NEW MEXICO
ENVIRONMENT DEPARTMENT

DOE Oversight Bureau

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BILL RICHARDSON
Governor
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RON CURRY
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JON GOLDSTEIN
Deputy Secretary

February 18, 2009

Karen Agogino
POC/SSO
P.O Box 5400 MS 0184
Albuquerque, New Mexico 87185-5400

Subject: **Groundwater Monitoring at Sandia National Laboratories/New Mexico Conducted by NMED/DOE OB for FFY 2008 Q-4, February 18, 2009**

Dear Ms. Agogino:

This letter transmits the subject final report.

If you have any questions, or if you would like copies of the complete data set, please contact Chris Armijo at (505)845-5824 or contact me at (505)845-5933.

Sincerely,

Barry S. Birch, CHMM
Program Manager
Sandia Oversight Section

BSB:ca

Enclosure: Data submittal entitled: "Groundwater Monitoring at Sandia National Laboratories/New Mexico Conducted by NMED/DOE OB for FFY 2008 Q-4, February 18, 2009" with the following enclosures:
(1) Table-1 Total (Unfiltered) TAL Metals Results
(2) Table-2 Dissolved (Filtered) TAL Metal Results
(3) Table-3 Inorganic Results
(4) Table-4 High Explosive Results
(5) Table-5 Gross Alpha/Beta and Gamma Spectroscopy Results
(6) Table-6 Detected Volatile Organic Compounds

cc: Gayle Dye, PhD, DOE/NNSA
John Gould, DOE/SSO
Franz Lauffer, SNL/GWPP
Michael Skelly, SNL/NM Groundwater
Thomas Skibitski, Chief, DOE OB
Barry Birch, Program Manager, DOE OB/SOS
Chris Armijo, Environmental Scientist, DOE OB/SOS

File: SGE42.Groundwater Monitoring.FFY 2008 Q-4

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Groundwater Monitoring at Sandia National Laboratories/New Mexico
Conducted by NMED/DOE OB for FFY 2008 Q-4
February 18, 2009

The New Mexico Environment Department (NMED) DOE Oversight Bureau (Bureau) has compiled and assessed groundwater data collected during the fourth quarter FFY 2008. The Bureau collected split ground water samples using Sandia sampling protocols, procedures and equipment to determine if contaminant levels are equal to or below background levels and if Bureau results are comparable to those of Sandia. Groundwater samples were collected from Tijeras Arroyo Groundwater (TAG), Groundwater Protection Program (GWPP), Technical Area V (TAV) and Mixed Waste Landfill (MWL) monitoring networks. Bureau samples were submitted to an independent analytical laboratory for metals, inorganic, high explosives (HE), radionuclides, and organic analyses. Elevated concentrations of nitrates, perchlorate, and trichloroethylene were noted in several wells.

Data Assessment

Data results are compared to applicable Maximum Allowable Concentrations (MAC) from the New Mexico Water Quality Control Commission (WQCC) (20.6.2.3103 NMAC Human Health Standards) and Maximum Contaminant Levels (MCLs) from the EPA National Primary Drinking Water Regulations (40 CFR 141).

Results

Analytical results for total (unfiltered) and dissolved (filtered) Target Analyte List (TAL) metals are listed in Table-1 and Table-2, respectively. All metal parameters were below established regulatory standards except for antimony, which was detected at TJA-2. The concentration of antimony was 0.0065 mg/L, which slightly exceeds the MCL of 0.006 mg/L. However, the result was flagged with a "B" indicating that the concentration was an estimated value above the method detection limit (MDL) but less than the reporting limit.

Analytical results for non-metallic inorganic compounds are listed in Table-3. Samples were analyzed for major anions, nitrate plus nitrite (NPN) measured as nitrogen, and perchlorate. All anion concentrations were below established MCLs. The concentrations of NPN were detected above the MCL of 10 mg/L at monitoring wells LWDS-MW1, TA2-SW1-320, and TJA-4. Concentrations were 12 mg/L, 25 mg/L and 33 mg/L respectively. Perchlorate concentrations were detected above the MDL from monitoring wells MWL-MW7, MWL-MW8 and MWL-MW9, but they were detected below the SNL Compliance Order On Consent screening level of

0.004 mg/L set by NMED. No MCL has been established by either the US EPA or the state of New Mexico for perchlorate in groundwater.

Analytical results for high explosive (HE) compounds are listed in Table-4. One sample was collected from monitoring well CTF-MW2. No HE compounds were detected above the MDL.

Analytical results for radionuclides are listed in Table-5. Samples were analyzed for gross alpha/beta and gamma emitting isotopes. All radionuclide activities were below MCLs, where established.

Analytical results for detected volatile organic compounds (VOCs) are listed in Table-6. Trichloroethylene (TCE) was detected above the MCL of 5 µg/L at monitoring wells LWDS-MW1 (13 µg/L), TA2-W-19 (5.8 µg/L), TAV-MW6 (12 µg/L), and WYO-4 (8.1 µg/L). No semi-volatile organic compounds (SVOCs) were detected above the MDL.

Conclusions

Nitrate concentrations exceeded the MCL of 10 mg/L in three monitoring wells during the fourth quarter. Concentrations of nitrate at LWDS-MW1 and TA2-SW1-320 have been slightly decreasing over time, but the concentration in TJA-4 has been slightly increasing. The Bureau recommends that Sandia continue monitoring these wells for nitrates.

The concentration of TCE was detected above the MCL in two samples collected from TAG wells and two samples collected from TAV wells. The TCE concentrations in monitoring wells TA2-W-19 and WYO-4 have been stable to slightly increasing over time. The TCE concentration at TAV monitoring well LWDS-MW1 has consistently exceeded the MCL, but it has been decreasing over time. The TCE concentration at monitoring well TAV-MW6 has significantly increased over time. The Bureau recommends that Sandia continue to sample for TCE at these locations.

Response

Questions or comments should be addressed to Barry S. Birch by phone at (505)845-5933, by e-mail at barry.birch@state.nm.us, or to the address in the letterhead.

Enclosure:
(1) Table-1 Total (Unfiltered) TAL Metals Results
(2) Table-2 Dissolved (Filtered) TAL Metal Results
(3) Table-3 Inorganic Results
(4) Table-4 High Explosive Results
(5) Table-5 Gross Alpha/Beta and Gamma Spectroscopy Results
(6) Table-6 Detected Volatile Organic Compounds

cc:
Gayle Dye, PhD, DOE/NNSA
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Franz Lauffer, SNL/GWPP
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Barry Birch, Program Manager, DOE OB/SOS
Chris Armijo, Environmental Scientist, DOE OB/SOS

File:
SGE42.Groundwater Monitoring.FFY 2008 Q-4

TABLE 1: SNL/NM Groundwater Monitoring, 4th Quarter FFY 2008 NMED DOE OB
Total (Unfiltered) Metals Results

Monitoring Well	Analyte	Result	MDL	Quantitation Limit	NM MAC	EPA MCL	Units	Laboratory Qualifier	Analytical Method
LWDS-MW1 8-SEP-08	Aluminum	0.047	0.014	0.1	5	NE	mg/L	B	SW-846:6010
	Antimony	0.000067	0.000041	0.0003	NE	0.006	mg/L	B	SW-846:6020
	Arsenic	0.0021	0.00011	0.002	0.1	0.01	mg/L		SW-846:6020
	Barium	0.084	0.0001	0.002	1	2	mg/L		SW-846:6010
	Beryllium	0.00013	0.00013	0.001	NE	0.004	mg/L	B	SW-846:6010
	Cadmium	0.000039	0.000042	0.0003	0.01	0.005	mg/L	U	SW-846:6020
	Calcium	66	0.014	0.5	NE	NE	mg/L		SW-846:6010
	Chromium	0.002	0.00051	0.005	0.05	0.1	mg/L	B	SW-846:6010
	Cobalt	0.00063	0.00031	0.002	0.05	NE	mg/L	U	SW-846:6010
	Copper	0.0013	0.00047	0.002	1	1.3	mg/L	U	SW-846:6010
	Iron	0.0031	0.0083	0.05	1	NE	mg/L	U	SW-846:6010
	Lead	0.00013	0.000045	0.0005	0.05	0.015	mg/L	B	SW-846:6020
	Magnesium	20	0.0075	0.5	NE	NE	mg/L		SW-846:6010
	Manganese	0.00049	0.00015	0.002	0.2	NE	mg/L	B	SW-846:6010
	Mercury	0.00002	0.0000075	0.0001	0.002	0.002	mg/L	U	SW-846:7470
	Nickel	0.001	0.00059	0.005	0.2	NE	mg/L	U	SW-846:6010
	Potassium	3.5	0.029	0.5	NE	NE	mg/L		SW-846:6010
	Selenium	0.0055	0.00011	0.001	0.05	0.05	mg/L		SW-846:6020
	Silver	0.000013	0.000014	0.0001	0.05	NE	mg/L	B	SW-846:6020
	Sodium	56	0.006	0.5	NE	NE	mg/L		SW-846:6010
	Thallium	0.000012	0.000015	0.0002	NE	0.002	mg/L	U	SW-846:6020
	Uranium	0.0033	0.0000074	0.0001	0.03	0.03	mg/L		SW-846:6020
	Vanadium	0.0043	0.00051	0.005	NE	NE	mg/L	B	SW-846:6010
	Zinc	0.0036	0.0044	0.005	10	NE	mg/L	B	SW-846:6010

TABLE 1: SNL/NM Groundwater Monitoring, 4th Quarter FFY 2008 NMED DOE OB
Total (Unfiltered) Metals Results

Monitoring Well	Analyte	Result	MDL	Quantitation Limit	NM MAC	EPA MCL	Units	Laboratory Qualifier	Analytical Method
MWL-MW7 16-JUL-08	Aluminum	0.038	0.014	0.2	5	NE	mg/L	U	SW-846:6010
	Antimony	0.0046	0.0061	0.02	NE	0.006	mg/L	U	SW-846:6010
	Arsenic	0.0052	0.0042	0.01	0.1	0.01	mg/L	U	SW-846:6010
	Barium	0.1	0.0001	0.1	1	2	mg/L		SW-846:6010
	Beryllium	0.00042	0.00013	0.005	NE	0.004	mg/L	U	SW-846:6010
	Cadmium	0.00041	0.00033	0.005	0.01	0.005	mg/L	U	SW-846:6010
	Calcium	59	0.014	1	NE	NE	mg/L		SW-846:6010
	Chromium	0.00057	0.00051	0.01	0.05	0.1	mg/L	U	SW-846:6010
	Cobalt	0.00076	0.00031	0.01	0.05	NE	mg/L	U	SW-846:6010
	Copper	0.00072	0.00047	0.01	1	1.3	mg/L	B	SW-846:6010
	Iron	0.19	0.0083	0.1	1	NE	mg/L		SW-846:6010
	Lead	0.0017	0.0022	0.003	0.05	0.015	mg/L	U	SW-846:6010
	Magnesium	20	0.0075	1	NE	NE	mg/L		SW-846:6010
	Manganese	0.011	0.00015	0.01	0.2	NE	mg/L		SW-846:6010
	Mercury	0.000016	0.0000075	0.0002	0.002	0.002	mg/L	U	SW-846:7470
	Nickel	0.00068	0.00059	0.02	0.2	NE	mg/L	U	SW-846:6010
	Potassium	5.5	0.029	1	NE	NE	mg/L		SW-846:6010
	Selenium	0.0036	0.0047	0.005	0.05	0.05	mg/L	U	SW-846:6010
	Silver	0.00065	0.00069	0.01	0.05	NE	mg/L	U	SW-846:6010
	Sodium	42	0.006	1	NE	NE	mg/L		SW-846:6010
	Thallium	0.0084	0.0066	0.01	NE	0.002	mg/L	U	SW-846:6010
	Uranium	0.0079	0.0000074	0.0001	0.03	0.03	mg/L		SW-846:6020
	Uranium-235	0.000054	0.0000074	0.0001	0.03	0.03	mg/L	B	SW-846:6020
	Uranium-238	0.0079	0.0000074	0.0001	0.03	0.03	mg/L		SW-846:6020
	Vanadium	0.0036	0.00051	0.01	NE	NE	mg/L	B	SW-846:6010
	Zinc	0.0012	0.0044	0.02	10	NE	mg/L	U	SW-846:6010

TABLE 1: SNL/NM Groundwater Monitoring, 4th Quarter FFY 2008 NMED DOE OB
Total (Unfiltered) Metals Results

Monitoring Well	Analyte	Result	MDL	Quantitation Limit	NM MAC	EPA MCL	Units	Laboratory Qualifier	Analytical Method
MWL-MW8 14-JUL-08	Aluminum	0.038	0.014	0.2	5	NE	mg/L	U	SW-846:6010
	Antimony	0.0046	0.0061	0.02	NE	0.006	mg/L	U	SW-846:6010
	Arsenic	0.0052	0.0042	0.01	0.1	0.01	mg/L	U	SW-846:6010
	Barium	0.13	0.0001	0.1	1	2	mg/L		SW-846:6010
	Beryllium	0.00042	0.00013	0.005	NE	0.004	mg/L	U	SW-846:6010
	Cadmium	0.00041	0.00033	0.005	0.01	0.005	mg/L	U	SW-846:6010
	Calcium	60	0.014	1	NE	NE	mg/L		SW-846:6010
	Chromium	0.015	0.00051	0.01	0.05	0.1	mg/L		SW-846:6010
	Cobalt	0.00076	0.00031	0.01	0.05	NE	mg/L	U	SW-846:6010
	Copper	0.00095	0.00047	0.01	1	1.3	mg/L	B	SW-846:6010
	Iron	0.13	0.0083	0.1	1	NE	mg/L		SW-846:6010
	Lead	0.0017	0.0022	0.003	0.05	0.015	mg/L	U	SW-846:6010
	Magnesium	20	0.0075	1	NE	NE	mg/L		SW-846:6010
	Manganese	0.25	0.00015	0.01	0.2	NE	mg/L		SW-846:6010
	Mercury	0.00002	0.0000075	0.0002	0.002	0.002	mg/L	U	SW-846:7470
	Nickel	0.013	0.00059	0.02	0.2	NE	mg/L	B	SW-846:6010
	Potassium	6.6	0.029	1	NE	NE	mg/L		SW-846:6010
	Selenium	0.0036	0.0047	0.005	0.05	0.05	mg/L	U	SW-846:6010
	Silver	0.00065	0.00069	0.01	0.05	NE	mg/L	U	SW-846:6010
	Sodium	47	0.006	1	NE	NE	mg/L		SW-846:6010
	Thallium	0.0084	0.0066	0.01	NE	0.002	mg/L	U	SW-846:6010
	Uranium	0.0073	0.0000074	0.0001	0.03	0.03	mg/L		SW-846:6020
	Uranium-235	0.000049	0.0000074	0.0001	0.03	0.03	mg/L	B	SW-846:6020
	Uranium-238	0.0073	0.0000074	0.0001	0.03	0.03	mg/L		SW-846:6020
	Vanadium	0.0007	0.00051	0.01	NE	NE	mg/L	B	SW-846:6010
	Zinc	0.074	0.0044	0.02	10	NE	mg/L		SW-846:6010

TABLE 1: SNL/NM Groundwater Monitoring, 4th Quarter FFY 2008 NMED DOE OB
Total (Unfiltered) Metals Results

Monitoring Well	Analyte	Result	MDL	Quantitation Limit	NM MAC	EPA MCL	Units	Laboratory Qualifier	Analytical Method
MWL-MW9 15-JUL-08	Aluminum	0.091	0.014	0.2	5	NE	mg/L	B	SW-846:6010
	Antimony	0.0046	0.0061	0.02	NE	0.006	mg/L	U	SW-846:6010
	Arsenic	0.0052	0.0042	0.01	0.1	0.01	mg/L	U	SW-846:6010
	Barium	0.094	0.0001	0.1	1	2	mg/L	B	SW-846:6010
	Beryllium	0.00042	0.00013	0.005	NE	0.004	mg/L	U	SW-846:6010
	Cadmium	0.00041	0.00033	0.005	0.01	0.005	mg/L	U	SW-846:6010
	Calcium	57	0.014	1	NE	NE	mg/L		SW-846:6010
	Chromium	0.002	0.00051	0.01	0.05	0.1	mg/L	B	SW-846:6010
	Cobalt	0.00076	0.00031	0.01	0.05	NE	mg/L	U	SW-846:6010
	Copper	0.00065	0.00047	0.01	1	1.3	mg/L	B	SW-846:6010
	Iron	0.27	0.0083	0.1	1	NE	mg/L		SW-846:6010
	Lead	0.0017	0.0022	0.003	0.05	0.015	mg/L	U	SW-846:6010
	Magnesium	19	0.0075	1	NE	NE	mg/L		SW-846:6010
	Manganese	0.023	0.00015	0.01	0.2	NE	mg/L		SW-846:6010
	Mercury	0.000016	0.0000075	0.0002	0.002	0.002	mg/L	U	SW-846:7470
	Nickel	0.00068	0.00059	0.02	0.2	NE	mg/L	U	SW-846:6010
	Potassium	5.8	0.029	1	NE	NE	mg/L		SW-846:6010
	Selenium	0.0036	0.0047	0.005	0.05	0.05	mg/L	U	SW-846:6010
	Silver	0.00065	0.00069	0.01	0.05	NE	mg/L	U	SW-846:6010
	Sodium	41	0.006	1	NE	NE	mg/L		SW-846:6010
	Thallium	0.0084	0.0066	0.01	NE	0.002	mg/L	U	SW-846:6010
	Uranium	0.0084	0.0000074	0.0001	0.03	0.03	mg/L		SW-846:6020
	Uranium-235	0.000058	0.0000074	0.0001	0.03	0.03	mg/L	B	SW-846:6020
	Uranium-238	0.0083	0.0000074	0.0001	0.03	0.03	mg/L		SW-846:6020
	Vanadium	0.0059	0.00051	0.01	NE	NE	mg/L	B	SW-846:6010
	Zinc	0.012	0.0044	0.02	10	NE	mg/L	B	SW-846:6010

TABLE 1: SNL/NM Groundwater Monitoring, 4th Quarter FFY 2008 NMED DOE OB
Total (Unfiltered) Metals Results

