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Sarah Bragg-Flavan
Remediation Project Manager

Upstream Business Unit
Chevron Environmental Management Company
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Tel 713 372 1055
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October 12, 2010

Environmental Bureau Chief
Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, NM 87505

Subject: **Annual Report**

Dear Madam/Sir:

Please find enclosed one hardcopy and one electronic copy of the following reports:

2009 Annual Groundwater Monitoring Report
Former New Mexico State "F" Tank Battery, Lea County, NM
Case No. 1R-258
OGRID No. 4323

Should you have any questions or concerns, please do not hesitate contact me at (713) 372-1055.

Respectfully,

Sarah Bragg-Flavan

Enclosures

2009 ANNUAL GROUNDWATER MONITORING REPORT

FORMER NEW MEXICO STATE "F" TANK BATTERY
CASE NO. 1R258
OGRID NO. 4323
NE/4, SE/4, SECTION 24, T-19-S, R-36-E
LATITUDE: N 32° 38' 34.9" LONGITUDE: W 103° 18' 0.49"
LEA COUNTY, NEW MEXICO

Prepared For:
Ms. Sarah Bragg-Flavan
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
Upstream Business Unit
1400 Smith Street, Room 40037
Houston , Texas 77002

Prepared by:
Conestoga-Rovers & Associates

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Midland, Texas 79703
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OCTOBER 2, 2010
REF. NO. 039122 (6)

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1.0 INTRODUCTION

This Annual Groundwater Monitoring Report presents groundwater data collected during the 2009 reporting period by Conestoga-Rovers & Associates (CRA) on behalf of Chevron Environmental Management Company (CEMC) at the former New Mexico State "F" Tank Battery (hereafter referred to as the "Site"). Groundwater gauging and sampling events were performed in March, June, September and November 2009.

The Site is located on Lea County Road 41 (Maddox Road), approximately 3.1 miles northwest of Monument, New Mexico and situated in the northeast quarter (NE/4) of the southeast quarter (SE/4), Section 24, Township 19 South, Range 36 East, Lea County, New Mexico. Site Location and Site Details maps are illustrated on FIGURES 1 and 2, respectively. Historically, Texaco Exploration and Production, Inc. (Texaco) operated the Site as an oil field tank battery. An earthen emergency reserve pit was located approximately 175 feet north of the tank battery. The tank battery and reserve pit are visible in aerial photographs dated February 1949, July 1983, and June 1986. Sometime after 1986, the tank battery and associated equipment were removed from the Site. The former reserve pit was subsequently unearthed during construction of a production facility immediately south of the pit by the Amerada-Hess Corporation.

The former pit was excavated and approximately 7,400 cubic yards of soil and caliche rock were stockpiled adjacent to the excavated pit. In 1998, Highlander Environmental Corporation (Highlander) performed a subsurface assessment at the Site. The assessment activities included collection of soil samples from the sidewalls and bottom of the excavation and from the stockpiled soil generated during excavation activities. Chemical analyses of the soil samples confirmed that concentrations of all constituents of concern were below the New Mexico Oil Conservation Division (NMOCD) recommended remediation action levels for the Site. The soil sampling activities and laboratory analyses are documented in the *Subsurface Investigation Report, New Mexico "F" State Tank Battery, Lea County, New Mexico* (Highlander, September 1998). The *Annual Groundwater Monitoring Report, New Mexico "F" State Tank Battery, Lea County, New Mexico* (Larson and Associates, Inc., 2005) indicates that the pit was closed between September 1998 and November 2003 according to closure requirements stipulated by the NMOCD in correspondence dated January 20, 1999. The bottom of the excavated pit was lined with two feet of compacted clay, the stockpiled soil was returned to the excavation and the backfilled excavation was contoured to natural grade.

In addition to the soil assessment activities, nine monitor wells (MW-1 through MW-9) were installed at the Site between 1998 and 1999. Light non-aqueous phase liquid (LNAPL) was observed in wells MW-1 and MW-2. In November 1999, monitor wells (MW-1, MW-2 and MW-9) were plugged and abandoned and replaced with recovery wells (RW-1, RW-2 and RW-3). On February 17, 2003, New Mexico Office of the State Engineer (NMOSE) approved applications (File No. L-11029, L-11030 and L-11031) submitted by Texaco to divert underground water for remediation of LNAPL. The remediation system was installed from October 2004 through February 2005 and was activated on February 14, 2005. Excluding brief periods for routine maintenance, the groundwater recovery/gradient control system operated from February 14, 2005 to

November 20, 2006. In November 2006, LNAPL recovery methods were re-evaluated and the total fluids groundwater recovery/gradient control system was shut down. An LNAPL skimmer pump system was installed in RW-1 and absorbent socks were installed in RW-2 and RW-3 on November 28, 2006. This system is currently in operation at the Site. Semi-annual groundwater monitoring and weekly operation and maintenance (O&M) activities have been performed by CRA since 2005 along with annual reporting to the NMOCD for this Site. In addition, quarterly gauging and groundwater monitoring activities were performed in 2009 at the Site.

2.0 REGULATORY FRAMEWORK

The NMOCD guidelines require groundwater to be analyzed for potential contaminants as defined by the New Mexico Water Quality Control Commission (NMWQCC) regulations. In addition, the NMWQCC regulations provide the Human Health Standards for Groundwater. The constituent of concern in affected groundwater at the Site is LNAPL in the form of crude oil. In this report, groundwater analytical results for benzene, toluene, ethylbenzene, total xylenes (BTEX) and chloride are compared to the NMWQCC standards as shown in the following table:

Analyte	NMWQCC Standard for Groundwater (mg/L)
Benzene[1]	0.01
Toluene[1]	0.75
Ethylbenzene[1]	0.75
Total xylenes[1]	0.62
Chloride[2]	250

Notes:
1) [1]NMWQCC Human Health Standards per NMAC 20.6.2.3103A
2) [2]NMWQCC Other Standards for Domestic Water Supply per NMAC 20.6.2.3103B

3.0 GROUNDWATER SAMPLING AND ANALYSIS

The Site is monitored with a network of six monitor wells (MW-3, MW-4, MW-5, MW-6, MW-7 and MW-8), two offsite water wells (WW-1 and WW-2) and three recovery wells (RW-1, RW-2 and RW-3). Four quarterly monitoring and sampling events were performed during the 2009 calendar year. The first (March) and third (September) quarter 2009 events included the collection of static fluid levels and LNAPL thicknesses (if present) in the six monitor wells and the three recovery wells and the collection of a groundwater sample from a single monitor well (MW-6). The second (June) and fourth (November) quarter 2009 events included the collection of static fluid levels and LNAPL thicknesses (if present) in the six monitor wells and the three recovery wells and the collection of groundwater samples from all six monitor wells and the two offsite water wells. Static fluid levels were not collected from the two offsite water wells (WW-1 and WW-2) during the 2009 calendar year.

The first and third quarter monitoring and sampling activities were performed on March 5, 2009 and September 9, 2009. The second and fourth quarter monitoring and sampling activities were performed on June 15-17, 2009 and November 19-20, 2009. Prior to purging, static fluid levels and LNAPL thicknesses were measured from top of casing (TOC) with an electric interface probe to the nearest hundredth of a foot and recorded. Purging was considered complete when three well volumes had been removed or the wells were purged dry. Geochemical field parameters including pH, temperature and conductivity were collected during the purging/sampling process. All non-disposable groundwater sampling equipment was decontaminated with a soap (Liquinox®) and potable water wash, a potable water rinse and a final deionized water rinse to minimize potential cross-contamination between each monitor well. Subsequent to the purging process, groundwater samples were collected using clean, disposable PVC bailers. Laboratory-supplied sample containers were then filled directly from the disposable PVC bailers.

Wells that contained measurable (>0.01 foot) LNAPL were not purged or sampled during the March, September and November 2009 sampling events. During the June 2009 sampling event, all wells were purged and sampled, including wells that contained measurable LNAPL (>0.01 foot). In June 2009, recovery well RW-1 was sampled by dropping a disposable PVC bailer below 2.37-feet of LNAPL. The groundwater samples were placed on ice in an insulated cooler and chilled to a temperature of approximately 4°C (40°F). The coolers were sealed for shipment and proper chain-of-custody documentation accompanied the samples to the laboratory (TestAmerica Laboratories, Inc. located in Houston, Texas) for analyses of BTEX by EPA Method 8021B and chlorides by EPA-approved methods. The fluids recovered and generated during the sampling events were containerized onsite in labeled drums and subsequently managed at an NMOCD-permitted salt water disposal (SWD) facility by Nabors Well Services LTD. (Nabors).

3.1 POTENTIOMETRIC SURFACE ELEVATION AND GRADIENT

Groundwater elevation data are presented in TABLE I. Groundwater gradient maps for each quarterly event (March, June, September and November 2009) are presented on FIGURES 3, 4, 5 and 6 respectively. Depth to groundwater ranged from 50.49 feet to 65.88 feet below TOC on March 5, 2009, from 50.35 feet to 65.38 feet below TOC on June 15, 2009, from 50.52 feet to 65.57 feet below TOC on September 9, 2009 and from 50.50 feet to 65.70 feet below TOC on November 19, 2009. Groundwater elevations at the Site appear to be consistent with historical levels with groundwater flow to the southeast. The maximum gradient observed during the 2009 calendar year was 0.003 feet/foot.

LNAPL was not detected in the monitor wells during the 2009 monitoring period. Historically, three onsite recovery wells have contained measurable amounts of LNAPL. LNAPL was present in recovery well (RW-1) with a thickness of 2.32 feet in March 2009, 2.37 feet in June 2009, 2.27 feet in September 2009 and 0.33 feet in November 2009. Recovery well (RW-2) had 0.04 feet of LNAPL present during the November event and was not sampled. Water well (WW-2) was not sampled during the November 2009 event due to the pump not working. LNAPL thickness maps for March, June, September and November 2009 are presented as FIGURES 7, 8, 9 and 10 respectively.

3.2 ANALYTICAL RESULTS

Analytical results are summarized in TABLE II. Groundwater BTEX and chloride concentration maps for March, June, September and November 2009 are presented as FIGURES 11, 12, 13 and 14 respectively. BTEX and chloride concentrations were below the NMWQCC standards in all samples collected from the monitor wells and offsite water wells (WW-1 and WW-2) during the 2009 monitoring period except for recovery well (RW-1). In June 2009, recovery well (RW-1) exhibited a benzene concentration of 0.012 mg/L.

Overall precision for both the sample collection and laboratory procedures were monitored using the results of the field duplicate samples. The relative percent differences (RPDs) between the results for the duplicate samples must be less than 30 percent for groundwater based on TCEQ "Review and Reporting of COC Concentration Data," RG-366/TRRP-13. One duplicate sample was collected during each event, and the results are summarized on TABLE III. All duplicate RPDs were within the 30 percent criterion. Copies of the certified analytical reports and chain-of-custody documentation are attached in APPENDIX A.

4.0 CORRECTIVE ACTION

Excluding brief periods for routine maintenance, the Xitech® LNAPL skimmer pump system installed in RW-1 operated continuously from January to December 2009. The best course of action for the two other recovery wells (RW-2 and RW-3) was determined to be absorbent socks based on trace amounts of LNAPL observed in both wells.

Operation and maintenance (O&M) activities were performed on a weekly basis. Approximately 235 gallons of LNAPL were recovered in 2009 from RW-1. Additionally, approximately 790 gallons of LNAPL have been recovered since November 28, 2006 when the skimmer system was installed in recovery well (RW-1).

5.0 PLANNED ACTIVITIES

The Xitech® skimmer pump system will continue to be utilized for LNAPL recovery at the Site in 2010. The recovered product will be pumped into the 225-gallon tank which is situated inside a secondary containment structure.

Semi-annual groundwater sampling events are scheduled to be performed during June and November 2010. Groundwater samples will be collected from all wells that do not contain measurable LNAPL and from the two offsite water wells (WW-1 and WW-2) during the semi-annual groundwater sampling events. Wells that contain measurable LNAPL will be sampled during the June 2010 sampling event. In addition, quarterly gauging and monitor well (MW-6) sampling activities will be performed to monitor the groundwater gradient and the potential for offsite plume migration. Weekly O&M activities will also be performed to monitor the performance of the LNAPL recovery system and to periodically replace the absorbent socks in the other two recovery wells (RW-2 and RW-3) as necessary.

6.0 SUMMARY OF FINDINGS

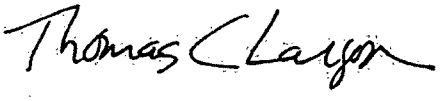
Based on groundwater monitoring activities performed at the Site, CRA presents the following summary:

- The Site is monitored quarterly with a network of six monitor wells (MW-3, MW-4, MW-5, MW-6, MW-7 and MW-8), three recovery wells (RW-1, RW-2 and RW-3) and two offsite water wells (WW-1 and WW-2). Depth to groundwater ranged from 50.49 feet to 65.88 feet below TOC on March 5, 2009, from 50.35 feet to 65.38 feet below TOC on June 15, 2009, from 50.52 feet to 65.57 feet below TOC on September 9, 2009 and from 50.50 feet to 65.70 feet below TOC on November 19, 2009. Groundwater flow at the Site is to the southeast and the maximum gradient observed in 2009 was 0.003 feet/foot.
- LNAPL was not detected in the monitor wells during the 2009 monitoring period. LNAPL was present in recovery well (RW-1) with a thickness of 2.32 feet in March 2009, 2.37 feet in June 2009, 2.27 feet in September 2009 and 0.33 feet in November 2009. Recovery well (RW-2) had 0.04 feet of LNAPL present during the November event and was not sampled.
- BTEX and chloride concentrations were below the NMWQCC standards in all samples collected from the monitor wells and offsite water wells (WW-1 and WW-2) during the 2009 monitoring period. However, recovery well (RW-1) exhibited a benzene concentration above NMWQCC standards during the June 2009 sampling event. In June 2009, recovery well RW-1 was sampled by dropping a disposable PVC bailer below 2.37-feet of LNAPL.
- The Xitech® LNAPL skimmer pump system in recovery well (RW-1) operated continuously from January to December 2009. Approximately 235 gallons of LNAPL were recovered in 2009 from recovery well (RW-1). Additionally, approximately 790 gallons of LNAPL have been recovered since November 28, 2006 when the skimmer system was installed in recovery well (RW-1).
- The semi-annual groundwater sampling events are scheduled to be performed during June and November 2010. Groundwater samples will be collected from all wells that do not contain measurable LNAPL and from the two offsite water wells (WW-1 and WW-2) during the semi-annual sampling events. The wells that contain measurable LNAPL will be sampled during the June 2010 sampling event. In addition, quarterly gauging and monitor well (MW-6) sampling activities will be performed to monitor the groundwater gradient and the potential for offsite plume migration. Weekly O&M activities will be performed to monitor the performance of the LNAPL recovery system and to periodically replace the absorbent socks in the other two recovery wells (RW-2 and RW-3) as necessary.

