					5/2/2017	1753.21
					4/24/2018	1752.80
MW-I	817038.00	26717185.00	UMCf	1817.20	4/30/2014	1843.10
					4/27/2015	1842.54
					4/20/2016	1843.00
					5/4/2017	1843.60
					4/16/2018	1842.89
MW-K	823523.00	26725991.00	Qal/xMCf	1648.60	4/17/2014	1651.08
					5/14/2015	1651.05
					4/13/2016	1651.10
					5/2/2017	1651.30
					5/10/2018	1651.18
MW-K1	827777.00	26726810.00	xMCf	1618.55	4/17/2014	1625.32
					4/21/2015	1625.25
					4/13/2016	1625.20
					5/7/2017	1625.11
					5/9/2018	1625.02
MW-K4	828994.26	26728410.91	xMCf	1585.63	1/15/2014	1587.55
					2/13/2014	1587.29
					3/13/2014	1587.19
					4/17/2014	1586.99
					4/21/2014	1587.71
					5/20/2014	1586.80
					6/12/2014	1586.73
					7/9/2014	1586.65
					8/7/2014	1587.09
					9/11/2014	1587.39
					10/15/2014	1587.58
					11/25/2014	1587.55
					12/29/2014	1587.63
					1/14/2015	1587.52
					2/12/2015	1587.27
3/11/2015	1587.23					
4/16/2015	1587.95					
4/21/2015	1587.25					
5/19/2015	1587.23					

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
MW-K4	828994.26	26728410.91	xMCf	1585.63	6/25/2015	1587.13
					7/15/2015	1587.11
					8/12/2015	1587.25
					9/17/2015	1587.35
					10/14/2015	1587.66
					11/11/2015	1588.32
					12/10/2015	1587.58
					1/13/2016	1587.88
					2/11/2016	1587.38
					3/10/2016	1587.41
					4/7/2016	1587.26
					4/19/2016	1588.30
					5/5/2016	1587.85
					6/13/2016	1588.23
					7/20/2016	1588.13
					8/3/2016	1587.46
					9/20/2016	1586.12
					10/12/2016	1588.50
					11/8/2016	1588.44
					5/1/2017	1584.82
5/10/2017	1585.51					
11/6/2017	1582.02					
5/7/2018	1582.59					
5/10/2018	1583.35					
11/5/2018	1583.17					
MW-K5	829617.63	26730252.26	xMCf/UMCf	1559.41	1/15/2014	1569.75
					2/13/2014	1568.92
					3/13/2014	1568.51
					4/17/2014	1568.19
					4/21/2014	1558.56
					5/20/2014	1567.69
					6/12/2014	1567.51
					7/9/2014	1567.54
					8/7/2014	1567.90
					9/11/2014	1568.70
					10/15/2014	1569.08
					11/25/2014	1569.59
					12/29/2014	1569.16
					1/15/2015	1568.88
					2/12/2015	1568.98
3/12/2015	1568.58					
4/16/2015	1558.85					
4/17/2015	1568.39					

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
MW-K5	829617.63	26730252.26	xMCf/UMCf	1559.41	5/19/2015	1568.75
					6/24/2015	1568.70
					7/15/2015	1568.27
					8/12/2015	1569.08
					9/16/2015	1569.42
					9/21/2015	1569.67
					10/14/2015	1569.45
					11/11/2015	1569.51
					12/7/2015	1577.53
					12/10/2015	1580.36
					12/16/2015	1573.23
					12/21/2015	1575.81
					12/29/2015	1572.85
					1/12/2016	1571.69
					1/13/2016	1571.53
					1/25/2016	1570.35
					2/11/2016	1569.23
					2/22/2016	1568.91
					3/10/2016	1568.38
					3/21/2016	1568.18
					4/7/2016	1577.44
						1561.75
					4/19/2016	1571.37
					5/5/2016	1571.05
					5/16/2016	1570.98
					6/13/2016	1577.95
					7/20/2016	1570.67
					8/3/2016	1570.15
					8/8/2016	1570.20
					9/20/2016	1570.44
10/12/2016	1569.13					
11/8/2016	1570.15					
2/6/2017	1573.25					
5/1/2017	1569.54					
5/10/2017	1559.80					
8/14/2017	1567.93					
11/6/2017	1574.45					
2/14/2018	1578.90					
5/7/2018	1569.99					
5/10/2018	1560.23					
8/6/2018	1569.49					
11/5/2018	1571.17					
MW-R	825423.00	26725016.00	Qal/xMCf	1641.90	4/21/2014	1656.09

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
MW-R	825423.00	26725016.00	Qal/xMCf	1641.90	6/6/2014	1655.78
					4/14/2015	1655.31
					4/23/2015	1655.20
					4/5/2016	1654.20
					4/13/2016	1654.45
					4/5/2017	1654.67
					4/11/2017	1654.71
					4/4/2018	1655.71
MW-S	826941.00	26730853.00	Qal/xMCf/UMCf	1576.20	4/30/2014	1582.40
					4/16/2015	1582.10
					5/4/2016	1583.55
					5/10/2017	1581.85
					5/9/2018	1582.42
MW-T	826644.00	26732347.00	Qal/xMCf/UMCf	1562.20	4/21/2014	1576.36
					5/11/2015	1575.58
					4/26/2016	1576.35
					4/19/2017	1576.51
					4/30/2018	1576.84
MW-U	826312.00	26733219.00	Qal/xMCf/UMCf	1563.50	5/16/2016	1574.65
					5/15/2017	1574.06
					4/25/2018	1574.18
MW-V	825243.00	26733189.00	Qal/UMCf	1575.20	4/21/2014	1579.38
					4/27/2015	1579.15
					4/19/2016	1579.85
					4/19/2017	1580.60
					4/25/2018	1579.71
MW-X	817139.00	26718995.00	Qal/xMCf/UMCf	1795.20	4/22/2014	1810.05
					4/27/2015	1809.70
					4/18/2016	1809.90
					5/4/2017	1809.90
					6/6/2018	1809.55
MWSW1-D1	829200.31	26719789.66	Qal	1722.88	6/29/2015	1724.77
					9/18/2015	1724.43
					10/12/2015	1724.39
					3/4/2016	1724.03
					4/11/2016	1723.97
					4/16/2018	1724.34
MWSW1-U1	829224.48	26719474.08	Qal	1727.03	6/29/2015	1729.05
					9/18/2015	1728.84
					10/12/2015	1728.86
					3/4/2016	1728.58
					4/11/2016	1728.57

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
MWSW1-U1	829224.48	26719474.08	Qal	1727.03	4/16/2018	1729.22
NX-17	823645.90	26727961.68	Qal/xMCf	1624.30	4/30/2014	1625.67
					5/13/2015	1624.92
					5/3/2016	1624.87
					4/23/2018	1627.02
NY-15	823414.10	26727670.20	Qal/xMCf	1626.90	4/22/2014	1629.80
					5/13/2015	1629.00
					5/2/2016	1628.85
					5/7/2017	1630.90
					4/29/2018	1630.90
OX-16	824203.08	26727965.13	Qal/xMCf	1619.90	4/28/2014	1619.30
					5/13/2015	1618.35
					5/3/2016	1618.45
					5/16/2017	1621.11
OY-8	824123.60	26728244.00	Qal/xMCf	1613.60	4/23/2018	1620.93
					4/17/2014	1618.70
					5/13/2015	1616.60
					4/12/2016	1616.53
					4/10/2017	1618.60
PC-2	830443.03	26730209.92	Qal	1570.45	4/29/2018	1618.97
					5/7/2014	1568.08
					1/22/2015	1570.06
					5/20/2015	1568.95
					5/10/2016	1571.76
					5/1/2017	1569.80
PC-4	831171.41	26730353.96	Qal	1567.40	5/7/2018	1571.31
					5/21/2014	1564.78
					1/22/2015	1566.92
					5/20/2015	1566.24
					5/10/2016	1566.58
					5/2/2017	1565.96
PC-18	828635.95	26728080.09	Qal	1587.04	5/7/2018	1567.47
					1/14/2014	1590.32
					2/14/2014	1590.05
					3/12/2014	1589.98
					4/17/2014	1589.81
					5/21/2014	1589.52
					6/12/2014	1589.45
					7/8/2014	1589.46
					8/1/2014	1589.83
					9/10/2014	1590.18
10/14/2014	1590.35					
11/24/2014	1590.50					

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
PC-18	828635.95	26728080.09	Qal	1587.04	12/30/2014	1590.60
					1/14/2015	1590.34
					2/13/2015	1590.21
					3/10/2015	1590.16
					4/17/2015	1590.20
					5/27/2015	1590.11
					6/23/2015	1590.06
					7/16/2015	1590.04
					8/12/2015	1589.98
					9/16/2015	1594.67
					10/14/2015	1591.49
					11/11/2015	1593.09
					12/11/2015	1591.06
					1/20/2016	1591.02
					2/12/2016	1590.74
					3/10/2016	1590.83
					4/7/2016	1590.33
					5/6/2016	1590.99
					6/9/2016	1591.25
					7/20/2016	1590.97
					8/3/2016	1589.52
					9/14/2016	1588.23
					10/12/2016	1593.86
					11/8/2016	1591.51
					12/7/2016	1588.01
					1/5/2017	1588.00
					2/8/2017	1587.01
					3/7/2017	1586.58
					4/4/2017	1587.43
					5/1/2017	1586.16
6/9/2017	1585.17					
7/5/2017	1583.71					
8/14/2017	1582.45					
9/6/2017	1582.23					
10/4/2017	1581.80					
11/6/2017	1582.05					
12/8/2017	1582.64					
1/3/2018	1582.45					
2/14/2018	1582.93					
3/9/2018	1583.26					
4/3/2018	1583.17					
5/7/2018	1582.52					
6/1/2018	1582.36					

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
PC-18	828635.95	26728080.09	Qal	1587.04	7/13/2018	1582.39
					8/6/2018	1582.45
					9/6/2018	1582.79
					10/16/2018	1583.34
					11/5/2018	1583.15
					12/6/2018	1582.53
PC-21A	829267.35	26721336.20	Qal/xMCf/UMCf	1698.50	5/8/2014	1692.34
					1/12/2015	1691.85
					5/26/2015	1691.73
					5/12/2016	1691.73
					5/2/2017	1692.57
					5/7/2018	1692.79
PC-24	829523.90	26726730.09	Qal	1611.61	5/6/2014	1613.26
					1/14/2015	1613.17
					5/5/2015	1612.57
					5/9/2016	1612.24
					5/1/2017	1612.35
					5/7/2018	1612.15
PC-28	828530.30	26725375.96	Qal	1636.44	5/8/2014	1639.17
					6/6/2014	1639.19
					1/14/2015	1638.55
					4/14/2015	1638.41
					5/28/2015	1638.41
					4/5/2016	1637.58
					5/11/2016	1637.78
					4/5/2017	1637.43
					5/1/2017	1637.47
					4/4/2018	1637.63
5/7/2018	1637.56					
PC-31	826781.39	26725196.08	Qal	1626.17	5/8/2014	1646.89
					6/6/2014	1646.81
					4/14/2015	1646.57
					5/28/2015	1646.33
					4/5/2016	1645.76
					5/11/2016	1646.11
					4/5/2017	1645.97
					5/1/2017	1645.96
					4/4/2018	1646.42
					5/7/2018	1646.87
PC-37	826611.96	26722172.38	Qal	1677.31	1/7/2014	1678.13
					2/6/2014	1678.03
					3/14/2014	1678.04
					4/18/2014	1677.93

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
PC-37	826611.96	26722172.38	Qal	1677.31	5/8/2014	1677.90
					6/19/2014	1677.79
					7/7/2014	1677.79
					8/13/2014	1677.67
					9/18/2014	1677.60
					10/22/2014	1677.53
					11/21/2014	1677.48
					12/5/2014	1677.34
					1/20/2015	1677.33
					2/24/2015	1677.22
					3/26/2015	1677.17
					4/15/2015	1677.13
					5/27/2015	1676.90
					6/17/2015	1676.88
					7/7/2015	1676.91
					8/4/2015	1676.85
					9/10/2015	1670.58
					10/7/2015	1676.72
					11/3/2015	1676.43
					12/15/2015	1676.63
					1/26/2016	1676.64
					2/15/2016	1676.29
					3/15/2016	1676.32
4/12/2016	1676.40					
5/11/2016	1676.35					
6/14/2016	1675.68					
7/21/2016	1676.72					
8/8/2016	1676.24					
9/5/2016	1676.34					
10/11/2016	1676.31					
11/8/2016	1676.28					
5/1/2017	1676.34					
10/25/2017	1676.61					
PC-40	826476.81	26723971.53	Qal	1641.89	5/8/2014	1657.28
					1/13/2015	1656.70
					5/26/2015	1656.61
					5/11/2016	1656.09
					5/1/2017	1655.85
10/26/2017	1656.11					
PC-40R	826511.22	26723920.75	Qal	1642.56	3/29/2018	1656.47
					5/7/2018	1656.24
PC-50	828326.61	26726722.56	Qal/xMcf/UMcf	1606.95	5/6/2014	1620.98
					1/23/2015	1620.26