Monitoring Well	Analyte	Result	MDL	Quantitation Limit	NM MAC	EPA MCL	Units	Laboratory Qualifier	Analytical Method
PGS-2 9-JUL-08	Aluminum	0.038	0.014	0.2	5	NE	mg/L	U	SW-846:6010
	Antimony	0.0046	0.0061	0.02	NE	0.006	mg/L	U	SW-846:6010
	Arsenic	0.0052	0.0042	0.01	0.1	0.01	mg/L	U	SW-846:6010
	Barium	0.061	0.0001	0.1	1	2	mg/L	B	SW-846:6010
	Beryllium	0.00042	0.00013	0.005	NE	0.004	mg/L	U	SW-846:6010
	Cadmium	0.00041	0.00033	0.005	0.01	0.005	mg/L	U	SW-846:6010
	Calcium	54	0.014	1	NE	NE	mg/L		SW-846:6010
	Chromium	0.0015	0.00051	0.01	0.05	0.1	mg/L	B	SW-846:6010
	Cobalt	0.00076	0.00031	0.01	0.05	NE	mg/L	U	SW-846:6010
	Copper	0.00059	0.00047	0.01	1	1.3	mg/L	U	SW-846:6010
	Iron	0.022	0.0083	0.1	1	NE	mg/L	B	SW-846:6010
	Lead	0.0017	0.0022	0.003	0.05	0.015	mg/L	U	SW-846:6010
	Magnesium	12	0.0075	1	NE	NE	mg/L		SW-846:6010
	Manganese	0.00013	0.00015	0.01	0.2	NE	mg/L	U	SW-846:6010
	Mercury	0.00002	0.0000075	0.0002	0.002	0.002	mg/L	U	SW-846:7470
	Nickel	0.0065	0.00059	0.02	0.2	NE	mg/L	B	SW-846:6010
	Potassium	2.8	0.029	1	NE	NE	mg/L	E	SW-846:6010
	Selenium	0.0036	0.0047	0.005	0.05	0.05	mg/L	U	SW-846:6010
	Silver	0.00065	0.00069	0.01	0.05	NE	mg/L	U	SW-846:6010
	Sodium	27	0.006	1	NE	NE	mg/L		SW-846:6010
	Thallium	0.0084	0.0066	0.01	NE	0.002	mg/L	U	SW-846:6010
	Uranium	0.0014	0.0000074	0.0001	0.03	0.03	mg/L		SW-846:6020
	Uranium-235	0.0000067	0.0000074	0.0001	0.03	0.03	mg/L	B	SW-846:6020
	Uranium-238	0.0013	0.0000074	0.0001	0.03	0.03	mg/L		SW-846:6020
	Vanadium	0.0056	0.00051	0.01	NE	NE	mg/L	B	SW-846:6010
	Zinc	0.0089	0.0044	0.02	10	NE	mg/L	B	SW-846:6010

TABLE 1: SNL/NM Groundwater Monitoring, 4th Quarter FFY 2008 NMED DOE OB
Total (Unfiltered) Metals Results

Monitoring Well	Analyte	Result	MDL	Quantitation Limit	NM MAC	EPA MCL	Units	Laboratory Qualifier	Analytical Method
TA1-W-01 9-JUL-08	Aluminum	0.038	0.014	0.2	5	NE	mg/L	U	SW-846:6010
	Antimony	0.0046	0.0061	0.02	NE	0.006	mg/L	U	SW-846:6010
	Arsenic	0.0052	0.0042	0.01	0.1	0.01	mg/L	U	SW-846:6010
	Barium	0.045	0.0001	0.1	1	2	mg/L	B	SW-846:6010
	Beryllium	0.00042	0.00013	0.005	NE	0.004	mg/L	U	SW-846:6010
	Cadmium	0.00041	0.00033	0.005	0.01	0.005	mg/L	U	SW-846:6010
	Calcium	74	0.014	1	NE	NE	mg/L		SW-846:6010
	Chromium	0.00057	0.00051	0.01	0.05	0.1	mg/L	U	SW-846:6010
	Cobalt	0.00076	0.00031	0.01	0.05	NE	mg/L	U	SW-846:6010
	Copper	0.00059	0.00047	0.01	1	1.3	mg/L	U	SW-846:6010
	Iron	0.0029	0.0083	0.1	1	NE	mg/L	U	SW-846:6010
	Lead	0.0017	0.0022	0.003	0.05	0.015	mg/L	U	SW-846:6010
	Magnesium	13	0.0075	1	NE	NE	mg/L		SW-846:6010
	Manganese	0.00013	0.00015	0.01	0.2	NE	mg/L	U	SW-846:6010
	Mercury	0.00002	0.0000075	0.0002	0.002	0.002	mg/L	U	SW-846:7470
	Nickel	0.00068	0.00059	0.02	0.2	NE	mg/L	U	SW-846:6010
	Potassium	2.5	0.029	1	NE	NE	mg/L		SW-846:6010
	Selenium	0.0036	0.0047	0.005	0.05	0.05	mg/L	U	SW-846:6010
	Silver	0.00065	0.00069	0.01	0.05	NE	mg/L	U	SW-846:6010
	Sodium	23	0.006	1	NE	NE	mg/L		SW-846:6010
	Thallium	0.0084	0.0066	0.01	NE	0.002	mg/L	U	SW-846:6010
	Uranium	0.0031	0.0000074	0.0001	0.03	0.03	mg/L		SW-846:6020
	Uranium-235	0.000019	0.0000074	0.0001	0.03	0.03	mg/L	B	SW-846:6020
	Uranium-238	0.003	0.0000074	0.0001	0.03	0.03	mg/L		SW-846:6020
	Vanadium	0.0036	0.00051	0.01	NE	NE	mg/L	B	SW-846:6010
	Zinc	0.0012	0.0044	0.02	10	NE	mg/L	U	SW-846:6010

TABLE 1: SNL/NM Groundwater Monitoring, 4th Quarter FFY 2008 NMED DOE OB
Total (Unfiltered) Metals Results

Monitoring Well	Analyte	Result	MDL	Quantitation Limit	NM MAC	EPA MCL	Units	Laboratory Qualifier	Analytical Method
TA1-W-02 10-JUL-08	Aluminum	0.038	0.014	0.2	5	NE	mg/L	U	SW-846:6010
	Antimony	0.0046	0.0061	0.02	NE	0.006	mg/L	U	SW-846:6010
	Arsenic	0.0052	0.0042	0.01	0.1	0.01	mg/L	U	SW-846:6010
	Barium	0.047	0.0001	0.1	1	2	mg/L	B	SW-846:6010
	Beryllium	0.00042	0.00013	0.005	NE	0.004	mg/L	U	SW-846:6010
	Cadmium	0.00041	0.00033	0.005	0.01	0.005	mg/L	U	SW-846:6010
	Calcium	74	0.014	1	NE	NE	mg/L		SW-846:6010
	Chromium	0.00075	0.00051	0.01	0.05	0.1	mg/L	B	SW-846:6010
	Cobalt	0.00076	0.00031	0.01	0.05	NE	mg/L	U	SW-846:6010
	Copper	0.00059	0.00047	0.01	1	1.3	mg/L	U	SW-846:6010
	Iron	0.082	0.0083	0.1	1	NE	mg/L	B	SW-846:6010
	Lead	0.0017	0.0022	0.003	0.05	0.015	mg/L	U	SW-846:6010
	Magnesium	13	0.0075	1	NE	NE	mg/L		SW-846:6010
	Manganese	0.002	0.00015	0.01	0.2	NE	mg/L	B	SW-846:6010
	Mercury	0.00002	0.0000075	0.0002	0.002	0.002	mg/L	U	SW-846:7470
	Nickel	0.0015	0.00059	0.02	0.2	NE	mg/L	B	SW-846:6010
	Potassium	2.3	0.029	1	NE	NE	mg/L		SW-846:6010
	Selenium	0.0036	0.0047	0.005	0.05	0.05	mg/L	U	SW-846:6010
	Silver	0.00065	0.00069	0.01	0.05	NE	mg/L	U	SW-846:6010
	Sodium	21	0.006	1	NE	NE	mg/L		SW-846:6010
	Thallium	0.0084	0.0066	0.01	NE	0.002	mg/L	U	SW-846:6010
	Uranium	0.0033	0.0000074	0.0001	0.03	0.03	mg/L		SW-846:6020
	Uranium-235	0.000022	0.0000074	0.0001	0.03	0.03	mg/L	B	SW-846:6020
	Uranium-238	0.0033	0.0000074	0.0001	0.03	0.03	mg/L		SW-846:6020
	Vanadium	0.0045	0.00051	0.01	NE	NE	mg/L	B	SW-846:6010
	Zinc	0.0092	0.0044	0.02	10	NE	mg/L	B	SW-846:6010

TABLE 1: SNL/NM Groundwater Monitoring, 4th Quarter FFY 2008 NMED DOE OB
Total (Unfiltered) Metals Results

Monitoring Well	Analyte	Result	MDL	Quantitation Limit	NM MAC	EPA MCL	Units	Laboratory Qualifier	Analytical Method
TA1-W-03 11-JUL-08	Aluminum	0.21	0.014	0.2	5	NE	mg/L		SW-846:6010
	Antimony	0.0046	0.0061	0.02	NE	0.006	mg/L	U	SW-846:6010
	Arsenic	0.0052	0.0042	0.01	0.1	0.01	mg/L	U	SW-846:6010
	Barium	0.029	0.0001	0.1	1	2	mg/L	B	SW-846:6010
	Beryllium	0.00042	0.00013	0.005	NE	0.004	mg/L	U	SW-846:6010
	Cadmium	0.00041	0.00033	0.005	0.01	0.005	mg/L	U	SW-846:6010
	Calcium	320	0.014	1	NE	NE	mg/L		SW-846:6010
	Chromium	0.0014	0.00051	0.01	0.05	0.1	mg/L	B	SW-846:6010
	Cobalt	0.00076	0.00031	0.01	0.05	NE	mg/L	U	SW-846:6010
	Copper	0.00059	0.00047	0.01	1	1.3	mg/L	U	SW-846:6010
	Iron	0.33	0.0083	0.1	1	NE	mg/L		SW-846:6010
	Lead	0.0017	0.0022	0.003	0.05	0.015	mg/L	U	SW-846:6010
	Magnesium	32	0.0075	1	NE	NE	mg/L		SW-846:6010
	Manganese	0.0048	0.00015	0.01	0.2	NE	mg/L	B	SW-846:6010
	Mercury	0.00002	0.0000075	0.0002	0.002	0.002	mg/L	U	SW-846:7470
	Nickel	0.00068	0.00059	0.02	0.2	NE	mg/L	U	SW-846:6010
	Potassium	3.5	0.029	1	NE	NE	mg/L		SW-846:6010
	Selenium	0.029	0.0047	0.005	0.05	0.05	mg/L		SW-846:6010
	Silver	0.00065	0.00069	0.01	0.05	NE	mg/L	U	SW-846:6010
	Sodium	48	0.006	1	NE	NE	mg/L		SW-846:6010
	Thallium	0.0084	0.0066	0.01	NE	0.002	mg/L	U	SW-846:6010
	Uranium	0.0012	0.0000074	0.0001	0.03	0.03	mg/L		SW-846:6020
	Uranium-235	0.0000057	0.0000074	0.0001	0.03	0.03	mg/L	B	SW-846:6020
	Uranium-238	0.0012	0.0000074	0.0001	0.03	0.03	mg/L		SW-846:6020
	Vanadium	0.003	0.00051	0.01	NE	NE	mg/L	B	SW-846:6010
	Zinc	0.0012	0.0044	0.02	10	NE	mg/L	U	SW-846:6010

TABLE 1: SNL/NM Groundwater Monitoring, 4th Quarter FFY 2008 NMED DOE OB
Total (Unfiltered) Metals Results

Monitoring Well	Analyte	Result	MDL	Quantitation Limit	NM MAC	EPA MCL	Units	Laboratory Qualifier	Analytical Method
TA1-W-04 21-JUL-08	Aluminum	0.055	0.014	0.2	5	NE	mg/L	B	SW-846:6010
	Antimony	0.0041	0.0061	0.02	NE	0.006	mg/L	U	SW-846:6010
	Arsenic	0.0073	0.0042	0.01	0.1	0.01	mg/L	U	SW-846:6010
	Barium	0.05	0.0001	0.1	1	2	mg/L	B	SW-846:6010
	Beryllium	0.00078	0.00013	0.005	NE	0.004	mg/L	B	SW-846:6010
	Cadmium	0.00058	0.00033	0.005	0.01	0.005	mg/L	B	SW-846:6010
	Calcium	65	0.014	1	NE	NE	mg/L		SW-846:6010
	Chromium	0.0016	0.00051	0.01	0.05	0.1	mg/L	B	SW-846:6010
	Cobalt	0.00074	0.00031	0.01	0.05	NE	mg/L	B	SW-846:6010
	Copper	0.0013	0.00047	0.01	1	1.3	mg/L	U	SW-846:6010
	Iron	0.0031	0.0083	0.1	1	NE	mg/L	U	SW-846:6010
	Lead	0.0021	0.0022	0.003	0.05	0.015	mg/L	U	SW-846:6010
	Magnesium	12	0.0075	1	NE	NE	mg/L		SW-846:6010
	Manganese	0.00093	0.00015	0.01	0.2	NE	mg/L	B	SW-846:6010
	Mercury	0.00002	0.0000075	0.0002	0.002	0.002	mg/L	U	SW-846:7470
	Nickel	0.001	0.00059	0.02	0.2	NE	mg/L	U	SW-846:6010
	Potassium	2.4	0.029	1	NE	NE	mg/L		SW-846:6010
	Selenium	0.0048	0.0047	0.005	0.05	0.05	mg/L	U	SW-846:6010
	Silver	0.00077	0.00069	0.01	0.05	NE	mg/L	U	SW-846:6010
	Sodium	23	0.006	1	NE	NE	mg/L		SW-846:6010
	Thallium	0.0095	0.0066	0.01	NE	0.002	mg/L	U	SW-846:6010
	Uranium	0.003	0.0000074	0.0001	0.03	0.03	mg/L		SW-846:6020
	Uranium-235	0.000021	0.0000074	0.0001	0.03	0.03	mg/L	B	SW-846:6020
	Uranium-238	0.003	0.0000074	0.0001	0.03	0.03	mg/L		SW-846:6020
	Vanadium	0.0048	0.00051	0.01	NE	NE	mg/L	B	SW-846:6010
	Zinc	0.0023	0.0044	0.02	10	NE	mg/L	B	SW-846:6010

TABLE 1: SNL/NM Groundwater Monitoring, 4th Quarter FFY 2008 NMED DOE OB
Total (Unfiltered) Metals Results

Monitoring Well	Analyte	Result	MDL	Quantitation Limit	NM MAC	EPA MCL	Units	Laboratory Qualifier	Analytical Method
TA1-W-05 22-JUL-08	Aluminum	0.053	0.014	0.2	5	NE	mg/L	B	SW-846:6010
	Antimony	0.0041	0.0061	0.02	NE	0.006	mg/L	U	SW-846:6010
	Arsenic	0.0073	0.0042	0.01	0.1	0.01	mg/L	U	SW-846:6010
	Barium	0.036	0.0001	0.1	1	2	mg/L	B	SW-846:6010
	Beryllium	0.00082	0.00013	0.005	NE	0.004	mg/L	B	SW-846:6010
	Cadmium	0.0004	0.00033	0.005	0.01	0.005	mg/L	U	SW-846:6010
	Calcium	85	0.014	1	NE	NE	mg/L		SW-846:6010
	Chromium	0.00089	0.00051	0.01	0.05	0.1	mg/L	B	SW-846:6010
	Cobalt	0.00063	0.00031	0.01	0.05	NE	mg/L	U	SW-846:6010
	Copper	0.0013	0.00047	0.01	1	1.3	mg/L	U	SW-846:6010
	Iron	0.0031	0.0083	0.1	1	NE	mg/L	U	SW-846:6010
	Lead	0.0021	0.0022	0.003	0.05	0.015	mg/L	U	SW-846:6010
	Magnesium	12	0.0075	1	NE	NE	mg/L		SW-846:6010
	Manganese	0.00069	0.00015	0.01	0.2	NE	mg/L	B	SW-846:6010
	Mercury	0.00002	0.0000075	0.0002	0.002	0.002	mg/L	U	SW-846:7470
	Nickel	0.001	0.00059	0.02	0.2	NE	mg/L	U	SW-846:6010
	Potassium	2.5	0.029	1	NE	NE	mg/L		SW-846:6010
	Selenium	0.0048	0.0047	0.005	0.05	0.05	mg/L	U	SW-846:6010
	Silver	0.00077	0.00069	0.01	0.05	NE	mg/L	U	SW-846:6010
	Sodium	30	0.006	1	NE	NE	mg/L		SW-846:6010
	Thallium	0.0095	0.0066	0.01	NE	0.002	mg/L	U	SW-846:6010
	Uranium	0.0034	0.0000074	0.0001	0.03	0.03	mg/L		SW-846:6020
	Uranium-235	0.000022	0.0000074	0.0001	0.03	0.03	mg/L	B	SW-846:6020
	Uranium-238	0.0034	0.0000074	0.0001	0.03	0.03	mg/L		SW-846:6020
	Vanadium	0.0034	0.00051	0.01	NE	NE	mg/L	B	SW-846:6010
	Zinc	0.002	0.0044	0.02	10	NE	mg/L	B	SW-846:6010

TABLE 1: SNL/NM Groundwater Monitoring, 4th Quarter FFY 2008 NMED DOE OB
Total (Unfiltered) Metals Results

Monitoring Well	Analyte	Result	MDL	Quantitation Limit	NM MAC	EPA MCL	Units	Laboratory Qualifier	Analytical Method
TA1-W-06 23-JUL-08	Aluminum	0.065	0.014	0.2	5	NE	mg/L	B	SW-846:6010
	Antimony	0.0041	0.0061	0.02	NE	0.006	mg/L	U	SW-846:6010
	Arsenic	0.0073	0.0042	0.01	0.1	0.01	mg/L	U	SW-846:6010
	Barium	0.025	0.0001	0.1	1	2	mg/L	B	SW-846:6010
	Beryllium	0.00083	0.00013	0.005	NE	0.004	mg/L	B	SW-846:6010
	Cadmium	0.0004	0.00033	0.005	0.01	0.005	mg/L	U	SW-846:6010
	Calcium	130	0.014	1	NE	NE	mg/L		SW-846:6010
	Chromium	0.0037	0.00051	0.01	0.05	0.1	mg/L	B	SW-846:6010
	Cobalt	0.00063	0.00031	0.01	0.05	NE	mg/L	U	SW-846:6010
	Copper	0.0013	0.00047	0.01	1	1.3	mg/L	U	SW-846:6010
	Iron	0.013	0.0083	0.1	1	NE	mg/L	B	SW-846:6010
	Lead	0.0021	0.0022	0.003	0.05	0.015	mg/L	U	SW-846:6010
	Magnesium	16	0.0075	1	NE	NE	mg/L		SW-846:6010
	Manganese	0.0013	0.00015	0.01	0.2	NE	mg/L	B	SW-846:6010
	Mercury	0.00002	0.0000075	0.0002	0.002	0.002	mg/L	U	SW-846:7470
	Nickel	0.002	0.00059	0.02	0.2	NE	mg/L	B	SW-846:6010
	Potassium	2.4	0.029	1	NE	NE	mg/L		SW-846:6010
	Selenium	0.012	0.0047	0.005	0.05	0.05	mg/L		SW-846:6010
	Silver	0.00077	0.00069	0.01	0.05	NE	mg/L	U	SW-846:6010
	Sodium	30	0.006	1	NE	NE	mg/L		SW-846:6010
	Thallium	0.0095	0.0066	0.01	NE	0.002	mg/L	U	SW-846:6010
	Uranium	0.0013	0.0000074	0.0001	0.03	0.03	mg/L		SW-846:6020
	Uranium-235	0.00001	0.0000074	0.0001	0.03	0.03	mg/L	B	SW-846:6020
	Uranium-238	0.0013	0.0000074	0.0001	0.03	0.03	mg/L		SW-846:6020
	Vanadium	0.0036	0.00051	0.01	NE	NE	mg/L	B	SW-846:6010
	Zinc	0.0085	0.0044	0.02	10	NE	mg/L	B	SW-846:6010