All of Which is Respectfully Submitted,
Conestoga – Rovers & Associates

Desireé Crenshaw

Project Manager

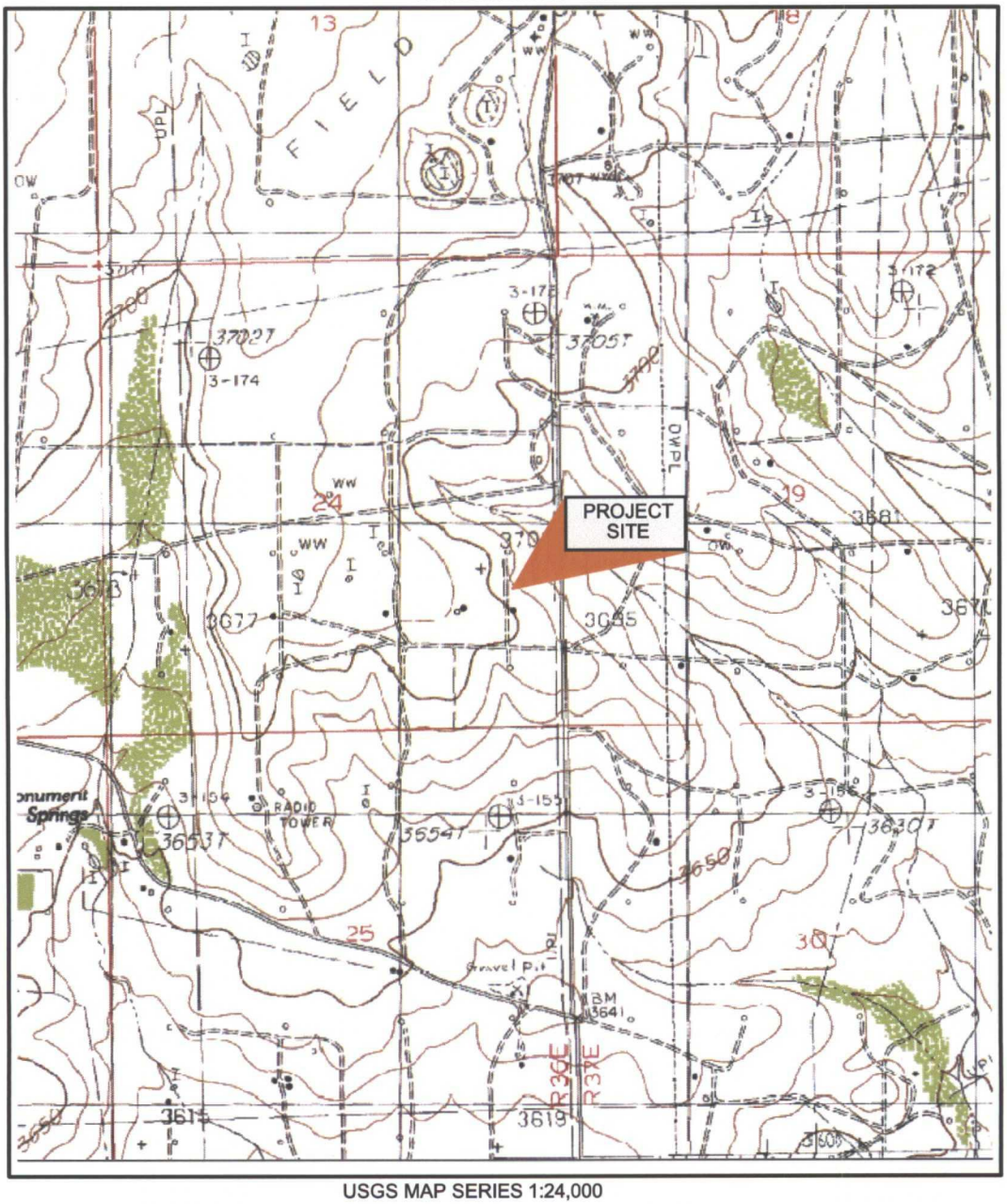


Thomas C. Larson

Operations Manager

MONUMENT NORTH QUADRANGLE
NEW MEXICO

LAT= 32° 38' 34.59" N
LONG= 103° 18' 4.74" W
PHOTOREVISED 1985



USGS MAP SERIES 1:24,000

0 1/2 1 2
(Miles)

0 2000 4000 6000 8000
(Feet)

CONTOUR INTERVAL 10 FEET

NORTH

figure 1

SITE LOCATION MAP
NEW MEXICO "F" STATE
GROUNDWATER REMEDIATION PROJECT
LEA COUNTY, NEW MEXICO
Chevron Environmental Management Company

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LEGEND

- MONITOR WELL
- RECOVERY WELL
- WATER WELL
- FENCE LINE

figure 2

SITE DETAILS MAP
NEW MEXICO "F" STATE
GROUNDWATER REMEDIATION PROJECT
LEA COUNTY, NEW MEXICO
Chevron Environmental Management Company

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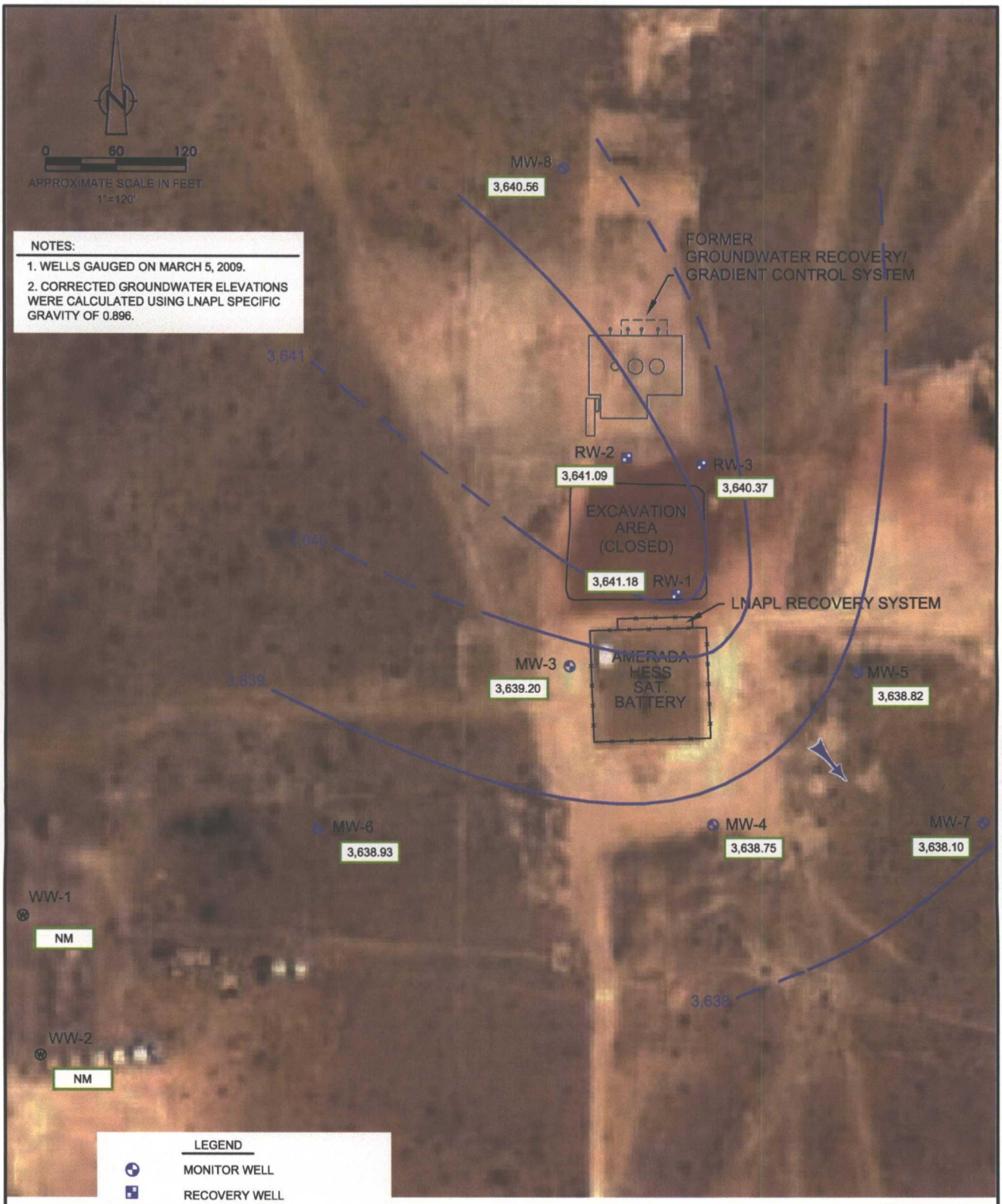

figure 3

GROUNDWATER GRADIENT MAP - MARCH 2009
NEW MEXICO "F" STATE
GROUNDWATER REMEDIATION PROJECT
LEA COUNTY, NEW MEXICO
Chevron Environmental Management Company

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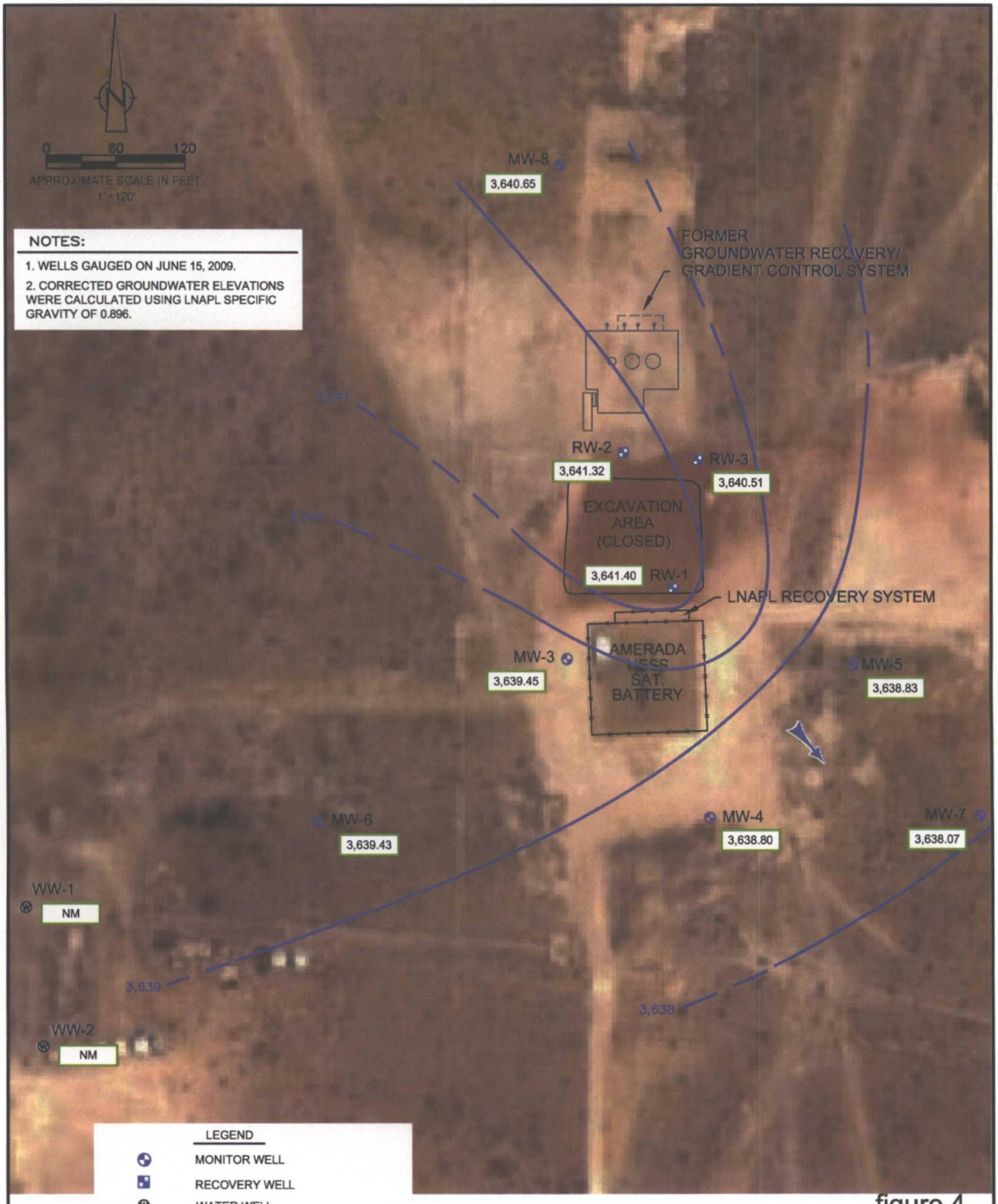

figure 4

GROUNDWATER GRADIENT MAP - JUNE 2009
NEW MEXICO "F" STATE GROUNDWATER REMEDIATION PROJECT
LEA COUNTY, NEW MEXICO
Chevron Environmental Management Company