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
PC-50	828326.61	26726722.56	Qal/xMCf/UMCf	1606.95	5/5/2015	1620.91
					5/9/2016	1620.94
					5/1/2017	1620.36
					5/7/2018	1619.83
PC-53	829940.98	26730225.73	Qal	1570.77	1/15/2014	1568.88
					2/13/2014	1568.16
					3/13/2014	1567.77
					4/17/2014	1567.43
					5/20/2014	1566.88
					6/12/2014	1566.61
					7/9/2014	1566.46
					8/7/2014	1566.84
					9/11/2014	1567.64
					10/15/2014	1568.06
					11/25/2014	1568.88
					12/29/2014	1568.48
					1/15/2015	1568.16
					1/21/2015	1567.86
					2/12/2015	1568.26
					3/12/2015	1567.79
					4/17/2015	1567.23
					5/19/2015	1567.75
					6/24/2015	1567.73
					7/15/2015	1567.88
					8/12/2015	1568.03
					9/16/2015	1568.37
					10/14/2015	1568.57
					11/11/2015	1568.60
					12/10/2015	1578.67
					1/13/2016	1571.52
					2/11/2016	1568.91
					3/10/2016	1567.89
4/7/2016	1576.93					
5/5/2016	1571.10					
6/13/2016	1569.99					
7/20/2016	1569.77					
8/3/2016	1569.38					
9/20/2016	1568.67					
10/12/2016	1568.34					
11/8/2016	1569.41					
2/6/2017	1573.39					
5/1/2017	1569.01					
8/14/2017	1567.61					

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
PC-53	829940.98	26730225.73	Qal	1570.77	11/6/2017	1575.64
					2/14/2018	1579.64
					5/7/2018	1569.63
					8/6/2018	1568.80
					11/5/2018	1570.80
PC-54	828296.24	26722067.82	Qal	1682.40	1/7/2014	1681.36
					2/5/2014	1681.31
					3/14/2014	1681.24
					4/7/2014	1681.13
					4/18/2014	1681.15
					5/8/2014	1681.05
					6/19/2014	1680.91
					7/7/2014	1680.86
					8/13/2014	1680.72
					9/18/2014	1680.68
					10/22/2014	1680.57
					11/21/2014	1680.42
					12/4/2014	1680.29
					1/13/2015	1680.12
					1/20/2015	1680.15
					2/24/2015	1679.98
					3/26/2015	1679.95
					3/30/2015	1679.90
					4/15/2015	1679.87
					4/21/2015	1679.90
					5/26/2015	1679.69
					6/17/2015	1679.62
					7/8/2015	1679.50
					8/4/2015	1679.50
					9/10/2015	1679.63
					9/18/2015	1679.67
					10/7/2015	1679.79
10/12/2015	1679.77					
11/3/2015	1679.68					
12/15/2015	1679.51					
1/26/2016	1679.29					
2/15/2016	1679.25					
3/4/2016	1679.20					
3/15/2016	1679.19					
4/11/2016	1679.06					
4/12/2016	1679.06					
5/12/2016	1679.07					
6/14/2016	1679.10					

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
PC-54	828296.24	26722067.82	Qal	1682.40	7/21/2016	1679.83
					8/8/2016	1679.18
					9/12/2016	1679.24
					10/11/2016	1679.43
					11/8/2016	1679.29
					5/1/2017	1678.62
					11/6/2017	1678.86
					4/16/2018	1678.97
					5/7/2018	1678.57
11/5/2018	1678.41					
PC-55	828530.36	26728057.26	Qal	1582.78	1/16/2014	1591.33
					2/14/2014	1591.07
					3/13/2014	1590.96
					4/16/2014	1590.84
					5/21/2014	1590.57
					6/13/2014	1590.54
					7/10/2014	1590.50
					8/8/2014	1590.92
					9/12/2014	1591.13
					10/15/2014	1591.37
					11/25/2014	1591.47
					12/30/2014	1591.57
					1/15/2015	1591.24
					2/13/2015	1591.21
					3/10/2015	1591.22
					4/17/2015	1591.07
					5/27/2015	1591.02
					6/9/2015	1591.07
					7/16/2015	1591.00
					8/13/2015	1591.08
					9/17/2015	1591.26
					10/15/2015	1591.61
					11/12/2015	1593.99
					12/11/2015	1592.35
1/14/2016	1592.15					
2/12/2016	1592.01					
3/10/2016	1591.64					
4/7/2016	1591.46					
5/6/2016	1592.06					
6/9/2016	1592.30					
7/20/2016	1592.16					
8/10/2016	1590.36					
9/14/2016	1589.43					

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
PC-55	828530.36	26728057.26	Qal	1582.78	10/12/2016	1594.52
					11/8/2016	1592.89
					12/7/2016	1589.20
					1/5/2017	1589.10
					2/6/2017	1588.32
					3/7/2017	1587.67
					4/4/2017	1588.33
					5/1/2017	1587.36
					6/9/2017	1586.30
					7/5/2017	1584.96
					8/14/2017	1584.55
					9/6/2017	1583.50
					10/4/2017	1583.06
					11/6/2017	1583.32
					12/8/2017	1583.88
					1/3/2018	1583.70
					2/14/2018	1584.20
					3/9/2018	1584.51
					4/3/2018	1584.43
					5/7/2018	1583.79
6/1/2018	1583.62					
7/13/2018	1583.62					
8/6/2018	1583.70					
9/6/2018	1584.03					
10/16/2018	1584.60					
11/5/2018	1584.21					
12/6/2018	1583.78					
PC-56	830645.22	26732289.58	Qal/xMCf/UMCf	1543.73	1/14/2014	1556.83
					2/12/2014	1556.22
					3/12/2014	1555.84
					4/16/2014	1555.46
					5/16/2014	1555.10
					6/11/2014	1554.81
					7/8/2014	1555.01
					8/5/2014	1554.65
					9/10/2014	1555.16
					10/14/2014	1555.61
					11/24/2014	1556.27
					12/22/2014	1556.26
					1/13/2015	1556.20
					1/21/2015	1556.12
2/10/2015	1556.30					
3/9/2015	1556.04					

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
PC-56	830645.22	26732289.58	Qal/xMCf/UMCf	1543.73	4/16/2015	1555.45
					5/14/2015	1555.62
					6/23/2015	1555.41
					7/14/2015	1555.66
					8/11/2015	1555.73
					9/15/2015	1556.02
					10/13/2015	1556.15
					11/10/2015	1556.15
					12/9/2015	1556.89
					1/12/2016	1557.88
					2/10/2016	1556.82
					3/14/2016	1555.77
					4/6/2016	1556.34
					5/4/2016	1558.40
					6/8/2016	1556.78
					7/19/2016	1556.84
					8/2/2016	1556.59
					9/13/2016	1556.36
					10/11/2016	1556.80
					11/8/2016	1556.64
2/6/2017	1558.83					
5/1/2017	1556.01					
8/14/2017	1554.78					
11/6/2017	1555.70					
2/14/2018	1560.78					
5/7/2018	1556.57					
8/6/2018	1555.73					
11/5/2018	1557.76					
PC-58	831123.70	26732118.22	Qal	1553.91	1/14/2014	1555.96
					2/12/2014	1555.37
					3/12/2014	1555.00
					4/16/2014	1554.61
					5/16/2014	1554.30
					6/11/2014	1554.00
					7/8/2014	1554.54
					8/5/2014	1553.82
					9/10/2014	1554.33
					10/14/2014	1554.75
					11/24/2014	1555.37
					12/22/2014	1555.42
					1/13/2015	1555.38
1/21/2015	1554.79					
2/10/2015	1555.50					

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
PC-58	831123.70	26732118.22	Qal	1553.91	3/9/2015	1555.30
					4/16/2015	1554.80
					5/14/2015	1554.84
					6/23/2015	1554.80
					7/14/2015	1554.80
					8/11/2015	1554.92
					9/15/2015	1555.05
					10/13/2015	1549.36
					11/10/2015	1555.21
					12/9/2015	1555.70
					1/12/2016	1557.02
					2/10/2016	1556.09
					3/14/2016	1554.88
					4/6/2016	1555.21
					5/4/2016	1556.87
					6/8/2016	1555.89
					7/19/2016	1548.19
					8/2/2016	1555.61
					9/13/2016	1555.50
					10/11/2016	1555.79
11/9/2016	1555.63					
2/6/2017	1557.73					
5/1/2017	1555.18					
8/14/2017	1553.97					
11/6/2017	1555.08					
2/14/2018	1559.14					
5/7/2018	1555.82					
8/6/2018	1554.88					
11/5/2018	1556.79					
PC-59	830149.88	26732452.63	Qal/xMCf/UMCf	1553.38	1/14/2014	1557.42
					2/12/2014	1556.84
					3/12/2014	1556.51
					4/16/2014	1556.23
					5/16/2014	1555.91
					6/11/2014	1555.61
					7/8/2014	1555.44
					8/5/2014	1555.39
					9/10/2014	1555.98
					10/14/2014	1556.38
					11/24/2014	1556.78
					12/22/2014	1556.86
1/13/2015	1556.70					
1/20/2015	1556.70					

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
PC-59	830149.88	26732452.63	Qal/xMCf/UMCf	1553.38	2/10/2015	1556.93
					3/9/2015	1556.54
					4/16/2015	1556.29
					5/14/2015	1556.34
					6/23/2015	1556.22
					7/14/2015	1556.29
					8/11/2015	1556.16
					9/15/2015	1556.60
					10/13/2015	1556.79
					11/10/2015	1556.75
					12/9/2015	1556.77
					1/12/2016	1558.00
					2/10/2016	1557.11
					3/14/2016	1556.38
					4/6/2016	1556.51
					5/4/2016	1557.67
					6/8/2016	1557.30
					7/19/2016	1557.33
					8/2/2016	1557.11
					9/13/2016	1557.35
10/11/2016	1557.19					
11/8/2016	1557.15					
2/6/2017	1558.74					
5/1/2017	1556.57					
8/14/2017	1555.61					
11/6/2017	1556.71					
2/14/2018	1559.77					
5/7/2018	1557.00					
8/6/2018	1556.40					
11/5/2018	1557.97					
PC-60	830404.92	26732358.91	Qal	1551.64	1/14/2014	1557.31
					2/12/2014	1556.65
					3/12/2014	1556.26
					4/16/2014	1555.89
					5/16/2014	1555.49
					6/11/2014	1555.21
					7/8/2014	1555.34
					8/5/2014	1555.05
					9/10/2014	1555.56
					10/14/2014	1556.06
					11/24/2014	1556.69
12/22/2014	1556.69					
1/13/2015	1556.61					

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
PC-60	830404.92	26732358.91	Qal	1551.64	1/21/2015	1556.47
					2/10/2015	1556.76
					3/9/2015	1556.45
					4/16/2015	1555.93
					5/14/2015	1556.06
					6/23/2015	1555.93
					7/14/2015	1556.14
					8/11/2015	1556.12
					9/15/2015	1556.42
					10/13/2015	1556.58
					11/10/2015	1556.52
					12/9/2015	1557.22
					1/12/2016	1558.35
					2/10/2016	1557.29
					3/14/2016	1556.22
					4/6/2016	1556.67
					5/4/2016	1557.93
					6/8/2016	1557.22
					7/19/2016	1557.33
					8/2/2016	1557.05
9/13/2016	1556.78					
10/11/2016	1557.18					
11/8/2016	1557.04					
2/6/2017	1559.14					
5/1/2017	1556.33					
8/14/2017	1555.19					
11/6/2017	1556.96					
2/14/2018	1561.08					
5/7/2018	1556.88					
8/6/2018	1556.09					
11/5/2018	1558.07					
PC-62	829764.07	26732733.58	Qal/xMCf/UMCf	1550.63	1/14/2014	1557.81
					2/12/2014	1557.27
					3/12/2014	1557.00
					4/16/2014	1556.72
					5/16/2014	1556.40
					6/11/2014	1556.17
					7/8/2014	1555.91
					8/5/2014	1556.01
					9/10/2014	1556.53
					10/14/2014	1556.85
11/24/2014	1557.20					
12/22/2014	1557.32					

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
PC-62	829764.07	26732733.58	Qal/xMCf/UMCf	1550.63	1/13/2015	1557.12
					2/11/2015	1557.31
					3/9/2015	1557.06
					4/16/2015	1556.61
					5/19/2015	1556.87
					6/23/2015	1556.65
					7/14/2015	1556.63
					8/11/2015	1556.73
					9/15/2015	1557.05
					10/13/2015	1557.28
					11/10/2015	1557.31
					12/11/2015	1557.49
					1/13/2016	1557.88
					2/8/2016	1557.54
					2/10/2016	1557.46
					3/14/2016	1556.90
					4/6/2016	1556.57
					5/4/2016	1557.96
					6/8/2016	1557.60
					7/19/2016	1557.74
8/2/2016	1557.46					
9/13/2016	1557.28					
10/11/2016	1557.64					
11/8/2016	1557.59					
2/6/2017	1558.81					
5/1/2017	1557.00					
8/14/2017	1556.25					
11/6/2017	1557.04					
2/14/2018	1559.63					
5/7/2018	1557.35					
8/6/2018	1556.96					
11/5/2018	1558.16					
PC-64	827916.14	26723702.63	Qal	1664.14	4/7/2014	1665.09
					5/8/2014	1664.80
					6/6/2014	1664.68
					1/13/2015	1664.19
					3/30/2015	1664.37
					4/14/2015	1664.08
					5/28/2015	1664.05
					5/30/2015	1664.37
					9/18/2015	1664.04
10/12/2015	1663.99					
3/4/2016	1663.67					

