

DOE Oversight Bureau, New Mexico Environment Department

**Groundwater Monitoring at
Sandia National Laboratories/New Mexico**

**Conducted by the
New Mexico Environment Department DOE Oversight Bureau
for FFY 2013 Q-2**

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Final Report

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The purpose of this communication is to transmit groundwater data collected by the New Mexico Environment Department DOE Oversight Bureau from Technical Area-V groundwater monitoring wells during the second quarter of FFY 2013.

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Introduction

The New Mexico Environment Department (NMED) DOE Oversight Bureau (Bureau) has compiled and assessed groundwater data collected during February and March 2013. The Bureau collected groundwater samples from Technical Area-V (TAV) groundwater monitoring wells AVN-1, LWDS-MW1, LWDS-MW2, TAV-MW2, TAV-MW6, TAV-MW8, TAV-MW11, and TAV-MW13. Split samples were collected using standard Sandia National Laboratories/New Mexico (SNL/NM) sampling procedures and equipment. Bureau samples were submitted to an independent analytical laboratory where they were analyzed for total target analyte list (TAL) metals plus uranium, nitrate-nitrite, and volatile organic compounds (VOCs). Nitrate-nitrite exceeded the U.S. Environmental Protection Agency (EPA) maximum contaminant level (MCL) at monitoring well LWDS-MW1. Trichloroethylene (TCE) also exceeded the EPA MCL at monitoring wells LWDS-MW1 and TAV-MW6.

Data Assessment

All groundwater samples were collected and analyzed in accordance with U.S. EPA protocols. Data results are compared to applicable MCLs established by the EPA National Primary Drinking Water Regulations (40 CFR 141), National Primary Drinking Water Standards, EPA, July 2002.

Results

Analytical results for total TAL metals are listed in Table 1. All metal concentrations were below established MCLs.

Analytical results for nitrate-nitrite are listed in Table 2. Nitrate-nitrite concentration at LWDS-MW1 exceeded the MCL of 10 mg/L at a concentration of 11 mg/L. All other values were below the MCL.

Analytical results for VOCs detected above the method detection limit (MDL) are listed in Table 3. TCE concentrations detected at monitoring wells LWDS-MW1 and TAV-MW6 exceeded the EPA MCL of 5 µg/L. Concentrations were 17 µg/L and 9.8 µg/L, respectively. All other values were below established MCLs. Table 4 lists the laboratory method detection limits for the remaining VOCs.

References

U.S. EPA National Primary Drinking Water Regulations (40 CFR 141), National Primary Drinking Water Standards, EPA, July 2002.

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Table-1 NMED DOE OB FFY 2013 Q-2 Technical Area-V Groundwater Quality Results: Total TAL Metals + U

Monitoring Well/ Sample Date	Analyte	Result (mg/L)	EPA MCL (mg/L)	Quantitation Limit (mg/L)	MDL (mg/L)	Laboratory Qualifier	Analytical Method
AVN-1 18-Feb-13	Aluminum	0.051	NE	0.05	0.025		SW-846:6020
	Antimony	0.0002	0.006	0.002	0.0002	U	SW-846:6020
	Arsenic	0.0017	0.01	0.002	0.001	J	SW-846:6020
	Barium	0.081	2	0.001	0.0005		SW-846:6020
	Beryllium	0.0001	0.004	0.001	0.0001	U	SW-846:6020
	Cadmium	0.0005	0.005	0.001	0.0005	U	SW-846:6020
	Calcium	39	NE	0.05	0.03	B	SW-846:6020
	Chromium	0.014	0.1	0.002	0.001	^	SW-846:6020
	Cobalt	0.0006	NE	0.001	0.0006	U	SW-846:6020
	Copper	0.0011	1.3	0.002	0.001	J	SW-846:6020
	Iron	0.025	NE	0.05	0.025	U	SW-846:6020
	Lead	0.0006	0.015	0.001	0.0006	U	SW-846:6020
	Magnesium	9.9	NE	0.05	0.025		SW-846:6020
	Manganese	0.0016	NE	0.001	0.0004	^	SW-846:6020
	Mercury	0.0001	0.002	0.0002	0.0001	U	SW-846:7470A
	Nickel	0.0014	NE	0.002	0.0001	J	SW-846:6020
	Potassium	3.1	NE	0.05	0.025		SW-846:6020
	Selenium	0.0029	0.05	0.002	0.001		SW-846:6020
	Silver	0.0003	NE	0.001	0.0003	U	SW-846:6020
	Sodium	41	NE	0.05	0.025		SW-846:6020
	Thallium	0.0005	0.002	0.001	0.0005	U	SW-846:6020
	Tin	0.005	NE	0.02	0.005	U	SW-846:6010B
Uranium	0.0021	0.03	0.001	0.0002		SW-846:6020	
Vanadium	0.0058	NE	0.01	0.003	J	SW-846:6020	
Zinc	0.0051	NE	0.005	0.004		SW-846:6020	