TABLE 1: SNL/NM Groundwater Monitoring, 4th Quarter FFY 2008 NMED DOE OB
Total (Unfiltered) Metals Results

Monitoring Well	Analyte	Result	MDL	Quantitation Limit	NM MAC	EPA MCL	Units	Laboratory Qualifier	Analytical Method
TA1-W-08 24-JUL-08	Aluminum	0.064	0.014	0.2	5	NE	mg/L	B	SW-846:6010
	Antimony	0.0041	0.0061	0.02	NE	0.006	mg/L	U	SW-846:6010
	Arsenic	0.0073	0.0042	0.01	0.1	0.01	mg/L	U	SW-846:6010
	Barium	0.018	0.0001	0.1	1	2	mg/L	B	SW-846:6010
	Beryllium	0.00097	0.00013	0.005	NE	0.004	mg/L	B	SW-846:6010
	Cadmium	0.0004	0.00033	0.005	0.01	0.005	mg/L	U	SW-846:6010
	Calcium	340	0.014	1	NE	NE	mg/L		SW-846:6010
	Chromium	0.0028	0.00051	0.01	0.05	0.1	mg/L	B	SW-846:6010
	Cobalt	0.00063	0.00031	0.01	0.05	NE	mg/L	U	SW-846:6010
	Copper	0.0013	0.00047	0.01	1	1.3	mg/L	U	SW-846:6010
	Iron	0.0076	0.0083	0.1	1	NE	mg/L	B	SW-846:6010
	Lead	0.0021	0.0022	0.003	0.05	0.015	mg/L	U	SW-846:6010
	Magnesium	42	0.0075	1	NE	NE	mg/L		SW-846:6010
	Manganese	0.00096	0.00015	0.01	0.2	NE	mg/L	B	SW-846:6010
	Mercury	0.00002	0.0000075	0.0002	0.002	0.002	mg/L	U	SW-846:7470
	Nickel	0.001	0.00059	0.02	0.2	NE	mg/L	U	SW-846:6010
	Potassium	4.2	0.029	1	NE	NE	mg/L		SW-846:6010
	Selenium	0.024	0.0047	0.005	0.05	0.05	mg/L		SW-846:6010
	Silver	0.00077	0.00069	0.01	0.05	NE	mg/L	U	SW-846:6010
	Sodium	81	0.006	1	NE	NE	mg/L		SW-846:6010
	Thallium	0.0095	0.0066	0.01	NE	0.002	mg/L	U	SW-846:6010
	Uranium	0.0019	0.0000074	0.0001	0.03	0.03	mg/L		SW-846:6020
	Uranium-235	0.000014	0.0000074	0.0001	0.03	0.03	mg/L	B	SW-846:6020
	Uranium-238	0.0019	0.0000074	0.0001	0.03	0.03	mg/L		SW-846:6020
	Vanadium	0.0031	0.00051	0.01	NE	NE	mg/L	B	SW-846:6010
	Zinc	0.0014	0.0044	0.02	10	NE	mg/L	U	SW-846:6010

TABLE 1: SNL/NM Groundwater Monitoring, 4th Quarter FFY 2008 NMED DOE OB
Total (Unfiltered) Metals Results

Monitoring Well	Analyte	Result	MDL	Quantitation Limit	NM MAC	EPA MCL	Units	Laboratory Qualifier	Analytical Method
TA2-SW1-320 4-AUG-08	Aluminum	0.17	0.014	0.2	5	NE	mg/L	B	SW-846:6010
	Antimony	0.0041	0.0061	0.02	NE	0.006	mg/L	U	SW-846:6010
	Arsenic	0.0073	0.0042	0.01	0.1	0.01	mg/L	U	SW-846:6010
	Barium	0.21	0.0001	0.1	1	2	mg/L		SW-846:6010
	Beryllium	0.00012	0.00013	0.005	NE	0.004	mg/L	U	SW-846:6010
	Cadmium	0.0004	0.00033	0.005	0.01	0.005	mg/L	U	SW-846:6010
	Calcium	63	0.014	1	NE	NE	mg/L		SW-846:6010
	Chromium	0.0011	0.00051	0.01	0.05	0.1	mg/L	B	SW-846:6010
	Cobalt	0.00085	0.00031	0.01	0.05	NE	mg/L	B	SW-846:6010
	Copper	0.0013	0.00047	0.01	1	1.3	mg/L	U	SW-846:6010
	Iron	0.19	0.0083	0.1	1	NE	mg/L		SW-846:6010
	Lead	0.0021	0.0022	0.003	0.05	0.015	mg/L	U	SW-846:6010
	Magnesium	11	0.0075	1	NE	NE	mg/L		SW-846:6010
	Manganese	0.01	0.00015	0.01	0.2	NE	mg/L		SW-846:6010
	Mercury	0.00002	0.0000075	0.0002	0.002	0.002	mg/L	U	SW-846:7470
	Nickel	0.001	0.00059	0.02	0.2	NE	mg/L	U	SW-846:6010
	Potassium	2	0.029	1	NE	NE	mg/L		SW-846:6010
	Selenium	0.0068	0.0047	0.005	0.05	0.05	mg/L		SW-846:6010
	Silver	0.00077	0.00069	0.01	0.05	NE	mg/L	U	SW-846:6010
	Sodium	17	0.006	1	NE	NE	mg/L		SW-846:6010
	Thallium	0.0095	0.0066	0.01	NE	0.002	mg/L	U	SW-846:6010
	Uranium	0.0015	0.0000074	0.0001	0.03	0.03	mg/L		SW-846:6020
	Uranium-235	0.0000056	0.0000074	0.0001	0.03	0.03	mg/L	B	SW-846:6020
	Uranium-238	0.0015	0.0000074	0.0001	0.03	0.03	mg/L		SW-846:6020
	Vanadium	0.0055	0.00051	0.01	NE	NE	mg/L	B	SW-846:6010
	Zinc	0.0019	0.0044	0.02	10	NE	mg/L	B	SW-846:6010

TABLE 1: SNL/NM Groundwater Monitoring, 4th Quarter FFY 2008 NMED DOE OB
Total (Unfiltered) Metals Results

Monitoring Well	Analyte	Result	MDL	Quantitation Limit	NM MAC	EPA MCL	Units	Laboratory Qualifier	Analytical Method
TA2-W-19 13-AUG-08	Aluminum	0.01	0.014	0.2	5	NE	mg/L	U	SW-846:6010
	Antimony	0.0041	0.0061	0.02	NE	0.006	mg/L	U	SW-846:6010
	Arsenic	0.0073	0.0042	0.01	0.1	0.01	mg/L	U	SW-846:6010
	Barium	0.048	0.0001	0.1	1	2	mg/L	B	SW-846:6010
	Beryllium	0.00013	0.00013	0.005	NE	0.004	mg/L	B	SW-846:6010
	Cadmium	0.0004	0.00033	0.005	0.01	0.005	mg/L	U	SW-846:6010
	Calcium	81	0.014	1	NE	NE	mg/L		SW-846:6010
	Chromium	0.0017	0.00051	0.01	0.05	0.1	mg/L	B	SW-846:6010
	Cobalt	0.00063	0.00031	0.01	0.05	NE	mg/L	U	SW-846:6010
	Copper	0.0013	0.00047	0.01	1	1.3	mg/L	U	SW-846:6010
	Iron	0.0031	0.0083	0.1	1	NE	mg/L	U	SW-846:6010
	Lead	0.0021	0.0022	0.003	0.05	0.015	mg/L	U	SW-846:6010
	Magnesium	12	0.0075	1	NE	NE	mg/L		SW-846:6010
	Manganese	0.00093	0.00015	0.01	0.2	NE	mg/L	B	SW-846:6010
	Mercury	0.00002	0.0000075	0.0002	0.002	0.002	mg/L	U	SW-846:7470
	Nickel	0.001	0.00059	0.02	0.2	NE	mg/L	B	SW-846:6010
	Potassium	2	0.029	1	NE	NE	mg/L		SW-846:6010
	Selenium	0.0095	0.0047	0.005	0.05	0.05	mg/L		SW-846:6010
	Silver	0.0008	0.00069	0.01	0.05	NE	mg/L	B	SW-846:6010
	Sodium	21	0.006	1	NE	NE	mg/L		SW-846:6010
	Thallium	0.0095	0.0066	0.01	NE	0.002	mg/L	U	SW-846:6010
	Uranium	0.00092	0.0000074	0.0001	0.03	0.03	mg/L		SW-846:6020
	Uranium-235	0.000005	0.0000074	0.0001	0.03	0.03	mg/L	B	SW-846:6020
	Uranium-238	0.00091	0.0000074	0.0001	0.03	0.03	mg/L		SW-846:6020
	Vanadium	0.0057	0.00051	0.01	NE	NE	mg/L	B	SW-846:6010
	Zinc	0.01	0.0044	0.02	10	NE	mg/L	B	SW-846:6010

TABLE 1: SNL/NM Groundwater Monitoring, 4th Quarter FFY 2008 NMED DOE OB
Total (Unfiltered) Metals Results

Monitoring Well	Analyte	Result	MDL	Quantitation Limit	NM MAC	EPA MCL	Units	Laboratory Qualifier	Analytical Method
TA2-W-26 5-AUG-08	Aluminum	0.01	0.014	0.2	5	NE	mg/L	U	SW-846:6010
	Antimony	0.005	0.0061	0.02	NE	0.006	mg/L	B	SW-846:6010
	Arsenic	0.0073	0.0042	0.01	0.1	0.01	mg/L	U	SW-846:6010
	Barium	0.061	0.0001	0.1	1	2	mg/L	B	SW-846:6010
	Beryllium	0.00012	0.00013	0.005	NE	0.004	mg/L	U	SW-846:6010
	Cadmium	0.0004	0.00033	0.005	0.01	0.005	mg/L	U	SW-846:6010
	Calcium	180	0.014	1	NE	NE	mg/L		SW-846:6010
	Chromium	0.0015	0.00051	0.01	0.05	0.1	mg/L	B	SW-846:6010
	Cobalt	0.00063	0.00031	0.01	0.05	NE	mg/L	U	SW-846:6010
	Copper	0.0013	0.00047	0.01	1	1.3	mg/L	U	SW-846:6010
	Iron	0.01	0.0083	0.1	1	NE	mg/L	B	SW-846:6010
	Lead	0.0021	0.0022	0.003	0.05	0.015	mg/L	U	SW-846:6010
	Magnesium	22	0.0075	1	NE	NE	mg/L		SW-846:6010
	Manganese	0.00051	0.00015	0.01	0.2	NE	mg/L	B	SW-846:6010
	Mercury	0.00002	0.0000075	0.0002	0.002	0.002	mg/L	U	SW-846:7470
	Nickel	0.001	0.00059	0.02	0.2	NE	mg/L	U	SW-846:6010
	Potassium	2.7	0.029	1	NE	NE	mg/L		SW-846:6010
	Selenium	0.014	0.0047	0.005	0.05	0.05	mg/L		SW-846:6010
	Silver	0.00077	0.00069	0.01	0.05	NE	mg/L	U	SW-846:6010
	Sodium	33	0.006	1	NE	NE	mg/L	E	SW-846:6010
	Thallium	0.0095	0.0066	0.01	NE	0.002	mg/L	U	SW-846:6010
	Uranium	0.0012	0.0000074	0.0001	0.03	0.03	mg/L		SW-846:6020
	Uranium-235	0.0000045	0.0000074	0.0001	0.03	0.03	mg/L	U,E,*	SW-846:6020
	Uranium-238	0.0012	0.0000074	0.0001	0.03	0.03	mg/L		SW-846:6020
	Vanadium	0.0034	0.00051	0.01	NE	NE	mg/L	B	SW-846:6010
	Zinc	0.0014	0.0044	0.02	10	NE	mg/L	U	SW-846:6010

TABLE 1: SNL/NM Groundwater Monitoring, 4th Quarter FFY 2008 NMED DOE OB
Total (Unfiltered) Metals Results

Monitoring Well	Analyte	Result	MDL	Quantitation Limit	NM MAC	EPA MCL	Units	Laboratory Qualifier	Analytical Method
TAV-MW6 9-SEP-08	Aluminum	0.048	0.014	0.1	5	NE	mg/L	B	SW-846:6010
	Antimony	0.000037	0.000041	0.0003	NE	0.006	mg/L	U	SW-846:6020
	Arsenic	0.0011	0.00011	0.002	0.1	0.01	mg/L	B	SW-846:6020
	Barium	0.064	0.0001	0.002	1	2	mg/L		SW-846:6010
	Beryllium	0.00036	0.00013	0.001	NE	0.004	mg/L	B	SW-846:6010
	Cadmium	0.000039	0.000042	0.0003	0.01	0.005	mg/L	U	SW-846:6020
	Calcium	63	0.014	0.5	NE	NE	mg/L		SW-846:6010
	Chromium	0.0024	0.00051	0.005	0.05	0.1	mg/L	B	SW-846:6010
	Cobalt	0.00063	0.00031	0.002	0.05	NE	mg/L	U	SW-846:6010
	Copper	0.0013	0.00047	0.002	1	1.3	mg/L	U	SW-846:6010
	Iron	0.0086	0.0083	0.05	1	NE	mg/L	B	SW-846:6010
	Lead	0.00026	0.000045	0.0005	0.05	0.015	mg/L	B	SW-846:6020
	Magnesium	19	0.0075	0.5	NE	NE	mg/L		SW-846:6010
	Manganese	0.0002	0.00015	0.002	0.2	NE	mg/L	U	SW-846:6010
	Mercury	0.00002	0.0000075	0.0001	0.002	0.002	mg/L	U	SW-846:7470
	Nickel	0.001	0.00059	0.005	0.2	NE	mg/L	U	SW-846:6010
	Potassium	4.2	0.029	0.5	NE	NE	mg/L		SW-846:6010
	Selenium	0.0041	0.00011	0.001	0.05	0.05	mg/L		SW-846:6020
	Silver	0.000017	0.000014	0.0001	0.05	NE	mg/L	B	SW-846:6020
	Sodium	55	0.006	0.5	NE	NE	mg/L		SW-846:6010
	Thallium	0.000012	0.000015	0.0002	NE	0.002	mg/L	U	SW-846:6020
	Uranium	0.0037	0.0000074	0.0001	0.03	0.03	mg/L		SW-846:6020
	Vanadium	0.0055	0.00051	0.005	NE	NE	mg/L		SW-846:6010
	Zinc	0.0032	0.0044	0.005	10	NE	mg/L	B	SW-846:6010

TABLE 1: SNL/NM Groundwater Monitoring, 4th Quarter FFY 2008 NMED DOE OB
Total (Unfiltered) Metals Results

Monitoring Well	Analyte	Result	MDL	Quantitation Limit	NM MAC	EPA MCL	Units	Laboratory Qualifier	Analytical Method
TJA-2 7-AUG-08	Aluminum	0.01	0.014	0.2	5	NE	mg/L	U	SW-846:6010
	Antimony	0.0065	0.0061	0.02	NE	0.006	mg/L	B	SW-846:6010
	Arsenic	0.0073	0.0042	0.01	0.1	0.01	mg/L	U	SW-846:6010
	Barium	0.041	0.0001	0.1	1	2	mg/L	B	SW-846:6010
	Beryllium	0.00012	0.00013	0.005	NE	0.004	mg/L	U	SW-846:6010
	Cadmium	0.0004	0.00033	0.005	0.01	0.005	mg/L	U	SW-846:6010
	Calcium	79	0.014	1	NE	NE	mg/L		SW-846:6010
	Chromium	0.0029	0.00051	0.01	0.05	0.1	mg/L	B	SW-846:6010
	Cobalt	0.00088	0.00031	0.01	0.05	NE	mg/L	B	SW-846:6010
	Copper	0.0013	0.00047	0.01	1	1.3	mg/L	U	SW-846:6010
	Iron	0.027	0.0083	0.1	1	NE	mg/L	B	SW-846:6010
	Lead	0.0021	0.0022	0.003	0.05	0.015	mg/L	U	SW-846:6010
	Magnesium	12	0.0075	1	NE	NE	mg/L		SW-846:6010
	Manganese	0.00084	0.00015	0.01	0.2	NE	mg/L	B	SW-846:6010
	Mercury	0.00002	0.0000075	0.0002	0.002	0.002	mg/L	U	SW-846:7470
	Nickel	0.0016	0.00059	0.02	0.2	NE	mg/L	B	SW-846:6010
	Potassium	1.9	0.029	1	NE	NE	mg/L		SW-846:6010
	Selenium	0.0066	0.0047	0.005	0.05	0.05	mg/L		SW-846:6010
	Silver	0.00077	0.00069	0.01	0.05	NE	mg/L	U	SW-846:6010
	Sodium	21	0.006	1	NE	NE	mg/L		SW-846:6010
	Thallium	0.0095	0.0066	0.01	NE	0.002	mg/L	U	SW-846:6010
	Uranium	0.0013	0.0000074	0.0001	0.03	0.03	mg/L		SW-846:6020
	Uranium-235	0.0000045	0.0000074	0.0001	0.03	0.03	mg/L	U	SW-846:6020
	Uranium-238	0.0013	0.0000074	0.0001	0.03	0.03	mg/L		SW-846:6020
	Vanadium	0.0046	0.00051	0.01	NE	NE	mg/L	B	SW-846:6010
	Zinc	0.0024	0.0044	0.02	10	NE	mg/L	B	SW-846:6010

TABLE 1: SNL/NM Groundwater Monitoring, 4th Quarter FFY 2008 NMED DOE OB
Total (Unfiltered) Metals Results