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
PC-64	827916.14	26723702.63	Qal	1664.14	4/11/2016	1663.40
					5/11/2016	1663.69
					4/5/2017	1663.35
					5/8/2017	1663.37
					4/4/2018	1663.04
					4/16/2018	1659.95
					5/7/2018	1663.17
PC-65	828386.88	26723682.68	Qal	1664.70	4/7/2014	1665.78
					5/8/2014	1664.92
					1/13/2015	1664.23
					3/30/2015	1664.89
					5/28/2015	1663.89
					5/31/2015	1664.89
					9/18/2015	1664.42
					10/12/2015	1664.38
					3/4/2016	1664.03
					4/11/2016	1663.96
					5/11/2016	1663.21
					5/1/2017	1662.81
					4/16/2018	1663.58
5/7/2018	1662.70					
PC-66	828779.18	26723967.18	Qal/xMCf/UMCf	1657.14	4/7/2014	1660.54
					5/8/2014	1660.05
					1/14/2015	1653.03
					3/30/2015	1659.77
					6/1/2015	1659.77
					6/2/2015	1659.11
					9/18/2015	1659.31
					10/12/2015	1659.27
					3/4/2016	1658.92
					4/11/2016	1658.95
					5/11/2016	1658.58
					5/1/2017	1658.30
					4/16/2018	1661.89
5/7/2018	1658.14					
PC-67	829207.43	26723846.98	Qal	1651.21	4/7/2014	1659.87
					5/8/2014	1659.85
					1/14/2015	1659.22
					3/30/2015	1659.04
					5/28/2015	1658.96
					6/2/2015	1659.04
					9/18/2015	1658.51
10/12/2015	1658.48					

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
PC-67	829207.43	26723846.98	Qal	1651.21	3/4/2016	1658.13
					4/11/2016	1658.06
					5/11/2016	1658.20
					5/1/2017	1658.19
					4/16/2018	1657.79
					5/7/2018	1657.96
PC-68	829616.85	26732906.77	Qal/xMCf/UMCf	1541.54	1/14/2014	1558.38
					2/12/2014	1557.92
					3/12/2014	1557.70
					4/16/2014	1557.39
					5/16/2014	1557.06
					6/11/2014	1556.88
					7/8/2014	1556.61
					8/5/2014	1556.70
					9/10/2014	1557.19
					10/14/2014	1557.50
					11/24/2014	1557.80
					12/22/2014	1557.89
					1/13/2015	1557.75
					1/20/2015	1557.84
					2/11/2015	1557.90
					3/10/2015	1557.68
					4/16/2015	1557.46
					5/19/2015	1557.56
					6/23/2015	1557.31
					7/15/2015	1557.37
					8/11/2015	1557.35
					9/15/2015	1557.63
					10/13/2015	1557.85
					11/10/2015	1558.02
12/11/2015	1558.00					
1/13/2016	1558.54					
2/10/2016	1558.06					
3/14/2016	1557.49					
4/6/2016	1557.17					
5/4/2016	1558.53					
6/8/2016	1558.31					
7/19/2016	1558.37					
8/2/2016	1558.09					
9/13/2016	1557.96					
10/11/2016	1558.29					
PC-71	826805.39	26722688.14	Qal/xMCf/UMCf	1675.08	1/7/2014	1672.12
					2/5/2014	1672.05

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
PC-71	826805.39	26722688.14	Qal/xMCf/UMCf	1675.08	3/14/2014	1671.92
					4/18/2014	1671.82
					5/8/2014	1671.78
					6/19/2014	1671.67
					7/7/2014	1671.64
					8/13/2014	1671.54
					9/18/2014	1671.40
					10/22/2014	1671.32
					11/21/2014	1671.21
					12/4/2014	1671.16
					1/20/2015	1671.07
					2/24/2015	1670.89
					3/26/2015	1670.93
					4/15/2015	1670.80
					5/26/2015	1670.70
					6/17/2015	1670.59
					7/7/2015	1670.60
					8/4/2015	1670.54
					9/10/2015	1670.30
					10/7/2015	1670.33
					11/3/2015	1670.20
					12/15/2015	1670.21
					1/26/2016	1670.01
					2/15/2016	1669.99
					3/15/2016	1669.73
					4/12/2016	1669.84
5/11/2016	1668.77					
6/14/2016	1669.72					
7/21/2016	1670.32					
8/8/2016	1669.70					
9/5/2016	1669.78					
10/11/2016	1669.73					
11/8/2016	1669.70					
5/1/2017	1669.71					
10/27/2017	1667.31					
11/6/2017	1670.48					
5/7/2018	1669.93					
11/5/2018	1669.77					
PC-72	826604.45	26722688.85	Qal	1671.70	1/7/2014	1670.27
					2/6/2014	1670.20
					3/14/2014	1670.08
					4/18/2014	1669.94
					5/8/2014	1669.83

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
PC-72	826604.45	26722688.85	Qal	1671.70	6/19/2014	1669.69
					7/7/2014	1669.61
					8/13/2014	1669.42
					9/18/2014	1669.32
					10/22/2014	1669.19
					11/21/2014	1669.10
					12/4/2014	1669.00
					1/20/2015	1668.92
					2/24/2015	1668.75
					3/26/2015	1668.76
					4/15/2015	1668.70
					5/26/2015	1668.54
					6/17/2015	1668.47
					7/7/2015	1668.43
					8/4/2015	1668.26
					9/10/2015	1667.84
					10/7/2015	1667.99
					11/3/2015	1667.81
					12/15/2015	1667.82
					1/26/2016	1667.66
					2/15/2016	1667.57
					3/15/2016	1667.64
					4/12/2016	1667.40
					5/11/2016	1667.40
6/14/2016	1667.24					
7/21/2016	1667.97					
8/8/2016	1667.23					
9/5/2016	1667.46					
10/11/2016	1667.30					
11/8/2016	1667.24					
5/1/2017	1667.54					
10/26/2017	1665.29					
11/6/2017	1668.24					
5/7/2018	1668.08					
11/5/2018	1667.72					
PC-73	826404.59	26722695.23	Qal	1665.00	1/7/2014	1669.13
					2/6/2014	1669.02
					3/14/2014	1668.97
					4/18/2014	1668.83
					5/8/2014	1668.71
					6/19/2014	1668.53
					7/7/2014	1668.45
8/13/2014	1668.26					

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
PC-73	826404.59	26722695.23	Qal	1665.00	9/18/2014	1668.18
					10/22/2014	1668.02
					11/21/2014	1668.00
					12/4/2014	1667.92
					1/20/2015	1667.82
					2/24/2015	1667.75
					3/26/2015	1667.71
					4/15/2015	1667.71
					5/26/2015	1667.56
					6/17/2015	1671.36
					7/7/2015	1667.40
					8/4/2015	1667.24
					9/10/2015	1666.86
					10/7/2015	1667.03
					11/3/2015	1666.81
					12/15/2015	1666.85
					1/26/2016	1666.60
					2/15/2016	1666.63
					3/15/2016	1666.64
					4/12/2016	1666.36
5/11/2016	1668.17					
6/14/2016	1666.16					
7/21/2016	1667.10					
8/8/2016	1666.41					
9/5/2016	1666.16					
10/11/2016	1666.46					
11/8/2016	1668.43					
5/1/2017	1666.78					
10/25/2017	1667.51					
PC-74	829203.18	26734003.83	Qal	1520.06	5/6/2014	1553.52
					5/5/2015	1552.98
					4/8/2016	1553.73
					5/19/2016	1554.33
					5/1/2017	1553.94
					5/7/2018	1553.99
PC-76	829183.40	26734007.04	Qal	1547.05	5/6/2014	1553.27
					5/5/2015	1553.48
					4/8/2016	1553.63
					5/19/2016	1554.00
					5/1/2017	1553.75
					5/7/2018	1553.87
PC-77	829031.24	26733568.34	Qal	1532.32	5/6/2014	1559.14
					5/5/2015	1559.87

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
PC-77	829031.24	26733568.34	Qal	1532.32	4/8/2016	1559.67
					5/19/2016	1560.45
					5/1/2017	1560.08
					5/7/2018	1560.39
PC-78	829032.96	26733560.54	Qal	1550.40	5/6/2014	1559.97
					5/5/2015	1560.24
					4/8/2016	1560.21
					5/19/2016	1561.25
					5/1/2017	1560.59
					5/7/2018	1560.74
PC-79	829814.91	26733246.96	Qal	1531.33	5/6/2014	1555.25
					5/6/2015	1555.54
					5/9/2016	1556.55
					5/1/2017	1556.14
					5/7/2018	1556.05
PC-80	829823.55	26733250.66	Qal	1546.16	5/6/2014	1555.25
					5/6/2015	1555.54
					5/9/2016	1558.16
					5/1/2017	1555.78
					5/7/2018	1556.04
PC-81	829833.18	26733254.93	Qal	1548.75	5/6/2014	1555.15
					5/6/2015	1555.43
					5/1/2017	1555.72
					5/7/2018	1555.97
PC-82	830316.71	26733195.35	Qal	1513.17	5/6/2014	1552.01
					5/6/2015	1552.25
					5/9/2016	1552.02
					5/1/2017	1552.14
					5/7/2018	1552.13
PC-83	830325.42	26733201.49	Qal	1539.45	5/6/2014	1552.92
					5/6/2015	1553.14
					5/9/2016	1554.08
					5/1/2017	1552.63
					5/7/2018	1552.97
PC-85	830815.78	26733185.94	Qal	1521.42	5/6/2014	1549.27
PC-86	830827.22	26733185.95	Qal	1536.67	1/14/2014	1550.25
					2/12/2014	1549.84
					3/12/2014	1549.61
					4/16/2014	1549.36
					5/16/2014	1549.09
					6/11/2014	1548.97
					7/10/2014	1548.68
8/5/2014	1548.56					

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
PC-86	830827.22	26733185.95	Qal	1536.67	9/10/2014	1548.96
					10/14/2014	1549.29
					11/24/2014	1549.59
					12/22/2014	1549.67
					1/13/2015	1549.67
					2/11/2015	1549.55
					3/10/2015	1549.39
					4/16/2015	1549.19
					5/19/2015	1549.49
					6/23/2015	1549.21
					7/15/2015	1548.98
					8/11/2015	1549.19
					9/15/2015	1549.42
					10/13/2015	1549.67
					11/10/2015	1549.70
					12/11/2015	1549.79
					1/13/2016	1550.67
					2/8/2016	1549.92
					2/10/2016	1549.92
					3/14/2016	1549.33
					4/6/2016	1549.38
					5/4/2016	1550.24
					6/8/2016	1549.95
					7/19/2016	1549.94
					8/2/2016	1549.75
					9/13/2016	1549.65
					10/11/2016	1551.92
					11/8/2016	1549.79
					12/7/2016	1550.26
					1/5/2017	1551.03
2/6/2017	1551.34					
3/7/2017	1548.64					
4/4/2017	1548.11					
5/1/2017	1547.60					
6/9/2017	1547.09					
7/5/2017	1546.76					
8/14/2017	1546.96					
9/6/2017	1546.03					
10/4/2017	1546.40					
11/6/2017	1547.91					
12/8/2017	1549.28					
1/3/2018	1548.78					
2/14/2018	1550.16					

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
PC-86	830827.22	26733185.95	Qal	1536.67	3/9/2018	1549.81
					4/3/2018	1549.05
					5/7/2018	1548.24
					6/1/2018	1547.71
					7/13/2018	1547.46
					8/6/2018	1547.61
					9/6/2018	1548.68
					10/16/2018	1549.20
					11/5/2018	1549.03
PC-87	830837.63	26733185.77	Qal	1551.28	5/6/2014	1548.78
					5/6/2015	1548.94
					5/9/2016	1549.67
					5/1/2017	1547.46
					5/7/2018	1548.01
PC-88	831259.14	26733178.77	Qal	1505.90	5/6/2014	1545.12
					5/6/2015	1545.35
					5/9/2016	1545.74
					5/1/2017	1544.22
					5/7/2018	1544.26
PC-90	831271.57	26733192.94	Qal	1541.14	1/14/2014	1545.45
					2/12/2014	1545.07
					3/12/2014	1544.93
					4/16/2014	1544.75
					5/16/2014	1544.51
					6/11/2014	1544.33
					7/8/2014	1544.12
					8/5/2014	1543.97
					9/10/2014	1544.28
					10/14/2014	1544.64
					11/24/2014	1544.92
					12/22/2014	1544.97
					1/13/2015	1545.04
					2/11/2015	1544.48
					3/9/2015	1544.37
					4/16/2015	1544.32
					5/14/2015	1544.79
6/23/2015	1544.62					
7/14/2015	1544.58					
8/11/2015	1544.58					
9/15/2015	1544.24					
10/13/2015	1545.01					
11/10/2015	1545.04					

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
PC-90	831271.57	26733192.94	Qal	1541.14	12/9/2015	1545.31
					1/12/2016	1546.12
					2/8/2016	1545.15
					2/10/2016	1545.14
					3/14/2016	1544.84
					4/6/2016	1544.40
					5/4/2016	1545.24
					6/8/2016	1544.90
					7/19/2016	1544.98
					8/2/2016	1544.81
					9/13/2016	1544.66
					10/11/2016	1548.21
					11/8/2016	1545.01
					12/7/2016	1545.25
					1/5/2017	1546.13
					2/6/2017	1545.93
					3/7/2017	1544.89
					4/4/2017	1544.40
					5/1/2017	1543.91
					6/9/2017	1543.51
					7/5/2017	1542.90
					8/14/2017	1543.00
					9/6/2017	1542.18
					10/4/2017	1542.51
					11/6/2017	1543.58
					12/8/2017	1544.87
					1/3/2018	1544.51
					2/14/2018	1545.73
3/9/2018	1545.58					
4/3/2018	1544.83					
5/7/2018	1544.00					
6/1/2018	1543.54					
7/13/2018	1543.38					
8/6/2018	1543.42					
9/6/2018	1544.29					
10/16/2018	1544.89					
11/5/2018	1544.74					
12/6/2018	1544.75					
PC-91	831730.00	26733100.00	Qal	1535.80	1/14/2014	1541.39
					2/12/2014	1541.17
					3/12/2014	1541.00
					4/16/2014	1540.70
					5/16/2014	1540.62