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D = Dilution

J = Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

NE = Not Established

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Table-1 NMED DOE OB FFY 2013 Q-2 Technical Area-V Groundwater Quality Results: Total TAL Metals + U

Monitoring Well/ Sample Date	Analyte	Result (mg/L)	EPA MCL (mg/L)	Quantitation Limit (mg/L)	MDL (mg/L)	Laboratory Qualifier	Analytical Method
LWDS-MW1 11-Mar-13	Aluminum	0.025	NE	0.05	0.025	U	SW-846:6020
	Antimony	0.0002	0.006	0.002	0.0002	U	SW-846:6020
	Arsenic	0.0018	0.01	0.002	0.001	J	SW-846:6020
	Barium	0.088	2	0.001	0.0005		SW-846:6020
	Beryllium	0.0001	0.004	0.001	0.0001	U	SW-846:6020
	Cadmium	0.0005	0.005	0.001	0.0005	U	SW-846:6020
	Calcium	68	NE	0.05	0.03		SW-846:6020
	Chromium	0.0037	0.1	0.002	0.001		SW-846:6020
	Cobalt	0.0006	NE	0.001	0.0006	U	SW-846:6020
	Copper	0.0013	1.3	0.002	0.001	J	SW-846:6020
	Iron	0.08	NE	0.05	0.025		SW-846:6020
	Lead	0.0006	0.015	0.001	0.0006	U	SW-846:6020
	Magnesium	21	NE	0.05	0.025		SW-846:6020
	Manganese	0.0014	NE	0.001	0.0004	^	SW-846:6020
	Mercury	0.0001	0.002	0.0002	0.0001	U	SW-846:7470A
	Nickel	0.0001	NE	0.002	0.0001	U	SW-846:6020
	Potassium	3.1	NE	0.05	0.025		SW-846:6020
	Selenium	0.0062	0.05	0.002	0.001		SW-846:6020
	Silver	0.0003	NE	0.001	0.0003	U	SW-846:6020
	Sodium	67	NE	0.25	0.13	D	SW-846:6020
	Thallium	0.0005	0.002	0.001	0.0005	U	SW-846:6020
Tin	0.005	NE	0.02	0.005	U	SW-846:6010B	
Uranium	0.0034	0.03	0.001	0.0002		SW-846:6020	
Vanadium	0.0054	NE	0.01	0.003	J	SW-846:6020	
Zinc	0.0055	NE	0.005	0.004		SW-846:6020	

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Table-1 NMED DOE OB FFY 2013 Q-2 Technical Area-V Groundwater Quality Results: Total TAL Metals + U