Monitoring Well	Analyte	Result	MDL	Quantitation Limit	NM MAC	EPA MCL	Units	Laboratory Qualifier	Analytical Method
TJA-4 14-AUG-08	Aluminum	0.01	0.014	0.2	5	NE	mg/L	U	SW-846:6010
	Antimony	0.0041	0.0061	0.02	NE	0.006	mg/L	U	SW-846:6010
	Arsenic	0.0073	0.0042	0.01	0.1	0.01	mg/L	U	SW-846:6010
	Barium	0.18	0.0001	0.1	1	2	mg/L		SW-846:6010
	Beryllium	0.00012	0.00013	0.005	NE	0.004	mg/L	U	SW-846:6010
	Cadmium	0.0004	0.00033	0.005	0.01	0.005	mg/L	U	SW-846:6010
	Calcium	65	0.014	1	NE	NE	mg/L		SW-846:6010
	Chromium	0.0017	0.00051	0.01	0.05	0.1	mg/L	B	SW-846:6010
	Cobalt	0.00063	0.00031	0.01	0.05	NE	mg/L	U	SW-846:6010
	Copper	0.0013	0.00047	0.01	1	1.3	mg/L	U	SW-846:6010
	Iron	0.0075	0.0083	0.1	1	NE	mg/L	B	SW-846:6010
	Lead	0.0021	0.0022	0.003	0.05	0.015	mg/L	U	SW-846:6010
	Magnesium	14	0.0075	1	NE	NE	mg/L		SW-846:6010
	Manganese	0.00064	0.00015	0.01	0.2	NE	mg/L	B	SW-846:6010
	Mercury	0.00002	0.0000075	0.0002	0.002	0.002	mg/L	U	SW-846:7470
	Nickel	0.001	0.00059	0.02	0.2	NE	mg/L	U	SW-846:6010
	Potassium	3.2	0.029	1	NE	NE	mg/L		SW-846:6010
	Selenium	0.0065	0.0047	0.005	0.05	0.05	mg/L		SW-846:6010
	Silver	0.00088	0.00069	0.01	0.05	NE	mg/L	B	SW-846:6010
	Sodium	23	0.006	1	NE	NE	mg/L		SW-846:6010
	Thallium	0.0095	0.0066	0.01	NE	0.002	mg/L	U	SW-846:6010
	Uranium	0.0027	0.0000074	0.0001	0.03	0.03	mg/L		SW-846:6020
	Uranium-235	0.000017	0.0000074	0.0001	0.03	0.03	mg/L	B	SW-846:6020
	Uranium-238	0.0027	0.0000074	0.0001	0.03	0.03	mg/L		SW-846:6020
	Vanadium	0.0056	0.00051	0.01	NE	NE	mg/L	B	SW-846:6010
	Zinc	0.0068	0.0044	0.02	10	NE	mg/L	B	SW-846:6010

TABLE 1: SNL/NM Groundwater Monitoring, 4th Quarter FFY 2008 NMED DOE OB
Total (Unfiltered) Metals Results

Monitoring Well	Analyte	Result	MDL	Quantitation Limit	NM MAC	EPA MCL	Units	Laboratory Qualifier	Analytical Method
TJA-6 31-JUL-08	Aluminum	0.12	0.014	0.2	5	NE	mg/L	B	SW-846:6010
	Antimony	0.0041	0.0061	0.02	NE	0.006	mg/L	U	SW-846:6010
	Arsenic	0.0073	0.0042	0.01	0.1	0.01	mg/L	U	SW-846:6010
	Barium	0.067	0.0001	0.1	1	2	mg/L	B	SW-846:6010
	Beryllium	0.00092	0.00013	0.005	NE	0.004	mg/L	B	SW-846:6010
	Cadmium	0.0004	0.00033	0.005	0.01	0.005	mg/L	U	SW-846:6010
	Calcium	65	0.014	1	NE	NE	mg/L		SW-846:6010
	Chromium	0.00054	0.00051	0.01	0.05	0.1	mg/L	U	SW-846:6010
	Cobalt	0.00063	0.00031	0.01	0.05	NE	mg/L	U	SW-846:6010
	Copper	0.0013	0.00047	0.01	1	1.3	mg/L	U	SW-846:6010
	Iron	0.087	0.0083	0.1	1	NE	mg/L	B	SW-846:6010
	Lead	0.0021	0.0022	0.003	0.05	0.015	mg/L	U	SW-846:6010
	Magnesium	12	0.0075	1	NE	NE	mg/L		SW-846:6010
	Manganese	0.0029	0.00015	0.01	0.2	NE	mg/L	B	SW-846:6010
	Mercury	0.00002	0.0000075	0.0002	0.002	0.002	mg/L	U	SW-846:7470
	Nickel	0.001	0.00059	0.02	0.2	NE	mg/L	U	SW-846:6010
	Potassium	2.3	0.029	1	NE	NE	mg/L		SW-846:6010
	Selenium	0.0048	0.0047	0.005	0.05	0.05	mg/L	U	SW-846:6010
	Silver	0.00077	0.00069	0.01	0.05	NE	mg/L	U	SW-846:6010
	Sodium	22	0.006	1	NE	NE	mg/L		SW-846:6010
	Thallium	0.0095	0.0066	0.01	NE	0.002	mg/L	U	SW-846:6010
	Uranium	0.0029	0.0000074	0.0001	30	30	mg/L		SW-846:6020
	Uranium-235	0.000024	0.0000074	0.0001	30	30	mg/L	B	SW-846:6020
	Uranium-238	0.0029	0.0000074	0.0001	30	30	mg/L		SW-846:6020
	Vanadium	0.0051	0.00051	0.01	NE	NE	mg/L	B	SW-846:6010
	Zinc	0.0014	0.0044	0.02	10	NE	mg/L	U	SW-846:6010

TABLE 1: SNL/NM Groundwater Monitoring, 4th Quarter FFY 2008 NMED DOE OB
Total (Unfiltered) Metals Results

Monitoring Well	Analyte	Result	MDL	Quantitation Limit	NM MAC	EPA MCL	Units	Laboratory Qualifier	Analytical Method
WYO-3 28-JUL-08	Aluminum	0.18	0.014	0.2	5	NE	mg/L	B	SW-846:6010
	Antimony	0.0041	0.0061	0.02	NE	0.006	mg/L	U	SW-846:6010
	Arsenic	0.0073	0.0042	0.01	0.1	0.01	mg/L	U	SW-846:6010
	Barium	0.045	0.0001	0.1	1	2	mg/L	B	SW-846:6010
	Beryllium	0.00092	0.00013	0.005	NE	0.004	mg/L	B	SW-846:6010
	Cadmium	0.0004	0.00033	0.005	0.01	0.005	mg/L	U	SW-846:6010
	Calcium	60	0.014	1	NE	NE	mg/L		SW-846:6010
	Chromium	0.0031	0.00051	0.01	0.05	0.1	mg/L	B	SW-846:6010
	Cobalt	0.00063	0.00031	0.01	0.05	NE	mg/L	U	SW-846:6010
	Copper	0.0013	0.00047	0.01	1	1.3	mg/L	U	SW-846:6010
	Iron	0.14	0.0083	0.1	1	NE	mg/L		SW-846:6010
	Lead	0.0021	0.0022	0.003	0.05	0.015	mg/L	U	SW-846:6010
	Magnesium	12	0.0075	1	NE	NE	mg/L		SW-846:6010
	Manganese	0.0068	0.00015	0.01	0.2	NE	mg/L	B	SW-846:6010
	Mercury	0.00002	0.0000075	0.0002	0.002	0.002	mg/L	U	SW-846:7470
	Nickel	0.0019	0.00059	0.02	0.2	NE	mg/L	B	SW-846:6010
	Potassium	2.2	0.029	1	NE	NE	mg/L		SW-846:6010
	Selenium	0.0048	0.0047	0.005	0.05	0.05	mg/L	U	SW-846:6010
	Silver	0.00077	0.00069	0.01	0.05	NE	mg/L	U	SW-846:6010
	Sodium	23	0.006	1	NE	NE	mg/L		SW-846:6010
	Thallium	0.0095	0.0066	0.01	NE	0.002	mg/L	U	SW-846:6010
	Uranium	0.002	0.0000074	0.0001	0.03	0.03	mg/L		SW-846:6020
	Uranium-235	0.000016	0.0000074	0.0001	0.03	0.03	mg/L	B	SW-846:6020
	Uranium-238	0.002	0.0000074	0.0001	0.03	0.03	mg/L		SW-846:6020
	Vanadium	0.0053	0.00051	0.01	NE	NE	mg/L	B	SW-846:6010
	Zinc	0.021	0.0044	0.02	10	NE	mg/L		SW-846:6010

TABLE 1: SNL/NM Groundwater Monitoring, 4th Quarter FFY 2008 NMED DOE OB
Total (Unfiltered) Metals Results

Monitoring Well	Analyte	Result	MDL	Quantitation Limit	NM MAC	EPA MCL	Units	Laboratory Qualifier	Analytical Method
WYO-4 11-AUG-08	Aluminum	0.01	0.014	0.2	5	NE	mg/L	U	SW-846:6010
	Antimony	0.0041	0.0061	0.02	NE	0.006	mg/L	U	SW-846:6010
	Arsenic	0.0073	0.0042	0.01	0.1	0.01	mg/L	U	SW-846:6010
	Barium	0.17	0.0001	0.1	1	2	mg/L		SW-846:6010
	Beryllium	0.00012	0.00013	0.005	NE	0.004	mg/L	U	SW-846:6010
	Cadmium	0.0004	0.00033	0.005	0.01	0.005	mg/L	U	SW-846:6010
	Calcium	82	0.014	1	NE	NE	mg/L		SW-846:6010
	Chromium	0.00054	0.00051	0.01	0.05	0.1	mg/L	U	SW-846:6010
	Cobalt	0.00063	0.00031	0.01	0.05	NE	mg/L	U	SW-846:6010
	Copper	0.0013	0.00047	0.01	1	1.3	mg/L	U	SW-846:6010
	Iron	0.0093	0.0083	0.1	1	NE	mg/L	B	SW-846:6010
	Lead	0.0021	0.0022	0.003	0.05	0.015	mg/L	U	SW-846:6010
	Magnesium	14	0.0075	1	NE	NE	mg/L		SW-846:6010
	Manganese	0.00036	0.00015	0.01	0.2	NE	mg/L	B	SW-846:6010
	Mercury	0.00002	0.0000075	0.0002	0.002	0.002	mg/L	U	SW-846:7470
	Nickel	0.001	0.00059	0.02	0.2	NE	mg/L	U	SW-846:6010
	Potassium	2	0.029	1	NE	NE	mg/L		SW-846:6010
	Selenium	0.0087	0.0047	0.005	0.05	0.05	mg/L		SW-846:6010
	Silver	0.00077	0.00069	0.01	0.05	NE	mg/L	U	SW-846:6010
	Sodium	20	0.006	1	NE	NE	mg/L		SW-846:6010
	Thallium	0.0095	0.0066	0.01	NE	0.002	mg/L	U	SW-846:6010
	Uranium	0.0011	0.0000074	0.0001	0.03	0.03	mg/L		SW-846:6020
	Uranium-235	0.0000055	0.0000074	0.0001	0.03	0.03	mg/L	B	SW-846:6020
	Uranium-238	0.0011	0.0000074	0.0001	0.03	0.03	mg/L		SW-846:6020
	Vanadium	0.0021	0.00051	0.01	NE	NE	mg/L	B	SW-846:6010
	Zinc	0.013	0.0044	0.02	10	NE	mg/L	B	SW-846:6010

B = Result is an estimated value above MDL/IDL but less than the reporting limit.
E = Reported value is estimated due to interferences
NE = Not established
U = Analyte was analyzed for but was not detectec
* = Duplicate precision not within control limits

TABLE 2: SNL/NM Groundwater Monitoring, 4th Quarter FFY 2008 NMED DOE OB
Dissolved (Filtered) Metals Results

Monitoring Well	Analyte	Result	MDL	Quantitation Limit	NM MAC	EPA MCL	Units	Laboratory Qualifier	Analytical Method
MWL-MW7 16-JUL-08	Aluminum	0.038	0.014	0.2	5	NE	mg/L	U	SW-846:6010
	Antimony	0.0046	0.0061	0.02	NE	0.006	mg/L	U	SW-846:6010
	Arsenic	0.0052	0.0042	0.01	0.1	0.01	mg/L	U	SW-846:6010
	Barium	0.1	0.0001	0.1	1	2	mg/L		SW-846:6010
	Beryllium	0.00042	0.00013	0.005	NE	0.004	mg/L	U	SW-846:6010
	Cadmium	0.00041	0.00033	0.005	0.01	0.005	mg/L	U	SW-846:6010
	Calcium	59	0.014	1	NE	NE	mg/L		SW-846:6010
	Chromium	0.00057	0.00051	0.01	0.05	0.1	mg/L	U	SW-846:6010
	Cobalt	0.00076	0.00031	0.01	0.05	NE	mg/L	U	SW-846:6010
	Copper	0.00059	0.00047	0.01	1	NE	mg/L	U	SW-846:6010
	Iron	0.0067	0.0083	0.1	1	NE	mg/L	B	SW-846:6010
	Lead	0.0017	0.0022	0.003	0.05	NE	mg/L	U	SW-846:6010
	Magnesium	20	0.0075	1	NE	NE	mg/L		SW-846:6010
	Manganese	0.0081	0.00015	0.01	0.2	NE	mg/L	B	SW-846:6010
	Mercury	0.000016	0.0000075	0.0002	0.002	0.002	mg/L	U	SW-846:7470
	Nickel	0.00068	0.00059	0.02	0.2	NE	mg/L	U	SW-846:6010
	Potassium	5.6	0.029	1	NE	NE	mg/L		SW-846:6010
	Selenium	0.0036	0.0047	0.005	0.05	0.05	mg/L	U	SW-846:6010
	Silver	0.00065	0.00069	0.01	0.05	NE	mg/L	U	SW-846:6010
	Sodium	42	0.006	1	NE	NE	mg/L		SW-846:6010
	Thallium	0.0084	0.0066	0.01	NE	0.002	mg/L	U	SW-846:6010
	Uranium	0.008	0.0000074	0.0001	0.03	0.03	mg/L		SW-846:6020
	Uranium-235	0.000054	0.0000074	0.0001	0.03	0.03	mg/L	B	SW-846:6020
	Uranium-238	0.0079	0.0000074	0.0001	0.03	0.03	mg/L		SW-846:6020
	Vanadium	0.0035	0.00051	0.01	NE	NE	mg/L	B	SW-846:6010
	Zinc	0.0012	0.0044	0.02	10	NE	mg/L	U	SW-846:6010

TABLE 2: SNL/NM Groundwater Monitoring, 4th Quarter FFY 2008 NMED DOE OB
Dissolved (Filtered) Metals Results

Monitoring Well	Analyte	Result	MDL	Quantitation Limit	NM MAC	EPA MCL	Units	Laboratory Qualifier	Analytical Method
MWL-MW8 14-JUL-08	Aluminum	0.038	0.014	0.2	5	NE	mg/L	U	SW-846:6010
	Antimony	0.0046	0.0061	0.02	NE	0.006	mg/L	U	SW-846:6010
	Arsenic	0.0052	0.0042	0.01	0.1	0.01	mg/L	U	SW-846:6010
	Barium	0.000095	0.0001	0.1	1	2	mg/L	U	SW-846:6010
	Beryllium	0.00042	0.00013	0.005	NE	0.004	mg/L	U	SW-846:6010
	Cadmium	0.00041	0.00033	0.005	0.01	0.005	mg/L	U	SW-846:6010
	Calcium	0.11	0.014	1	NE	NE	mg/L	B	SW-846:6010
	Chromium	0.00057	0.00051	0.01	0.05	0.1	mg/L	U	SW-846:6010
	Cobalt	0.00076	0.00031	0.01	0.05	NE	mg/L	U	SW-846:6010
	Copper	0.00059	0.00047	0.01	1	NE	mg/L	U	SW-846:6010
	Iron	0.074	0.0083	0.1	1	NE	mg/L	B	SW-846:6010
	Lead	0.0017	0.0022	0.003	0.05	NE	mg/L	U	SW-846:6010
	Magnesium	0.0047	0.0075	1	NE	NE	mg/L	U	SW-846:6010
	Manganese	0.00013	0.00015	0.01	0.2	NE	mg/L	U	SW-846:6010
	Mercury	0.00002	0.0000075	0.0002	0.002	0.002	mg/L	U	SW-846:7470
	Nickel	0.026	0.00059	0.02	0.2	NE	mg/L		SW-846:6010
	Potassium	0.23	0.029	1	NE	NE	mg/L	B	SW-846:6010
	Selenium	0.0036	0.0047	0.005	0.05	0.05	mg/L	U	SW-846:6010
	Silver	0.00065	0.00069	0.01	0.05	NE	mg/L	U	SW-846:6010
	Sodium	0.45	0.006	1	NE	NE	mg/L	B	SW-846:6010
	Thallium	0.0084	0.0066	0.01	NE	0.002	mg/L	U	SW-846:6010
	Uranium	0.000013	0.0000074	0.0001	0.03	0.03	mg/L	B	SW-846:6020
	Uranium-235	0.0000035	0.0000074	0.0001	0.03	0.03	mg/L	U	SW-846:6020
	Uranium-238	0.000014	0.0000074	0.0001	0.03	0.03	mg/L	B	SW-846:6020
	Vanadium	0.00043	0.00051	0.01	NE	NE	mg/L	U	SW-846:6010
	Zinc	0.0012	0.0044	0.02	10	NE	mg/L	U	SW-846:6010

TABLE 2: SNL/NM Groundwater Monitoring, 4th Quarter FFY 2008 NMED DOE OB
Dissolved (Filtered) Metals Results

Monitoring Well	Analyte	Result	MDL	Quantitation Limit	NM MAC	EPA MCL	Units	Laboratory Qualifier	Analytical Method
MWL-MW9 15-JUL-08	Aluminum	0.038	0.014	0.2	5	NE	mg/L	U	SW-846:6010
	Antimony	0.0046	0.0061	0.02	NE	0.006	mg/L	U	SW-846:6010
	Arsenic	0.0052	0.0042	0.01	0.1	0.01	mg/L	U	SW-846:6010
	Barium	0.09	0.0001	0.1	1	2	mg/L	B	SW-846:6010
	Beryllium	0.00042	0.00013	0.005	NE	0.004	mg/L	U	SW-846:6010
	Cadmium	0.00041	0.00033	0.005	0.01	0.005	mg/L	U	SW-846:6010
	Calcium	54	0.014	1	NE	NE	mg/L		SW-846:6010
	Chromium	0.00057	0.00051	0.01	0.05	0.1	mg/L	U	SW-846:6010
	Cobalt	0.00076	0.00031	0.01	0.05	NE	mg/L	U	SW-846:6010
	Copper	0.00081	0.00047	0.01	1	NE	mg/L	B	SW-846:6010
	Iron	0.02	0.0083	0.1	1	NE	mg/L	B	SW-846:6010
	Lead	0.0017	0.0022	0.003	0.05	NE	mg/L	U	SW-846:6010
	Magnesium	17	0.0075	1	NE	NE	mg/L		SW-846:6010
	Manganese	0.02	0.00015	0.01	0.2	NE	mg/L		SW-846:6010
	Mercury	0.000016	0.0000075	0.0002	0.002	0.002	mg/L	U	SW-846:7470
	Nickel	0.00068	0.00059	0.02	0.2	NE	mg/L	U	SW-846:6010
	Potassium	6.4	0.029	1	NE	NE	mg/L		SW-846:6010
	Selenium	0.0043	0.0047	0.005	0.05	0.05	mg/L	B	SW-846:6010
	Silver	0.00065	0.00069	0.01	0.05	NE	mg/L	U	SW-846:6010
	Sodium	40	0.006	1	NE	NE	mg/L		SW-846:6010
	Thallium	0.0084	0.0066	0.01	NE	0.002	mg/L	U	SW-846:6010
	Uranium	0.0077	0.0000074	0.0001	0.03	0.03	mg/L		SW-846:6020
	Uranium-235	0.000052	0.0000074	0.0001	0.03	0.03	mg/L	B	SW-846:6020
	Uranium-238	0.0076	0.0000074	0.0001	0.03	0.03	mg/L		SW-846:6020
	Vanadium	0.0027	0.00051	0.01	NE	NE	mg/L	B	SW-846:6010
	Zinc	0.0013	0.0044	0.02	10	NE	mg/L	B	SW-846:6010