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
PC-91	831730.00	26733100.00	Qal	1535.80	6/11/2014	1540.50
					7/8/2014	1540.05
					8/5/2014	1540.04
					9/10/2014	1540.45
					10/14/2014	1541.22
					11/24/2014	1541.25
					12/22/2014	1541.39
					1/13/2015	1541.40
					2/11/2015	1541.32
					3/9/2015	1541.25
					4/16/2015	1541.12
					5/14/2015	1541.25
					6/23/2015	1541.01
					7/14/2015	1541.02
					8/11/2015	1541.02
					9/15/2015	1541.20
					10/13/2015	1533.14
					11/10/2015	1541.46
					12/9/2015	1541.30
					1/12/2016	1541.92
					2/10/2016	1541.51
					2/11/2016	1541.52
					3/14/2016	1540.93
					4/6/2016	1540.72
					5/4/2016	1541.33
					6/8/2016	1540.83
					7/19/2016	1541.22
					8/2/2016	1541.13
					9/13/2016	1541.08
					10/11/2016	1542.43
11/8/2016	1541.26					
12/7/2016	1541.36					
1/5/2017	1542.37					
2/6/2017	1542.17					
3/7/2017	1541.72					
4/4/2017	1541.32					
5/1/2017	1540.87					
6/9/2017	1540.39					
7/5/2017	1539.97					
8/14/2017	1539.89					
9/6/2017	1539.84					
10/4/2017	1539.66					
11/6/2017	1540.43					

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
PC-91	831730.00	26733100.00	Qal	1535.80	12/8/2017	1541.58
					1/3/2018	1541.55
					2/14/2018	1542.35
					3/9/2018	1542.46
					4/3/2018	1542.01
					5/7/2018	1541.42
					6/1/2018	1540.91
					7/13/2018	1540.64
					8/6/2018	1540.71
					9/6/2018	1541.07
					10/16/2018	1541.76
					11/5/2018	1541.69
12/6/2018	1541.66					
PC-92	831749.00	26733100.00	Qal	1520.46	2/12/2014	1541.22
					5/16/2014	1540.71
					5/14/2015	1541.24
					5/4/2016	1541.35
PC-94	832188.77	26733122.74	Qal	1535.58	2/12/2014	1536.70
					5/16/2014	1536.19
					8/5/2014	1535.76
					12/5/2014	1536.88
					1/21/2015	1536.93
					2/11/2015	1537.03
					5/14/2015	1536.87
					8/11/2015	1536.80
					11/10/2015	1537.00
					2/10/2016	1536.91
					5/4/2016	1536.95
					8/2/2016	1536.76
					11/8/2016	1536.87
					5/1/2017	1536.78
11/7/2017	1535.19					
5/7/2018	1535.93					
11/5/2018	1536.99					
PC-96	830896.37	26733451.04	Qal	1518.52	5/6/2014	1546.34
					5/5/2015	1546.60
					5/19/2016	1547.07
					5/1/2017	1545.75
					5/7/2018	1545.87
PC-97	831565.43	26733441.67	Qal	1520.88	1/14/2014	1544.69
					2/12/2014	1544.36
					3/12/2014	1544.20
					4/16/2014	1544.01

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
PC-97	831565.43	26733441.67	Qal	1520.88	5/16/2014	1543.89
					6/11/2014	1543.69
					7/8/2014	1543.37
					8/5/2014	1543.40
					9/10/2014	1543.74
					10/14/2014	1544.02
					11/14/2014	1544.27
					12/22/2014	1544.34
					1/13/2015	1544.31
					2/12/2015	1543.90
					3/9/2015	1543.85
					4/16/2015	1544.31
					5/14/2015	1544.11
					6/23/2015	1543.94
					7/14/2015	1543.90
					8/11/2015	1543.85
					9/15/2015	1544.00
					10/13/2015	1544.22
					11/10/2015	1544.08
					12/9/2015	1544.81
					1/12/2016	1545.09
					2/8/2016	1544.38
					2/10/2016	1544.33
					3/14/2016	1543.71
					4/6/2016	1543.59
					5/4/2016	1544.39
					6/8/2016	1544.13
					7/19/2016	1544.08
					8/2/2016	1543.99
					9/13/2016	1543.85
10/11/2016	1546.53					
11/8/2016	1544.13					
12/7/2016	1544.36					
1/5/2017	1545.07					
2/6/2017	1544.85					
3/7/2017	1544.06					
4/4/2017	1543.62					
5/1/2017	1543.16					
6/9/2017	1542.77					
7/5/2017	1542.24					
8/14/2017	1542.29					
9/6/2017	1541.70					
10/4/2017	1541.91					

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Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (ft amsl)
PC-97	831565.43	26733441.67	Qal	1520.88	11/6/2017	1542.83
					12/8/2017	1543.93
					1/3/2018	1543.70
					2/14/2018	1544.63
					3/9/2018	1544.47
					4/3/2018	1543.87
					5/7/2018	1543.19
					6/1/2018	1542.78
					7/13/2018	1543.63
					8/6/2018	1542.67
					9/6/2018	1543.41
					10/16/2018	1544.04
11/5/2018	1543.94					
12/6/2018	1543.92					
PC-98R	829522.36	26730261.00	Qal	1565.68	1/15/2014	1571.26
					2/13/2014	1570.48
					3/13/2014	1570.14
					4/17/2014	1569.91
					5/20/2014	1569.38
					6/12/2014	1569.17
					7/9/2014	1569.23
					8/7/2014	1569.76
					9/11/2014	1570.57
					10/15/2014	1570.84
					11/25/2014	1571.17
					12/30/2014	1570.82
					1/14/2015	1570.44
					1/20/2015	1570.33
					2/18/2015	1570.40
					3/11/2015	1571.16
					4/21/2015	1570.13
					5/20/2015	1570.46
					6/9/2015	1570.52
					7/15/2015	1570.51
8/13/2015	1570.83					
9/17/2015	1571.09					
10/15/2015	1571.01					
11/12/2015	1571.08					
12/7/2015	1576.22					
12/10/2015	1576.85					
12/16/2015	1573.95					
12/21/2015	1576.17					
12/29/2015	1573.63					

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Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (ft amsl)
PC-98R	829522.36	26730261.00	Qal	1565.68	1/12/2016	1572.60
					1/14/2016	1572.28
					1/25/2016	1571.43
					2/11/2016	1570.51
					2/22/2016	1570.23
					3/10/2016	1574.45
					3/21/2016	1569.63
					4/7/2016	1574.77
					4/19/2016	1572.48
					5/5/2016	1572.25
					5/16/2016	1572.32
					6/9/2016	1572.45
					7/20/2016	1572.05
					8/3/2016	1571.65
					8/8/2016	1571.62
					9/20/2016	1570.85
					10/12/2016	1570.77
					11/8/2016	1572.64
					2/6/2017	1573.88
					5/1/2017	1570.75
8/14/2017	1569.53					
11/6/2017	1574.62					
2/14/2018	1579.28					
5/7/2018	1571.17					
8/6/2018	1570.90					
11/5/2018	1572.11					
PC-101R	828711.65	26728107.93	Qal	1583.85	1/15/2014	1589.17
					2/13/2014	1588.97
					3/13/2014	1588.80
					4/17/2014	1588.55
					5/20/2014	1588.43
					6/12/2014	1588.38
					7/9/2014	1588.31
					8/7/2014	1588.91
					9/11/2014	1588.95
					10/15/2014	1589.11
					11/25/2014	1589.21
					12/29/2014	1589.31
					1/15/2015	1588.91
					2/12/2015	1589.72
					3/12/2015	1588.90
4/21/2015	1588.96					
5/20/2015	1588.92					

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Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (ft amsl)
PC-101R	828711.65	26728107.93	Qal	1583.85	6/25/2015	1588.86
					7/15/2015	1588.76
					8/12/2015	1588.93
					9/17/2015	1588.99
					10/14/2015	1590.06
					11/12/2015	1592.69
					12/10/2015	1589.59
					1/13/2016	1589.90
					2/11/2016	1589.53
					3/10/2016	1589.38
					4/7/2016	1589.17
					5/5/2016	1589.80
					6/13/2016	1590.14
					7/19/2016	1590.02
					8/3/2016	1588.04
					9/14/2016	1586.73
					10/12/2016	1593.07
					PC-103	829110.59
2/13/2014	1575.96					
3/13/2014	1575.90					
4/17/2014	1575.78					
5/20/2014	1575.46					
6/12/2014	1575.38					
7/9/2014	1575.60					
8/7/2014	1576.27					
9/11/2014	1577.04					
10/15/2014	1576.98					
11/25/2014	1576.78					
12/30/2014	1576.46					
1/14/2015	1575.96					
1/20/2015	1574.69					
2/18/2015	1575.98					
3/11/2015	1575.91					
4/21/2015	1576.26					
5/20/2015	1576.54					
6/25/2015	1576.32					
7/15/2015	1576.49					
8/12/2015	1576.75					

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Observation Well Name	Easting	Northing	Screened Stratigraphy	Mid-Screen Elevation (ft amsl)	Date of Measurement	Target (ft amsl)
PC-103	829110.59	26730205.91	Qal	1578.06	9/17/2015	1577.02
					10/15/2015	1576.77
					11/12/2015	1576.56
					12/10/2015	1571.56
					1/14/2016	1576.77
					2/12/2016	1571.15
					3/10/2016	1575.25
					4/7/2016	1576.75
					5/5/2016	1577.79
					6/9/2016	1578.75
					7/20/2016	1577.80
					8/3/2016	1577.31
					9/20/2016	1576.47
					10/12/2016	1576.89
					11/8/2016	1577.55
					2/6/2017	1578.00
					5/1/2017	1576.39
8/14/2017	1575.82					
11/6/2017	1576.83					
2/14/2018	1581.32					
5/7/2018	1576.60					
8/6/2018	1576.81					
11/5/2018	1577.14					
PC-107	827136.13	26729287.90	Qal	1601.90	4/28/2014	1607.24
					5/7/2014	1607.18
					1/21/2015	1607.07
					4/23/2015	1607.09
					5/27/2015	1606.99
					4/13/2016	1607.49
					5/19/2016	1607.83
					4/18/2017	1607.25
					5/1/2017	1604.64
5/3/2018	1607.38					
5/7/2018	1604.73					
PC-108	828526.51	26731913.27	Qal	1557.63	5/6/2014	1572.56
					1/20/2015	1573.11
					5/6/2015	1573.86
					5/19/2016	1576.11
					5/1/2017	1574.75
5/7/2018	1575.14					
PC-110	826777.94	26731928.09	Qal	1569.94	5/6/2014	1578.80
					1/19/2015	1578.27
					5/8/2015	1578.42

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
PC-110	826777.94	26731928.09	Qal	1569.94	5/19/2016	1579.67
					5/1/2017	1578.45
					5/7/2018	1579.12
PC-122	829674.87	26728145.44	Qal	1588.01	1/15/2014	1586.46
					2/13/2014	1586.39
					3/13/2014	1586.30
					5/20/2014	1585.73
					6/12/2014	1585.63
					7/9/2014	1585.50
					8/7/2014	1585.73
					9/12/2014	1585.74
					10/15/2014	1586.01
					12/30/2014	1586.79
					1/15/2015	1587.00
					2/13/2015	1586.91
					3/12/2015	1586.66
					4/17/2015	1586.38
					5/19/2015	1586.33
					6/24/2015	1585.75
					7/15/2015	1585.97
					8/12/2015	1586.00
					9/16/2015	1585.72
					10/14/2015	1585.63
					11/11/2015	1586.66
					12/10/2015	1587.02
					1/13/2016	1584.91
					2/11/2016	1584.62
					3/10/2016	1584.30
					4/7/2016	1584.45
					5/5/2016	1584.82
6/13/2016	1586.37					
7/19/2016	1585.69					
8/2/2016	1585.75					
9/14/2016	1585.32					
10/12/2016	1587.82					
11/8/2016	1587.85					
12/7/2016	1585.24					
1/5/2017	1585.38					
2/8/2017	1585.02					
3/7/2017	1584.83					
4/4/2017	1585.16					
5/1/2017	1584.73					
6/9/2017	1584.60					

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
PC-122	829674.87	26728145.44	Qal	1588.01	7/5/2017	1584.83
					8/15/2017	1585.13
					9/6/2017	1584.91
					10/4/2017	1584.53
					11/6/2017	1584.82
					12/8/2017	1585.18
					1/3/2018	1585.04
					2/14/2018	1585.19
					3/9/2018	1585.42
					4/3/2018	1585.23
					5/7/2018	1585.02
					6/1/2018	1584.86
					7/13/2018	1584.88
					8/6/2018	1585.39
9/6/2018	1585.33					
10/16/2018	1585.39					
11/5/2018	1585.27					
12/6/2018	1585.06					
PC-123	829484.73	26727358.61	Qal/xMCf/UMCf	1599.40	2/4/2014	1604.02
					5/6/2014	1603.82
					8/13/2014	1603.86
					12/4/2014	1604.01
					2/24/2015	1603.81
					5/5/2015	1603.51
					8/4/2015	1603.30
					11/3/2015	1603.11
					2/16/2016	1603.34
					5/9/2016	1603.30
					8/8/2016	1603.45
					11/16/2016	1603.55
					5/1/2017	1602.37
					11/6/2017	1603.50
5/7/2018	1603.35					
11/5/2018	1603.44					
PC-124	830132.64	26726741.67	Qal/xMCf/UMCf	1608.64	2/4/2014	1611.02
					4/7/2014	1610.82
					5/6/2014	1610.86
					8/13/2014	1610.78
					12/4/2014	1610.65
					1/22/2015	1610.41
					2/24/2015	1610.69
					3/30/2015	1610.51
5/5/2015	1610.46					