Monitoring Well/ Sample Date	Analyte	Result (mg/L)	EPA MCL (mg/L)	Quantitation Limit (mg/L)	MDL (mg/L)	Laboratory Qualifier	Analytical Method
LWDS-MW2 13-Feb-13	Aluminum	0.025	NE	0.05	0.025	U	SW-846:6020
	Antimony	0.0002	0.006	0.002	0.0002	U	SW-846:6020
	Arsenic	0.0012	0.01	0.002	0.001	J	SW-846:6020
	Barium	0.074	2	0.001	0.0005		SW-846:6020
	Beryllium	0.0001	0.004	0.001	0.0001	U	SW-846:6020
	Cadmium	0.0005	0.005	0.001	0.0005	U	SW-846:6020
	Calcium	43	NE	0.05	0.03		SW-846:6020
	Chromium	0.0042	0.1	0.002	0.001	^	SW-846:6020
	Cobalt	0.0006	NE	0.001	0.0006	U	SW-846:6020
	Copper	0.001	1.3	0.002	0.001	U	SW-846:6020
	Iron	0.025	NE	0.05	0.025	U	SW-846:6020
	Lead	0.0006	0.015	0.001	0.0006	U	SW-846:6020
	Magnesium	14	NE	0.05	0.025		SW-846:6020
	Manganese	0.0016	NE	0.001	0.0004	^	SW-846:6020
	Mercury	0.0001	0.002	0.0002	0.0001	U	SW-846:7470A
	Nickel	0.0001	NE	0.002	0.0001	U	SW-846:6020
	Potassium	2.8	NE	0.05	0.025		SW-846:6020
	Selenium	0.0025	0.05	0.002	0.001		SW-846:6020
	Silver	0.0012	NE	0.001	0.0003		SW-846:6020
	Sodium	45	NE	0.05	0.025	B	SW-846:6020
	Thallium	0.0005	0.002	0.001	0.0005	U	SW-846:6020
	Tin	0.005	NE	0.02	0.005	U	SW-846:6010B
Uranium	0.0029	0.03	0.001	0.0002		SW-846:6020	
Vanadium	0.0053	NE	0.01	0.003	J	SW-846:6020	
Zinc	0.004	NE	0.005	0.004	U	SW-846:6020	

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Table-1 NMED DOE OB FFY 2013 Q-2 Technical Area-V Groundwater Quality Results: Total TAL Metals + U

Monitoring Well/ Sample Date	Analyte	Result (mg/L)	EPA MCL (mg/L)	Quantitation Limit (mg/L)	MDL (mg/L)	Laboratory Qualifier	Analytical Method
TAV-MW2 12-Feb-13	Aluminum	0.025	NE	0.05	0.025	U	SW-846:6020
	Antimony	0.0002	0.006	0.002	0.0002	U	SW-846:6020
	Arsenic	0.001	0.01	0.002	0.001	U	SW-846:6020
	Barium	0.066	2	0.001	0.0005		SW-846:6020
	Beryllium	0.0001	0.004	0.001	0.0001	U	SW-846:6020
	Cadmium	0.0005	0.005	0.001	0.0005	U	SW-846:6020
	Calcium	66	NE	0.05	0.03		SW-846:6020
	Chromium	0.0027	0.1	0.002	0.001	^	SW-846:6020
	Cobalt	0.0006	NE	0.001	0.0006	U	SW-846:6020
	Copper	0.001	1.3	0.002	0.001	U	SW-846:6020
	Iron	0.025	NE	0.05	0.025	U	SW-846:6020
	Lead	0.0006	0.015	0.001	0.0006	U	SW-846:6020
	Magnesium	23	NE	0.05	0.025		SW-846:6020
	Manganese	0.0018	NE	0.001	0.0004	^	SW-846:6020
	Mercury	0.0001	0.002	0.0002	0.0001	U	SW-846:7470A
	Nickel	0.0001	NE	0.002	0.0001	U	SW-846:6020
	Potassium	3.8	NE	0.05	0.025		SW-846:6020
	Selenium	0.0034	0.05	0.002	0.001		SW-846:6020
	Silver	0.0003	NE	0.001	0.0003	U	SW-846:6020
	Sodium	66	NE	0.05	0.025	B	SW-846:6020
	Thallium	0.0005	0.002	0.001	0.0005	U	SW-846:6020
	Tin	0.005	NE	0.02	0.005	U	SW-846:6010B
Uranium	0.0057	0.03	0.001	0.0002		SW-846:6020	
Vanadium	0.0045	NE	0.01	0.003	J	SW-846:6020	
Zinc	0.004	NE	0.005	0.004	U	SW-846:6020	