B = Result is an estimated value above MDL/IDL but less than the reporting limit.
NE = Not established
U = Analyte was analyzed for but was not detected

TABLE 3: SNL/NM Groundwater Monitoring, 4th Quarter FFY 2008 NMED DOE OB
Non-Metal Inorganic Results

Monitoring Well	Analyte	Result	MDL	NM MAC	EPA MCL	Units	Laboratory Qualifier	Analytical Method
LWDS-MW1 8-SEP-08	Nitrate-Nitrite as N	**12**	0.018	10	10	mg/L		EPA:353.2
MWL-MW7 16-JUL-08	Bromide	0.27	0.078	NE	NE	mg/L		EPA:300
	Chloride	48	0.25	250	NE	mg/L		EPA:300
	Fluoride	0.89	0.033	1.6	4	mg/L		EPA:300
	Nitrate-Nitrite as N	2.9	0.0037	10	10	mg/L		EPA:353.2
	Perchlorate (1)	0.00051	0.00001	NE	NE	mg/L		SW-846:6850
	Sulfate	37	0.33	600	NE	mg/L		EPA:300
MWL-MW8 14-JUL-08	Bromide	0.22	0.078	NE	NE	mg/L		EPA:300
	Chloride	58	0.25	250	NE	mg/L		EPA:300
	Fluoride	0.93	0.033	1.6	4	mg/L		EPA:300
	Nitrate-Nitrite as N	0.9	0.0018	10	10	mg/L		EPA:353.2
	Perchlorate (1)	0.00023	0.00001	NE	NE	mg/L		SW-846:6850
	Sulfate	38	0.33	600	NE	mg/L		EPA:300
MWL-MW9 15-JUL-08	Bromide	0.21	0.078	NE	NE	mg/L		EPA:300
	Chloride	47	0.25	250	NE	mg/L		EPA:300
	Fluoride	1.1	0.033	1.6	4	mg/L		EPA:300
	Nitrate-Nitrite as N	2	0.0037	10	10	mg/L		EPA:353.2
	Perchlorate (1)	0.00023	0.00001	NE	NE	mg/L		SW-846:6850
	Sulfate	38	0.33	600	NE	mg/L		EPA:300
PGS-2 9-JUL-08	Nitrate-Nitrite as N	0.92	0.0018	10	10	mg/L		EPA:353.2
TA1-W-01 9-JUL-08	Nitrate-Nitrite as N	2.9	0.0092	10	10	mg/L		EPA:353.2
TA1-W-02 10-JUL-08	Nitrate-Nitrite as N	1.1	0.0018	10	10	mg/L		EPA:353.2
TA1-W-03 11-JUL-08	Nitrate-Nitrite as N	7.4	0.0092	10	10	mg/L		EPA:353.2

TABLE 3: SNL/NM Groundwater Monitoring, 4th Quarter FFY 2008 NMED DOE OB

Non-Metal Inorganic Results

Monitoring Well	Analyte	Result	MDL	NM MAC	EPA MCL	Units	Laboratory Qualifier	Analytical Method
TA1-W-04 21-JUL-08	Nitrate-Nitrite as N	1.6	0.0018	10	10	mg/L		EPA:353.2
TA1-W-05 22-JUL-08	Nitrate-Nitrite as N	1.2	0.0018	10	10	mg/L		EPA:353.2
TA1-W-06 23-JUL-08	Nitrate-Nitrite as N	4.8	0.0092	10	10	mg/L		EPA:353.2
TA1-W-08 24-JUL-08	Nitrate-Nitrite as N	9.5	0.0092	10	10	mg/L		EPA:353.2
TA2-SW1-320 4-AUG-08	Nitrate-Nitrite as N	**25**	0.092	10	10	mg/L		EPA:353.2
TA2-W-19 13-AUG-08	Nitrate-Nitrite as N	9.2	0.018	10	10	mg/L		EPA:353.2
TA2-W-26 5-AUG-08	Nitrate-Nitrite as N	4.4	0.0092	10	10	mg/L		EPA:353.2
TAV-MW6 9-SEP-08	Nitrate-Nitrite as N	9.1	0.018	10	10	mg/L		EPA:353.2
TJA-2 7-AUG-08	Nitrate-Nitrite as N	9.4	0.018	10	10	mg/L		EPA:353.2
TJA-4 14-AUG-08	Nitrate-Nitrite as N	**33**	0.092	10	10	mg/L		EPA:353.2
TJA-6- 31-JUL-08	Nitrate-Nitrite as N	2.9	0.0092	10	10	mg/L		EPA:353.2
WYO-3 28-JUL-08	Nitrate-Nitrite as N	2	0.0018	10	10	mg/L		EPA:353.2
WYO-4 11-AUG-08	Nitrate-Nitrite as N	2.6	0.0092	10	10	mg/L		EPA:353.2

Values in bold exceed the established MAC and/or MCL.

(1) = NMED perchlorate screening level = 0.004 mg/L.

NE = Not established

TABLE 4: SNL/NM Groundwater Monitoring, 4th Quarter FFY 2008 NMED DOE OB

High Explosive Compounds Results

Monitoring Well	Analyte	Result	MDL	Quantitation Limit	Units	Laboratory Qualifier	Analytical Method
CTF-MW2 12-JUL-08	1,3,5-trinitrobenzene	0.067	0.067	0.25	µg/L	U	SW-846:8330
	1,3-Dinitrobenzene	0.03	0.03	0.1	µg/L	U	SW-846:8330
	2,4,6-Trinitrotoluene	0.11	0.11	0.25	µg/L	U	SW-846:8330
	2,4-Dinitrotoluene	0.096	0.096	0.2	µg/L	U	SW-846:8330
	2,6-Dinitrotoluene	0.16	0.16	0.25	µg/L	U	SW-846:8330
	2-Amino-4,6-dinitrotoluene	0.02	0.02	0.1	µg/L	U	SW-846:8330
	2-nitrotoluene	0.078	0.078	0.25	µg/L	U	SW-846:8330
	3-Nitrotoluene	0.14	0.14	0.25	µg/L	U	SW-846:8330
	4-Amino-2,6-dinitrotoluene	0.025	0.025	0.1	µg/L	U	SW-846:8330
	4-Methylnitrobenzene	0.12	0.12	0.25	µg/L	U	SW-846:8330
	HMX	0.042	0.042	0.25	µg/L	U	SW-846:8330
	Nitrobenzene	0.038	0.038	0.25	µg/L	U	SW-846:8330
	RDX	0.049	0.049	0.25	µg/L	U	SW-846:8330
	Tetryl	0.02	0.02	0.5	µg/L	U	SW-846:8330

U = Analyte was analyzed for but was not detected.

TABLE 5: SNL/NM Groundwater Monitoring, 4th Quarter FFY 2008 NMED DOE OB
Results for Gamma Emitting Isotopes and Gross Alpha/Beta

Monitoring Well	Analyte	Result	Uncertainty	MDA	Units	Laboratory Qualifier	Analytical Method
LWDS-MW1 8-SEP-08	Actinium-228	7	12	20	pCi/L	U	713R10
	Aluminum-26	4.4	4.2	6.7	pCi/L	U	713R10
	Americium-241	1.8	2.9	4.8	pCi/L	U	713R10
	Antimony-124	2.5	3.6	6	pCi/L	U	713R10
	Antimony-125	-2.2	5.8	11	pCi/L	U	713R10
	Beryllium-7	13	28	47	pCi/L	U	713R10
	Bismuth-212	-4.9	44	76	pCi/L	U	713R10
	Bismuth-214	8.2	17	28	pCi/L	U,J	713R10
	Cadmium-109	-10	29	49	pCi/L	U	713R10
	Cerium-139	0.24	1.6	2.6	pCi/L	U	713R10
	Cerium-144	-14	16	27	pCi/L	U	713R10
	Cesium-134	0.62	2.8	4.8	pCi/L	U	713R10
	Cesium-137	-0.36	3	5.2	pCi/L	U,M	713R10
	Chromium-51	-23	31	53	pCi/L	U	713R10
	Cobalt-56	-2.8	6.5	11	pCi/L	U	713R10
	Cobalt-57	-0.36	2.5	4.2	pCi/L	U	713R10
	Cobalt-58	0.78	3.4	5.8	pCi/L	U	713R10
	Cobalt-60	0.63	3.4	5.7	pCi/L	U	713R10
	Europium-152	-9.9	16	29	pCi/L	U	713R10
	Europium-154	-11	17	30	pCi/L	U	713R10
	Europium-155	-2.8	4.8	8.2	pCi/L	U	713R10
	Gross Alpha	3.8	1	1	pCi/L		724R10
	Gross Beta	4.4	1.4	2	pCi/L	M3	724R10
	Iodine-131	7.9	20	33	pCi/L	U	713R10
	Iron-59	-0.38	9	15	pCi/L	U	713R10
	Lead-212	0.55	6.9	12	pCi/L	U	713R10
	Lead-214	1.5	10	17	pCi/L	U,J	713R10
	Manganese-54	-0.98	3.2	5.6	pCi/L	U	713R10
	Niobium-94	1.2	3.2	5.3	pCi/L	U	713R10
	Niobium-95	-3.1	3.4	6.1	pCi/L	U	713R10
	Potassium-40	-27	75	130	pCi/L	U	713R10

Monitoring Well	Analyte	Result	Uncertainty	MDA	Units	Laboratory Qualifier	Analytical Method
LWDS-MW1 8-SEP-08	Protactinium-234m	310	490	810	pCi/L	U	713R10
	Ruthenium-106	-5.9	27	47	pCi/L	U	713R10
	Scandium-46	0.43	3.6	6.1	pCi/L	U	713R10
	Silver-110m	0.43	3	5	pCi/L	U	713R10
	Sodium-22	1.9	3.5	5.8	pCi/L	U	713R10
	Strontium-85	3	4.2	6.8	pCi/L	U	713R10
	Thallium-208	4	3	4.8	pCi/L	U	713R10
	Thorium-227	0.35	12	20	pCi/L	U	713R10
	Thorium-234	22	44	73	pCi/L	U	713R10
	Uranium-235	3.4	16	26	pCi/L	U	713R10
	Zinc-65	6.8	7.2	12	pCi/L	U	713R10
MWL-MW7 16-JUL-08	Actinium-228	15	12	19	pCi/L	U	713R10
	Aluminum-26	-0.18	3.9	6.9	pCi/L	U	713R10
	Americium-241	-2.1	2.8	4.8	pCi/L	U	713R10
	Antimony-124	-1	3.4	5.9	pCi/L	U	713R10
	Antimony-125	6.4	5.9	11	pCi/L	U	713R10
	Beryllium-7	12	26	43	pCi/L	U	713R10
	Bismuth-212	16	43	72	pCi/L	U	713R10
	Bismuth-214	3.6	12	20	pCi/L	U,J	713R10
	Cadmium-109	-4.4	28	47	pCi/L	U	713R10
	Cerium-139	0.95	1.1	1.9	pCi/L	U	713R10
	Cerium-144	-2	14	23	pCi/L	U	713R10
	Cesium-134	-0.41	2.8	4.8	pCi/L	U	713R10
	Cesium-137	-4	3.2	5.7	pCi/L	U,M	713R10
	Chromium-51	19	27	44	pCi/L	U	713R10
	Cobalt-56	6.5	6.1	9.8	pCi/L	U	713R10
	Cobalt-57	0.029	1.2	2.1	pCi/L	U	713R10
	Cobalt-58	-2.3	3.2	5.6	pCi/L	U	713R10
	Cobalt-60	-0.63	3.4	5.9	pCi/L	U	713R10
	Europium-152	-6.8	16	28	pCi/L	U	713R10
	Europium-154	-2.6	17	29	pCi/L	U	713R10

TABLE 5: SNL/NM Groundwater Monitoring, 4th Quarter FFY 2008 NMED DOE OB
Results for Gamma Emitting Isotopes and Gross Alpha/Beta

Monitoring Well	Analyte	Result	Uncertainty	MDA	Units	Laboratory Qualifier	Analytical Method
MWL-MW7 16-JUL-28	Europium-155	-0.64	4.7	8	pCi/L	U	713R10
	Gross Alpha	5.4	1.2	0.78	pCi/L		724R10
	Gross Beta	8.7	1.9	1.9	pCi/L	M3	724R10
	Iodine-131	-3.5	13	22	pCi/L	U	713R10
	Iron-59	-16	13	23	pCi/L	U	713R10
	Lead-212	1.2	7.4	12	pCi/L	U	713R10
	Lead-214	3.8	5.1	9.1	pCi/L	U,J	713R10
	Manganese-54	0.56	3.1	5.2	pCi/L	U	713R10
	Niobium-94	-1.7	3.1	5.4	pCi/L	U	713R10
	Niobium-95	-2.2	3.2	5.6	pCi/L	U	713R10
	Potassium-40	-17	80	130	pCi/L	U	713R10
	Protactinium-234m	440	500	820	pCi/L	U	713R10
	Ruthenium-106	-36	27	48	pCi/L	U	713R10
	Scandium-46	-1.1	3.3	5.7	pCi/L	U	713R10
	Silver-110m	3.9	3.1	4.9	pCi/L	U	713R10
	Sodium-22	0.3	3.4	5.8	pCi/L	U	713R10
	Strontium-85	3.5	4.3	6.8	pCi/L	U	713R10
	Thallium-208	5.2	2.9	4.5	pCi/L	TI	713R10
	Thorium-227	-1.6	12	20	pCi/L	U	713R10
	Thorium-234	2.8	48	79	pCi/L	U	713R10
	Uranium-235	15	9.6	17	pCi/L	U	713R10
	Zinc-65	1.9	6.6	11	pCi/L	U	713R10
MWL-MW8 14-JUL-08	Actinium-228	23	11	16	pCi/L	TI	713R10
	Aluminum-26	0.42	3.6	6.2	pCi/L	U	713R10
	Americium-241	13	26	43	pCi/L	U	713R10
	Antimony-124	-0.44	3.6	6	pCi/L	U	713R10
	Antimony-125	4.9	5.8	10	pCi/L	U	713R10
	Beryllium-7	-4.2	24	41	pCi/L	U	713R10
	Bismuth-212	33	36	59	pCi/L	U	713R10
	Bismuth-214	12	6.2	9.6	pCi/L	J,TI	713R10
	Cadmium-109	8	53	89	pCi/L	U	713R10

Monitoring Well	Analyte	Result	Uncertainty	MDA	Units	Laboratory Qualifier	Analytical Method
MWL-MW8 14-JUL-17	Cerium-139	-0.76	1.8	3	pCi/L	U	713R10
	Cerium-144	-2	11	19	pCi/L	U	713R10
	Cesium-134	-2.5	2.8	4.9	pCi/L	U	713R10
	Cesium-137	-0.51	2.6	4.4	pCi/L	U	713R10
	Chromium-51	31	31	50	pCi/L	U	713R10
	Cobalt-56	-2.5	5.5	9.7	pCi/L	U	713R10
	Cobalt-57	0.48	2.3	3.8	pCi/L	U	713R10
	Cobalt-58	-0.16	3.1	5.3	pCi/L	U	713R10
	Cobalt-60	1.7	3	5	pCi/L	U	713R10
	Europium-152	-8.3	15	27	pCi/L	U	713R10
	Europium-154	9.7	14	24	pCi/L	U	713R10
	Europium-155	-2.8	6.4	11	pCi/L	U	713R10
	Gross Alpha	6.7	1.5	0.94	pCi/L		724R10
	Gross Beta	7.9	1.8	2	pCi/L	M3	724R10
	Iodine-131	-9	29	49	pCi/L	U	713R10
	Iron-59	6.1	7.5	12	pCi/L	U	713R10
	Lead-212	0.16	7	12	pCi/L	U	713R10
	Lead-214	6.8	5.2	8.3	pCi/L	U,J	713R10
	Manganese-54	2	2.8	4.6	pCi/L	U	713R10
	Niobium-94	0.56	2.7	4.5	pCi/L	U	713R10
	Niobium-95	-1.7	2.9	5.1	pCi/L	U	713R10
	Potassium-40	37	68	110	pCi/L	U	713R10
	Protactinium-234m	68	440	740	pCi/L	U	713R10
	Ruthenium-106	-20	24	42	pCi/L	U	713R10
	Scandium-46	0.39	3	5.1	pCi/L	U	713R10
	Silver-110m	0.092	2.4	4.1	pCi/L	U	713R10
	Sodium-22	-1	2.9	5.1	pCi/L	U	713R10
	Strontium-85	1.1	4.6	7.6	pCi/L	U	713R10
	Thallium-208	5.9	2.9	4.4	pCi/L	TI	713R10
	Thorium-227	-3.9	12	21	pCi/L	U	713R10
	Thorium-234	10	79	130	pCi/L	U	713R10
	Uranium-235	3.3	17	28	pCi/L	U	713R10
	Zinc-65	-4.8	6.3	11	pCi/L	U	713R10

TABLE 5: SNL/NM Groundwater Monitoring, 4th Quarter FFY 2008
Results for Gamma Emitting Isotopes and Gross Alpha/Beta

Monitoring Well	Analyte	Result	Uncertainty	MDA	Units	Laboratory Qualifier	Analytical Method
MWL-MW9 15-JUL-08	Actinium-228	15	12	19	pCi/L	U	713R10
	Aluminum-26	2.5	3.8	6.3	pCi/L	U	713R10
	Americium-241	-0.75	2.8	4.7	pCi/L	U	713R10
	Antimony-124	-1.1	3.4	5.9	pCi/L	U	713R10
	Antimony-125	4.8	5.9	10	pCi/L	U	713R10
	Beryllium-7	-4.5	27	46	pCi/L	U	713R10
	Bismuth-212	24	43	71	pCi/L	U	713R10
	Bismuth-214	9.7	6.1	9.6	pCi/L	J,TI	713R10
	Cadmium-109	6.7	28	47	pCi/L	U	713R10
	Cerium-139	-0.96	1.5	2.6	pCi/L	U	713R10
	Cerium-144	-8.8	14	23	pCi/L	U	713R10
	Cesium-134	-1.1	2.8	4.8	pCi/L	U	713R10
	Cesium-137	-2.3	3.1	5.5	pCi/L	U,M	713R10
	Chromium-51	-0.94	29	49	pCi/L	U	713R10
	Cobalt-56	0.69	6.5	11	pCi/L	U	713R10
	Cobalt-57	0.79	0.72	1.2	pCi/L	U	713R10
	Cobalt-58	0.048	3.2	5.5	pCi/L	U	713R10
	Cobalt-60	2	3.6	6	pCi/L	U	713R10
	Europium-152	2.1	16	27	pCi/L	U	713R10
	Europium-154	-4	16	29	pCi/L	U	713R10
	Europium-155	-0.43	4.6	7.8	pCi/L	U	713R10
	Gross Alpha	6.5	1.4	0.85	pCi/L		724R10
	Gross Beta	7.3	1.8	2.1	pCi/L	M3	724R10
	Iodine-131	3.3	15	25	pCi/L	U	713R10
	Iron-59	5.1	8.4	14	pCi/L	U	713R10
	Lead-212	1.4	7.4	12	pCi/L	U	713R10
	Lead-214	-4.1	11	19	pCi/L	U,J	713R10
	Manganese-54	-1.7	3.2	5.6	pCi/L	U	713R10
	Niobium-94	2.8	3.1	5.1	pCi/L	U	713R10