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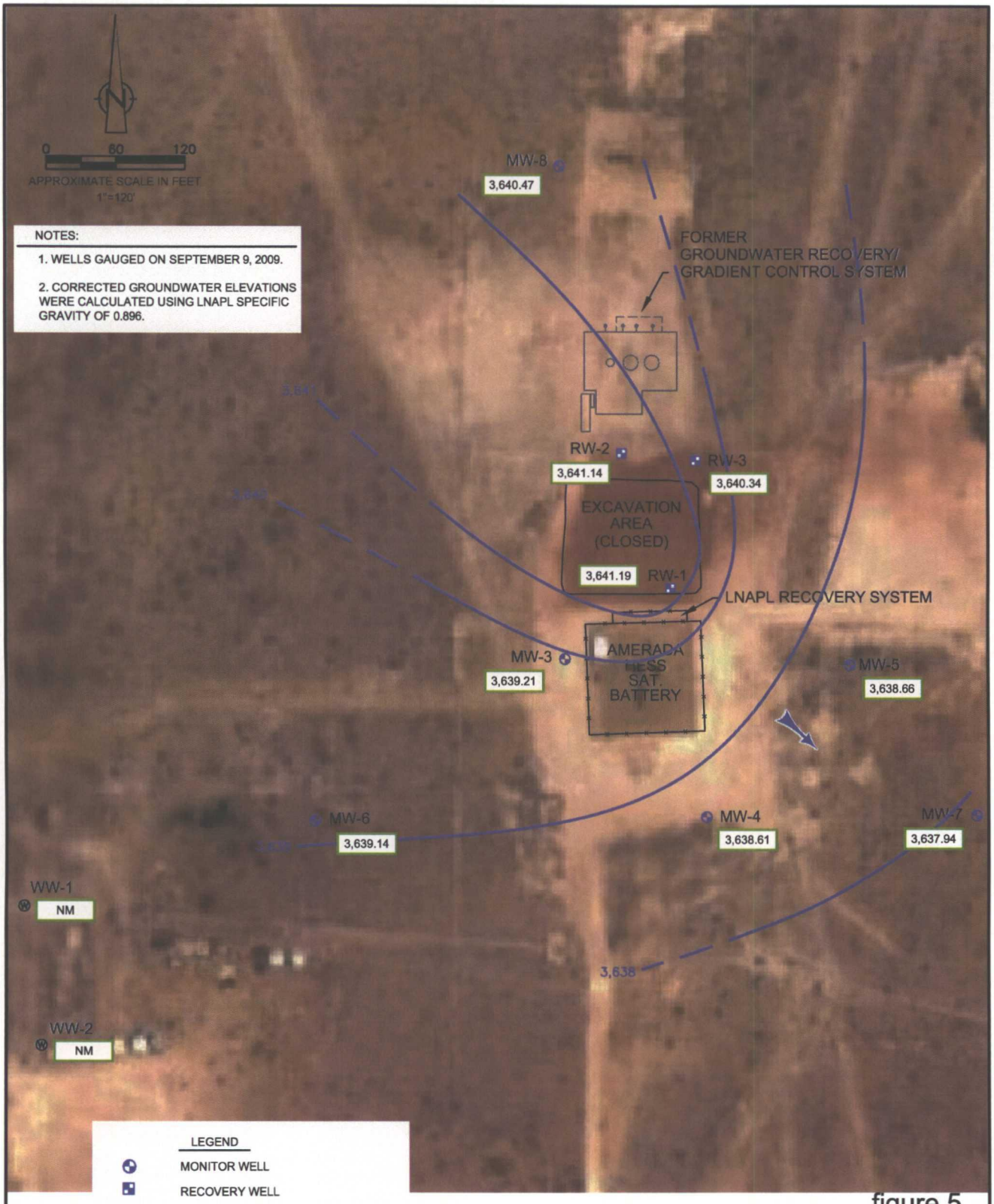

figure 5

GROUNDWATER GRADIENT MAP - SEPTEMBER 2009
NEW MEXICO "F" STATE
GROUNDWATER REMEDIATION PROJECT
LEA COUNTY, NEW MEXICO

Chevron Environmental Management Company

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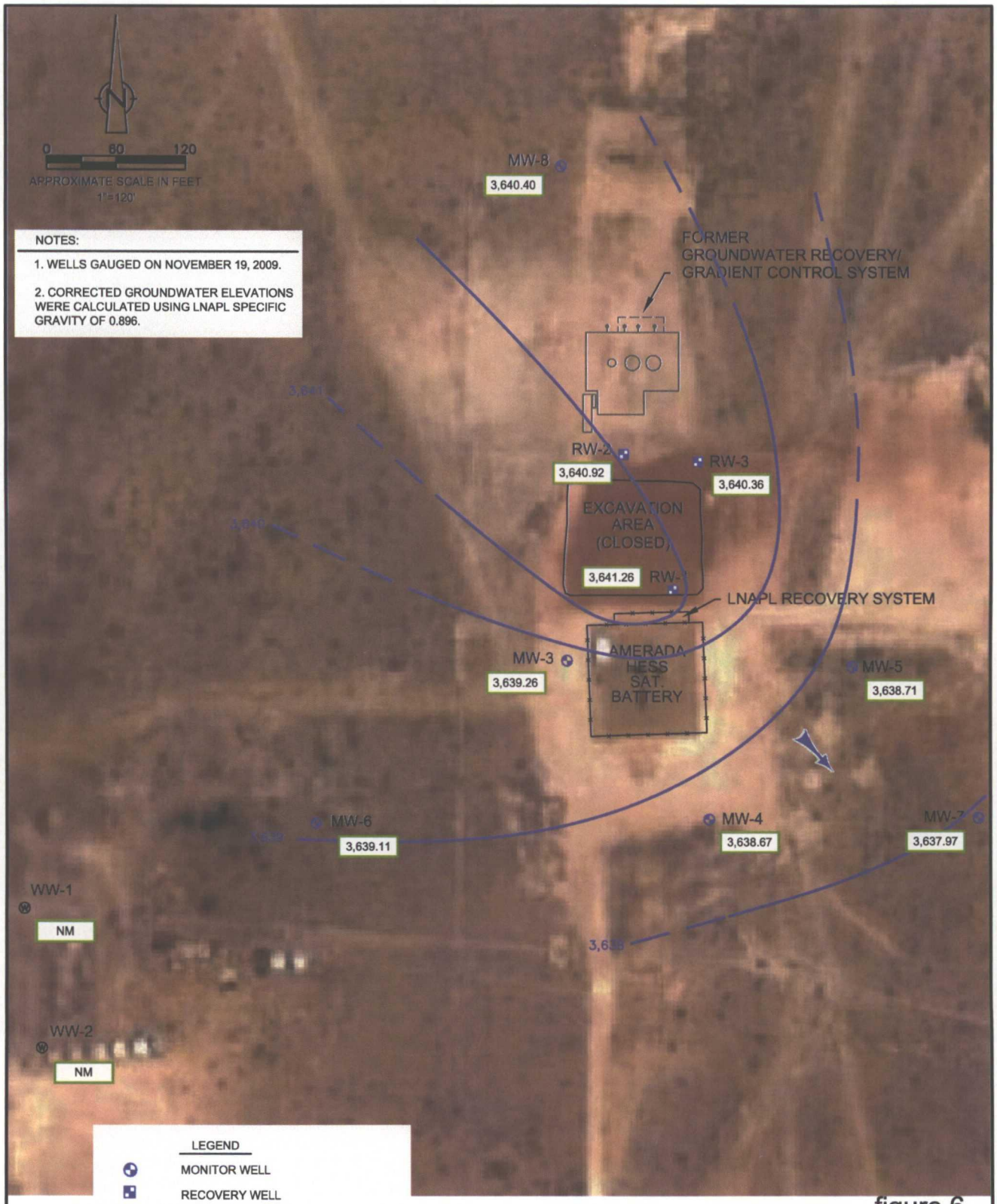

figure 6

GROUNDWATER GRADIENT MAP - NOVEMBER 2009
NEW MEXICO "F" STATE
GROUNDWATER REMEDIATION PROJECT
LEA COUNTY, NEW MEXICO

Chevron Environmental Management Company

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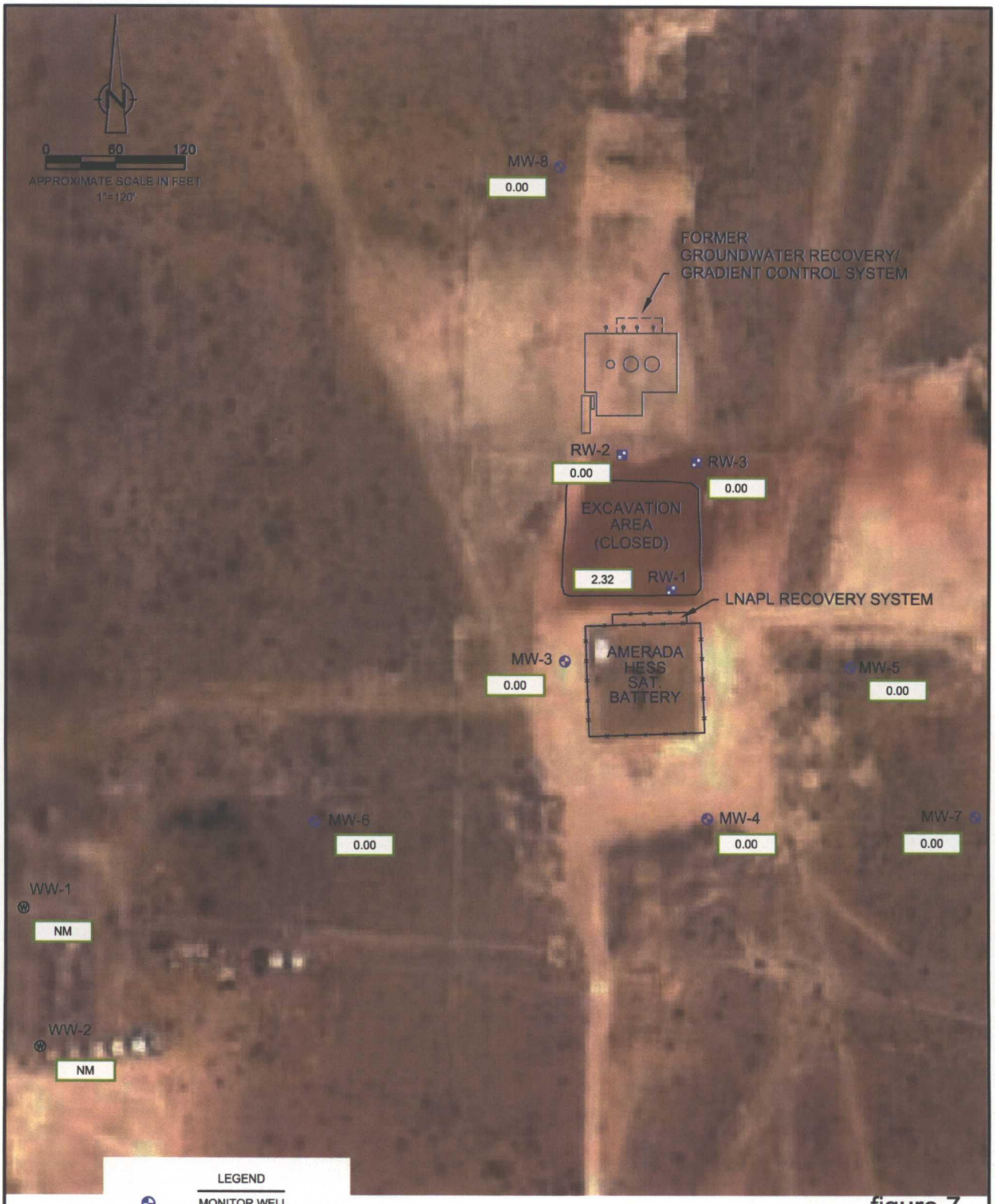

figure 7

LNAPL THICKNESS MAP - MARCH 2009
NEW MEXICO "F" STATE
GROUNDWATER REMEDIATION PROJECT
LEA COUNTY, NEW MEXICO

Chevron Environmental Management Company

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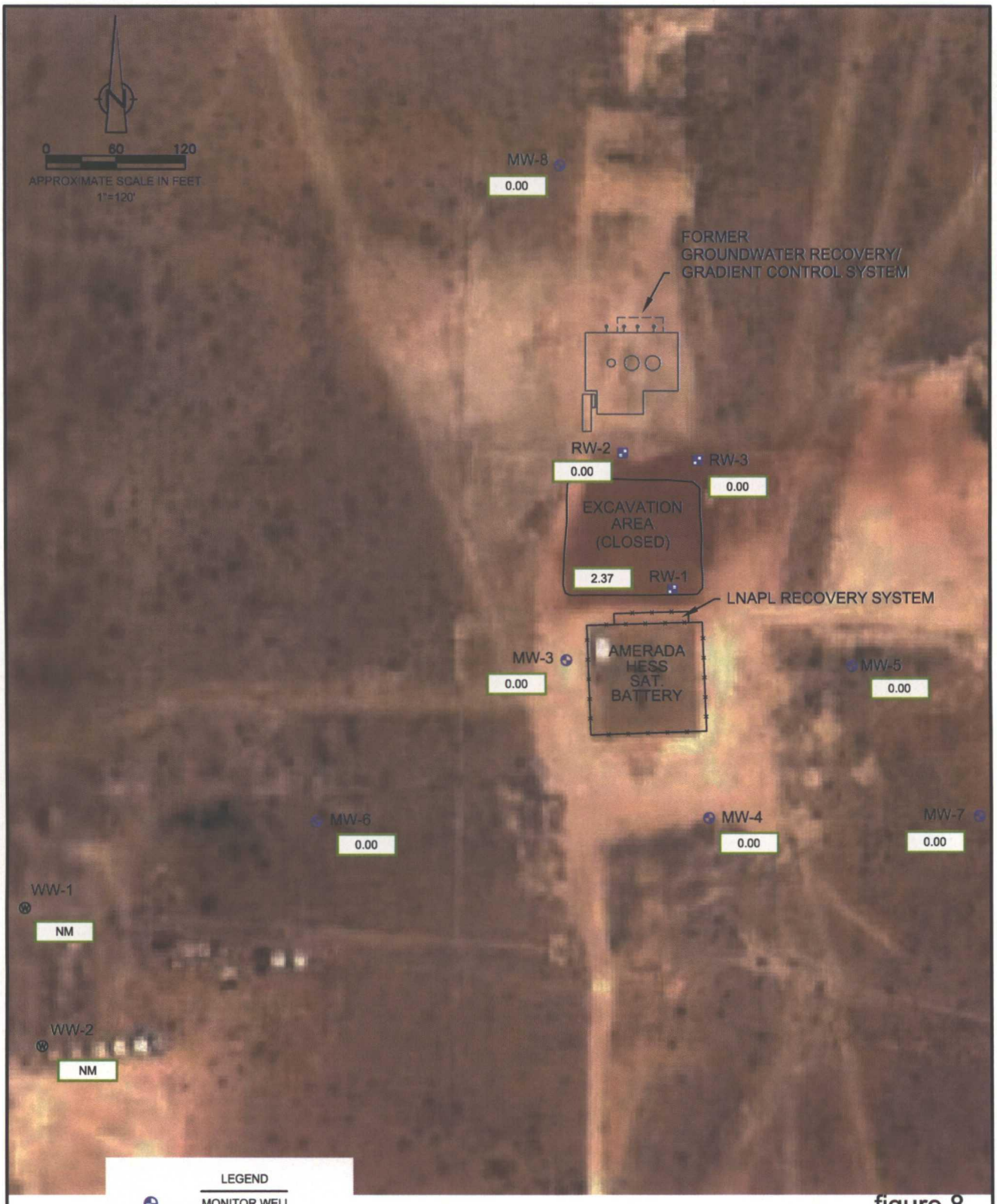

figure 8

LNAPL THICKNESS MAP - JUNE 2009
NEW MEXICO "F" STATE
GROUNDWATER REMEDIATION PROJECT
LEA COUNTY, NEW MEXICO
Chevron Environmental Management Company