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Table-1 NMED DOE OB FFY 2013 Q-2 Technical Area-V Groundwater Quality Results: Total TAL Metals + U

Monitoring Well/ Sample Date	Analyte	Result (mg/L)	EPA MCL (mg/L)	Quantitation Limit (mg/L)	MDL (mg/L)	Laboratory Qualifier	Analytical Method
TAV-MW6 25-Feb-13	Aluminum	0.17	NE	0.05	0.025		SW-846:6020
	Antimony	0.0002	0.006	0.002	0.0002	U	SW-846:6020
	Arsenic	0.001	0.01	0.002	0.001	U	SW-846:6020
	Barium	0.07	2	0.001	0.0005		SW-846:6020
	Beryllium	0.0001	0.004	0.001	0.0001	U	SW-846:6020
	Cadmium	0.0005	0.005	0.001	0.0005	U	SW-846:6020
	Calcium	66	NE	0.05	0.03		SW-846:6020
	Chromium	0.0036	0.1	0.002	0.001		SW-846:6020
	Cobalt	0.0006	NE	0.001	0.0006	U	SW-846:6020
	Copper	0.001	1.3	0.002	0.001	U	SW-846:6020
	Iron	0.038	NE	0.05	0.025	J	SW-846:6020
	Lead	0.0006	0.015	0.001	0.0006	U	SW-846:6020
	Magnesium	19	NE	0.05	0.025		SW-846:6020
	Manganese	0.0032	NE	0.001	0.0004	^	SW-846:6020
	Mercury	0.0001	0.002	0.0002	0.0001	U	SW-846:7470A
	Nickel	0.00015	NE	0.002	0.0001	J	SW-846:6020
	Potassium	3.8	NE	0.05	0.025		SW-846:6020
	Selenium	0.0044	0.05	0.002	0.001		SW-846:6020
	Silver	0.0003	NE	0.001	0.0003	U	SW-846:6020
	Sodium	64	NE	0.05	0.025		SW-846:6020
	Thallium	0.0005	0.002	0.001	0.0005	U	SW-846:6020
Tin	0.005	NE	0.02	0.005	U	SW-846:6010B	
Uranium	0.0036	0.03	0.001	0.0002		SW-846:6020	
Vanadium	0.0047	NE	0.01	0.003	J	SW-846:6020	
Zinc	0.004	NE	0.005	0.004	U	SW-846:6020	