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
PC-124	830132.64	26726741.67	Qal/xMCf/UMCf	1608.64	6/6/2015	1610.51
					8/4/2015	1610.35
					9/18/2015	1610.35
					10/12/2015	1610.33
					11/4/2015	1610.35
					2/16/2016	1609.86
					3/4/2016	1610.22
					4/11/2016	1610.18
					5/9/2016	1610.25
					8/8/2016	1610.18
					11/8/2016	1610.31
					5/1/2017	1610.26
					11/6/2017	1610.18
					4/16/2018	1610.09
5/7/2018	1610.10					
11/5/2018	1610.37					
PC-125	829925.63	26726740.00	Qal/xMCf/UMCf	1609.41	2/4/2014	1612.35
					5/6/2014	1612.17
					8/13/2014	1612.18
					12/4/2014	1612.12
					2/24/2015	1612.02
					5/5/2015	1611.63
					8/4/2015	1611.30
					11/3/2015	1611.50
					2/16/2016	1610.99
					5/9/2016	1611.47
					8/8/2016	1609.56
					11/8/2016	1611.66
					5/1/2017	1611.41
					11/6/2017	1609.41
5/7/2018	1611.26					
11/5/2018	1611.61					
PC-126	829724.56	26726737.98	Qal	1607.90	2/4/2014	1612.80
					5/6/2014	1612.62
					8/13/2014	1612.66
					12/4/2014	1612.59
					1/22/2015	1612.07
					2/26/2015	1612.57
					5/5/2015	1612.08
					8/4/2015	1611.72
					11/3/2015	1611.88
					2/16/2016	1611.68
5/9/2016	1616.80					

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
PC-126	829724.56	26726737.98	Qal	1607.90	8/8/2016	1612.03
					11/8/2016	1612.18
					5/1/2017	1611.89
					11/6/2017	1611.92
					5/7/2018	1611.76
					11/5/2018	1612.07
PC-127	829316.56	26726735.86	Qal/xMCf/UMCf	1608.12	2/4/2014	1613.10
					4/7/2014	1614.18
					5/6/2014	1614.28
					8/13/2014	1612.68
					12/4/2014	1614.15
					1/22/2015	1614.11
					2/24/2015	1614.01
					3/30/2015	1613.64
					5/5/2015	1613.51
					6/7/2015	1613.64
					8/4/2015	1612.80
					9/18/2015	1613.25
					10/12/2015	1613.24
					11/3/2015	1613.27
					2/16/2016	1613.24
					4/11/2016	1613.21
					5/9/2016	1613.02
					8/8/2016	1613.45
11/8/2016	1613.51					
5/5/2017	1613.25					
11/6/2017	1613.24					
4/16/2018	1613.02					
5/7/2018	1613.01					
11/5/2018	1613.07					
PC-128	828953.82	26726732.52	Qal/xMCf/UMCf	1608.98	2/4/2014	1615.21
					5/6/2014	1615.00
					8/13/2014	1614.95
					12/4/2014	1615.10
					1/23/2015	1614.57
					2/24/2015	1614.81
					5/5/2015	1614.74
					8/10/2015	1614.83
					11/3/2015	1614.53
					2/16/2016	1614.45
					5/9/2016	1614.66
8/8/2016	1614.63					
11/8/2016	1615.01					

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
PC-128	828953.82	26726732.52	Qal/xMCf/UMCf	1608.98	5/1/2017	1614.44
					11/6/2017	1614.11
					5/7/2018	1614.07
					11/5/2018	1614.05
PC-129	828747.15	26726731.03	Qal	1609.09	2/4/2014	1615.63
					5/6/2014	1615.37
					8/13/2014	1615.72
					12/4/2014	1615.53
					1/23/2015	1615.24
					2/24/2015	1615.53
					5/5/2015	1615.45
					8/4/2015	1615.83
					11/3/2015	1615.14
					2/16/2016	1615.08
					5/9/2016	1615.49
					8/8/2016	1615.29
					11/8/2016	1615.75
					5/1/2017	1614.76
11/6/2017	1614.07					
5/7/2018	1614.16					
11/5/2018	1614.19					
PC-130	828538.02	26726729.58	Qal/xMCf/UMCf	1601.35	2/4/2014	1614.30
					4/7/2014	1613.98
					5/6/2014	1613.92
					8/13/2014	1614.22
					12/4/2014	1614.14
					2/24/2015	1613.95
					3/30/2015	1614.02
					5/5/2015	1613.97
					6/8/2015	1614.02
					8/4/2015	1614.16
					9/18/2015	1613.91
					10/12/2015	1613.98
					11/3/2015	1613.90
					2/16/2016	1613.79
					3/4/2016	1613.80
					4/11/2016	1613.28
5/9/2016	1618.56					
8/8/2016	1613.97					
11/8/2016	1614.53					
5/1/2017	1613.12					
11/6/2017	1612.01					
4/16/2018	1613.28					

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
PC-130	828538.02	26726729.58	Qal/xMCf/UMCf	1601.35	5/7/2018	1612.11
					11/5/2018	1612.10
PC-131	828123.05	26726725.49	Qal/xMCf/UMCf	1609.65	2/4/2014	1622.72
					5/6/2014	1622.37
					8/13/2014	1622.65
					12/4/2014	1622.38
					2/24/2015	1622.34
					5/6/2015	1622.29
					8/4/2015	1622.11
					11/3/2015	1622.08
					2/16/2016	1621.78
					5/9/2016	1622.12
					8/8/2016	1622.18
					11/8/2016	1622.35
					5/1/2017	1621.87
11/6/2017	1621.29					
5/7/2018	1621.49					
11/5/2018	1621.32					
PC-132	827913.71	26726723.41	Qal/xMCf/UMCf	1610.40	5/6/2014	1624.92
					8/13/2014	1625.07
					12/4/2014	1624.78
					1/22/2015	1624.80
					2/24/2015	1624.83
					5/5/2015	1624.78
					8/4/2015	1624.71
					11/3/2015	1624.69
					2/16/2016	1624.57
					5/9/2016	1624.85
					8/8/2016	1624.68
					11/8/2016	1624.63
					5/1/2017	1624.73
11/6/2017	1624.58					
5/7/2018	1624.64					
11/5/2018	1624.49					
PC-134A	828775.55	26728143.21	UMCf	1554.24	5/7/2014	1589.04
					5/7/2015	1588.67
					5/10/2016	1590.31
					5/1/2017	1585.66
					5/7/2018	1582.67
PC-134D	828857.10	26728169.65	UMCf	1533.82	1/26/2015	1591.39
					2/11/2016	1591.91
					6/15/2016	1592.29
					9/13/2016	1591.05

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
PC-134D	828857.10	26728169.65	UMCf	1533.82	11/8/2016	1592.80
					5/1/2017	1590.02
					11/6/2017	1588.02
					5/7/2018	1588.33
					11/5/2018	1588.89
PC-135A	828767.26	26728143.10	Qal	1578.29	2/5/2014	1589.37
					5/7/2014	1588.86
					8/15/2014	1589.10
					12/5/2014	1589.67
					2/25/2015	1589.24
					5/7/2015	1589.40
					8/10/2015	1589.10
					11/4/2015	1590.62
					2/17/2016	1589.44
					5/10/2016	1590.23
					8/3/2016	1588.73
					11/8/2016	1590.59
					5/1/2017	1585.88
					11/6/2017	1581.84
5/7/2018	1582.37					
11/5/2018	1582.89					
PC-136	829517.66	26728191.40	Qal	1587.12	2/13/2014	1585.51
					5/7/2014	1585.00
					8/15/2014	1583.83
					12/5/2014	1585.52
					2/25/2015	1586.00
					5/20/2015	1585.41
					8/10/2015	1585.20
					11/4/2015	1585.25
					2/17/2016	1583.76
					5/10/2016	1583.88
					8/3/2016	1584.63
					11/8/2016	1585.43
					5/1/2017	1584.01
					11/6/2017	1584.02
5/7/2018	1584.17					
11/5/2018	1584.56					
PC-137	829517.49	26728199.02	UMCf	1550.59	5/7/2014	1583.36
					5/20/2015	1583.69
					5/10/2016	1582.92
					5/5/2017	1585.56
					5/7/2018	1585.15
PC-137D	829522.54	26728198.37	UMCf	1533.79	1/26/2015	1587.03

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
PC-137D	829522.54	26728198.37	UMCf	1533.79	2/11/2016	1589.47
					6/15/2016	1590.18
					9/13/2016	1588.88
					11/8/2016	1590.09
					5/1/2017	1587.86
					11/6/2017	1586.49
					5/7/2018	1586.95
					11/5/2018	1587.22
PC-142	828435.75	26728106.95	Qal	1590.38	5/7/2014	1591.62
					5/27/2015	1591.92
					5/6/2016	1592.76
					5/1/2017	1589.38
					5/7/2018	1587.92
PC-143	828698.44	26728238.76	Qal	1572.15	5/7/2014	1589.01
					5/21/2015	1589.49
					5/10/2016	1590.28
					5/1/2017	1586.00
					5/7/2018	1582.75
PC-144	828903.52	26728223.91	Qal/UMCf	1584.32	1/15/2014	1588.49
					2/5/2014	1588.30
					3/13/2014	1588.14
					4/17/2014	1587.96
					5/7/2014	1587.82
					6/12/2014	1587.76
					7/9/2014	1587.70
					8/15/2014	1589.00
					9/11/2014	1588.32
					10/15/2014	1588.44
					11/25/2014	1588.42
					12/29/2014	1588.55
					1/15/2015	1588.40
					2/12/2015	1588.11
					3/12/2015	1588.09
					4/21/2015	1588.10
					5/20/2015	1588.11
					6/25/2015	1588.05
					7/15/2015	1587.97
					8/10/2015	1588.07
9/17/2015	1588.21					
10/15/2015	1588.69					
11/12/2015	1589.93					
12/28/2015	1589.20					
1/13/2016	1588.71					

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
PC-144	828903.52	26728223.91	Qal/UMCf	1584.32	2/11/2016	1588.72
					3/10/2016	1588.43
					4/7/2016	1588.26
					5/5/2016	1588.79
					6/13/2016	1589.15
					7/19/2016	1590.29
					8/3/2016	1588.13
					9/14/2016	1586.92
					10/12/2016	1590.43
					11/8/2016	1589.50
					5/1/2017	1585.46
					11/6/2017	1582.21
5/7/2018	1582.71					
11/5/2018	1583.36					
PC-145	829535.99	26728324.84	Qal	1583.50	5/7/2014	1584.62
					5/20/2015	1585.02
					5/10/2016	1583.83
					5/1/2017	1583.63
					5/7/2018	1583.79
PC-147	829767.43	26728153.08	Qal	1591.08	5/7/2014	1586.39
					5/1/2017	1589.69
					5/7/2018	1589.55
PC-148	829249.15	26728124.48	UMCf	1583.70	2/5/2014	1589.63
					5/7/2014	1589.55
					8/15/2014	1589.83
					12/5/2014	1590.32
					2/27/2015	1590.20
					5/21/2015	1590.13
					8/10/2015	1590.05
					11/5/2015	1590.67
					2/12/2016	1590.63
					5/10/2016	1588.96
					8/8/2016	1589.00
					11/8/2016	1589.81
					5/1/2017	1586.99
					11/6/2017	1585.73
5/7/2018	1585.57					
11/5/2018	1585.87					
PC-149	829117.81	26728123.00	Qal/UMCf	1584.66	2/5/2014	1589.50
					5/7/2014	1589.04
					8/15/2014	1589.28
					12/5/2014	1589.72
					2/27/2015	1589.41

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
PC-149	829117.81	26728123.00	Qal/UMCf	1584.66	5/21/2015	1589.42
					8/10/2015	1589.41
					11/5/2015	1590.15
					2/12/2016	1589.94
					5/10/2016	1589.58
					8/8/2016	1589.40
					11/8/2016	1590.50
					5/1/2017	1586.87
					11/6/2017	1585.37
					5/7/2018	1585.19
11/5/2018	1585.59					
PC-151	826961.71	26726718.50	Qal/UMCf	1620.90	1/26/2015	1631.14
					2/11/2016	1631.13
					6/13/2016	1630.76
					9/12/2016	1630.94
					11/8/2016	1630.92
					5/1/2017	1631.19
					11/6/2017	1631.05
					5/7/2018	1631.25
11/5/2018	1630.80					
PC-152	827332.69	26726722.50	Qal/UMCf	1617.46	1/26/2015	1627.96
					2/11/2016	1628.43
					6/13/2016	1628.35
					9/12/2016	1628.21
					11/8/2016	1628.24
					5/1/2017	1628.30
					11/6/2017	1628.57
					5/7/2018	1628.33
11/5/2018	1628.01					
PC-153	827665.97	26726720.80	Qal	1616.21	1/26/2015	1625.81
					2/11/2016	1625.96
					6/13/2016	1625.93
					9/12/2016	1625.92
					11/8/2016	1625.93
PC-153R	827665.62	26726723.98	Qal	1616.07	10/19/2017	1625.77
					11/6/2017	1625.98
					5/7/2018	1625.85
					11/5/2018	1625.67
PC-154	827203.63	26728095.14	Qal	1609.62	1/23/2015	1614.49
					3/12/2015	1614.63
					2/10/2016	1614.52
					6/14/2016	1614.69
					9/13/2016	1614.61