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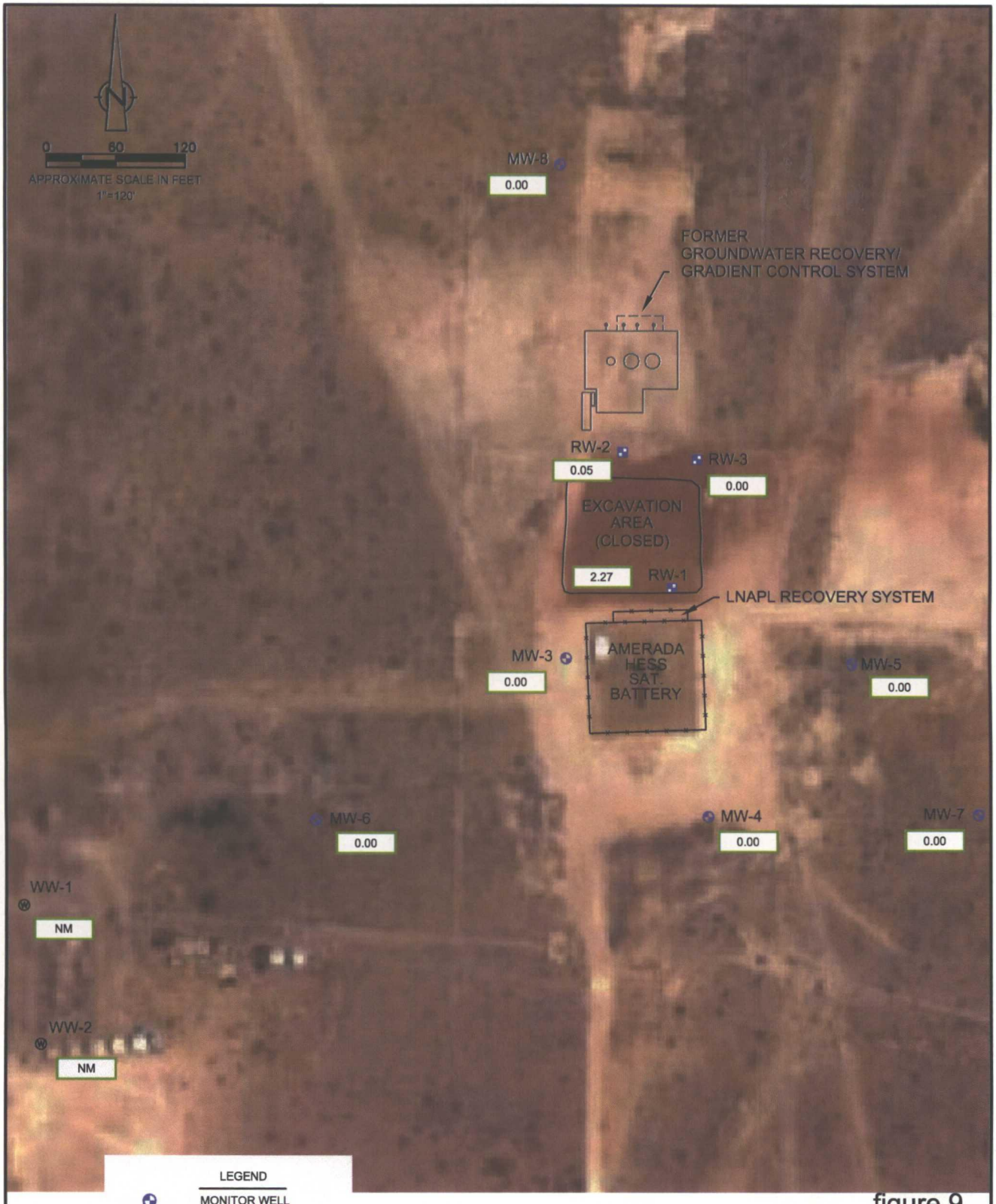

figure 9

LNAPL THICKNESS MAP - SEPTEMBER 2009
NEW MEXICO "F" STATE
GROUNDWATER REMEDIATION PROJECT
LEA COUNTY, NEW MEXICO
Chevron Environmental Management Company

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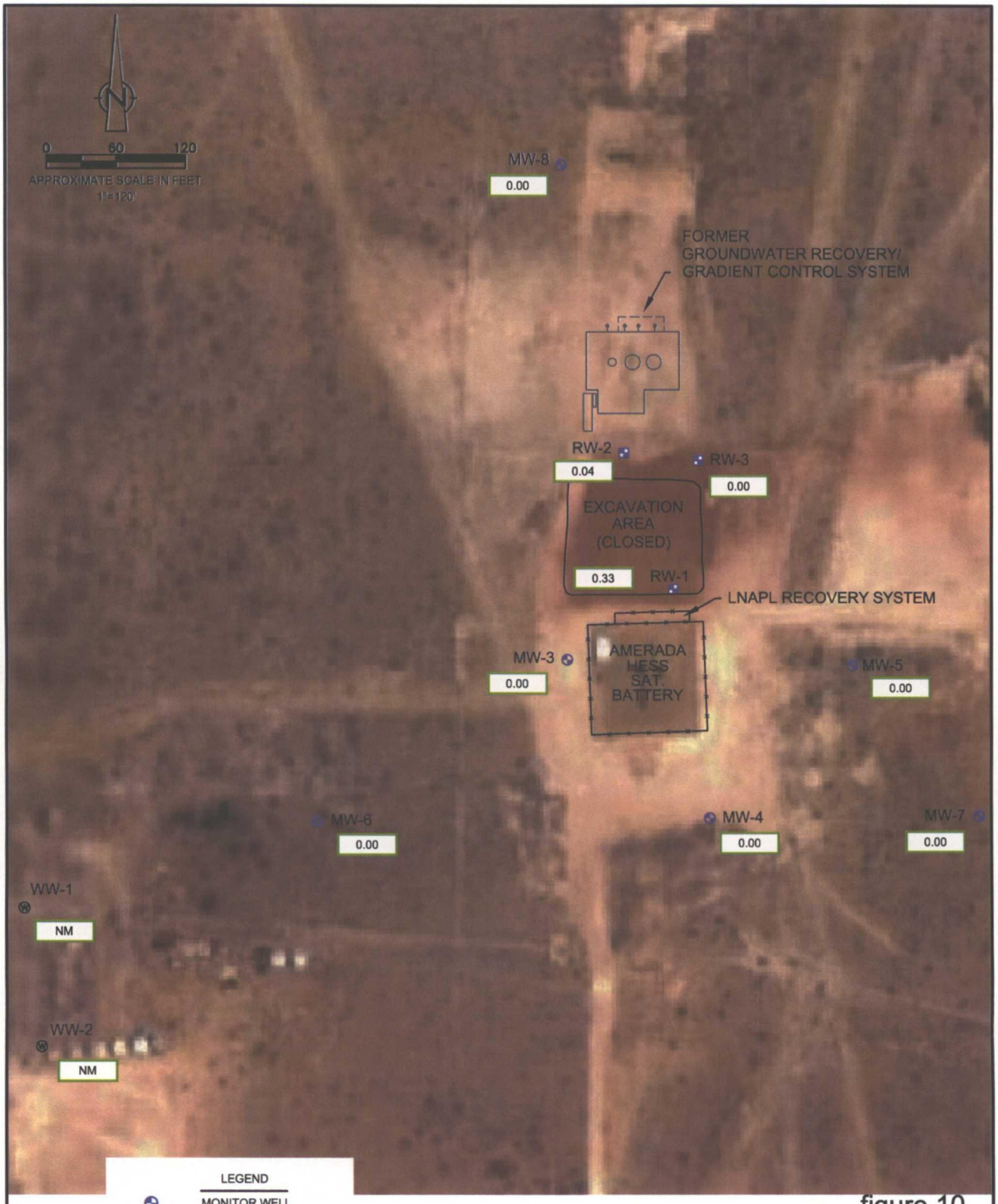

figure 10

LNAPL THICKNESS MAP - NOVEMBER 2009
NEW MEXICO "F" STATE
GROUNDWATER REMEDIATION PROJECT
LEA COUNTY, NEW MEXICO
Chevron Environmental Management Company

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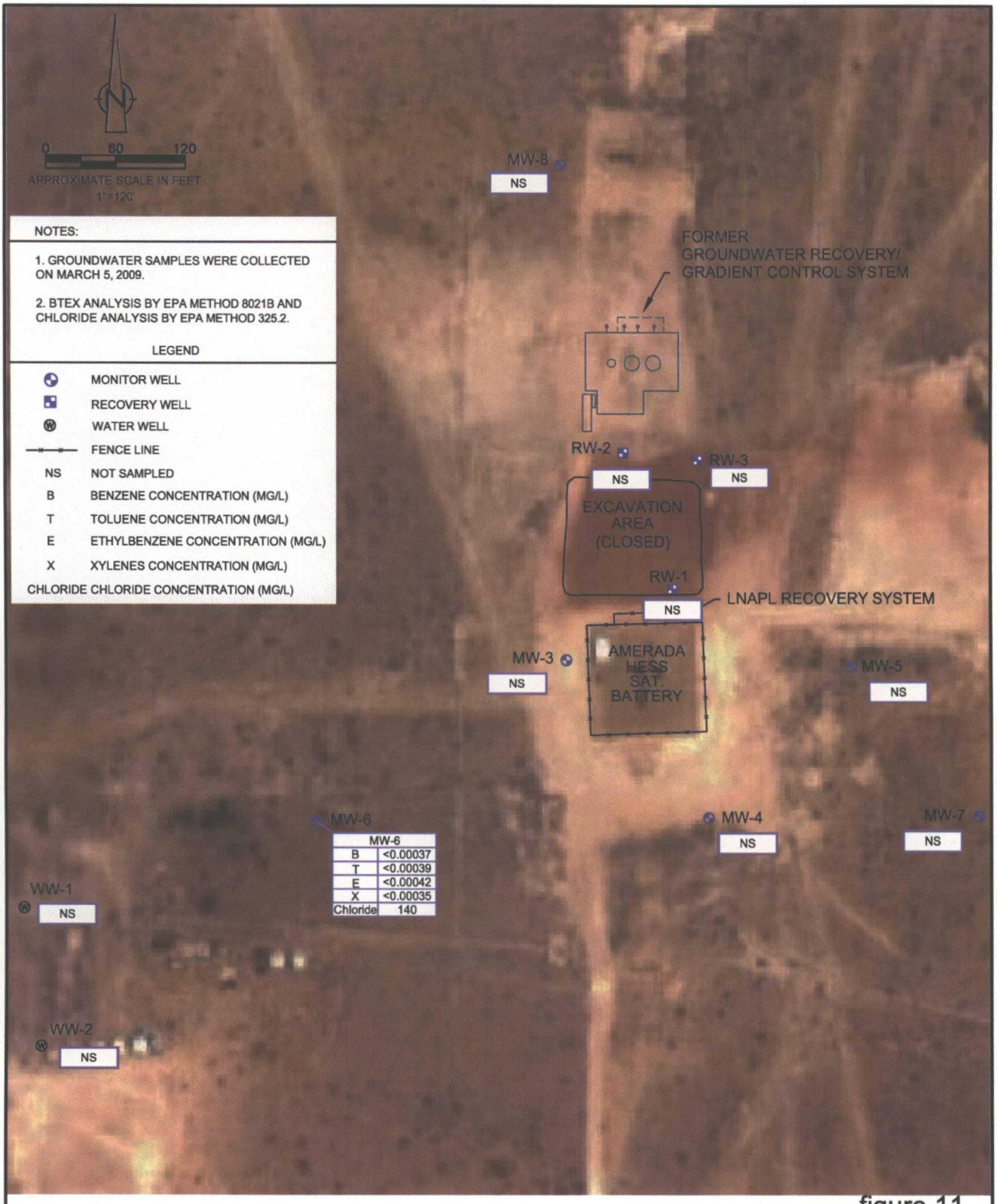

figure 11

GROUNDWATER BTEX AND CHLORIDE CONCENTRATIONS MAP - MARCH 2009
NEW MEXICO "F" STATE GROUNDWATER REMEDIATION PROJECT
LEA COUNTY, NEW MEXICO
Chevron Environmental Management Company

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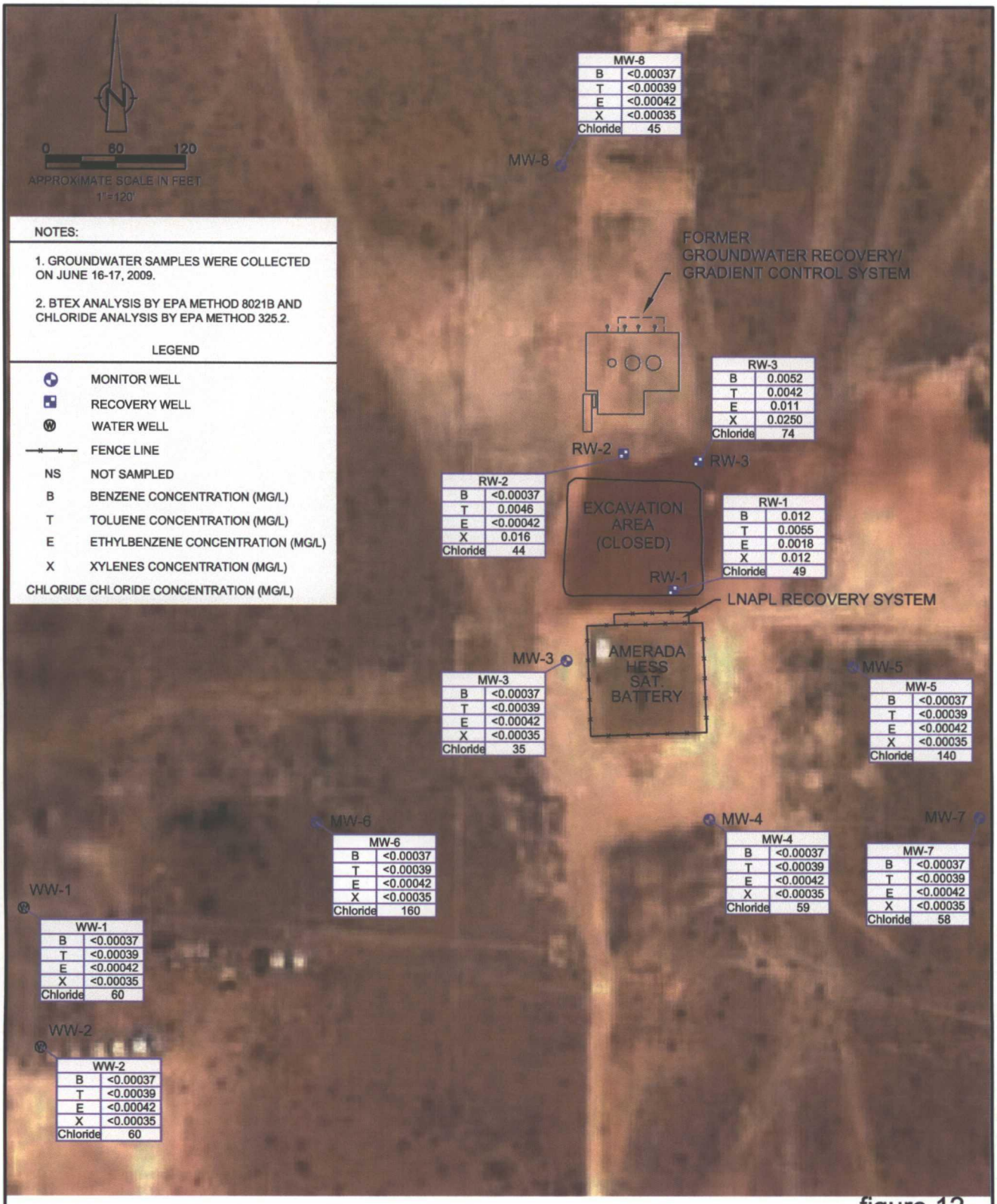

figure 12

GROUNDWATER BTEX AND CHLORIDE CONCENTRATIONS MAP - JUNE 2009
NEW MEXICO "F" STATE GROUNDWATER REMEDIATION PROJECT
LEA COUNTY, NEW MEXICO