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Monitoring Well/ Sample Date	Analyte	Result (mg/L)	EPA MCL (mg/L)	Quantitation Limit (mg/L)	MDL (mg/L)	Laboratory Qualifier	Analytical Method
TAV-MW8 15-Feb-13	Aluminum	0.5	NE	0.05	0.025		SW-846:6020
	Antimony	0.0002	0.006	0.002	0.0002	U	SW-846:6020
	Arsenic	0.0014	0.01	0.002	0.001	J	SW-846:6020
	Barium	0.057	2	0.001	0.0005		SW-846:6020
	Beryllium	0.0001	0.004	0.001	0.0001	U	SW-846:6020
	Cadmium	0.0005	0.005	0.001	0.0005	U	SW-846:6020
	Calcium	53	NE	0.05	0.03	B	SW-846:6020
	Chromium	0.0042	0.1	0.002	0.001	^	SW-846:6020
	Cobalt	0.0006	NE	0.001	0.0006	U	SW-846:6020
	Copper	0.0026	1.3	0.002	0.001		SW-846:6020
	Iron	0.18	NE	0.05	0.025		SW-846:6020
	Lead	0.0006	0.015	0.001	0.0006	U	SW-846:6020
	Magnesium	16	NE	0.05	0.025		SW-846:6020
	Manganese	0.0082	NE	0.001	0.0004	^	SW-846:6020
	Mercury	0.0001	0.002	0.0002	0.0001	U	SW-846:7470A
	Nickel	0.0001	NE	0.002	0.0001	U	SW-846:6020
	Potassium	3.7	NE	0.05	0.025		SW-846:6020
	Selenium	0.0036	0.05	0.002	0.001		SW-846:6020
	Silver	0.0003	NE	0.001	0.0003	U	SW-846:6020
	Sodium	58	NE	0.05	0.025		SW-846:6020
	Thallium	0.0005	0.002	0.001	0.0005	U	SW-846:6020
	Tin	0.005	NE	0.02	0.005	U	SW-846:6010B
Uranium	0.0034	0.03	0.001	0.0002		SW-846:6020	
Vanadium	0.0061	NE	0.01	0.003	J	SW-846:6020	
Zinc	0.004	NE	0.005	0.004	U	SW-846:6020	

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Monitoring Well/ Sample Date	Analyte	Result (mg/L)	EPA MCL (mg/L)	Quantitation Limit (mg/L)	MDL (mg/L)	Laboratory Qualifier	Analytical Method
TAV-MW11 14-Feb-13	Aluminum	0.025	NE	0.05	0.025	U	SW-846:6020
	Antimony	0.0002	0.006	0.002	0.0002	U	SW-846:6020
	Arsenic	0.0013	0.01	0.002	0.001	J	SW-846:6020
	Barium	0.072	2	0.001	0.0005		SW-846:6020
	Beryllium	0.0001	0.004	0.001	0.0001	U	SW-846:6020
	Cadmium	0.0005	0.005	0.001	0.0005	U	SW-846:6020
	Calcium	50	NE	0.05	0.03		SW-846:6020
	Chromium	0.0039	0.1	0.002	0.001	^	SW-846:6020
	Cobalt	0.0006	NE	0.001	0.0006	U	SW-846:6020
	Copper	0.001	1.3	0.002	0.001	U	SW-846:6020
	Iron	0.025	NE	0.05	0.025	U	SW-846:6020
	Lead	0.0006	0.015	0.001	0.0006	U	SW-846:6020
	Magnesium	15	NE	0.05	0.025		SW-846:6020
	Manganese	0.0028	NE	0.001	0.0004	^	SW-846:6020
	Mercury	0.0001	0.002	0.0002	0.0001	U	SW-846:7470A
	Nickel	0.0001	NE	0.002	0.0001	U	SW-846:6020
	Potassium	3.7	NE	0.05	0.025		SW-846:6020
	Selenium	0.0042	0.05	0.002	0.001		SW-846:6020
	Silver	0.0003	NE	0.001	0.0003	U	SW-846:6020
	Sodium	53	NE	0.05	0.025	B	SW-846:6020
	Thallium	0.0005	0.002	0.001	0.0005	U	SW-846:6020
	Tin	0.005	NE	0.02	0.005	U	SW-846:6010B
Uranium	0.0029	0.03	0.001	0.0002		SW-846:6020	
Vanadium	0.0049	NE	0.01	0.003	J	SW-846:6020	
Zinc	0.004	NE	0.005	0.004	U	SW-846:6020	