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
PC-154	827203.63	26728095.14	Qal	1609.62	11/8/2016	1614.64
					5/1/2017	1614.72
					11/6/2017	1614.39
					5/7/2018	1614.63
					11/6/2018	1614.11
PC-155A	830687.33	26734078.92	Qal	1532.65	5/6/2015	1542.39
					2/9/2016	1542.60
					6/15/2016	1542.52
					9/14/2016	1542.38
					11/8/2016	1542.36
					5/1/2017	1542.37
					11/7/2017	1542.33
					5/7/2018	1540.92
11/5/2018	1542.98					
PC-155B	830681.56	26734087.49	Qal/UMCf	1509.88	5/6/2015	1543.05
					2/9/2016	1543.45
					6/15/2016	1543.30
					9/14/2016	1543.22
					11/8/2016	1543.34
					5/1/2017	1543.20
					11/6/2017	1543.22
					5/7/2018	1541.76
11/5/2018	1543.85					
PC-156A	831227.64	26733839.41	Qal	1531.86	5/5/2015	1541.23
					2/10/2016	1541.63
					6/14/2016	1541.32
					9/14/2016	1541.25
					11/8/2016	1541.34
					5/1/2017	1540.06
					11/6/2017	1540.57
					5/7/2018	1540.69
11/5/2018	1541.68					
PC-156B	831219.96	26733845.83	Qal	1512.12	5/6/2015	1540.32
					2/10/2016	1540.41
					6/14/2016	1540.61
					9/14/2016	1540.36
					11/8/2016	1540.39
					5/1/2017	1540.19
					11/6/2017	1540.06
					5/7/2018	1539.12
11/5/2018	1540.66					
PC-157A	831609.73	26733942.94	Qal	1528.45	5/6/2015	1537.81
					2/9/2016	1537.95

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
PC-157A	831609.73	26733942.94	Qal	1528.45	6/14/2016	1538.00
					9/14/2016	1537.85
					11/8/2016	1537.82
					5/1/2017	1537.84
					11/6/2017	1537.52
					5/7/2018	1537.97
					11/5/2018	1538.14
PC-157B	831603.72	26733956.02	Qal	1509.96	5/6/2015	1537.73
					2/9/2016	1537.65
					6/14/2016	1537.96
					9/14/2016	1537.99
					11/8/2016	1537.85
					5/1/2017	1537.76
					11/6/2017	1537.63
					5/7/2018	1537.07
11/5/2018	1538.08					
PC-158	827714.08	26728109.91	Qal	1605.89	1/23/2015	1605.82
					3/12/2015	1607.69
					2/10/2016	1607.51
					6/14/2016	1607.97
					9/13/2016	1607.66
					11/8/2016	1607.99
					5/1/2017	1607.81
					11/6/2017	1607.56
					5/7/2018	1607.55
11/5/2018	1607.12					
PC-159	827903.56	26728109.57	Qal	1603.23	1/23/2015	1604.05
					3/11/2015	1605.59
					2/10/2016	1605.40
					6/16/2016	1605.79
					9/13/2016	1605.55
					11/8/2016	1605.92
					5/1/2017	1605.65
					11/6/2017	1604.80
					5/7/2018	1605.47
11/5/2018	1605.38					
PC-160	828112.16	26728119.66	Qal	1601.22	1/26/2015	1605.03
					3/12/2015	1605.71
					2/10/2016	1605.68
					6/16/2016	1605.73
					9/14/2016	1605.51
					11/8/2016	1605.86
5/1/2017	1605.87					

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
PC-160	828112.16	26728119.66	Qal	1601.22	11/6/2017	1605.29
					5/7/2018	1605.38
					11/5/2018	1605.40
PC-161	827259.81	26726014.91	Qal	1623.56	10/31/2017	1637.80
PC-162	827698.77	26725991.61	Qal/UMCf	1617.02	10/31/2017	1636.00
PC-163	828746.75	26725983.51	Qal/UMCf	1625.74	10/31/2017	1626.43
PC-164	829707.27	26725990.28	Qal	1623.96	10/30/2017	1624.62
PC-165	826389.35	26725165.16	Qal	1634.96	11/1/2017	1647.90
PC-166	827154.57	26725168.00	Qal	1634.06	10/30/2017	1643.48
PC-168	829464.63	26724613.40	Qal	1639.01	11/14/2018	1644.07
PC-169	829957.73	26724817.60	Qal	1640.82	10/30/2017	1639.46
PC-170	826301.63	26723994.94	Qal/UMCf	1644.84	10/24/2017	1656.92
PC-170R	826301.40	26724010.94	Unknown	1644.46	3/29/2018	1657.54
PC-171	826951.90	26723883.43	Qal/UMCf	1653.48	10/17/2017	1654.99
PC-172D	829770.40	26723849.60	UMCf	1637.87	11/14/2018	1653.34
PC-173	826206.72	26723015.54	Qal	1659.73	10/24/2017	1665.46
PC-174	828531.19	26722709.81	Qal	1678.49	10/30/2017	1672.87
PC-175	829294.08	26722813.93	Qal	1666.57	11/2/2017	1669.87
PC-176	828508.70	26726728.60	UMCf	1566.02	11/14/2018	1612.01
PC-177	829465.29	26727152.97	UMCf	1575.59	10/31/2017	1605.70
PC-178	829662.32	26730239.00	UMCf	1532.62	11/1/2017	1572.95
PC-179	827911.03	26723708.18	UMCf	1632.95	10/30/2017	1663.10
PC-180	826665.53	26722685.90	UMCf	1656.44	10/24/2017	1668.88
PC-181	826672.32	26722686.53	UMCf	1636.43	10/24/2017	1669.82
PC-182	826679.20	26722686.70	UMCf	1616.45	10/24/2017	1669.59
PC-183	826911.43	26722688.73	UMCf	1655.38	10/24/2017	1671.68
PC-184	826918.12	26722689.07	UMCf	1635.55	10/24/2017	1670.82
PC-185	826925.52	26722689.54	UMCf	1615.48	10/24/2017	1670.48
PC-186	827649.97	26722690.91	Qal	1666.52	11/3/2017	1674.98
PC-187	827101.09	26722192.88	UMCf	1653.77	10/24/2017	1677.84
PC-187R	827122.59	26722191.90	Unknown	1653.72	3/29/2018	1677.67
PC-188	827786.61	26721422.85	UMCf	1662.15	11/2/2017	1684.67
PC-189	828286.76	26721326.40	UMCf	1663.70	11/2/2017	1688.33
PC-190	827758.31	26726372.97	Qal	1616.12	10/30/2017	1628.49
PC-191	828201.37	26728788.95	Qal	1584.85	11/1/2017	1591.50
PC-192	828787.63	26723971.86	UMCf	1631.54	10/30/2017	1658.23
PC-193	828735.61	26725983.28	UMCf	1600.69	10/31/2017	1626.60
PC-194	828017.92	26726725.63	UMCf	1583.35	10/31/2017	1624.36
PC-195	828659.53	26728440.41	UMCf	1545.43	11/1/2017	1585.22
PC-196	829063.82	26728468.17	UMCf	1545.43	11/1/2017	1584.70
PC-197	829518.00	26728648.39	UMCf	1542.90	11/2/2017	1582.71
PMW-1	826468.90	26733318.20	Qal/xMCf	1562.70	5/12/2014	1571.25
					5/4/2015	1571.66

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
PMW-1	826468.90	26733318.20	Qal/xMCf	1562.70	4/25/2016	1572.28
					5/7/2017	1572.60
					5/10/2018	1573.05
PMW-2	826596.00	26733317.72	Qal/xMCf	1551.40	5/12/2014	1571.87
					5/4/2015	1572.12
					4/25/2016	1572.72
					5/7/2017	1571.91
					5/10/2018	1572.32
PMW-3	826688.80	26733346.40	Qal/xMCf	1550.70	5/12/2014	1571.25
					5/4/2015	1571.50
					4/25/2016	1572.10
					5/9/2017	1571.85
					4/25/2018	1572.41
PMW-4	826635.40	26733437.00	Qal/xMCf	1553.20	5/12/2014	1570.90
					5/4/2015	1571.20
					4/25/2016	1571.80
					5/9/2017	1571.45
					4/25/2018	1572.14
PMW-5	826814.80	26733442.70	Qal/xMCf	1547.30	5/12/2014	1570.50
					5/4/2015	1570.85
					5/11/2016	1572.60
					5/15/2017	1571.05
					5/10/2018	1571.60
PMW-6	826821.60	26733562.00	Qal/xMCf	1548.20	5/12/2014	1570.32
					5/4/2015	1570.55
					5/11/2016	1572.30
					5/15/2017	1570.80
					4/26/2018	1571.44
PMW-7	826962.08	26733788.69	Qal/xMCf	1550.85	5/14/2014	1569.02
					5/4/2015	1568.82
					4/8/2016	1569.36
					4/25/2016	1569.87
					5/9/2017	1569.57
					4/30/2018	1570.03
PMW-8	827253.76	26733988.93	Qal/xMCf	1545.37	5/15/2014	1567.36
					5/4/2015	1567.76
					4/8/2016	1567.70
					4/25/2016	1568.31
					5/9/2017	1568.01
					4/30/2018	1568.40
POD2-R	831955.50	26724825.40	Qal	1621.30	4/7/2014	1609.69
					3/30/2015	1609.67
					6/3/2015	1609.67

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
POD2-R	831955.50	26724825.40	Qal	1621.30	9/18/2015	1609.55
					10/12/2015	1609.58
					3/4/2016	1609.59
					4/16/2018	1609.76
POD2-R2	831879.04	26724833.55	Qal/UMCf	1622.50	2/4/2015	1633.87
					3/1/2015	1624.81
					3/2/2015	1623.01
					3/3/2015	1623.50
					6/1/2015	1622.85
					6/2/2015	1626.13
					6/3/2015	1626.10
					9/1/2015	1619.92
					9/2/2015	1625.84
					9/3/2015	1627.91
					12/1/2015	1619.61
					12/2/2015	1623.50
12/3/2015	1631.55					
POD5	831337.70	26723287.60	Unknown	1660.50	4/7/2014	1620.61
POD5-R	831382.90	26723030.30	Qal	1671.57	2/4/2015	1668.32
					3/1/2015	1663.66
					3/2/2015	1664.17
					3/3/2015	1663.87
					6/1/2015	1662.92
					6/2/2015	1665.45
					6/3/2015	1664.87
					9/1/2015	1662.19
					9/2/2015	1664.67
					9/3/2015	1665.07
					12/1/2015	1662.39
					12/2/2015	1663.57
12/3/2015	1667.27					
POD6-R	832061.50	26723201.00	Qal	1664.60	2/4/2015	1669.18
					3/1/2015	1660.59
					3/2/2015	1662.89
					3/3/2015	1661.99
					6/1/2015	1659.01
					6/2/2015	1663.91
					6/3/2015	1663.14
					9/1/2015	1657.91
					9/2/2015	1661.81
					9/3/2015	1662.59
					12/1/2015	1659.73
					12/2/2015	1660.09

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
POD6-R	832061.50	26723201.00	Qal	1664.60	12/3/2015	1668.19
POD8	833586.10	26724789.80	Qal	1633.66	4/7/2014	1620.61
					12/17/2014	1620.50
					6/4/2015	1620.49
					6/9/2015	1620.61
					9/18/2015	1620.39
					10/12/2015	1620.63
					3/4/2016	1621.20
					4/11/2016	1621.33
					4/4/2018	1622.60
4/16/2018	1622.38					
POU3	831329.98	26721664.71	Qal	1678.00	12/16/2014	1688.69
					2/4/2015	1694.74
					3/1/2015	1695.15
					3/2/2015	1694.20
					3/3/2015	1693.61
					6/1/2015	1694.89
					6/2/2015	1694.51
					6/3/2015	1693.72
					6/5/2015	1688.54
					9/1/2015	1694.12
					9/2/2015	1693.94
					9/3/2015	1693.51
					12/1/2015	1693.88
					12/2/2015	1693.51
12/3/2015	1694.21					
4/4/2018	1688.73					
PWX-8	826467.82	26733378.19	Qal/xMCf	1553.63	4/21/2014	1572.00
					4/27/2015	1571.86
					4/25/2016	1572.26
					4/19/2017	1572.56
					6/6/2018	1571.79
PWX-10	826467.36	26733438.63	Qal/xMCf	1558.52	4/21/2014	1559.86
					4/27/2015	1572.10
					4/25/2016	1572.53
					4/19/2017	1572.61
PX-15	824769.31	26727968.37	Qal	1617.60	4/28/2014	1614.87
					5/13/2015	1613.69
					5/3/2016	1613.49
					5/16/2017	1615.64
4/23/2018	1616.39					
PX-40	824778.75	26727968.45	UMCf	1590.60	5/18/2014	1614.59
					5/13/2015	1613.44

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
PX-40	824778.75	26727968.45	UMCf	1590.60	5/3/2016	1613.29
					5/16/2017	1614.86
					4/23/2018	1616.00
PY-14	825017.12	26727951.78	Qal/xMCf	1618.40	4/28/2014	1614.09
					5/13/2015	1612.73
					5/3/2016	1612.58
					5/16/2017	1614.89
					4/23/2018	1614.98
RIT-06	827297.20	26733433.87	Qal	1543.14	5/14/2014	1568.88
					5/4/2015	1569.16
					4/8/2016	1569.17
					4/26/2016	1569.73
					5/9/2017	1569.80
RIT-09	826985.12	26733414.54	Qal/xMCf	1544.20	4/26/2018	1570.36
					5/14/2014	1569.66
					5/4/2015	1569.92
					4/27/2016	1570.51
					5/9/2017	1570.75
RIT-10	827280.16	26733679.41	Qal	1544.72	4/26/2018	1571.36
					5/14/2014	1568.35
					5/4/2015	1568.65
					4/8/2016	1568.67
					4/27/2016	1569.15
SB-1-8	824928.20	26731968.90	Qal/xMCf	1592.20	5/9/2017	1568.65
					5/10/2018	1569.33
					4/23/2014	1587.56
					4/16/2015	1587.40
					4/26/2016	1587.40
SB-3-13	824433.70	26731978.50	Qal/xMCf	1594.70	5/15/2017	1587.40
					5/6/2018	1587.45
					4/23/2014	1598.89
					4/16/2015	1598.70
					4/26/2016	1599.00
SBMW-4-4	823397.50	26732849.20	Qal/xMCf	1600.10	5/15/2017	1598.90
					5/6/2018	1598.95
					4/30/2014	1606.66
					4/16/2015	1606.80
					5/2/2016	1607.15
SENTRY-1	828813.44	26720436.84	Qal	1707.10	5/15/2017	1606.96
					5/6/2018	1606.82
					4/30/2014	1710.31
					4/25/2015	1710.31
					6/29/2015	1710.23