Chevron Environmental Management Company

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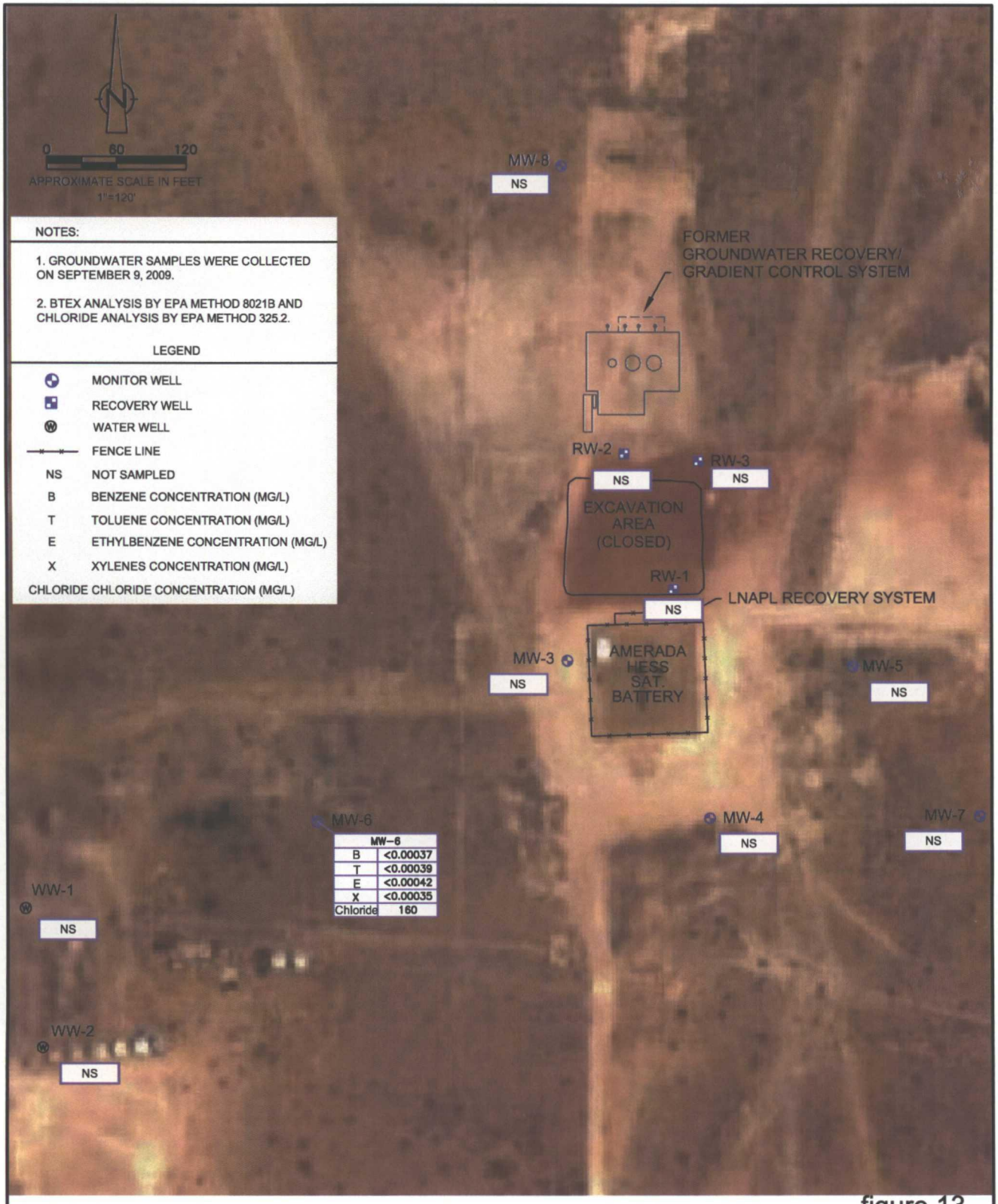

figure 13

GROUNDWATER BTEX AND CHLORIDE CONCENTRATIONS MAP - SEPTEMBER 2009
NEW MEXICO "F" STATE GROUNDWATER REMEDIATION PROJECT
LEA COUNTY, NEW MEXICO
Chevron Environmental Management Company

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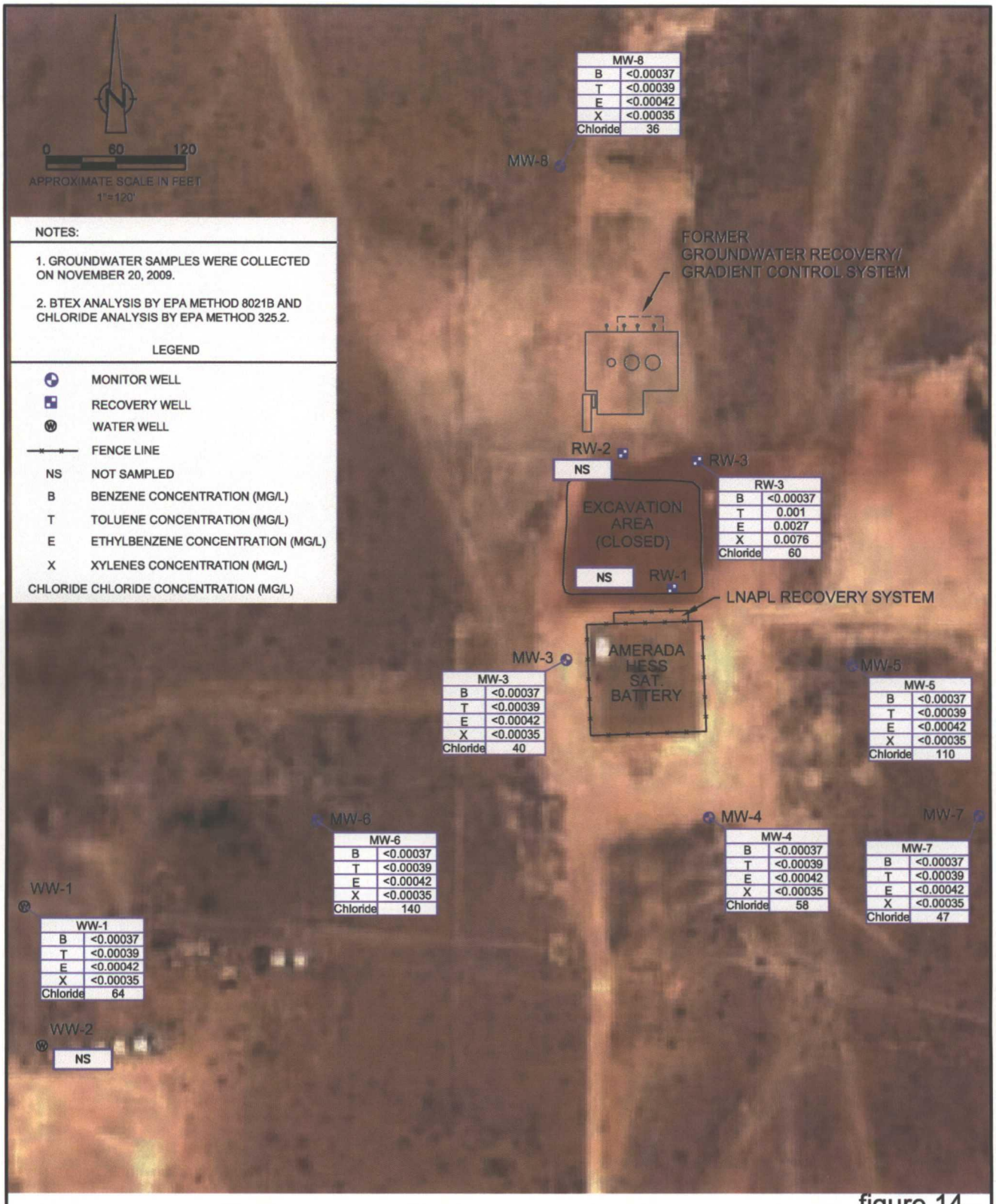

figure 14

GROUNDWATER BTEX AND CHLORIDE CONCENTRATIONS MAP - NOVEMBER 2009
NEW MEXICO "F" STATE GROUNDWATER REMEDIATION PROJECT
LEA COUNTY, NEW MEXICO
Chevron Environmental Management Company

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TABLE I
GROUNDWATER GAUGING SUMMARY
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
FORMER NEW MEXICO "F" STATE TANK BATTERY
LEA COUNTY, NEW MEXICO

Well ID *TOC Elevation*	Collection Date	Depth to Groundwater (ft TOC)	Depth to LNAPL (ft TOC)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft above MSL)	Well Depth (ft TOC)	Well Screen Interval (ft bgs)
MW-3	7/28/98	59.53	---	---	3637.32	70.15	55 - 75
3696.85	6/25/99	59.06	---	---	3637.79	---	---
	2/16/01	59.53	---	---	3637.32	---	---
	6/11/02	59.18	---	---	3637.67	---	---
	11/26/02	59.54	---	---	3637.31	---	---
	6/5/03	59.45	---	---	3637.40	---	---
	12/3/03	59.47	---	---	3637.38	---	---
	7/1/04	59.24	---	---	3637.61	---	---
	12/20/04	58.83	---	---	3638.02	---	---
	6/6/05	58.53	---	---	3638.32	---	---
	12/12/05	57.83	---	---	3639.02	---	---
	1/25/06	57.85	---	---	3639.00	---	---
	5/1/06	57.59	---	---	3639.26	---	---
	6/26/06	57.66	---	---	3639.19	---	---
	12/18/06	57.54	---	---	3639.31	---	---
	3/16/07	57.43	---	---	3639.42	---	---
	6/26/07	57.31	---	---	3639.54	---	---
	9/27/07	57.89	---	---	3638.96	---	---
	12/13/07	57.61	---	---	3639.24	---	---
	3/6/08	57.70	—	—	3639.15	—	—
	6/4/08	57.33	—	—	3639.52	—	—
	9/4/08	57.45	—	—	3639.40	—	—
	11/13/08	57.26	—	—	3639.59	—	—
	3/5/09	57.65	—	—	3639.20	—	—
	6/15/09	57.40	—	—	3639.45	—	—
	9/9/09	57.64	—	—	3639.21	—	—
	11/19/09	57.59	—	—	3639.26	—	—
MW-4	7/28/98	69.72	---	---	3629.78	68.74	55 - 75
3699.50	6/25/99	62.31	---	---	3637.19	---	---
	2/16/01	62.52	---	---	3636.98	---	---
	6/11/02	62.39	---	---	3637.11	---	---
	11/26/02	62.76	---	---	3636.74	---	---
	6/5/03	62.71	---	---	3636.79	---	---
	12/3/03	62.67	---	---	3636.83	---	---
	7/1/04	62.43	---	---	3637.07	---	---
	12/20/04	62.02	---	---	3637.48	---	---
	6/6/05	61.67	---	---	3637.83	---	---
	12/12/05	61.11	---	---	3638.39	---	---
	1/25/06	61.11	---	---	3638.39	---	---
	5/1/06	60.89	---	---	3638.61	---	---
	6/26/06	60.93	---	---	3638.57	---	---
	12/18/06	60.79	---	---	3638.71	---	---
	3/16/07	60.72	---	---	3638.78	---	---
	6/26/07	60.60	---	---	3638.90	---	---
	9/27/07	61.02	---	---	3638.48	---	---
	12/13/07	60.88	---	---	3638.62	---	---
	3/6/08	60.96	—	—	3638.54	—	—
	6/4/08	60.65	—	—	3638.85	—	—
	9/4/08	60.75	—	—	3638.75	—	—
	11/13/08	60.61	—	—	3638.89	—	—
	3/5/09	60.75	—	—	3638.75	—	—

TABLE I
GROUNDWATER GAUGING SUMMARY
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
FORMER NEW MEXICO "F" STATE TANK BATTERY
LEA COUNTY, NEW MEXICO

Well ID *TOC Elevation*	Collection Date	Depth to Groundwater (ft TOC)	Depth to LNAPL (ft TOC)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft above MSL)	Well Depth (ft TOC)	Well Screen Interval (ft bgs)
MW-4	6/15/09	60.70	—	—	3638.80	—	—
(cont)	9/9/09	60.89	—	—	3638.61	—	—
	11/19/09	60.83	—	—	3638.67	—	—
MW-5	7/28/98	56.53	---	---	3636.99	66.80	48 - 68
3693.52	3/23/99	56.30	---	---	3637.22	---	---
	6/25/99	56.21	---	---	3637.31	---	---
	2/16/01	56.31	---	---	3637.21	---	---
	6/11/02	56.29	---	---	3637.23	---	---
	11/26/02	56.13	---	---	3637.39	---	---
	6/5/03	56.53	---	---	3636.99	---	---
	12/3/03	56.57	---	---	3636.95	---	---
	7/1/04	54.34	---	---	3639.18	---	---
	12/20/04	55.86	---	---	3637.66	---	---
	6/6/05	55.60	---	---	3637.92	---	---
	12/12/05	55.04	---	---	3638.48	---	---
	1/25/06	55.07	---	---	3638.45	---	---
	5/1/06	54.87	---	---	3638.65	---	---
	6/26/06	54.86	---	---	3638.66	---	---
	12/18/06	54.61	---	---	3638.91	---	---
	3/16/07	54.51	---	---	3639.01	---	---
	6/26/07	54.49	---	---	3639.03	---	---
	9/27/07	54.84	---	---	3638.68	---	---
	12/13/07	54.74	---	---	3638.78	---	---
	3/6/08	54.77	—	—	3638.75	—	—
	6/4/08	54.58	—	—	3638.94	—	—
	9/4/08	54.68	—	—	3638.84	—	—
	11/13/08	54.57	—	—	3638.95	—	—
	3/5/09	54.70	—	—	3638.82	—	—
	6/15/09	54.69	—	—	3638.83	—	—
	9/9/09	54.86	—	—	3638.66	—	—
	11/19/09	54.81	—	—	3638.71	—	—
MW-6	7/28/98	67.86	---	---	3636.95	78.25	56 - 76
3704.81	6/25/99	67.25	---	---	3637.56	---	---
	2/16/01	67.45	---	—	3637.36	---	---
	6/11/02	67.19	---	---	3637.62	---	---
	11/26/02	67.09	---	---	3637.72	---	—
	6/5/03	67.57	---	---	3637.24	---	---
	12/3/03	67.61	---	---	3637.20	---	---
	7/1/04	67.43	---	---	3637.38	---	---
	12/20/04	67.55	—	---	3637.26	---	---
	6/6/05	66.41	---	---	3638.40	---	---
	12/12/05	65.80	---	---	3639.01	---	---
	1/25/06	65.88	---	---	3638.93	---	---
	5/1/06	65.57	---	---	3639.24	---	---
	6/26/06	65.82	---	---	3638.99	---	---
	12/18/06	65.67	---	---	3639.14	---	---
	3/16/07	65.69	---	---	3639.12	---	---
	6/26/07	65.41	---	---	3639.40	---	---
	9/27/07	66.46	---	---	3638.35	---	---
	12/13/07	65.85	---	---	3638.96	---	---
	3/6/08	65.68	—	—	3639.13	—	—
	6/4/08	65.39	—	—	3639.42	—	—
	9/4/08	65.56	—	—	3639.25	—	—