Monitoring Well	Analyte	Result	Uncertainty	MDA	Units	Laboratory Qualifier	Analytical Method
MWL-MW9 15-JUL-15	Niobium-95	-0.39	3.2	5.5	pCi/L	U	713R10
	Potassium-40	3.7	82	140	pCi/L	U	713R10
	Protactinium-234m	150	480	810	pCi/L	U	713R10
	Ruthenium-106	20	26	42	pCi/L	U	713R10
	Scandium-46	0.34	3.6	6.1	pCi/L	U	713R10
	Silver-110m	-0.22	3.1	5.2	pCi/L	U	713R10
	Sodium-22	1.6	3.4	5.7	pCi/L	U	713R10
	Strontium-85	3.8	3.8	6	pCi/L	U	713R10
	Thallium-208	7.6	3.1	4.5	pCi/L	TI	713R10
	Thorium-227	4.5	18	29	pCi/L	U	713R10
	Thorium-234	5.7	49	81	pCi/L	U	713R10
	Uranium-235	16	9.6	16	pCi/L	TI	713R10
	Zinc-65	1.4	6.8	12	pCi/L	U	713R10
PGS-2 9-JUL-08	Actinium-228	10	12	19	pCi/L	U	713R10
	Aluminum-26	-0.046	3.9	6.9	pCi/L	U	713R10
	Americium-241	1.3	2.8	4.6	pCi/L	U	713R10
	Antimony-124	-0.27	3.8	6.4	pCi/L	U	713R10
	Antimony-125	1.7	5.9	11	pCi/L	U	713R10
	Beryllium-7	-5.2	29	49	pCi/L	U	713R10
	Bismuth-212	16	43	72	pCi/L	U	713R10
	Bismuth-214	-0.16	12	20	pCi/L	U,J	713R10
	Cadmium-109	-16	58	97	pCi/L	U	713R10
	Cerium-139	1.4	1.6	2.6	pCi/L	U	713R10
	Cerium-144	1.4	14	23	pCi/L	U	713R10
	Cesium-134	-0.21	2.9	5	pCi/L	U	713R10
	Cesium-137	-2.3	3.3	5.7	pCi/L	U,M	713R10
	Chromium-51	21	32	53	pCi/L	U	713R10
	Cobalt-56	2.3	6.4	11	pCi/L	U	713R10
	Cobalt-57	0.0029	1.3	2.1	pCi/L	U	713R10
	Cobalt-58	1	3.4	5.7	pCi/L	U	713R10
	Cobalt-60	2.5	3.6	5.9	pCi/L	U	713R10

Monitoring Well	Analyte	Result	Uncertainty	MDA	Units	Laboratory Qualifier	Analytical Method
PGS-2 9-JUL-11	Europium-152	9.4	16	27	pCi/L	U	713R10
	Europium-154	-17	17	30	pCi/L	U	713R10
	Europium-155	1.5	4.7	7.9	pCi/L	U	713R10
	Gross Alpha	1.8	0.58	0.62	pCi/L		724R10
	Gross Beta	3.2	1.2	1.6	pCi/L	M3	724R10
	Iodine-131	-13	21	36	pCi/L	U	713R10
	Iron-59	14	9.4	15	pCi/L	U	713R10
	Lead-212	-0.048	7	12	pCi/L	U	713R10
	Lead-214	10	4.7	8.5	pCi/L	J,TI	713R10
	Manganese-54	-1.8	3.2	5.6	pCi/L	U	713R10
	Niobium-94	-0.97	3.2	5.5	pCi/L	U	713R10
	Niobium-95	3.9	3.5	5.6	pCi/L	U	713R10
	Potassium-40	22	82	140	pCi/L	U	713R10
	Protactinium-234m	430	520	850	pCi/L	U	713R10
	Ruthenium-106	17	27	44	pCi/L	U	713R10
	Scandium-46	-0.61	3.6	6.2	pCi/L	U	713R10
	Silver-110m	0.89	3	5	pCi/L	U	713R10
	Sodium-22	-3.5	3.3	6.1	pCi/L	U	713R10
	Strontium-85	4.1	4.1	6.5	pCi/L	U	713R10
	Thallium-208	3	2.9	4.7	pCi/L	U	713R10
	Thorium-227	7.5	12	20	pCi/L	U	713R10
	Thorium-234	9.2	49	81	pCi/L	U	713R10
	Uranium-235	7.7	9	16	pCi/L	U	713R10
	Zinc-65	-1	7.2	12	pCi/L	U	713R10
TA1-W-01 9-JUL-08	Actinium-228	0.94	15	26	pCi/L	U	713R10
	Aluminum-26	2.1	2.8	4.5	pCi/L	U	713R10
	Americium-241	0.53	2.5	4.1	pCi/L	U	713R10
	Antimony-124	-3.8	2.9	5.1	pCi/L	U	713R10
	Antimony-125	11	5	8.5	pCi/L	TI	713R10
	Beryllium-7	8.7	21	34	pCi/L	U	713R10
	Bismuth-212	21	34	56	pCi/L	U	713R10

Monitoring Well	Analyte	Result	Uncertainty	MDA	Units	Laboratory Qualifier	Analytical Method
TA1-W-01 9-JUL-15	Bismuth-214	0.49	9.2	15	pCi/L	U,J	713R10
	Cadmium-109	13	24	40	pCi/L	U	713R10
	Cerium-139	-1.4	1.3	2.2	pCi/L	U	713R10
	Cerium-144	-1.5	8.2	14	pCi/L	U	713R10
	Cesium-134	-2.1	2.2	3.9	pCi/L	U	713R10
	Cesium-137	-1.8	2.1	3.7	pCi/L	U	713R10
	Chromium-51	-17	26	44	pCi/L	U	713R10
	Cobalt-56	0.6	4.5	7.6	pCi/L	U	713R10
	Cobalt-57	-1.3	1.1	1.8	pCi/L	U	713R10
	Cobalt-58	1.5	2.8	4.6	pCi/L	U	713R10
	Cobalt-60	1.1	2.5	4.3	pCi/L	U	713R10
	Europium-152	-1	12	21	pCi/L	U	713R10
	Europium-154	-1.5	13	22	pCi/L	U	713R10
	Europium-155	0.16	3.9	6.6	pCi/L	U	713R10
	Gross Alpha	2.8	0.74	0.66	pCi/L		724R10
	Gross Beta	3.7	1.2	1.6	pCi/L	M3	724R10
	Iodine-131	0.27	19	31	pCi/L	U	713R10
	Iron-59	4.1	7.1	12	pCi/L	U	713R10
	Lead-212	-0.78	6.2	10	pCi/L	U	713R10
	Lead-214	-7.1	9.6	16	pCi/L	U,J	713R10
	Manganese-54	-2.3	2.2	3.9	pCi/L	U	713R10
	Niobium-94	-0.83	2.4	4.1	pCi/L	U	713R10
	Niobium-95	0.2	2.7	4.6	pCi/L	U	713R10
	Potassium-40	29	66	110	pCi/L	U	713R10
	Protactinium-234m	440	390	620	pCi/L	U	713R10
	Ruthenium-106	6.9	20	34	pCi/L	U	713R10
	Scandium-46	-0.91	2.7	4.7	pCi/L	U	713R10
	Silver-110m	2	2.1	3.3	pCi/L	U	713R10
	Sodium-22	0.41	2.5	4.2	pCi/L	U	713R10
	Strontium-85	3.1	3.6	5.8	pCi/L	U	713R10
	Thallium-208	2.5	5	8.2	pCi/L	U	713R10

TABLE 5: SNL/NM Groundwater Monitoring, 4th Quarter FFY 2008 NMED DOE OB
Results for Gamma Emitting Isotopes and Gross Alpha/Beta

Monitoring Well	Analyte	Result	Uncertainty	MDA	Units	Laboratory Qualifier	Analytical Method
TA1-W-01 9-JUL-38	Thorium-227	-1.5	9.7	16	pCi/L	U	713R10
	Thorium-234	-38	43	71	pCi/L	U	713R10
	Uranium-235	11	8.3	13	pCi/L	U	713R10
	Zinc-65	-1	5.7	9.7	pCi/L	U	713R10
TA1-W-02 10-JUL-08	Actinium-228	12	13	25	pCi/L	U	713R10
	Aluminum-26	1.2	4.3	7.2	pCi/L	U	713R10
	Americium-241	0.61	18	30	pCi/L	U	713R10
	Antimony-124	2.1	4.3	7.1	pCi/L	U	713R10
	Antimony-125	-4.6	6.7	12	pCi/L	U	713R10
	Beryllium-7	-11	32	55	pCi/L	U	713R10
	Bismuth-212	53	47	75	pCi/L	U	713R10
	Bismuth-214	12	6.8	11	pCi/L	TI,J	713R10
	Cadmium-109	8.3	61	100	pCi/L	U	713R10
	Cerium-139	-0.58	2	3.4	pCi/L	U	713R10
	Cerium-144	5.9	13	22	pCi/L	U	713R10
	Cesium-134	-0.44	3.2	5.4	pCi/L	U	713R10
	Cesium-137	-4.4	3.1	5.4	pCi/L	U,M	713R10
	Chromium-51	2.8	42	70	pCi/L	U	713R10
	Cobalt-56	2.6	7.2	12	pCi/L	U	713R10
	Cobalt-57	0.51	1.8	3	pCi/L	U	713R10
	Cobalt-58	1.5	3.5	5.9	pCi/L	U	713R10
	Cobalt-60	0.045	3.7	6.3	pCi/L	U	713R10
	Europium-152	-3.7	19	32	pCi/L	U	713R10
	Europium-154	7.9	18	30	pCi/L	U	713R10
	Europium-155	-1.1	7.2	12	pCi/L	U	713R10
	Gross Alpha	3.4	0.84	0.69	pCi/L		724R10
	Gross Beta	3.7	1.2	1.6	pCi/L	M3	724R10
	Iodine-131	8.3	29	48	pCi/L	U	713R10
	Iron-59	1.4	9.7	16	pCi/L	U	713R10
	Lead-212	0.29	8.8	15	pCi/L	U	713R10
	Lead-214	6.5	5.8	9.4	pCi/L	U,J	713R10

Monitoring Well	Analyte	Result	Uncertainty	MDA	Units	Laboratory Qualifier	Analytical Method
TA1-W-02 10-JUL-35	Manganese-54	2.6	3.4	5.6	pCi/L	U	713R10
	Niobium-94	1.2	3.3	5.6	pCi/L	U	713R10
	Niobium-95	-2.1	3.9	6.7	pCi/L	U	713R10
	Potassium-40	38	87	140	pCi/L	U	713R10
	Protactinium-234m	330	550	920	pCi/L	U	713R10
	Ruthenium-106	-20	30	52	pCi/L	U	713R10
	Scandium-46	-1.5	3.6	6.3	pCi/L	U	713R10
	Silver-110m	4.4	3	4.7	pCi/L	U	713R10
	Sodium-22	-2	3.6	6.3	pCi/L	U	713R10
	Strontium-85	-2.8	5.9	10	pCi/L	U	713R10
	Thallium-208	-1.1	6.5	11	pCi/L	U	713R10
	Thorium-227	1.3	15	25	pCi/L	U	713R10
	Thorium-234	-5.3	86	140	pCi/L	U	713R10
	Uranium-235	12	13	21	pCi/L	U	713R10
	Zinc-65	0.58	7.5	13	pCi/L	U	713R10
TA1-W-03 11-JUL-08	Actinium-228	17	11	17	pCi/L	U	713R10
	Aluminum-26	1.3	3.4	5.8	pCi/L	U	713R10
	Americium-241	0.89	13	22	pCi/L	U	713R10
	Antimony-124	-3.7	3.7	6.4	pCi/L	U	713R10
	Antimony-125	0.63	6.3	11	pCi/L	U	713R10
	Beryllium-7	-23	43	73	pCi/L	U	713R10
	Bismuth-212	-11	40	69	pCi/L	U	713R10
	Bismuth-214	-3.2	13	22	pCi/L	U,J	713R10
	Cadmium-109	0.35	51	86	pCi/L	U	713R10
	Cerium-139	1.7	2	3.3	pCi/L	U	713R10
	Cerium-144	1.8	11	19	pCi/L	U	713R10
	Cesium-134	-1.1	2.9	4.9	pCi/L	U	713R10
	Cesium-137	-1.1	2.7	4.8	pCi/L	U	713R10
	Chromium-51	-2.2	31	52	pCi/L	U	713R10
	Cobalt-56	0.6	5.5	9.5	pCi/L	U	713R10
	Cobalt-57	-0.77	2.6	4.4	pCi/L	U	713R10

TABLE 5: SNL/NM Groundwater Monitoring, 4th Quarter FFY 2008 NMED DOE OB
Results for Gamma Emitting Isotopes and Gross Alpha/Beta

Monitoring Well	Analyte	Result	Uncertainty	MDA	Units	Laboratory Qualifier	Analytical Method
TA1-W-03 11-JUL-24	Cobalt-58	-0.37	3.3	5.6	pCi/L	U	713R10
	Cobalt-60	-2.6	3.1	5.6	pCi/L	U	713R10
	Europium-152	-8.7	14	26	pCi/L	U	713R10
	Europium-154	-6.3	16	28	pCi/L	U	713R10
	Europium-155	0.37	6.2	10	pCi/L	U	713R10
	Gross Alpha	0.61	1.3	2.3	pCi/L	U,M	724R10
	Gross Beta	7.2	2.8	4	pCi/L	M3	724R10
	Iodine-131	-1.5	19	33	pCi/L	U	713R10
	Iron-59	4.2	8	13	pCi/L	U	713R10
	Lead-212	-0.46	8.1	13	pCi/L	U	713R10
	Lead-214	-8.9	12	20	pCi/L	U,J	713R10
	Manganese-54	-0.15	2.8	4.9	pCi/L	U	713R10
	Niobium-94	1.8	3.1	5.1	pCi/L	U	713R10
	Niobium-95	0.13	3.4	5.7	pCi/L	U	713R10
	Potassium-40	-0.62	75	130	pCi/L	U	713R10
	Protactinium-234m	-120	960	1600	pCi/L	U	713R10
	Ruthenium-106	-4	25	43	pCi/L	U	713R10
	Scandium-46	-0.79	3.3	5.7	pCi/L	U	713R10
	Silver-110m	-1.5	2.6	4.6	pCi/L	U	713R10
	Sodium-22	-0.1	3	5.3	pCi/L	U	713R10
	Strontium-85	2.7	4.5	7.3	pCi/L	U	713R10
	Thallium-208	-0.98	6.6	11	pCi/L	U	713R10
	Thorium-227	0.74	12	20	pCi/L	U	713R10
	Thorium-234	-40	79	130	pCi/L	U	713R10
	Uranium-235	-1.2	26	43	pCi/L	U	713R10
	Zinc-65	4.7	6.9	11	pCi/L	U	713R10
TA1-W-04 21-JUL-08	Actinium-228	17	11	17	pCi/L	TI	713R10
	Aluminum-26	-1.6	3.9	6.8	pCi/L	U	713R10
	Americium-241	6.8	16	26	pCi/L	U	713R10
	Antimony-124	11	10	16	pCi/L	U	713R10
	Antimony-125	5.6	5.9	10	pCi/L	U	713R10

Monitoring Well	Analyte	Result	Uncertainty	MDA	Units	Laboratory Qualifier	Analytical Method
TA1-W-04 21-JUL-13	Beryllium-7	-2.6	28	48	pCi/L	U	713R10
	Bismuth-212	56	42	67	pCi/L	U	713R10
	Bismuth-214	1.9	14	23	pCi/L	U,J	713R10
	Cadmium-109	-89	80	140	pCi/L	U	713R10
	Cerium-139	-1.1	1.8	3	pCi/L	U	713R10
	Cerium-144	9.6	12	19	pCi/L	U	713R10
	Cesium-134	5.8	7.9	13	pCi/L	U	713R10
	Cesium-137	1.5	2.8	4.6	pCi/L	U	713R10
	Chromium-51	7.5	36	60	pCi/L	U	713R10
	Cobalt-56	3.9	6.3	10	pCi/L	U	713R10
	Cobalt-57	0.21	1.6	2.6	pCi/L	U	713R10
	Cobalt-58	0.24	3.2	5.5	pCi/L	U	713R10
	Cobalt-60	-0.34	3.3	5.6	pCi/L	U	713R10
	Europium-152	-3.1	16	28	pCi/L	U	713R10
	Europium-154	9.3	16	26	pCi/L	U	713R10
	Europium-155	0.078	6.4	11	pCi/L	U	713R10
	Gross Alpha	3	1.1	1.4	pCi/L		724R10
	Gross Beta	2.7	2.1	3.4	pCi/L	U,M	724R10
	Iodine-131	-8.1	26	44	pCi/L	U	713R10
	Iron-59	1.1	9.1	15	pCi/L	U	713R10
	Lead-212	0.49	7.8	13	pCi/L	U	713R10
	Lead-214	-0.72	9.3	16	pCi/L	U,J	713R10
	Manganese-54	-1.7	2.8	4.9	pCi/L	U	713R10
	Niobium-94	2	3	5	pCi/L	U	713R10
	Niobium-95	0.7	3.4	5.7	pCi/L	U	713R10
	Potassium-40	10	77	130	pCi/L	U	713R10
	Protactinium-234m	660	490	780	pCi/L	U	713R10
	Ruthenium-106	-11	26	45	pCi/L	U	713R10
	Scandium-46	0.36	3.4	5.7	pCi/L	U	713R10
	Silver-110m	0.41	2.7	4.6	pCi/L	U	713R10
	Sodium-22	2.5	3.2	5.3	pCi/L	U	713R10