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
SENTRY-1	828813.44	26720436.84	Qal	1707.10	9/18/2015	1710.13
					10/12/2015	1710.16
					3/4/2016	1710.24
					4/11/2016	1710.20
					4/16/2018	1709.75
SENTRY-2	828898.34	26719427.87	Qal	1731.48	3/30/2015	1730.41
					4/26/2015	1730.41
					6/29/2015	1730.05
					9/18/2015	1729.87
					10/12/2015	1729.86
					3/4/2016	1729.72
					4/11/2016	1729.79
					4/16/2018	1730.78
SENTRY-3	829106.73	26718413.35	Qal	1753.08	3/30/2015	1752.03
					4/27/2015	1752.03
					6/29/2015	1751.73
					9/18/2015	1751.55
					10/12/2015	1751.61
					3/4/2016	1751.54
					4/11/2016	1751.43
4/16/2018	1753.05					
SWMW-1	829406.85	26720205.91	Qal/xMCf	1715.35	4/7/2014	1718.19
					10/6/2014	1719.41
					3/30/2015	1719.22
					4/30/2015	1719.22
					6/29/2015	1719.30
					9/18/2015	1719.21
					10/12/2015	1718.93
					3/4/2016	1718.85
					4/11/2016	1718.82
4/16/2018	1719.23					
SWMW-1AR	829418.38	26720233.33	Qal/xMCf	1706.69	4/8/2014	1708.86
					10/6/2014	1709.71
					3/30/2015	1710.18
					5/1/2015	1710.18
					6/29/2015	1710.25
					9/18/2015	1710.34
					10/12/2015	1710.35
					3/4/2016	1710.19
					4/11/2016	1709.97
4/16/2018	1711.96					
SWMW-2	829950.50	26719951.07	Qal/xMCf	1714.55	4/7/2014	1726.88
					10/6/2014	1727.71

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
SWMW-2	829950.50	26719951.07	Qal/xMCf	1714.55	3/30/2015	1727.49
					5/2/2015	1727.49
					6/29/2015	1727.25
					9/18/2015	1727.66
					10/12/2015	1727.27
					3/4/2016	1727.04
					4/11/2016	1727.04
					4/16/2018	1727.24
SWMW-2A	829956.56	26719968.18	Qal/xMCf	1710.04	4/7/2014	1713.16
					10/6/2014	1714.91
					3/30/2015	1715.14
					5/3/2015	1715.14
					6/29/2015	1714.99
					9/18/2015	1715.08
					10/12/2015	1715.01
					3/4/2016	1714.91
					4/11/2016	1714.49
					4/16/2018	1716.97
SWMW-3	830480.18	26719666.79	Qal/xMCf	1723.32	4/7/2014	1730.61
					10/6/2014	1731.13
					3/30/2015	1731.28
					5/4/2015	1731.28
					6/29/2015	1731.17
					9/18/2015	1730.77
					10/12/2015	1730.77
					3/4/2016	1730.44
					4/11/2016	1731.08
					4/16/2018	1730.37
SWMW-3A	830500.96	26719711.07	Qal/xMCf	1718.81	4/7/2014	1720.55
					10/6/2014	1718.12
					3/30/2015	1717.95
					5/5/2015	1717.95
					6/29/2015	1717.71
					9/18/2015	1717.60
					10/12/2015	1717.67
					3/4/2016	1717.45
					4/11/2016	1717.42
					4/16/2018	1718.27
TIMETMW-1	830090.23	26718339.19	Qal	1756.70	4/7/2014	1756.31
					10/6/2014	1755.47
					3/30/2015	1754.96
					4/7/2015	1754.96
					9/18/2015	1754.79

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
TIMETMW-1	830090.23	26718339.19	Qal	1756.70	10/12/2015	1754.81
					3/4/2016	1754.47
					4/11/2016	1754.42
					4/16/2018	1754.86
TIMETMW-3R	829483.25	26716571.73	xMCf	1787.10	4/7/2014	1788.06
					10/6/2014	1786.83
					3/30/2015	1785.40
					4/4/2015	1785.40
					6/29/2015	1785.46
					9/18/2015	1785.13
					10/12/2015	1785.11
					3/4/2016	1784.83
					4/11/2016	1784.72
					4/16/2018	1784.88
TIMETMW-4	830973.92	26718582.87	Qal	1750.10	4/7/2014	1750.25
					10/6/2014	1748.99
					3/1/2015	1749.43
					3/2/2015	1749.13
					3/3/2015	1749.25
					3/30/2015	1748.91
					4/10/2015	1748.91
					6/1/2015	1749.06
					6/2/2015	1748.61
					6/3/2015	1748.56
					6/29/2015	1748.72
					9/1/2015	1748.66
					9/2/2015	1748.61
					9/3/2015	1748.50
					9/18/2015	1748.53
					10/12/2015	1748.56
					12/1/2015	1748.84
12/2/2015	1749.61					
12/3/2015	1749.19					
3/4/2016	1748.40					
4/11/2016	1748.36					
4/16/2018	1748.74					
TIMETMW-5	830385.81	26718063.61	Qal	1762.80	4/7/2014	1762.03
					10/6/2014	1761.46
					3/30/2015	1761.25
					4/6/2015	1761.25
					6/29/2015	1761.23
					9/18/2015	1761.12
10/12/2015	1761.10					

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
TIMETMW-5	830385.81	26718063.61	Qal	1762.80	3/4/2016	1760.88
					4/11/2016	1760.87
					4/16/2018	1761.20
TIMETMW-6R	829221.18	26717836.95	Qal	1763.33	4/7/2014	1768.44
					10/6/2014	1767.54
					3/30/2015	1766.92
					4/5/2015	1766.92
					6/29/2015	1766.70
					9/18/2015	1766.67
					10/12/2015	1766.73
					3/4/2016	1766.43
					4/11/2016	1766.47
4/16/2018	1767.14					
TIMETMW-7	829216.55	26720323.95	Qal/xMCf	1707.15	4/7/2014	1706.85
					10/6/2014	1706.82
					3/30/2015	1707.02
					4/22/2015	1707.02
					6/29/2015	1707.08
					9/18/2015	1707.02
					10/12/2015	1707.10
					3/4/2016	1707.01
4/11/2016	1706.90					
4/16/2018	1707.92					
TIMETMW-8	829869.45	26720009.86	Qal/xMCf	1714.52	4/7/2014	1714.15
					10/6/2014	1716.84
					3/30/2015	1717.27
					4/23/2015	1717.27
					6/29/2015	1716.94
					9/18/2015	1717.04
					10/12/2015	1716.82
					3/4/2016	1716.97
4/11/2016	1716.63					
4/16/2018	1719.24					
TIMETMW-9	830797.51	26719487.20	Qal/xMCf	1723.32	4/7/2014	1727.42
					10/6/2014	1726.05
					3/30/2015	1726.10
					4/24/2015	1726.10
					6/29/2015	1725.87
					9/18/2015	1725.79
					10/12/2015	1725.86
					3/4/2016	1725.51
4/11/2016	1725.45					
4/16/2018	1725.42					

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
TMMW-101	829462.76	26715285.26	Qal/UMCf	1795.60	4/7/2014	1809.94
					10/6/2014	1809.49
					3/30/2015	1808.14
					6/29/2015	1808.10
					9/18/2015	1809.38
					10/12/2015	1809.54
					3/4/2016	1808.49
					4/11/2016	1808.05
TMMW-102	830371.18	26715433.08	Qal/UMCf	1813.20	4/7/2014	1818.95
					10/6/2014	1818.68
					3/31/2015	1817.99
					6/29/2015	1819.31
					9/18/2015	1822.45
					10/12/2015	1821.25
					3/4/2016	1820.93
					4/11/2016	1821.15
TMMW-103	831325.82	26715583.05	Qal/UMCf	1808.20	4/7/2014	1817.31
					10/6/2014	1816.58
					3/30/2015	1817.01
					4/1/2015	1817.01
					6/29/2015	1816.24
					9/18/2015	1815.84
					10/12/2015	1815.82
					3/4/2016	1815.99
TMMW-104	832104.88	26715722.70	Qal/UMCf	1811.70	4/7/2014	1816.19
					10/6/2014	1817.41
					3/30/2015	1817.36
					4/2/2015	1817.36
					6/29/2015	1816.69
					9/18/2015	1816.70
					10/12/2015	1817.21
					3/4/2016	1817.88
TMPZ-112 / EWQal	831559.74	26718652.39	Qal	1748.94	4/7/2014	1747.50
					10/6/2014	1747.42
					3/30/2015	1737.56
					4/17/2015	1737.56
					6/29/2015	1747.07

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
TMPZ-112 / EWQal	831559.74	26718652.39	Qal	1748.94	9/18/2015	1747.08
					10/12/2015	1747.18
					3/4/2016	1747.14
					4/11/2016	1747.10
					4/16/2018	1747.48
TMPZ-201 / EWxMC	829635.35	26719949.98	xMCf	1692.37	3/30/2015	1724.89
					6/16/2015	1724.89
					6/29/2015	1724.22
					9/18/2015	1724.00
					10/12/2015	1724.04
					3/4/2016	1723.97
					4/16/2018	1724.56
TMPZ-203 / EWxMC	830483.50	26719560.74	xMCf	1693.80	6/29/2015	1731.66
					9/18/2015	1731.29
					10/12/2015	1731.29
					3/4/2016	1730.92
					4/16/2018	1730.71
TMPZ-204 / EWxMC	831184.84	26719008.85	xMCf/UMCf	1699.40	4/16/2018	1738.39
TMW-1	824490.09	26722443.19	Qal	1683.85	10/5/2015	1689.43
					4/5/2016	1689.51
					10/4/2016	1689.65
					4/3/2017	1689.90
					10/4/2017	1690.12
					4/2/2018	1690.18
					5/23/2018	1689.77
TMW-2	824473.66	26722428.27	Qal	1686.20	10/5/2015	1690.19
					4/5/2016	1690.30
					10/4/2016	1690.46
					4/3/2017	1690.76
					10/4/2017	1691.00
					4/2/2018	1691.06
					5/23/2018	1691.61
TMW-3	825730.52	26721507.20	Qal	1682.75	10/5/2015	1685.73
					4/4/2016	1685.76
					10/4/2016	1685.72
					4/3/2017	1686.35
					10/4/2017	1686.68
					4/3/2018	1686.60
					5/23/2018	1687.03
TMW-4	825718.30	26721493.34	Qal	1682.95	10/5/2015	1685.78
					4/4/2016	1685.71
					10/4/2016	1685.76
					4/3/2017	1686.35

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
TMW-4	825718.30	26721493.34	Qal	1682.95	10/4/2017	1686.69
					4/3/2018	1686.65
					5/23/2018	1687.06
TR-1	826167.60	26719957.93	UMCf	1453.06	5/15/2014	1761.64
					1/14/2015	1761.42
					5/20/2016	1751.18
					8/16/2017	1773.39
					5/7/2018	1773.58
TR-2	826156.18	26719954.86	UMCf	1589.98	5/12/2014	1726.80
					1/14/2015	1725.98
					1/16/2015	1726.05
					5/21/2015	1726.02
					5/20/2016	1726.02
					5/1/2017	1726.57
TR-3	826342.42	26718941.43	UMCf	1535.70	5/15/2014	1772.84
					1/15/2015	1772.84
					5/20/2016	1772.84
					8/16/2017	1782.84
					5/7/2018	1785.61
TR-4	826342.03	26718951.73	UMCf	1635.70	5/15/2014	1736.74
					1/14/2015	1736.35
					1/20/2015	1736.55
					5/18/2015	1736.57
					5/19/2016	1737.00
					5/2/2017	1742.32
TR-5	826595.32	26717591.92	UMCf	1561.49	5/15/2014	1800.27
					1/14/2015	1800.27
					5/18/2016	1800.27
					8/16/2017	1812.62
					5/30/2018	1808.00
TR-6	826593.83	26717608.59	UMCf	1727.74	5/13/2014	1763.12
					1/15/2015	1763.62
					5/18/2015	1764.01
					5/18/2016	1763.80
					5/1/2017	1766.36
					5/7/2018	1763.50
TR-7	826724.45	26716525.88	UMCf	1551.71	5/14/2014	1818.63
					1/12/2015	1819.51
					1/15/2015	1819.39
					5/18/2015	1819.76
					5/20/2016	1820.43

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
TR-7	826724.45	26716525.88	UMCf	1551.71	5/2/2017	1821.35
					5/7/2018	1822.22
TR-8	826722.60	26716512.21	UMCf	1748.74	1/12/2014	1779.63
					5/14/2014	1779.30
					1/27/2015	1779.28
					5/18/2015	1779.28
					5/20/2016	1779.07
					5/2/2017	1780.97
					5/7/2018	1780.18
TR-9	827559.74	26715753.16	UMCf	1611.85	5/13/2014	1818.48
					1/14/2015	1819.55
					1/20/2015	1819.56
					6/10/2015	1820.07
					5/17/2016	1820.49
					5/12/2017	1821.42
TR-10	827562.01	26715739.98	UMCf	1761.79	5/13/2014	1792.43
					1/20/2015	1791.47
					6/10/2015	1791.04
					5/17/2016	1790.96
					5/12/2017	1793.32
					5/16/2018	1791.61
TR-11	825422.22	26721918.32	UMCf	1494.37	5/15/2014	1732.64
					6/9/2014	1729.83
					1/15/2015	1729.26
					6/30/2015	1729.13
					4/5/2016	1728.43
					5/19/2016	1716.55
					4/5/2017	1728.67
					8/16/2017	1725.09
5/30/2018	1724.40					
TR-12	825285.93	26723272.38	UMCf	1411.18	5/19/2014	1695.71
					5/21/2015	1695.76
					5/20/2016	1695.63
					8/16/2017	1710.34
					5/30/2018	1708.26
TWA-20	823910.40	26725603.50	xMCf	1645.90	4/15/2014	1650.77
					4/21/2015	1650.00
					4/13/2016	1649.60
					4/11/2017	1650.10
					4/22/2018	1650.28
TWA-50	823921.80	26725613.40	UMCf	1615.20	4/15/2014	1649.41
					4/21/2015	1648.65