TABLE I
GROUNDWATER GAUGING SUMMARY
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
FORMER NEW MEXICO "F" STATE TANK BATTERY
LEA COUNTY, NEW MEXICO

Well ID *TOC Elevation*	Collection Date	Depth to Groundwater (ft TOC)	Depth to LNAPL (ft TOC)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft above MSL)	Well Depth (ft TOC)	Well Screen Interval (ft bgs)
MW-6	11/13/08	65.32	—	—	3639.49	—	—
(cont)	3/5/09	65.88	—	—	3638.93	—	—
	6/15/09	65.38	—	—	3639.43	—	—
	9/9/09	65.67	—	—	3639.14	—	—
	11/19/09	65.70	—	—	3639.11	—	—
MW-7	7/28/98	58.08	---	---	3636.50	68.88	49 - 69
3694.58	6/25/99	57.96	---	---	3636.62	---	---
	2/16/01	58.09	---	---	3636.49	---	---
	6/11/02	58.07	---	---	3636.51	---	---
	11/26/02	57.92	---	---	3636.66	---	---
	6/5/03	58.29	---	---	3636.29	---	---
	12/3/03	58.33	---	---	3636.25	---	---
	7/1/04	58.11	---	---	3636.47	---	---
	12/20/04	57.62	---	---	3636.96	---	---
	6/6/05	57.28	---	---	3637.30	---	---
	12/12/05	56.84	---	---	3637.74	---	---
	1/25/06	56.86	---	---	3637.72	---	---
	5/1/06	56.69	---	---	3637.89	---	---
	6/26/06	56.66	---	---	3637.92	---	---
	12/18/06	56.40	---	---	3638.18	---	---
	3/16/07	56.28	---	---	3638.30	---	---
	6/26/07	56.29	---	---	3638.29	---	---
	9/27/07	56.59	---	---	3637.99	---	---
	12/13/07	56.51	---	---	3638.07	---	---
	3/6/08	56.56	—	—	3638.02	—	—
	6/4/08	56.38	—	—	3638.20	—	—
	9/4/08	56.49	—	—	3638.09	—	—
	11/13/08	56.40	—	—	3638.18	—	—
	3/5/09	56.48	—	—	3638.10	—	—
	6/15/09	56.51	—	—	3638.07	—	—
	9/9/09	56.64	—	—	3637.94	—	—
	11/19/09	56.59	—	—	3637.99	—	—
MW-8	7/28/98	56.84	---	---	3638.77	66.91	46 - 66
3695.61	6/25/99	56.56	---	---	3639.05	---	---
	2/16/01	56.49	---	---	3639.12	---	---
	6/11/02	56.56	---	---	3639.05	---	---
	11/26/02	56.88	---	---	3638.73	---	---
	6/5/03	56.89	---	---	3638.72	---	---
	12/3/03	56.91	---	---	3638.70	---	---
	7/1/04	56.70	---	---	3638.91	---	---
	12/20/04	56.23	---	---	3639.38	---	---
	6/6/05	55.86	---	---	3639.75	---	---
	12/12/05	55.29	---	---	3640.32	---	---
	1/25/06	55.30	---	---	3640.31	---	---
	5/1/06	55.03	---	---	3640.58	---	---
	6/26/06	54.96	---	---	3640.65	---	---
	12/18/06	54.80	---	---	3640.81	---	---
	3/16/07	54.68	---	---	3640.93	---	---
	6/26/07	54.67	---	---	3640.94	---	---
	9/27/07	54.95	---	---	3640.66	---	---
	12/13/07	54.82	---	---	3640.79	---	---
	3/6/08	54.82	—	—	3640.79	—	—
	6/4/08	54.70	—	—	3640.91	—	—

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LEA COUNTY, NEW MEXICO

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MW-8	9/4/08	54.77	—	—	3640.84	—	—
(cont)	11/13/08	54.73	—	—	3640.88	—	—
	3/5/09	55.05	—	—	3640.56	—	—
	6/15/09	54.96	—	—	3640.65	—	—
	9/9/09	55.14	—	—	3640.47	—	—
	11/19/09	55.12	—	—	3640.49	—	—
RW-1	11/3/99	62.17	---	---	3637.75	71.60	55 - 75
3699.92	2/16/01	62.37	62.33	0.04	3637.59	---	---
	6/11/02	62.26	61.86	0.40	3638.01	---	---
	11/26/02	62.60	62.07	0.53	3637.79	---	---
	6/5/03	63.00	62.84	0.16	3637.06	---	---
	12/3/03	63.26	62.61	0.65	3637.23	---	---
	7/1/04	63.10	62.33	0.77	3637.50	---	---
	12/20/04	61.80	60.96	0.84	3638.86	---	---
	3/1/05	Start-up groundwater extraction system				---	---
	1/25/06	61.44	58.67	2.77	3640.92	---	---
	5/1/06	61.56	58.38	3.18	3641.16	---	---
	6/26/06	61.59	58.43	3.16	3641.11	---	---
	11/21/06	59.87	58.72	1.15	3641.06	---	---
	11/28/06	Installed skimmer pump system					
	11/28/06	60.96	58.32	2.64	3641.28	---	---
	12/4/06	60.35	58.30	2.05	3641.37	---	---
	12/15/06	58.75	58.48	0.27	3641.41	---	---
	12/18/06	58.78	58.55	0.23	3641.34	---	---
	1/5/07	60.54	58.19	2.35	3641.49	---	---
	2/2/07	59.00	58.51	0.49	3641.36	---	---
	2/9/07	58.52	58.36	0.16	3641.54	---	---
	2/23/07	58.62	58.25	0.37	3641.63	---	---
	3/2/07	59.78	58.18	1.60	3641.58	---	---
	3/8/07	58.55	58.23	0.32	3641.66	---	---
	3/16/07	58.74	58.30	0.44	3641.57	---	---
	3/23/07	58.81	58.31	0.50	3641.56	---	---
	3/28/07	58.48	58.24	0.24	3641.66	---	---
	4/4/07	58.69	58.48	0.21	3641.42	---	---
	5/23/07	58.95	58.48	0.47	3641.39	---	---
	6/20/07	59.09	58.50	0.59	3641.36	---	---
	6/26/07	58.52	58.37	0.15	3641.53	---	---
	7/2/07	58.69	58.29	0.40	3641.59	---	---
	9/13/07	60.18	58.66	1.52	3641.10	---	---
	9/17/07	59.18	58.65	0.53	3641.22	---	---
	9/27/07	59.40	58.72	0.68	3641.13	---	---
	11/16/07	58.52	58.35	0.17	3641.55	---	---
	12/13/07	60.90	58.44	2.46	3641.23	---	---
	3/6/08	59.24	58.76	0.48	3641.11	—	—
	4/1/08	59.27	58.70	0.57	3641.16	—	—
	5/6/08	59.31	58.73	0.58	3641.13	—	—
	6/4/08	59.37	58.59	0.78	3641.25	—	—
	6/25/08	58.51	58.40	0.11	3641.51	—	—
	7/15/08	58.92	58.46	0.46	3641.41	—	—
	8/19/08	58.80	58.52	0.28	3641.37	—	—
	9/4/08	58.82	58.51	0.31	3641.38	—	—
	9/15/08	60.56	58.43	2.13	3641.27	—	—
	10/1/08	60.38	58.45	1.93	3641.27	—	—

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LEA COUNTY, NEW MEXICO

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RW-1	10/16/08	60.80	58.41	2.39	3641.26	—	—
(cont)	11/13/08	60.59	58.10	2.49	3641.56	—	—
	12/17/08	60.48	58.47	2.01	3641.24	—	—
	1/13/09	60.38	58.18	2.20	3641.51	—	—
	1/21/09	58.93	58.47	0.46	3641.40	—	—
	1/28/09	60.85	58.30	2.55	3641.36	—	—
	2/3/09	59.16	58.67	0.49	3641.20	—	—
	3/5/09	60.82	58.50	2.32	3641.18	—	—
	3/20/09	60.60	58.40	2.20	3641.29	—	—
	4/22/09	58.89	58.64	0.25	3641.25	—	—
	6/3/09	60.95	58.48	2.47	3641.19	—	—
	6/11/09	58.80	58.54	0.26	3641.35	—	—
	6/15/09	60.65	58.28	2.37	3641.40	—	—
	7/6/09	60.90	58.30	2.60	3641.35	—	—
	8/12/09	61.39	58.59	2.80	3641.04	—	—
	9/9/09	60.77	58.50	2.27	3641.19	—	—
	9/23/09	61.22	58.45	2.77	3641.18	—	—
	10/7/09	60.84	58.51	2.33	3641.17	—	—
	11/4/09	60.59	58.51	2.08	3641.20	—	—
	11/19/09	58.96	58.63	0.33	3641.26	—	—
RW-2	10/14/99	53.28	---	---	3638.84	67.55	47 - 67
3692.12	11/3/99	53.95	---	---	3638.17	---	---
	2/16/01	54.01	---	---	3638.11	---	---
	6/11/02	54.01	53.98	0.03	3638.14	---	---
	11/26/02	54.28	54.07	0.21	3638.02	---	---
	6/5/03	53.24	53.23	0.01	3638.89	---	---
	12/3/03	54.51	54.38	0.13	3637.72	---	---
	7/1/04	54.51	54.12	0.39	3637.95	---	---
	12/20/04	53.69	53.52	0.17	3638.58	---	---
	3/1/05	Start-up groundwater extraction system				---	---
	1/25/06	51.55	51.14	0.41	3640.93	---	---
	5/1/06	51.34	50.91	0.43	3641.16	---	---
	6/26/06	51.02	50.94	0.08	3641.17	---	---
	11/28/06	Absorbant sock installed in well					
	12/18/06	51.15	50.75	0.40	3641.32	---	---
	1/12/07	50.89	50.63	0.26	3641.46	---	---
	1/15/07	50.20	---	---	3641.92	---	---
	2/2/07	50.72	---	---	3641.40	---	---
	2/9/07	50.60	---	---	3641.52	---	---
	2/23/07	50.54	---	---	3641.58	---	---
	3/2/07	50.60	---	---	3641.52	---	---
	3/8/07	50.61	---	---	3641.51	---	---
	3/16/07	50.69	---	---	3641.43	---	---
	3/23/07	50.67	---	---	3641.45	---	---
	3/28/07	50.54	---	---	3641.58	---	---
	4/4/07	50.66	---	---	3641.46	---	---
	4/12/07	50.62	---	---	3641.50	---	---
	4/19/07	50.61	---	---	3641.51	---	---
	4/25/07	50.80	---	---	3641.32	---	---
	5/1/07	50.80	---	---	3641.32	---	---
	5/8/07	50.73	---	---	3641.39	---	---
	5/23/07	50.74	---	---	3641.38	---	---

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RW-2	5/29/07	50.70	---	---	3641.42	---	---
(cont)	6/5/07	50.68	---	---	3641.44	---	---
	6/14/07	50.66	---	---	3641.46	---	---
	6/20/07	50.72	---	---	3641.40	---	---
	6/26/07	50.63	---	---	3641.49	---	---
	7/2/07	50.59	---	---	3641.53	---	---
	7/13/07	50.60	---	---	3641.52	---	---
	7/20/07	50.61	---	---	3641.51	---	---
	7/27/07	50.65	---	---	3641.47	---	---
	8/14/07	50.83	---	---	3641.29	---	---
	8/22/07	50.96	---	---	3641.16	---	---
	9/4/07	50.88	---	---	3641.24	---	---
	9/13/07	50.49	---	---	3641.63	---	---
	9/17/07	50.92	---	---	3641.20	---	---
	9/27/07	51.00	---	---	3641.12	---	---
	10/4/07	50.92	---	---	3641.20	---	---
	10/11/07	50.87	---	---	3641.25	---	---
	11/2/07	50.79	---	---	3641.33	---	---
	11/16/07	50.65	---	---	3641.47	---	---
	11/20/07	50.73	---	---	3641.39	---	---
	12/13/07	50.92	---	---	3641.20	---	---
	1/2/08	50.91	---	---	3641.21	---	---
	3/6/08	50.90	---	---	3641.22	---	---
	3/11/08	50.77	---	---	3641.35	---	---
	3/17/08	50.83	---	---	3641.29	---	---
	3/25/08	50.75	---	---	3641.37	---	---
	4/1/08	50.74	---	---	3641.38	---	---
	4/9/08	50.70	---	---	3641.42	---	---
	4/15/08	50.68	---	---	3641.44	---	---
	4/23/08	50.69	---	---	3641.43	---	---
	4/28/08	50.67	---	---	3641.45	---	---
	5/6/08	50.72	---	---	3641.40	---	---
	5/23/08	50.75	---	---	3641.37	---	---
	5/29/08	50.68	---	---	3641.44	---	---
	6/4/08	50.65	---	---	3641.47	---	---
	6/12/08	50.68	---	---	3641.44	---	---
	6/18/08	50.64	---	---	3641.48	---	---
	6/25/08	50.60	---	---	3641.52	---	---
	6/30/08	50.61	---	---	3641.51	---	---
	7/7/08	50.66	---	---	3641.46	---	---
	7/15/08	50.63	---	---	3641.49	---	---
	7/21/08	50.59	---	---	3641.53	---	---
	7/31/08	50.63	---	---	3641.49	---	---
	8/4/08	50.59	---	---	3641.53	---	---
	8/10/08	50.53	---	---	3641.59	---	---
	8/19/08	50.70	---	---	3641.42	---	---
	8/26/08	50.71	---	---	3641.41	---	---
	9/4/08	50.73	---	---	3641.39	---	---
	9/10/08	50.72	---	---	3641.40	---	---
	9/15/08	50.84	---	---	3641.28	---	---
	9/23/08	50.84	---	---	3641.28	---	---
	10/1/08	50.85	---	---	3641.27	---	---
	10/6/08	50.85	---	---	3641.27	---	---
	10/16/08	50.85	---	---	3641.27	---	---