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Monitoring Well/ Sample Date	Analyte	Result (mg/L)	EPA MCL (mg/L)	Quantitation Limit (mg/L)	MDL (mg/L)	Laboratory Qualifier	Analytical Method
TAV-MW13 26-Feb-13	Aluminum	0.025	NE	0.05	0.025	U	SW-846:6020
	Antimony	0.0002	0.006	0.002	0.0002	U	SW-846:6020
	Arsenic	0.001	0.01	0.002	0.001	U	SW-846:6020
	Barium	0.06	2	0.001	0.0005		SW-846:6020
	Beryllium	0.0001	0.004	0.001	0.0001	U	SW-846:6020
	Cadmium	0.0005	0.005	0.001	0.0005	U	SW-846:6020
	Calcium	52	NE	0.05	0.03		SW-846:6020
	Chromium	0.0018	0.1	0.002	0.001	J	SW-846:6020
	Cobalt	0.0006	NE	0.001	0.0006	U	SW-846:6020
	Copper	0.001	1.3	0.002	0.001	U	SW-846:6020
	Iron	0.025	NE	0.05	0.025	U	SW-846:6020
	Lead	0.0006	0.015	0.001	0.0006	U	SW-846:6020
	Magnesium	15	NE	0.05	0.025		SW-846:6020
	Manganese	0.0056	NE	0.001	0.0004	^	SW-846:6020
	Mercury	0.0001	0.002	0.0002	0.0001	U	SW-846:7470A
	Nickel	0.0001	NE	0.002	0.0001	U	SW-846:6020
	Potassium	3.4	NE	0.05	0.025		SW-846:6020
	Selenium	0.0027	0.05	0.002	0.001		SW-846:6020
	Silver	0.0003	NE	0.001	0.0003	U	SW-846:6020
	Sodium	50	NE	0.05	0.025		SW-846:6020
	Thallium	0.0005	0.002	0.001	0.0005	U	SW-846:6020
	Tin	0.005	NE	0.02	0.005	U	SW-846:6010B
Uranium	0.0035	0.03	0.001	0.0002		SW-846:6020	
Vanadium	0.0049	NE	0.01	0.003	J	SW-846:6020	
Zinc	0.004	NE	0.005	0.004	U	SW-846:6020	

^ = ICV,CCV,ICB,CCB, ISA, ISB, CRI, CRA, DLCK or MRL standard: Instrument related QC exceeds the control limits.

B = Compound was found in the blank and sample.

D = Dilution

J = Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

NE = Not Established

U = Analyte not detected at or above the reporting limit or MDL

Table-2 NMED DOE OB FFY 2013 Q-2 Technical Area-V Groundwater Quality Results: Nitrate-Nitrite
 (EPA MCL 10 mg/L)

Monitoring Well/ Sample Date	Analyte	Result (mg/L)	Quantitation Limit (mg/L)	MDL (mg/L)	Laboratory Qualifier	Analytical Method
AVN-1 18-Feb-13	Nitrate Nitrite as N	8.5	0.5	0.053	D	EPA:353.2
LWDS-MW1 11-Mar-13	Nitrate Nitrite as N	11	1	0.11	D	EPA:353.2
LWDS-MW2 13-Feb-13	Nitrate Nitrite as N	7.1	0.25	0.027	D	EPA:353.2
TAV-MW2 12-Feb-13	Nitrate Nitrite as N	2.7	0.1	0.011	D	EPA:353.2
TAV-MW6 25-Feb-13	Nitrate Nitrite as N	8	0.25	0.027	D	EPA:353.2
TAV-MW8 15-Feb-13	Nitrate Nitrite as N	5.7	0.25	0.027	D	EPA:353.2
TAV-MW11 14-Feb-13	Nitrate Nitrite as N	5.8	0.5	0.053	D	EPA:353.2
TAV-MW13 26-Feb-13	Nitrate Nitrite as N	5.4	0.25	0.027	D	EPA:353.2

D = Dilution

Table-3 NMED DOE OB FFY 2013 Q-2 Technical Area-V Groundwater Quality Results: Detected Volatile Organic Compounds