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
TWA-50	823921.80	26725613.40	UMCf	1615.20	4/13/2016	1648.05
					4/11/2017	1648.60
					4/22/2018	1649.00
TWA-180	823930.80	26725621.80	UMCf	1480.60	4/15/2014	1655.07
					4/21/2015	1654.61
					4/13/2016	1654.00
					4/11/2017	1654.10
					6/6/2018	1652.79
TWB-21	825054.30	26726461.00	xMCf/UMCf	1628.60	4/15/2014	1641.69
					5/6/2015	1641.20
					4/13/2016	1641.50
					4/10/2017	1641.00
					4/24/2018	1641.34
TWB-36	825066.10	26726470.20	UMCf	1613.70	5/20/2014	1641.35
					5/6/2015	1640.85
					4/11/2016	1641.30
					4/10/2017	1640.01
					4/24/2018	1641.01
TWB-51	825079.50	26726477.50	UMCf	1596.40	4/15/2014	1640.98
					5/6/2015	1640.50
					4/13/2016	1640.57
					6/4/2017	1640.50
					4/24/2018	1640.66
TWB-140	825090.20	26726488.90	UMCf	1504.90	4/15/2014	1639.93
					5/7/2015	1639.45
					4/11/2016	1639.15
					4/10/2017	1639.40
					4/24/2018	1639.60
TWBX-21	825214.90	26726338.40	UMCf	1630.40	4/15/2014	1642.41
					5/7/2015	1641.80
					4/11/2016	1644.75
					4/10/2017	1641.50
					5/1/2018	1641.95
TWBX-36	825223.60	26726346.20	UMCf	1615.10	4/15/2014	1642.36
					5/7/2015	1641.80
					4/11/2016	1641.70
					4/10/2017	1641.60
					5/1/2018	1641.93
TWBY-21	824976.90	26726538.30	xMCf/UMCf	1629.60	4/15/2014	1641.33
					5/6/2015	1640.85
					4/11/2016	1641.45
					4/10/2017	1640.70
					5/1/2018	1640.95

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
TWBY-36	824987.70	26726539.50	UMCf	1614.80	5/20/2014	1640.76
					5/6/2015	1640.30
					4/11/2016	1640.70
					4/10/2017	1640.20
					5/1/2018	1640.41
TWC-15	825243.90	26726761.20	xMCf/UMCf	1630.00	4/14/2014	1638.23
					4/20/2015	1637.86
					4/11/2016	1638.50
					4/11/2017	1637.85
					4/24/2018	1637.86
TWC-27	825251.13	26726747.94	UMCf	1620.70	4/14/2014	1638.16
					4/20/2015	1637.81
					4/13/2016	1638.41
					4/11/2017	1637.76
					4/24/2018	1637.79
TWC-35	825269.90	26726726.10	UMCf	1610.30	4/14/2014	1638.20
					4/20/2015	1637.85
					4/11/2016	1638.20
					4/11/2017	1637.80
					4/24/2018	1637.87
TWC-48	825263.10	26726714.00	UMCf	1592.50	4/14/2014	1638.18
					4/20/2015	1637.85
					4/11/2016	1637.95
					4/11/2017	1637.90
					4/24/2018	1637.89
TWC-126	825285.60	26726686.90	UMCf	1514.60	4/15/2014	1638.30
					4/20/2015	1637.95
					4/11/2016	1637.80
					4/11/2017	1637.91
					4/24/2018	1638.00
TWD1-17	824527.20	26725647.10	Qal/xMCf	1642.10	4/15/2014	1649.77
					4/23/2015	1648.90
					4/13/2016	1648.15
					4/11/2017	1647.50
					4/22/2018	1649.15
TWD4-15	824560.30	26725671.20	Qal/xMCf	1643.70	4/15/2014	1649.70
					4/23/2015	1648.83
					4/13/2016	1648.10
					4/11/2017	1648.51
					4/22/2018	1649.10
TWE-15	826426.20	26727676.60	xMCf	1616.90	4/14/2014	1624.38
					4/20/2015	1624.25
					4/11/2016	1624.75

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
TWE-15	826426.20	26727676.60	xMCf	1616.90	5/10/2017	1624.50
					4/9/2018	1624.35
TWE-18	826426.70	26727666.40	xMCf	1610.70	4/14/2014	1624.44
					4/20/2015	1624.30
					4/11/2016	1624.80
					5/7/2017	1624.55
					4/9/2018	1624.36
TWE-33	826427.00	26727656.30	UMCf	1594.20	4/14/2014	1624.74
					4/20/2015	1624.65
					4/11/2016	1624.95
					5/7/2017	1624.86
					4/9/2018	1624.65
TWE-51	826427.00	26727646.50	UMCf	1577.70	4/17/2014	1624.78
					4/20/2015	1624.60
					4/11/2016	1624.90
					5/7/2017	1624.80
					4/9/2018	1624.60
TWE-107	826427.80	26727636.60	UMCf	1517.00	4/17/2014	1624.94
					4/20/2015	1624.80
					4/11/2016	1624.65
					5/10/2017	1625.16
					4/9/2018	1624.81
TWH-14	825097.20	26727472.80	UMCf	1624.70	4/21/2014	1629.51
					4/20/2015	1629.56
					4/11/2016	1631.45
					4/10/2017	1630.70
					4/29/2018	1630.00
TWI	825501.20	26726290.60	Qal/xMCf	1639.30	4/23/2014	1642.24
					5/11/2015	1641.85
					4/19/2016	1641.90
					5/7/2017	1641.90
					5/10/2018	1641.65
UB4-15	826282.10	26733244.00	Qal/xMCf	1566.50	4/21/2014	1573.35
					4/27/2015	1573.10
					4/19/2016	1573.60
					4/19/2017	1573.40
					4/25/2018	1573.66
UD-2	826218.40	26733561.40	Qal	1571.20	4/23/2014	1572.53
					4/27/2015	1572.65
					4/26/2016	1573.00
					5/7/2017	1572.70
					5/10/2018	1573.15
UWO-16	826575.50	26733241.60	Qal/xMCf	1555.90	4/21/2014	1571.98

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
UWO-16	826575.50	26733241.60	Qal/xMCf	1555.90	5/4/2015	1571.70
					4/25/2016	1572.30
					4/19/2017	1572.50
					4/26/2018	1572.60
UXO-16	826778.31	26733263.60	Qal/xMCf	1553.50	4/21/2014	1571.00
					5/4/2015	1570.80
					4/25/2016	1571.40
					4/19/2017	1571.60
					4/26/2018	1571.72
UYO-16	827047.00	26733277.70	Qal/xMCf	1551.60	4/21/2014	1570.50
					5/4/2015	1570.30
					4/25/2016	1570.90
					4/19/2017	1571.00
					4/26/2018	1571.15
UZO-17	827323.40	26733274.00	Qal/xMCf	1551.50	4/21/2014	1569.89
					5/4/2015	1569.70
					4/25/2016	1570.30
					4/19/2017	1570.40
					4/26/2018	1570.55
W-S	824421.01	26722094.11	Qal	1680.05	4/13/2015	1693.72
					10/5/2015	1693.45
					4/4/2016	1693.48
					10/4/2016	1693.74
					4/11/2017	1694.19
					10/5/2017	1694.54
					4/3/2018	1694.37
					5/22/2018	1694.12
WELL-D	825138.29	26721790.83	Qal	1683.28	4/13/2015	1686.31
					10/5/2015	1685.81
					4/7/2016	1690.65
					10/4/2016	1685.75
					4/4/2017	1686.18
					4/28/2017	1686.10
					10/4/2017	1686.81
					4/3/2018	1685.61
5/22/2018	1687.79					
WELL-E	825258.28	26721709.81	Qal	1684.43	4/13/2015	1685.33
					10/5/2015	1685.02
					4/5/2016	1685.00
					10/4/2016	1685.00
					4/4/2017	1685.36
					10/4/2017	1686.52
10/10/2017	1686.08					

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
WELL-E	825258.28	26721709.81	Qal	1684.43	4/3/2018	1685.41
					5/22/2018	1686.50
WELL-H	825626.88	26721457.43	Qal	1683.26	10/5/2015	1685.50
					4/4/2016	1685.53
					10/4/2016	1685.49
					4/3/2017	1686.14
					10/4/2017	1686.39
					4/3/2018	1686.29
					5/23/2018	1686.68
WELL-M	825760.29	26721365.32	Qal	1678.69	6/9/2014	1686.79
					4/13/2015	1686.82
					10/5/2015	1686.48
					4/4/2016	1686.49
					10/4/2016	1686.44
					4/3/2017	1687.29
					4/28/2017	1687.03
					10/4/2017	1687.26
					4/2/2018	1687.26
5/23/2018	1687.50					
WMW6.9S	828430.55	26734539.19	Qal	1538.11	2/10/2014	1559.20
					6/9/2014	1558.53
					9/23/2014	1558.70
					12/22/2014	1559.10
					2/24/2015	1559.49
					5/26/2015	1559.09
					8/24/2015	1559.25
					11/23/2015	1559.34
					2/23/2016	1559.36
					4/5/2016	1559.17
					5/24/2016	1559.69
					8/22/2016	1559.55
					11/29/2016	1559.94
					2/21/2017	1560.53
					5/15/2017	1559.48
8/21/2017	1559.52					
11/27/2017	1559.98					
2/26/2018	1560.34					
5/21/2018	1559.70					
WMW6.15S	832119.74	26734098.93	Qal	1530.40	2/10/2014	1535.20
					6/9/2014	1534.28
					9/23/2014	1535.48
					12/22/2014	1535.28
					1/15/2015	1536.39

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
WMW6.15S	832119.74	26734098.93	Qal	1530.40	2/24/2015	1536.14
					5/26/2015	1535.47
					8/24/2015	1535.74
					11/23/2015	1535.38
					2/17/2016	1535.77
					2/23/2016	1535.06
					4/5/2016	1534.80
					5/24/2016	1535.96
					8/22/2016	1535.61
					11/29/2016	1534.42
					2/21/2017	1536.20
WMW6.55S	830218.73	26734351.02	Qal	1526.65	2/10/2014	1543.45
					6/9/2014	1543.24
					9/23/2014	1543.25
					12/22/2014	1543.42
					1/15/2015	1543.31
					2/24/2015	1543.58
					5/26/2015	1543.27
					8/24/2015	1543.21
					11/23/2015	1543.26
					2/17/2016	1543.17
					2/23/2016	1543.34
					4/5/2016	1543.22
					5/24/2016	1543.27
					8/22/2016	1543.25
11/29/2016	1548.59					
2/21/2017	1543.55					
5/15/2017	1543.21					
8/21/2017	1543.15					
11/27/2017	1543.30					
2/26/2018	1542.65					
5/21/2018	1542.46					
WS1-14	821616.20	26722663.10	xMCf	1694.00	4/24/2014	1704.20
					5/12/2015	1703.87
					4/19/2016	1703.90
					5/2/2017	1704.20
					4/18/2018	1704.31
WS2-15	822624.20	26722682.80	xMCf	1686.90	4/24/2014	1697.81
					5/12/2015	1697.18
					4/19/2016	1697.20
					5/10/2017	1698.46

TABLE E-1. OBSERVED GROUNDWATER ELEVATIONS 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 (ft amsl)
WS2-15	822624.20	26722682.80	xMCf	1686.90	4/18/2018	1698.00
WS4-11	823505.99	26722616.08	Qal	1690.18	5/20/2014	1695.14
					5/12/2015	1693.54
					4/19/2016	1695.29
					5/2/2017	1694.34
					4/18/2018	1695.53
WS5-10	820784.55	26722650.42	Qal	1704.53	4/14/2014	1713.01
					5/11/2015	1712.76
					4/19/2016	1712.91
					5/2/2017	1713.26
					4/18/2018	1713.12
WS5-40	820799.59	26722650.60	UMCf	1679.23	4/14/2014	1712.92
					5/11/2015	1712.66
					4/19/2016	1712.76
					5/2/2017	1713.12
					4/18/2018	1712.99
WS5-80	820814.63	26722650.92	UMCf	1633.99	5/20/2014	1714.91
					5/11/2015	1714.10
					4/19/2016	1714.05
					5/2/2017	1714.61
					4/18/2018	1714.34
ZX-11	819494.20	26722564.50	Qal	1717.20	5/6/2014	1729.75
					4/16/2015	1728.60
					4/19/2016	1728.65
					4/26/2017	1729.65
					4/17/2018	1729.20
ZX-45	819480.50	26722564.80	UMCf	1685.90	5/6/2014	1724.67
					4/16/2015	1725.45
					4/19/2016	1726.05
					4/26/2017	1726.80
					4/17/2018	1726.50
ZY-11	818099.90	26722535.50	Qal/xMCf/UMCf	1732.00	5/6/2014	1740.40
					4/16/2015	1740.55
					4/19/2016	1741.30
					4/26/2017	1741.50
					4/17/2018	1741.30

Notes:

ft amsl = feet above mean sea level

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