Monitoring Well	Analyte	Result	Uncertainty	MDA	Units	Laboratory Qualifier	Analytical Method
TA1-W-04 21-JUL-22	Strontium-85	3.5	5.6	9.2	pCi/L	U	713R10
	Thallium-208	4.6	2.9	4.5	pCi/L	TI	713R10
	Thorium-227	-8.2	20	34	pCi/L	U	713R10
	Thorium-234	-6.7	71	120	pCi/L	U	713R10
	Uranium-235	18	12	18	pCi/L	U	713R10
	Zinc-65	0	7.1	12	pCi/L	U	713R10
TA1-W-05 22-JUL-08	Actinium-228	6.1	23	38	pCi/L	U	713R10
	Aluminum-26	-0.37	2.7	4.7	pCi/L	U	713R10
	Americium-241	0.79	2.5	4.1	pCi/L	U	713R10
	Antimony-124	1.3	2.9	4.9	pCi/L	U	713R10
	Antimony-125	1.9	5.2	9.6	pCi/L	U	713R10
	Beryllium-7	6.4	21	35	pCi/L	U	713R10
	Bismuth-212	42	33	53	pCi/L	U	713R10
	Bismuth-214	14	5	7.3	pCi/L	J,TI	713R10
	Cadmium-109	31	25	40	pCi/L	U	713R10
	Cerium-139	-0.34	1.3	2.2	pCi/L	U	713R10
	Cerium-144	3	8.5	14	pCi/L	U	713R10
	Cesium-134	-0.11	2.2	3.8	pCi/L	U	713R10
	Cesium-137	-0.22	2.2	3.7	pCi/L	U	713R10
	Chromium-51	8.6	27	45	pCi/L	U	713R10
	Cobalt-56	2.7	4.5	7.4	pCi/L	U	713R10
	Cobalt-57	-0.038	1.1	1.8	pCi/L	U	713R10
	Cobalt-58	-3.2	2.8	4.9	pCi/L	U	713R10
	Cobalt-60	-0.77	2.4	4.2	pCi/L	U	713R10
	Europium-152	-1	12	21	pCi/L	U	713R10
	Europium-154	-13	13	22	pCi/L	U	713R10
	Europium-155	-0.15	3.9	6.5	pCi/L	U	713R10
	Gross Alpha	2.9	0.79	0.72	pCi/L		724R10
	Gross Beta	3.5	1.1	1.4	pCi/L		724R10
	Iodine-131	-6.5	19	33	pCi/L	U	713R10
	Iron-59	-3	11	19	pCi/L	U	713R10

TABLE 5: SNL/NM Groundwater Monitoring, 4th Quarter FFY 2008 NMED DOE OB
Results for Gamma Emitting Isotopes and Gross Alpha/Beta

Monitoring Well	Analyte	Result	Uncertainty	MDA	Units	Laboratory Qualifier	Analytical Method
TA1-W-05 22-JUL-18	Lead-212	-3.4	6.6	11	pCi/L	U	713R10
	Lead-214	-0.89	7.3	12	pCi/L	U,J	713R10
	Manganese-54	-1.1	2.2	3.8	pCi/L	U	713R10
	Niobium-94	-1.6	2.4	4.2	pCi/L	U	713R10
	Niobium-95	0.91	2.8	4.6	pCi/L	U	713R10
	Potassium-40	-6.5	62	100	pCi/L	U	713R10
	Protactinium-234m	210	380	630	pCi/L	U	713R10
	Ruthenium-106	-16	21	36	pCi/L	U	713R10
	Scandium-46	0.37	2.7	4.6	pCi/L	U	713R10
	Silver-110m	0.95	2.1	3.6	pCi/L	U	713R10
	Sodium-22	0.95	2.5	4.2	pCi/L	U	713R10
	Strontium-85	4	3.8	6	pCi/L	U	713R10
	Thallium-208	3.3	2.3	3.6	pCi/L	U	713R10
	Thorium-227	-2	10	17	pCi/L	U	713R10
	Thorium-234	5	40	65	pCi/L	U	713R10
	Uranium-235	5	8.2	14	pCi/L	U	713R10
	Zinc-65	2.4	5.7	9.5	pCi/L	U	713R10
TA1-W-06 23-JUL-08	Actinium-228	12	11	20	pCi/L	U	713R10
	Aluminum-26	0.12	3.9	6.8	pCi/L	U	713R10
	Americium-241	-0.081	2.7	4.6	pCi/L	U	713R10
	Antimony-124	0.2	3.8	6.3	pCi/L	U	713R10
	Antimony-125	3.9	5.7	11	pCi/L	U	713R10
	Beryllium-7	-1.6	29	49	pCi/L	U	713R10
	Bismuth-212	37	44	72	pCi/L	U	713R10
	Bismuth-214	6	6.2	10	pCi/L	U,J	713R10
	Cadmium-109	-48	65	110	pCi/L	U	713R10
	Cerium-139	0.16	1.7	2.8	pCi/L	U	713R10
	Cerium-144	5.1	10	17	pCi/L	U	713R10
	Cesium-134	-0.46	2.9	4.9	pCi/L	U	713R10
	Cesium-137	-0.79	3	5.2	pCi/L	U,M	713R10
	Chromium-51	14	32	53	pCi/L	U	713R10

Monitoring Well	Analyte	Result	Uncertainty	MDA	Units	Laboratory Qualifier	Analytical Method
TA1-W-06 23-JUL-14	Cobalt-56	1.1	6.6	11	pCi/L	U	713R10
	Cobalt-57	0.76	1.7	2.9	pCi/L	U	713R10
	Cobalt-58	-0.86	3.5	6	pCi/L	U	713R10
	Cobalt-60	-0.63	3.5	6.2	pCi/L	U	713R10
	Europium-152	3.6	16	27	pCi/L	U	713R10
	Europium-154	3.1	16	28	pCi/L	U	713R10
	Europium-155	-4.7	4.8	8.2	pCi/L	U	713R10
	Gross Alpha	1.8	0.77	0.98	pCi/L		724R10
	Gross Beta	4.4	1.7	2.5	pCi/L	M3	724R10
	Iodine-131	0.99	23	38	pCi/L	U	713R10
	Iron-59	3.9	9	15	pCi/L	U	713R10
	Lead-212	3.4	7.6	13	pCi/L	U	713R10
	Lead-214	4.5	5.4	8.8	pCi/L	U,J	713R10
	Manganese-54	0	3.2	5.5	pCi/L	U	713R10
	Niobium-94	1.5	3.1	5.1	pCi/L	U	713R10
	Niobium-95	-3.3	3.5	6.2	pCi/L	U	713R10
	Potassium-40	-13	83	140	pCi/L	U	713R10
	Protactinium-234m	160	510	870	pCi/L	U	713R10
	Ruthenium-106	-23	27	48	pCi/L	U	713R10
	Scandium-46	0.18	3.7	6.4	pCi/L	U	713R10
	Silver-110m	-1.5	2.9	5.1	pCi/L	U	713R10
	Sodium-22	1	3.4	5.8	pCi/L	U	713R10
	Strontium-85	3.8	4.7	7.6	pCi/L	U	713R10
	Thallium-208	4.6	3	4.7	pCi/L	U	713R10
	Thorium-227	3	13	21	pCi/L	U	713R10
	Thorium-234	-0.37	51	84	pCi/L	U	713R10
	Uranium-235	5.5	10	17	pCi/L	U	713R10
	Zinc-65	-3	6.8	12	pCi/L	U	713R10

TABLE 5: SNL/NM Groundwater Monitoring, 4th Quarter FFY 2008 NMED DOE OB
Results for Gamma Emitting Isotopes and Gross Alpha/Beta

Monitoring Well	Analyte	Result	Uncertainty	MDA	Units	Laboratory Qualifier	Analytical Method
TA1-W-08 24-JUL-08	Actinium-228	0.39	21	35	pCi/L	U	713R10
	Aluminum-26	0.2	3.2	5.4	pCi/L	U	713R10
	Americium-241	4.2	34	56	pCi/L	U	713R10
	Antimony-124	-9.8	3.9	6.7	pCi/L	U	713R10
	Antimony-125	-9.1	11	19	pCi/L	U	713R10
	Beryllium-7	17	27	45	pCi/L	U	713R10
	Bismuth-212	27	36	59	pCi/L	U	713R10
	Bismuth-214	2.7	12	20	pCi/L	U,J	713R10
	Cadmium-109	14	67	110	pCi/L	U	713R10
	Cerium-139	-1.6	1.9	3.3	pCi/L	U	713R10
	Cerium-144	-12	14	23	pCi/L	U	713R10
	Cesium-134	-0.66	3.9	6.6	pCi/L	U	713R10
	Cesium-137	2.5	2.6	4.3	pCi/L	U	713R10
	Chromium-51	-8.3	34	58	pCi/L	U	713R10
	Cobalt-56	-2.5	11	18	pCi/L	U	713R10
	Cobalt-57	0.088	1.8	3	pCi/L	U	713R10
	Cobalt-58	0.48	3.1	5.2	pCi/L	U	713R10
	Cobalt-60	-0.24	2.7	4.7	pCi/L	U	713R10
	Europium-152	-11	13	24	pCi/L	U	713R10
	Europium-154	-1.1	14	24	pCi/L	U	713R10
	Europium-155	-8.7	8.1	14	pCi/L	U	713R10
	Gross Alpha	2.1	1.8	2.7	pCi/L	U,M	724R10
	Gross Beta	8.7	3.8	5.7	pCi/L	M3	724R10
	Iodine-131	1.3	21	36	pCi/L	U	713R10
	Iron-59	2.1	7.4	13	pCi/L	U	713R10
	Lead-212	-2.9	7.9	13	pCi/L	U	713R10
	Lead-214	-2.9	9.2	15	pCi/L	U,J	713R10
	Manganese-54	-2	2.8	4.8	pCi/L	U	713R10
	Niobium-94	-2	2.6	4.6	pCi/L	U	713R10
	Niobium-95	-1.4	3.1	5.3	pCi/L	U	713R10

Monitoring Well	Analyte	Result	Uncertainty	MDA	Units	Laboratory Qualifier	Analytical Method
TA1-W-08 24-JUL-38	Potassium-40	41	63	100	pCi/L	U	713R10
	Protactinium-234m	120	420	720	pCi/L	U	713R10
	Ruthenium-106	-24	24	41	pCi/L	U	713R10
	Scandium-46	-2.8	3.2	5.6	pCi/L	U	713R10
	Silver-110m	-1.1	2.6	4.4	pCi/L	U	713R10
	Sodium-22	0.94	2.6	4.3	pCi/L	U	713R10
	Strontium-85	6.5	4.3	6.6	pCi/L	U	713R10
	Thallium-208	-0.32	6.5	11	pCi/L	U	713R10
	Thorium-227	-13	19	32	pCi/L	U	713R10
	Thorium-234	9.5	77	130	pCi/L	U	713R10
	Uranium-235	17	13	21	pCi/L	U	713R10
	Zinc-65	1.4	5.8	9.8	pCi/L	U	713R10
TA2-SW1-320 4-AUG-08	Actinium-228	8.4	9.1	16	pCi/L	U	713R10
	Aluminum-26	1.5	4	6.8	pCi/L	U	713R10
	Americium-241	-2.9	4.2	7.1	pCi/L	U	713R10
	Antimony-124	2.4	3.5	5.7	pCi/L	U	713R10
	Antimony-125	2.5	5.9	11	pCi/L	U	713R10
	Beryllium-7	15	26	43	pCi/L	U	713R10
	Bismuth-212	15	43	72	pCi/L	U	713R10
	Bismuth-214	4.2	18	30	pCi/L	U,J	713R10
	Cadmium-109	-5.8	59	97	pCi/L	U	713R10
	Cerium-139	0.087	1.6	2.6	pCi/L	U	713R10
	Cerium-144	-7.1	10	17	pCi/L	U	713R10
	Cesium-134	-0.46	2.8	4.8	pCi/L	U	713R10
	Cesium-137	-1.2	3.1	5.4	pCi/L	U,M	713R10
	Chromium-51	-16	27	47	pCi/L	U	713R10
	Cobalt-56	1.9	6	10	pCi/L	U	713R10
	Cobalt-57	0.15	1.2	2.1	pCi/L	U	713R10
	Cobalt-58	-1.1	3.1	5.5	pCi/L	U	713R10
	Cobalt-60	0.83	3.4	5.8	pCi/L	U	713R10
	Europium-152	4.7	16	28	pCi/L	U	713R10
	Europium-154	2.2	17	29	pCi/L	U	713R10
	Europium-155	4	3.5	5.6	pCi/L	U	713R10
	Gross Alpha	2.3	0.63	0.58	pCi/L		724R10
	Gross Beta	3.2	1	1.3	pCi/L		724R10

Monitoring Well	Analyte	Result	Uncertainty	MDA	Units	Laboratory Qualifier	Analytical Method
TA2-SW1-320 4-AUG-31	Iodine-131	2.4	12	20	pCi/L	U	713R10
	Iron-59	6.3	8.4	14	pCi/L	U	713R10
	Lead-212	-2.2	7.4	13	pCi/L	U	713R10
	Lead-214	5.9	11	19	pCi/L	U,J	713R10
	Manganese-54	-1.2	3.1	5.4	pCi/L	U	713R10
	Niobium-94	-2.5	3.1	5.3	pCi/L	U	713R10
	Niobium-95	-0.51	3.3	5.7	pCi/L	U	713R10
	Potassium-40	34	77	130	pCi/L	U	713R10
	Protactinium-234m	94	520	880	pCi/L	U	713R10
	Ruthenium-106	18	26	42	pCi/L	U	713R10
	Scandium-46	-0.75	3.3	5.7	pCi/L	U	713R10
	Silver-110m	1.6	3	4.9	pCi/L	U	713R10
	Sodium-22	-1.2	3.4	5.9	pCi/L	U	713R10
	Strontium-85	4.3	3.8	5.9	pCi/L	U	713R10
	Thallium-208	2.5	2.9	4.8	pCi/L	U	713R10
	Thorium-227	2.6	12	20	pCi/L	U	713R10
	Thorium-234	-8.5	43	72	pCi/L	U	713R10
	Uranium-235	8.5	7.3	12	pCi/L	U	713R10
	Zinc-65	-0.35	7	12	pCi/L	U	713R10
TA2-W-26 5-AUG-08	Actinium-228	23	12	19	pCi/L	TI	713R10
	Aluminum-26	2.6	4	6.6	pCi/L	U	713R10
	Americium-241	-1.1	4.3	7.1	pCi/L	U	713R10
	Antimony-124	0.93	3.6	6	pCi/L	U	713R10
	Antimony-125	2.6	5.9	11	pCi/L	U	713R10
	Beryllium-7	13	26	44	pCi/L	U	713R10
	Bismuth-212	-12	43	74	pCi/L	U	713R10
	Bismuth-214	13	13	28	pCi/L	U,J	713R10
	Cadmium-109	-0.095	59	97	pCi/L	U	713R10
	Cerium-139	1.3	1.6	2.6	pCi/L	U	713R10
	Cerium-144	0.76	10	17	pCi/L	U	713R10
	Cesium-134	-2.3	3	5.1	pCi/L	U	713R10

Monitoring Well	Analyte	Result	Uncertainty	MDA	Units	Laboratory Qualifier	Analytical Method
TA2-W-26 5-AUG-20	Cesium-137	0.047	3.2	5.4	pCi/L	U,M	713R10
	Chromium-51	-5.4	27	46	pCi/L	U	713R10
	Cobalt-56	4.4	6.1	10	pCi/L	U	713R10
	Cobalt-57	-0.88	1.3	2.2	pCi/L	U	713R10
	Cobalt-58	-1	3	5.3	pCi/L	U	713R10
	Cobalt-60	0.52	3.5	6	pCi/L	U	713R10
	Europium-152	-8.3	16	28	pCi/L	U	713R10
	Europium-154	-1.8	17	29	pCi/L	U	713R10
	Europium-155	3.1	4.6	7.6	pCi/L	U	713R10
	Gross Alpha	1.8	1	1.4	pCi/L		724R10
	Gross Beta	1.8	1.6	2.5	pCi/L	U,M	724R10
	Iodine-131	-3.7	13	22	pCi/L	U	713R10
	Iron-59	0.41	8.4	14	pCi/L	U	713R10
	Lead-212	0.27	7.6	13	pCi/L	U	713R10
	Lead-214	5.8	11	18	pCi/L	U,J	713R10
	Manganese-54	0.97	3	5	pCi/L	U	713R10
	Niobium-94	-2.4	3.1	5.4	pCi/L	U	713R10
	Niobium-95	0.29	3.2	5.5	pCi/L	U	713R10
	Potassium-40	20	73	120	pCi/L	U	713R10
	Protactinium-234m	120	490	830	pCi/L	U	713R10
	Ruthenium-106	13	26	43	pCi/L	U	713R10
	Scandium-46	0.75	3.4	5.7	pCi/L	U	713R10
	Silver-110m	-0.62	3	5.1	pCi/L	U	713R10
	Sodium-22	-0.81	3.4	5.9	pCi/L	U	713R10
	Strontium-85	4.7	3.9	6.1	pCi/L	U	713R10
	Thallium-208	3.7	3.1	4.9	pCi/L	U	713R10
	Thorium-227	0.35	12	20	pCi/L	U	713R10
	Thorium-234	-9.2	44	74	pCi/L	U	713R10
	Uranium-235	6.7	10	17	pCi/L	U	713R10
	Zinc-65	-0.97	6.8	12	pCi/L	U	713R10

Monitoring Well	Analyte	Result	Uncertainty	MDA	Units	Laboratory Qualifier	Analytical Method
TAV-MW6 9-SEP-08	Actinium-228	8.1	9.7	16	pCi/L	U	713R10
	Aluminum-26	0.13	3.1	5.2	pCi/L	U	713R10
	Americium-241	-15	24	41	pCi/L	U	713R10
	Antimony-124	7.9	3.2	4.7	pCi/L	TI	713R10
	Antimony-125	-2.3	5.8	10	pCi/L	U	713R10
	Beryllium-7	-36	25	43	pCi/L	U	713R10
	Bismuth-212	15	36	60	pCi/L	U	713R10
	Bismuth-214	6	8.3	19	pCi/L	U,J	713R10
	Cadmium-109	-20	89	150	pCi/L	U	713R10
	Cerium-139	-0.19	1.9	3.3	pCi/L	U	713R10
	Cerium-144	1.5	12	21	pCi/L	U	713R10
	Cesium-134	-2	2.5	4.4	pCi/L	U	713R10
	Cesium-137	0.57	2.4	4	pCi/L	U	713R10
	Chromium-51	-4.1	28	48	pCi/L	U	713R10
	Cobalt-56	4.6	5	8.1	pCi/L	U	713R10
	Cobalt-57	-0.16	1.5	2.5	pCi/L	U	713R10
	Cobalt-58	-0.68	2.7	4.6	pCi/L	U	713R10
	Cobalt-60	1.6	2.8	4.7	pCi/L	U	713R10
	Europium-152	-5.9	14	24	pCi/L	U	713R10
	Europium-154	5.3	14	24	pCi/L	U	713R10
	Europium-155	1.1	6.9	12	pCi/L	U	713R10
	Gross Alpha	3.6	0.92	0.84	pCi/L		724R10
	Gross Beta	3.8	1.1	1.4	pCi/L		724R10
	Iodine-131	-11	15	26	pCi/L	U	713R10
	Iron-59	11	6.9	11	pCi/L	TI	713R10
	Lead-212	5.1	7.1	12	pCi/L	U	713R10
	Lead-214	-2.5	9	15	pCi/L	U,J	713R10
	Manganese-54	-0.77	2.3	4	pCi/L	U	713R10
	Niobium-94	0.47	2.7	4.5	pCi/L	U	713R10
	Niobium-95	1.2	2.8	4.6	pCi/L	U	713R10
	Potassium-40	41	65	110	pCi/L	U	713R10