Monitoring Well/ Sample Date	Analyte	Result (µg/L)	EPA (µg/L)	Quantitation Limit (µg/L)	MDL (µg/L)	Laboratory Qualifier	Analytical Method
LWDS-MW1 11-Mar-13	Chloroform	0.24	NE	1	0.12	J	SW-846:8260B
	Dibromochloromethane	0.89	NE	1	0.13	J	SW-846:8260B
	Dichloroethene[cis-1,2-]	4	70	1	0.1		SW-846:8260B
	Tetrachloroethene	0.17	5	1	0.1	J	SW-846:8260B
	Toluene	0.34	1000	1	0.25	J	SW-846:8260B
	Trichloroethene	17	5	1	0.13		SW-846:8260B
TAV-MW2 12-Feb-13	Trichloroethene	0.62	5	1	0.13	J	SW-846:8260B
TAV-MW6 25-Feb-13	Dichloroethene[cis-1,2-]	2.2	70	1	0.1		SW-846:8260B
	Trichloroethene	9.8	5	1	0.13		SW-846:8260B
TAV-MW8 15-Feb-13	Dichloroethene[cis-1,2-]	0.16	70	1	0.1	J	SW-846:8260B
	Trichloroethene	1.3	5	1	0.13		SW-846:8260B
TAV-MW11 14-Feb-13	Dichloroethene[cis-1,2-]	0.32	70	1	0.1	J	SW-846:8260B
	Trichloroethene	2.4	5	1	0.13		SW-846:8260B
TAV-MW13 26-Feb-13	Trichloroethene	0.33	5	1	0.13	J	SW-846:8260B

J = Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Table-4 NMED DOE OB FFY 2013 Q-2 Technical Area-V Groundwater Quality Results: Method Detection Limits for Volatile Organic Compounds

Analyte	MDL (µg/L)	Analytical Method
4-Methyl-2-pentanone (MIBK)	0.18	SW-846:8260B
Acetone	2.1	SW-846:8260B
Benzene	0.13	SW-846:8260B
Bromodichloromethane	0.14	SW-846:8260B
Bromoform	0.1	SW-846:8260B
Bromomethane	0.29	SW-846:8260B
Butanone[2-]	0.35	SW-846:8260B
Carbon Disulfide	0.16	SW-846:8260B
Carbon Tetrachloride	0.15	SW-846:8260B
Chlorobenzene	0.12	SW-846:8260B
Chloroethane	0.34	SW-846:8260B
Chloroform	0.12	SW-846:8260B
Chloromethane	0.25	SW-846:8260B
Dibromochloromethane	0.13	SW-846:8260B
Dichloroethane[1,1-]	0.1	SW-846:8260B
Dichloroethane[1,2-]	0.22	SW-846:8260B
Dichloroethene[1,1-]	0.14	SW-846:8260B
Dichloroethene[cis-1,2-]	0.1	SW-846:8260B
Dichloroethene[trans-1,2-]	0.11	SW-846:8260B
Dichloropropane[1,2-]	0.15	SW-846:8260B
Dichloropropene[cis-1,3-]	0.22	SW-846:8260B
Dichloropropene[trans-1,3-]	0.08	SW-846:8260B
Ethylbenzene	0.1	SW-846:8260B
Hexanone[2-]	0.17	SW-846:8260B
Methylene Chloride	0.35	SW-846:8260B
Styrene	0.15	SW-846:8260B
Tetrachloroethane[1,1,2,2-]	0.09	SW-846:8260B
Tetrachloroethene	0.1	SW-846:8260B
Toluene	0.25	SW-846:8260B
Trichloroethane[1,1,1-]	0.19	SW-846:8260B
Trichloroethane[1,1,2-]	0.31	SW-846:8260B
Trichloroethene	0.13	SW-846:8260B
Vinyl acetate	0.21	SW-846:8260B
Vinyl Chloride	0.22	SW-846:8260B
Xylenes, Total	0.18	SW-846:8260B