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RW-2	10/21/08	50.75	—	—	3641.37	—	—
(cont)	10/28/08	50.75	—	—	3641.37	—	—
	11/13/08	50.67	—	—	3641.45	—	—
	11/19/08	50.69	—	—	3641.43	—	—
	11/25/08	50.76	—	—	3641.36	—	—
	12/3/08	50.85	—	—	3641.27	—	—
	12/9/08	50.98	—	—	3641.14	—	—
	12/17/08	50.93	—	—	3641.19	—	—
	12/22/08	50.95	—	—	3641.17	—	—
	12/30/08	50.98	—	—	3641.14	—	—
	1/6/09	50.85	—	—	3641.27	—	—
	1/13/09	50.71	—	—	3641.41	—	—
	1/21/09	50.83	—	—	3641.29	—	—
	1/28/09	50.85	—	—	3641.27	—	—
	2/3/09	50.93	—	—	3641.19	—	—
	2/10/09	50.84	—	—	3641.28	—	—
	2/16/09	51.02	—	—	3641.10	—	—
	2/23/09	51.08	—	—	3641.04	—	—
	3/5/09	51.03	—	—	3641.09	—	—
	3/12/09	51.10	—	—	3641.02	—	—
	3/20/09	50.91	—	—	3641.21	—	—
	3/24/09	51.10	—	—	3641.02	—	—
	4/2/09	51.02	—	—	3641.10	—	—
	4/9/09	50.87	—	---	3641.25	—	—
	4/15/09	50.79	—	---	3641.33	—	—
	4/22/09	50.85	—	—	3641.27	—	—
	5/1/09	50.88	—	---	3641.24	—	—
	5/13/09	50.81	—	---	3641.31	—	—
	6/3/09	51.15	50.94	0.21	3641.16	—	—
	6/11/09	50.87	50.84	0.03	3641.28	—	—
	6/15/09	50.80	—	---	3641.32	—	—
	7/6/09	50.84	—	---	3641.28	—	—
	7/22/09	50.88	—	---	3641.24	—	—
	8/12/09	51.09	51.03	0.06	3641.08	—	—
	8/26/09	51.00	50.96	0.04	3641.16	—	—
	9/9/09	51.02	50.97	0.05	3641.14	—	—
	9/23/09	51.05	51.02	0.03	3641.10	—	—
	10/7/09	51.10	50.98	0.12	3641.13	—	—
	10/21/09	51.10	50.92	0.18	3641.18	—	—
	11/4/09	51.12	50.97	0.15	3641.13	—	—
	11/19/09	50.99	50.95	0.04	3641.17	—	—
	12/2/09	51.01	---	---	3641.11	—	—
	12/17/09	51.20	---	---	3640.92	—	—
RW-3	10/14/99	45.82	---	---	3645.04	68.65	47 - 67
3690.86	11/3/99	52.82	---	---	3638.04	---	---
	2/16/01	52.88	---	---	3637.98	---	---
	6/11/02	52.91	---	---	3637.95	---	---
	11/26/02	53.22	53.15	0.07	3637.70	---	---
	6/5/03	54.56	54.40	0.16	3636.44	---	---
	12/3/03	53.23	---	---	3637.63	---	---
	7/1/04	53.19	52.98	0.21	3637.85	---	---
	12/20/04	52.50	52.09	0.41	3638.72	---	---
	3/1/05	Start-up groundwater extraction system				---	---

TABLE I
GROUNDWATER GAUGING SUMMARY
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
FORMER NEW MEXICO "F" STATE TANK BATTERY
LEA COUNTY, NEW MEXICO

Well ID *TOC Elevation*	Collection Date	Depth to Groundwater (ft TOC)	Depth to LNAPL (ft TOC)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft above MSL)	Well Depth (ft TOC)	Well Screen Interval (ft bgs)
RW-3	1/25/06	50.71	---	---	3640.15	---	---
(cont)	5/1/06	50.49	---	---	3640.37	---	---
	6/26/06	50.50	---	---	3640.36	---	---
	11/28/06		Absorbant sock installed in well				
	12/18/06	50.31	---	---	3640.55	---	---
	1/12/07	50.17	---	---	3640.69	---	---
	1/15/07	50.21	50.20	0.01	3640.66	---	---
	2/2/07	50.23	---	---	3640.63	---	---
	2/9/07	50.13	---	---	3640.73	---	---
	2/23/07	50.03	---	---	3640.83	---	---
	3/2/07	50.12	---	---	3640.74	---	---
	3/8/07	50.14	---	---	3640.72	---	---
	3/16/07	50.22	---	---	3640.64	---	---
	3/23/07	50.20	---	---	3640.66	---	---
	3/28/07	50.08	---	---	3640.78	---	---
	4/4/07	50.18	---	---	3640.68	---	---
	4/12/07	50.14	---	---	3640.72	---	---
	4/19/07	50.13	---	---	3640.73	---	---
	4/25/07	50.28	---	---	3640.58	---	---
	5/1/07	50.29	---	---	3640.57	---	---
	5/8/07	50.24	---	---	3640.62	---	---
	5/23/07	50.23	---	---	3640.63	---	---
	5/29/07	50.21	---	---	3640.65	---	---
	6/5/07	50.19	---	---	3640.67	---	---
	6/14/07	50.18	---	---	3640.68	---	---
	6/20/07	50.26	---	---	3640.60	---	---
	6/26/07	50.15	---	---	3640.71	---	---
	7/2/07	50.11	---	---	3640.75	---	---
	7/13/07	50.14	---	---	3640.72	---	---
	7/20/07	50.11	---	---	3640.75	---	---
	7/27/07	50.17	---	---	3640.69	---	---
	8/14/07	50.37	---	---	3640.49	---	---
	8/22/07	50.45	---	---	3640.41	---	---
	9/4/07	50.36	---	---	3640.50	---	---
	9/13/07	50.44	---	---	3640.42	---	---
	9/17/07	50.44	---	---	3640.42	---	---
	9/27/07	50.49	---	---	3640.37	---	---
	10/4/07	50.42	---	---	3640.44	---	---
	10/11/07	50.39	---	---	3640.47	---	---
	11/2/07	50.31	---	---	3640.55	---	---
	11/16/07	50.19	---	---	3640.67	---	---
	11/20/07	50.27	---	---	3640.59	---	---
	12/13/07	52.38	---	---	3638.48	---	---
	1/2/08	52.35	---	---	3638.51	---	---
	3/6/08	50.42	—	—	3640.44	—	—
	3/11/08	50.32	—	—	3640.54	—	—
	3/17/08	50.39	—	—	3640.47	—	—
	3/25/08	50.27	—	—	3640.59	—	—
	4/1/08	50.25	—	—	3640.61	—	—
	4/9/08	50.22	—	—	3640.64	—	—
	4/15/08	50.22	—	—	3640.64	—	—
	4/23/08	50.24	—	—	3640.62	—	—
	4/28/08	50.25	—	—	3640.61	—	—
	5/6/08	50.22	—	—	3640.64	—	—

TABLE I
GROUNDWATER GAUGING SUMMARY
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
FORMER NEW MEXICO "F" STATE TANK BATTERY
LEA COUNTY, NEW MEXICO

Well ID *TOC Elevation*	Collection Date	Depth to Groundwater (ft TOC)	Depth to LNAPL (ft TOC)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft above MSL)	Well Depth (ft TOC)	Well Screen Interval (ft bgs)
RW-3	5/23/08	50.29	—	—	3640.57	—	—
(cont)	5/29/08	50.36	—	—	3640.50	—	—
	6/4/08	50.32	—	—	3640.54	—	—
	6/12/08	50.23	—	—	3640.63	—	—
	6/18/08	50.19	—	—	3640.67	—	—
	6/25/08	50.18	—	—	3640.68	—	—
	6/30/08	50.17	—	—	3640.69	—	—
	7/7/08	50.21	—	—	3640.65	—	—
	7/15/08	50.19	—	—	3640.67	—	—
	7/21/08	50.05	—	—	3640.81	—	—
	7/31/08	50.20	—	---	3640.66	—	—
	8/4/08	50.21	—	---	3640.65	—	—
	8/10/08	50.19	—	---	3640.67	—	—
	8/19/08	50.23	—	---	3640.63	—	—
	8/26/08	50.24	—	---	3640.62	—	—
	9/4/08	50.90	—	---	3639.96	—	—
	9/10/08	50.20	—	---	3640.66	—	—
	9/15/08	50.38	—	---	3640.48	—	—
	9/23/08	50.32	—	---	3640.54	—	—
	10/1/08	50.34	—	---	3640.52	—	—
	10/6/08	50.41	—	—	3640.45	—	—
	10/16/08	50.39	—	---	3640.47	—	—
	10/21/08	50.29	—	—	3640.57	—	—
	10/28/08	50.33	—	—	3640.53	—	—
	11/13/08	50.15	—	---	3640.71	—	—
	11/19/08	50.17	—	—	3640.69	—	—
	11/25/08	50.33	—	—	3640.53	—	—
	12/3/08	50.40	—	—	3640.46	—	—
	12/9/08	50.50	—	—	3640.36	—	—
	12/17/08	50.48	—	—	3640.38	—	—
	12/22/08	50.50	—	—	3640.36	—	—
	12/30/08	50.47	—	—	3640.39	—	—
	1/6/09	50.35	—	—	3640.51	—	—
	1/13/09	50.21	—	—	3640.65	—	—
	1/21/09	50.36	—	—	3640.50	—	—
	1/28/09	50.35	—	—	3640.51	—	—
	2/3/09	50.46	—	—	3640.40	—	—
	2/10/09	50.35	—	—	3640.51	—	—
	2/16/09	50.48	—	—	3640.38	—	—
	2/23/09	50.50	—	—	3640.36	—	—
	3/5/09	50.49	—	---	3640.37	—	—
	3/12/09	50.54	—	—	3640.32	—	—
	3/20/09	50.50	—	—	3640.36	—	—
	3/24/09	50.55	—	—	3640.31	—	—
	4/2/09	50.50	—	---	3640.36	—	—
	4/9/09	50.42	—	---	3640.44	—	—
	4/15/09	50.33	—	---	3640.53	—	—
	4/22/09	50.40	—	---	3640.46	—	—
	5/1/09	50.45	—	---	3640.41	—	—
	5/13/09	50.37	—	---	3640.49	—	—
	6/3/09	50.46	—	---	3640.40	—	—
	6/11/09	50.40	—	---	3640.46	—	—
	6/15/09	50.35	—	---	3640.51	—	—
	7/6/09	50.40	—	---	3640.46	—	—

TABLE I
GROUNDWATER GAUGING SUMMARY
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
FORMER NEW MEXICO "F" STATE TANK BATTERY
LEA COUNTY, NEW MEXICO

Well ID *TOC Elevation*	Collection Date	Depth to Groundwater (ft TOC)	Depth to LNAPL (ft TOC)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft above MSL)	Well Depth (ft TOC)	Well Screen Interval (ft bgs)
RW-3	7/22/09	50.42	—	---	3640.44	—	—
(cont)	8/12/09	50.58	—	---	3640.28	—	—
	8/26/09	50.51	—	---	3640.35	—	—
	9/9/09	50.52	—	---	3640.34	—	—
	9/23/09	50.55	—	---	3640.31	—	—
	10/7/09	50.52	—	---	3640.34	—	—
	10/21/09	50.48	—	---	3640.38	—	—
	11/4/09	50.53	—	---	3640.33	—	—
	11/19/09	50.50	—	---	3640.36	—	—
	12/2/09	50.51	—	---	3640.35	—	—
	12/17/09	50.59	—	---	3640.27	—	—
WW-1	6/11/02	66.35	---	---	3637.82	Unknown	Unknown
3704.17	6/5/03	68.25	---	---	3635.92	---	---
						---	---
WW-2	6/11/02	66.18	---	---	3637.66	Unknown	Unknown
3703.84	11/26/02	66.18	---	---	3637.66	---	---
	6/5/03	68.54	---	---	3635.30	---	---

Notes:

1. Data through June 6, 2005 provided by Larson & Associates, Inc.
2. TOC - Top of Casing.
3. MSL - Mean Sea Level.
4. bgs - Below ground surface.
5. Corrected groundwater elevations from July 1998 to December 2006 were calculated using LNAPL specific gravity of 0.88.
6. Corrected groundwater elevations from January 2007 to December 2007 were calculated using LNAPL specific gravity of 0.897.
7. MW-1, MW-2 and MW-9 were plugged and abandoned and replaced with RW-1, RW-2 and RW-3 in November 1999.
8. Monitor wells (MWs) are 2-inch in diameter; Recovery wells (RWs) are 4-inch in diameter.