Monitoring Well	Analyte	Result	Uncertainty	MDA	Units	Laboratory Qualifier	Analytical Method
TAV-MW6 9-SEP-08	Protactinium-234m	250	440	730	pCi/L	U	713R10
	Ruthenium-106	4.9	22	38	pCi/L	U	713R10
	Scandium-46	2.2	2.9	4.8	pCi/L	U	713R10
	Silver-110m	-1.5	2.3	4	pCi/L	U	713R10
	Sodium-22	-0.74	2.8	4.8	pCi/L	U	713R10
	Strontium-85	1.6	4.1	6.8	pCi/L	U	713R10
	Thallium-208	0.77	4.5	7.5	pCi/L	U	713R10
	Thorium-227	6.1	17	29	pCi/L	U	713R10
	Thorium-234	13	91	150	pCi/L	U	713R10
	Uranium-235	9.5	7	11	pCi/L	U	713R10
	Zinc-65	4.7	5.5	9	pCi/L	U	713R10
TJA-2 7-AUG-08	Actinium-228	7.9	12	20	pCi/L	U	713R10
	Aluminum-26	-1.4	4.2	7.4	pCi/L	U	713R10
	Americium-241	-1.4	4.3	7.2	pCi/L	U	713R10
	Antimony-124	-1.8	3.4	5.8	pCi/L	U	713R10
	Antimony-125	-0.3	6.2	11	pCi/L	U	713R10
	Beryllium-7	-22	27	46	pCi/L	U	713R10
	Bismuth-212	38	42	69	pCi/L	U	713R10
	Bismuth-214	9.7	18	30	pCi/L	U,J	713R10
	Cadmium-109	48	48	77	pCi/L	U	713R10
	Cerium-139	-0.13	1.5	2.6	pCi/L	U	713R10
	Cerium-144	2.9	9.9	16	pCi/L	U	713R10
	Cesium-134	-0.46	2.8	4.8	pCi/L	U	713R10
	Cesium-137	-1.1	3.2	5.5	pCi/L	U,M	713R10
	Chromium-51	-8.8	26	45	pCi/L	U	713R10
	Cobalt-56	0.51	6.4	11	pCi/L	U	713R10
	Cobalt-57	-1	1.3	2.2	pCi/L	U	713R10
	Cobalt-58	-0.94	3.2	5.5	pCi/L	U	713R10
	Cobalt-60	-2.4	3.6	6.4	pCi/L	U	713R10
	Europium-152	-4.7	17	30	pCi/L	U	713R10
	Europium-154	-7.5	17	29	pCi/L	U	713R10

Monitoring Well	Analyte	Result	Uncertainty	MDA	Units	Laboratory Qualifier	Analytical Method
TJA-2 7-AUG-13	Europium-155	-3.7	4.7	8.1	pCi/L	U	713R10
	Gross Alpha	1.5	0.5	0.54	pCi/L	LT	724R10
	Gross Beta	3.6	1.2	1.6	pCi/L	M3	724R10
	Iodine-131	-1.3	12	20	pCi/L	U	713R10
	Iron-59	12	8.5	13	pCi/L	U	713R10
	Lead-212	-0.12	7.9	13	pCi/L	U	713R10
	Lead-214	7.3	11	18	pCi/L	U,J	713R10
	Manganese-54	0.83	3.1	5.2	pCi/L	U	713R10
	Niobium-94	2.6	3.2	5.2	pCi/L	U	713R10
	Niobium-95	2.3	3.2	5.2	pCi/L	U	713R10
	Potassium-40	-16	74	130	pCi/L	U	713R10
	Protactinium-234m	390	520	850	pCi/L	U	713R10
	Ruthenium-106	-5.3	26	45	pCi/L	U	713R10
	Scandium-46	-2.1	3.4	5.9	pCi/L	U	713R10
	Silver-110m	-0.03	3	5.1	pCi/L	U	713R10
	Sodium-22	-3.1	3.6	6.4	pCi/L	U	713R10
	Strontium-85	4.2	4.2	6.6	pCi/L	U	713R10
	Thallium-208	7.1	3.1	4.6	pCi/L	TI	713R10
	Thorium-227	4.2	12	21	pCi/L	U	713R10
	Thorium-234	3.4	45	75	pCi/L	U	713R10
	Uranium-235	11	9.4	17	pCi/L	U	713R10
	Zinc-65	5.8	7.1	12	pCi/L	U	713R10
TJA-4 14-AUG-08	Actinium-228	9.5	11	24	pCi/L	U	713R10
	Aluminum-26	-0.53	3.4	5.8	pCi/L	U	713R10
	Americium-241	5	25	42	pCi/L	U	713R10
	Antimony-124	-1.2	3.5	5.9	pCi/L	U	713R10
	Antimony-125	4.9	5.7	10	pCi/L	U	713R10
	Beryllium-7	-3.9	24	41	pCi/L	U	713R10
	Bismuth-212	-17	36	63	pCi/L	U	713R10
	Bismuth-214	4.5	12	20	pCi/L	U,J	713R10
	Cadmium-109	-36	85	140	pCi/L	U	713R10
	Cerium-139	2.3	1.8	2.9	pCi/L	U	713R10
	Cerium-144	4.8	11	18	pCi/L	U	713R10
	Cesium-134	-1.8	2.7	4.7	pCi/L	U	713R10

Monitoring Well	Analyte	Result	Uncertainty	MDA	Units	Laboratory Qualifier	Analytical Method
TJA-4 14-AUG-12	Cesium-137	-0.082	2.5	4.2	pCi/L	U	713R10
	Chromium-51	-27	33	56	pCi/L	U	713R10
	Cobalt-56	2	5.4	9	pCi/L	U	713R10
	Cobalt-57	-0.72	2.3	3.8	pCi/L	U	713R10
	Cobalt-58	0.29	3.1	5.3	pCi/L	U	713R10
	Cobalt-60	1.4	3.1	5.3	pCi/L	U	713R10
	Europium-152	-9.1	15	26	pCi/L	U	713R10
	Europium-154	-1.7	14	24	pCi/L	U	713R10
	Europium-155	3.1	6.2	10	pCi/L	U	713R10
	Gross Alpha	2.5	0.67	0.61	pCi/L		724R10
	Gross Beta	4.4	1.2	1.5	pCi/L		724R10
	Iodine-131	15	16	26	pCi/L	U	713R10
	Iron-59	5.4	7.3	12	pCi/L	U	713R10
	Lead-212	2.7	7.2	12	pCi/L	U	713R10
	Lead-214	-5.3	11	19	pCi/L	U,J	713R10
	Manganese-54	-0.44	2.8	4.8	pCi/L	U	713R10
	Niobium-94	-1.1	2.6	4.5	pCi/L	U	713R10
	Niobium-95	0.44	3	5.1	pCi/L	U	713R10
	Potassium-40	44	69	110	pCi/L	U	713R10
	Protactinium-234m	180	430	720	pCi/L	U	713R10
	Ruthenium-106	6.7	23	39	pCi/L	U	713R10
	Scandium-46	-0.33	2.9	5	pCi/L	U	713R10
	Silver-110m	1.2	2.4	4.1	pCi/L	U	713R10
	Sodium-22	-0.47	2.9	5	pCi/L	U	713R10
	Strontium-85	0.4	4	6.6	pCi/L	U	713R10
	Thallium-208	1.3	5.5	9.2	pCi/L	U	713R10
	Thorium-227	-0.8	16	27	pCi/L	U	713R10
	Thorium-234	37	78	130	pCi/L	U	713R10
	Uranium-235	13	11	17	pCi/L	U	713R10
	Zinc-65	1.1	6	10	pCi/L	U	713R10

Monitoring Well	Analyte	Result	Uncertainty	MDA	Units	Laboratory Qualifier	Analytical Method
TJA-6-31-JUL-08	Actinium-228	12	6.8	17	pCi/L	U	713R10
	Aluminum-26	3.2	3	4.8	pCi/L	U	713R10
	Americium-241	-14	23	38	pCi/L	U	713R10
	Antimony-124	1.4	3.4	5.7	pCi/L	U	713R10
	Antimony-125	4.8	6.6	12	pCi/L	U	713R10
	Beryllium-7	-6.8	26	45	pCi/L	U	713R10
	Bismuth-212	37	36	58	pCi/L	U	713R10
	Bismuth-214	12	12	20	pCi/L	U,J	713R10
	Cadmium-109	-29	68	110	pCi/L	U	713R10
	Cerium-139	0.064	1.9	3.2	pCi/L	U	713R10
	Cerium-144	6.9	13	22	pCi/L	U	713R10
	Cesium-134	-1.5	2.7	4.6	pCi/L	U	713R10
	Cesium-137	-0.054	2.7	4.6	pCi/L	U	713R10
	Chromium-51	-6.9	31	53	pCi/L	U	713R10
	Cobalt-56	5.4	5	8.1	pCi/L	U	713R10
	Cobalt-57	-1.5	1.9	3.1	pCi/L	U	713R10
	Cobalt-58	-0.61	2.9	5	pCi/L	U	713R10
	Cobalt-60	-0.16	2.9	5	pCi/L	U	713R10
	Europium-152	-1.8	13	22	pCi/L	U	713R10
	Europium-154	-8.3	14	24	pCi/L	U	713R10
	Europium-155	-5.7	8.1	14	pCi/L	U	713R10
	Gross Alpha	2.2	0.63	0.63	pCi/L		724R10
	Gross Beta	3.8	0.91	1	pCi/L		724R10
	Iodine-131	6.6	17	29	pCi/L	U	713R10
	Iron-59	9	6.8	11	pCi/L	U	713R10
	Lead-212	-5.6	7.9	13	pCi/L	U	713R10
	Lead-214	3.4	10	17	pCi/L	U,J	713R10
	Manganese-54	0.31	2.8	4.7	pCi/L	U	713R10
	Niobium-94	-0.68	2.7	4.6	pCi/L	U	713R10

Monitoring Well	Analyte	Result	Uncertainty	MDA	Units	Laboratory Qualifier	Analytical Method
TJA-6-31-JUL-32	Niobium-95	-2.2	2.9	5.1	pCi/L	U	713R10
	Potassium-40	3.8	64	110	pCi/L	U	713R10
	Protactinium-234m	290	420	690	pCi/L	U	713R10
	Ruthenium-106	-19	23	41	pCi/L	U	713R10
	Scandium-46	-0.87	2.9	5.1	pCi/L	U	713R10
	Silver-110m	0.15	2.6	4.4	pCi/L	U	713R10
	Sodium-22	-2.5	2.7	4.9	pCi/L	U	713R10
	Strontium-85	4.6	4.4	6.9	pCi/L	U	713R10
	Thallium-208	1.6	5.2	8.9	pCi/L	U	713R10
	Thorium-227	-13	19	33	pCi/L	U	713R10
	Thorium-234	17	80	130	pCi/L	U	713R10
	Uranium-235	11	13	21	pCi/L	U	713R10
	Zinc-65	-1.3	5.8	10	pCi/L	U	713R10
WYO-3 28-JUL-08	Actinium-228	22	12	18	pCi/L	TI	713R10
	Aluminum-26	-0.37	3.8	6.6	pCi/L	U	713R10
	Americium-241	13	14	22	pCi/L	U	713R10
	Antimony-124	1.1	3.7	6.2	pCi/L	U	713R10
	Antimony-125	-1.1	6.7	13	pCi/L	U	713R10
	Beryllium-7	14	25	42	pCi/L	U	713R10
	Bismuth-212	39	43	70	pCi/L	U	713R10
	Bismuth-214	2.6	14	23	pCi/L	U,J	713R10
	Cadmium-109	88	61	97	pCi/L	U	713R10
	Cerium-139	-0.79	1.7	3	pCi/L	U	713R10
	Cerium-144	4.5	11	19	pCi/L	U	713R10
	Cesium-134	-2.3	2.9	5	pCi/L	U	713R10
	Cesium-137	-1.6	2.8	4.9	pCi/L	U	713R10
	Chromium-51	-20	32	54	pCi/L	U	713R10
	Cobalt-56	1.4	5.4	9.2	pCi/L	U	713R10
	Cobalt-57	0.64	2.4	4	pCi/L	U	713R10
	Cobalt-58	-1.5	3.4	6	pCi/L	U	713R10
	Cobalt-60	-0.51	3.1	5.4	pCi/L	U	713R10

Monitoring Well	Analyte	Result	Uncertainty	MDA	Units	Laboratory Qualifier	Analytical Method
WYO-3 28-JUL-26	Europium-152	11	15	24	pCi/L	U	713R10
	Europium-154	-32	17	31	pCi/L	U	713R10
	Europium-155	-3.9	6.4	11	pCi/L	U	713R10
	Gross Alpha	1.4	0.5	0.62	pCi/L	LT	724R10
	Gross Beta	3	0.79	0.96	pCi/L		724R10
	Iodine-131	-7	20	34	pCi/L	U	713R10
	Iron-59	3.5	8.2	14	pCi/L	U	713R10
	Lead-212	0.0043	8.2	14	pCi/L	U	713R10
	Lead-214	-0.38	12	20	pCi/L	U,J	713R10
	Manganese-54	0.45	2.9	4.9	pCi/L	U	713R10
	Niobium-94	-2	3.2	5.6	pCi/L	U	713R10
	Niobium-95	1.2	3.5	5.8	pCi/L	U	713R10
	Potassium-40	40	78	130	pCi/L	U	713R10
	Protactinium-234m	130	840	1400	pCi/L	U	713R10
	Ruthenium-106	7.9	26	44	pCi/L	U	713R10
	Scandium-46	1.1	3.3	5.6	pCi/L	U	713R10
	Silver-110m	2.5	2.7	4.4	pCi/L	U	713R10
	Sodium-22	-0.89	3.1	5.5	pCi/L	U	713R10
	Strontium-85	5.6	4.4	6.9	pCi/L	U	713R10
	Thallium-208	0.8	6.5	11	pCi/L	U	713R10
	Thorium-227	-7.2	12	21	pCi/L	U	713R10
	Thorium-234	24	81	130	pCi/L	U	713R10
	Uranium-235	16	10	18	pCi/L	U	713R10
	Zinc-65	-1.3	6.6	12	pCi/L	U	713R10

J = Activity is an estimated value.
LT = Result is less than requested MDA but greater than sample specific MDA.
M = The requested MDA not met.
M3 = The requested MDA was not met, but the reported activity is greater than the reported MDA.
TI = Nuclide identification is tentative.
U = Result is less than the sample specific MDA.

TABLE 6: SNL/NM Groundwater Monitoring, 4th Quarter FFY 2008 NMED DOE OB
Detected Volatile Organic Compounds

Monitoring Well	Analyte	Result	MDL	NM MAC	EPA MCL	Units	Laboratory Qualifier	Analytical Method
LWDS-MW1 8-SEP-08	Dichloroethene[cis-1,2-]	2.8	0.17	NE	NE	µg/L		SW8260_25
	Trichloroethylene	**13**	0.17	100	5	µg/L		SW8260_25
MWL-MW8 14-JUL-08	Chloromethane	0.18	0.17	NE	NE	µg/L	J	SW8260_25
MWL-MW9 15-JUL-08	Toluene	0.35	0.17	750	1000	µg/L	J	SW8260_25
PGS-2 9-JUL-08	Carbon Disulfide	5.4	0.17	NE	NE	µg/L		SW8260_25
	Toluene	0.18	0.17	750	1000	µg/L	J	SW8260_25
TA1-W-03 11-JUL-08	Chloroform	0.48	0.17	100	NE	µg/L	J	SW8260_25
TA1-W-05 22-JUL-08	Carbon Disulfide	7.3	0.17	NE	NE	µg/L		SW8260_25
TA1-W-06 23-JUL-08	Carbon Disulfide	2.4	0.17	NE	NE	µg/L		SW8260_25
	Chloroform	0.2	0.17	100	NE	µg/L	J	SW8260_25
	Dichloroethylene[1,1-]	0.71	0.17	5	7	µg/L	J	SW8260_25
	Trichloroethylene	0.22	0.17	100	5	µg/L	J	SW8260_25
TA2-SW1-320 4-AUG-08	Carbon Disulfide	0.2	0.17	NE	NE	µg/L	J	SW8260_25
TA2-W-19 13-AUG-08	Dichloroethane[1,1-]	0.61	0.17	NE	NE	µg/L	J	SW8260_25
	Dichloroethene[cis-1,2-]	0.75	0.17	NE	NE	µg/L	J	SW8260_25
	Trichloroethylene	**5.8**	0.17	100	5	µg/L		SW8260_25
TA2-W-26 5-AUG-08	Chloroform	0.26	0.17	100	NE	µg/L	J	SW8260_25
	Dichloroethylene[1,1-]	0.28	0.17	5	7	µg/L	J	SW8260_25
	Tetrachloroethylene	0.74	0.17	NE	5	µg/L	J	SW8260_25
	Trichloroethylene	1.1	0.17	100	5	µg/L		SW8260_25
TAV-MW6 9-SEP-08	Carbon Disulfide	5	0.17	NE	NE	µg/L		SW8260_25
	Dichloroethene[cis-1,2-]	2	0.17	NE	NE	µg/L		SW8260_25
	Trichloroethylene	**12**	0.17	100	5	µg/L		SW8260_25
TJA-2 7-AUG-08	Carbon Disulfide	0.6	0.17	NE	NE	µg/L	J	SW8260_25
	Dichloroethane[1,1-]	0.52	0.17	NE	NE	µg/L	J	SW8260_25
	Dichloroethene[cis-1,2-]	0.58	0.17	NE	NE	µg/L	J	SW8260_25
	Trichloroethylene	3.1	0.17	100	5	µg/L		SW8260_25

TABLE 6: SNL/NM Groundwater Monitoring, 4th Quarter FFY 2008 NMED DOE OB
Detected Volatile Organic Compounds

Monitoring Well	Analyte	Result	MDL	NM MAC	EPA MCL	Units	Laboratory Qualifier	Analytical Method
TJA-6-31-JUL-08	Carbon Disulfide	1.6	0.17	NE	NE	µg/L		SW8260_25
WYO-3 28-JUL-08	Toluene	0.25	0.17	750	1000	µg/L	J	SW8260_25
WYO-4 11-AUG-08	Dichloroethane[1,1-]	0.95	0.17	NE	NE	µg/L	J	SW8260_25
	Dichloroethene[cis-1,2-]	1.9	0.17	NE	NE	µg/L		SW8260_25
	Trichloroethylene	**8.1**	0.17	100	5	µg/L		SW8260_25

Values in bold exceed the established MAC and/or MCL.
J = Result is an estimated value.
NE = Not established