TABLE II
GROUNDWATER ANALYTICAL SUMMARY
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
FORMER NEW MEXICO "F" STATE TANK BATTERY
LEA COUNTY, NEW MEXICO

Sample ID	Sample Date	Benzene[1]	Toluene[1]	Ethyl-benzene[1]	Total Xylenes[1]	Chloride[2]
New Mexico Water Quality Control Commission Groundwater Standard		0.01	0.75	0.75	0.62	250
MW-3	7/28/98	**0.003**	<0.001	<0.001	**0.002**	**36.0**
	2/16/01	<0.005	<0.005	<0.005	<0.005	**31**
	6/12/02	<0.005	<0.005	<0.005	<0.005	**27.1**
	11/26/03	<0.001	<0.001	<0.001	<0.001	**31.9**
	6/6/03	<0.001	<0.001	<0.001	<0.001	**27.5**
	12/4/03	<0.001	<0.001	<0.001	**0.0017**	**26.1**
	7/2/04	<0.005	<0.005	<0.005	<0.005	**28.0**
	12/21/04	<0.005	<0.005	<0.005	<0.005	**32.3**
	6/6/05	<0.00100	<0.00100	<0.00100	<0.00100	**34.3**
	12/13/05	<0.005	<0.005	<0.005	<0.010	**29.3**
	6/27/06	<0.000500	<0.000500	<0.000500	<0.001	**31.1**
	12/19/06	<0.005	<0.005	<0.005	<0.001	**28.0**
	6/27/07	<0.000500	<0.000500	<0.000500	<0.00100	**31**
	12/14/07	<0.000500	<0.000500	<0.000500	<0.00100	**30.9**
	6/5/08	<0.00037	<0.00039	<0.00042	<0.00035	**29.5**
DUP	11/14/08	<0.00037	<0.00039	<0.00042	<0.00035	**32**
	11/14/08	<0.00037	<0.00039	<0.00042	<0.00035	**32**
	6/16/09	<0.00037	<0.00039	<0.00042	<0.00035	**35**
DUP	6/16/09	<0.00037	<0.00039	<0.00042	<0.00035	**36**
	11/20/09	<0.00037	<0.00039	<0.00042	<0.00035	**40**
MW-4	7/28/98	<0.001	<0.001	<0.001	<0.001	**94.0**
	2/16/01	<0.005	<0.005	<0.005	**0.008**	**170**
	6/12/02	<0.005	<0.005	<0.005	<0.005	**85.6**
	11/26/03	**0.002**	<0.001	<0.001	<0.005	**160.0**
	6/6/03	<0.001	<0.001	<0.001	**0.0026**	**111.0**
	12/4/03	**0.0015**	<0.001	<0.001	<0.001	**104.0**
	7/2/04	<0.001	<0.001	<0.001	<0.001	**72.4**
	12/21/04	<0.005	<0.005	<0.005	<0.005	**59.7**
	6/6/05	<0.00100	<0.00100	<0.00100	<0.00100	**58.4**
	12/13/05	<0.005	<0.005	<0.005	<0.010	**55.3**
	6/27/06	**0.000597**	<0.000500	<0.000500	<0.001	**48.8**
	12/19/06	<0.005	<0.005	<0.005	<0.001	**34.0**
	6/27/07	<0.000500	<0.000500	<0.000500	<0.00100	**39**
	12/13/07	0.000968	<0.000500	<0.000500	0.00254	**63.1**
	6/5/08	<0.00037	<0.00039	<0.00042	<0.00035	**61.0**
	11/14/08	<0.00037	<0.00039	<0.00042	<0.00035	**52**
	6/16/09	<0.00037	<0.00039	<0.00042	<0.00035	**59**
	11/20/09	<0.00037	<0.00039	<0.00042	<0.00035	**58**
MW-5	7/28/98	<0.001	<0.001	<0.001	<0.001	**360.0**
	2/16/01	<0.005	<0.005	<0.005	<0.005	**120**
	6/12/02	<0.005	<0.005	<0.005	<0.005	**90.2**
	11/26/03	**0.002**	<0.001	**0.003**	<0.002	**59.1**
	6/6/03	<0.001	<0.001	<0.001	<0.001	**48.6**
	12/4/03	<0.001	<0.001	<0.001	<0.001	**36.5**
	7/2/04	<0.005	<0.005	<0.005	<0.005	**32.9**
	12/21/04	<0.005	<0.005	<0.005	<0.005	**39.8**
	6/6/05	<0.00100	<0.00100	<0.00100	<0.00100	**41.1**
	12/13/05	<0.005	<0.005	<0.005	<0.010	**39.7**
	6/27/06	<0.000500	<0.000500	<0.000500	<0.001	**43.2**
	12/19/06	<0.005	<0.005	<0.005	<0.001	**51.0**
	6/27/07	<0.000500	<0.000500	<0.000500	<0.00100	**67**
	12/14/07	<0.000500	<0.000500	<0.000500	<0.00100	**101**
	6/4/08	<0.00037	<0.00039	<0.00042	<0.00035	**78.7**

TABLE II
GROUNDWATER ANALYTICAL SUMMARY
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
FORMER NEW MEXICO "F" STATE TANK BATTERY
LEA COUNTY, NEW MEXICO

Sample ID	Sample Date	Benzene[1]	Toluene[1]	Ethyl-benzene[1]	Total Xylenes[1]	Chloride[2]
	New Mexico Water Quality Control Commission Groundwater Standard	0.01	0.75	0.75	0.62	250
MW-5	11/14/08	<0.00037	<0.00039	<0.00042	<0.00035	100
(cont)	6/16/09	<0.00037	<0.00039	<0.00042	<0.00035	140
	11/20/09	<0.00037	<0.00039	<0.00042	<0.00035	110
MW-6	7/28/98	<0.001	<0.001	<0.001	<0.001	43.0
	2/16/01	<0.005	<0.005	0.006	0.006	52
	6/12/02	<0.001	<0.001	<0.001	<0.001	54.1
	11/26/03	<0.001	<0.001	<0.001	<0.002	65.0
	6/6/03	<0.001	<0.001	<0.001	<0.001	43.7
	12/4/03	<0.001	<0.001	<0.001	<0.001	45.3
	7/2/04	<0.001	<0.001	<0.001	<0.001	57.5
	12/21/04	<0.005	<0.005	<0.005	<0.005	61.3
	6/6/05	<0.00100	<0.00100	<0.00100	<0.00100	66.7
	12/13/05	<0.005	<0.005	<0.005	<0.010	80.9
	6/27/06	<0.000500	<0.000500	<0.000500	<0.001	86.4
	12/19/06	<0.005	<0.005	<0.005	<0.001	88.0
	3/16/07	<0.000500	<0.000500	<0.000500	<0.001	92.2
	6/27/07	<0.000500	<0.000500	<0.000500	<0.00100	110
	9/27/07	<0.000500	<0.000500	<0.000500	<0.00100	99.5
	12/14/07	<0.000500	<0.000500	<0.000500	<0.00100	99.2
	3/6/08	<0.000370	<0.000390	<0.000420	<0.000350	88.8
	6/4/08	<0.00037	<0.00039	<0.00042	<0.00035	117
	9/4/08	<0.00037	<0.00039	<0.00042	<0.00035	130
	11/14/08	<0.00037	<0.00039	<0.00042	<0.00035	130
	3/5/09	<0.00037	<0.00039	<0.00042	<0.00035	140
	6/16/09	<0.00037	<0.00039	<0.00042	<0.00035	160
	9/9/09	<0.00037	<0.00039	<0.00042	<0.00035	160
	11/20/09	<0.00037	<0.00039	<0.00042	<0.00035	140
MW-7	7/28/98	<0.001	<0.001	<0.001	<0.001	82.0
	2/16/01	<0.005	<0.005	<0.005	<0.005	150
	6/12/02	<0.005	<0.005	<0.005	<0.005	96.7
	11/26/03	<0.001	<0.001	<0.001	<0.002	133.0
	6/6/03	<0.001	<0.001	<0.001	<0.001	199.0
	12/4/03	<0.001	<0.001	<0.001	<0.001	230.0
	7/2/04	<0.001	<0.001	<0.001	<0.001	215.0
	12/21/04	<0.005	<0.005	<0.005	<0.005	274.0
	6/6/05	<0.00100	<0.00100	<0.00100	<0.00100	221.0
	12/13/05	<0.005	<0.005	<0.005	<0.010	204.0
	6/27/06	<0.000500	<0.000500	<0.000500	<0.001	158.0
	12/19/06	<0.005	<0.005	<0.005	<0.001	130.0
	6/27/07	<0.000500	<0.000500	<0.000500	<0.00100	110
	12/13/07	<0.000500	<0.000500	<0.000500	<0.00100	135
	6/5/08	<0.00037	<0.00039	<0.00042	<0.00035	72.4
	11/14/08	<0.00037	<0.00039	<0.00042	<0.00035	66
	6/16/09	<0.00037	<0.00039	<0.00042	<0.00035	58
	11/20/09	<0.00037	<0.00039	<0.00042	<0.00035	47
MW-8	7/28/98	<0.001	<0.001	<0.001	<0.001	29.0
	2/16/01	<0.005	<0.005	<0.005	<0.005	94
	6/12/02	<0.005	<0.005	<0.005	<0.005	180.0
	11/26/03	<0.001	<0.001	<0.001	<0.002	239.0
	6/6/03	<0.001	<0.001	<0.001	<0.001	244.0
	12/4/03	<0.001	<0.001	<0.001	<0.001	251.0
	7/2/04	<0.005	<0.005	<0.005	<0.005	206.0
	12/21/04	<0.005	<0.005	<0.005	<0.005	244.0

TABLE II
GROUNDWATER ANALYTICAL SUMMARY
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
FORMER NEW MEXICO "F" STATE TANK BATTERY
LEA COUNTY, NEW MEXICO

Sample ID	Sample Date	Benzene[1]	Toluene[1]	Ethyl-benzene[1]	Total Xylenes[1]	Chloride[2]
New Mexico Water Quality Control Commission Groundwater Standard		0.01	0.75	0.75	0.62	250
MW-8	6/6/05	<0.00100	<0.00100	<0.00100	<0.00100	**227.0**
(cont)	12/13/05	<0.005	<0.005	<0.005	<0.010	**144.0**
	6/27/06	<0.000500	<0.000500	<0.000500	<0.001	**92.6**
	12/19/06	<0.005	<0.005	<0.005	<0.001	**83.0**
	6/27/07	<0.000500	<0.000500	<0.000500	<0.00100	**79**
	12/13/07	<0.000500	<0.000500	<0.000500	<0.00100	**82.9**
	6/4/08	<0.00037	<0.00039	<0.00042	<0.00035	**54.9**
	11/14/08	<0.00037	<0.00039	<0.00042	<0.00035	**47**
	6/16/09	<0.00037	<0.00039	<0.00042	<0.00035	**45**
	11/20/09	<0.00037	<0.00039	<0.00042	<0.00035	**36**
WW-1	7/28/98	<0.001	<0.001	<0.001	<0.001	**100.0**
	6/12/02	<0.001	<0.001	<0.001	<0.001	**43.6**
	11/26/02	<0.001	<0.001	<0.001	<0.002	**80.0**
	6/6/03	<0.001	<0.001	<0.001	<0.001	**73.4**
	12/4/03	<0.001	<0.001	<0.001	<0.001	**65.3**
	7/2/04	<0.001	<0.001	<0.001	<0.001	**66.5**
	12/21/04	<0.005	<0.005	<0.005	<0.005	**74.3**
	6/6/05	<0.00100	<0.00100	<0.00100	<0.00100	**63.4**
	12/13/05	<0.005	<0.005	<0.005	<0.010	**41.1**
	6/27/06	<0.000500	<0.000500	<0.000500	<0.001	**50.0**
	12/19/06	<0.005	<0.005	<0.005	<0.001	**80.0**
	6/27/07	<0.000500	<0.000500	<0.000500	<0.00100	**52**
	12/14/07	<0.000500	<0.000500	<0.000500	<0.00100	**59.8**
	6/4/08	<0.00037	<0.00039	<0.00042	<0.00035	**64.1**
DUP	6/4/08	<0.00037	<0.00039	<0.00042	<0.00035	**64.4**
	11/14/08	<0.00037	<0.00039	<0.00042	<0.00035	**73**
	6/17/09	<0.00037	<0.00039	<0.00042	<0.00035	**60**
	11/20/09	<0.00037	<0.00039	<0.00042	<0.00035	**64**
WW-2	6/12/02	<0.001	<0.001	<0.001	<0.001	**53.7**
	11/26/02	<0.001	<0.001	<0.001	<0.002	**70.9**
	6/6/03	<0.001	<0.001	<0.001	<0.001	**71.1**
	12/4/03	<0.001	<0.001	<0.001	<0.001	**52.4**
	7/2/04	<0.001	<0.001	<0.001	<0.001	**51.0**
	12/21/04	<0.005	<0.005	<0.005	<0.005	**55.6**
	6/6/05	<0.00100	<0.00100	<0.00100	<0.00100	**55.3**
	12/13/05	<0.005	<0.005	<0.005	<0.010	**75.3**
	6/27/06	<0.000500	<0.000500	<0.000500	<0.001	**69.7**
	12/19/06	<0.005	<0.005	<0.005	<0.001	**57.0**
	6/27/07	<0.000500	<0.000500	<0.000500	<0.00100	**46**
	12/14/07	<0.000500	<0.000500	<0.000500	<0.00100	**83.1**
	6/4/08	<0.00037	<0.00039	<0.00042	<0.00035	**65.9**
	11/14/08	<0.00037	<0.00039	<0.00042	<0.00035	**73**
	6/17/09	<0.00037	<0.00039	<0.00042	<0.00035	**60**
	11/20/09	Not Sampled		Pump not working		
RW-1	6/5/08	**0.0119**	<0.0039	<0.0042	<0.0035	**36.2**
	6/17/09	**0.012**	**0.0055**	**0.0018**	**0.012**	**49**
RW-2	6/27/07	**0.00287**	<0.0025	<0.00250	**0.0303**	**60**
	6/5/08	<0.0037	<0.0039	<0.0042	<0.0035	**51.1**
	6/17/09	<0.00037	**0.0046**	<0.00042	**0.016**	**44**

TABLE II
GROUNDWATER ANALYTICAL SUMMARY
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
FORMER NEW MEXICO "F" STATE TANK BATTERY
LEA COUNTY, NEW MEXICO

Sample ID	Sample Date	Benzene[1]	Toluene[1]	Ethyl-benzene[1]	Total Xylenes[1]	Chloride[2]
New Mexico Water Quality Control Commission Groundwater Standard		0.01	0.75	0.75	0.62	250
RW-3	6/11/02	<0.005	<0.005	<0.005	<0.005	**25.9**
	12/3/04	<0.001	<0.001	<0.001	<0.001	**36.6**
	6/27/07	**0.00855**	<0.00250	**0.0122**	**0.0270**	**130**
	6/5/08	<0.0037	<0.0039	<0.0042	**0.0129**	**90.6**
	6/17/09	**0.0052**	**0.0042**	**0.011**	**0.0250**	**74**
	11/20/09	<0.00037	**0.001**	**0.0027**	**0.0076**	**60**
Dup	11/20/09	<0.00037	**0.0013**	**0.003**	**0.0080**	**60**

Notes:

1. Result shown in mg/L.
2. Data through June 6, 2005 provided by Larson & Associates, Inc.
3. Bold indicates detection above method detection limit.
4. Shaded cells indicate New Mexico Water Quality Control Commission (NMWQCC) exceedance.
5. [1]Human Health Standards for Groundwater.
6. [2]Other Standards for Domestic Water Supply.

TABLE III

SUMMARY OF FIELD DUPLICATE SAMPLE RESULTS
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
F STATE
LEA COUNTY, NEW MEXICO

Date	Original Sample ID	Sample Result (mg/L)	Duplicate Sample ID	Sample Result (mg/L)	RPD
6/16/2009	MW-3-061609		DUP-061609		
	Chloride	35	Chloride	36	3
11/20/2009	RW-3-112009		DUP-112009		
	Toluene	0.001	Toluene	0.0013	26
	Ethylbenzene	0.0027	Ethylbenzene	0.003	11
	Total Xylenes	0.0076	Total Xylenes	0.0080	5
	Chloride	60	Chloride	60	0

APPENDIX A

CERTIFIED LABORATORY REPORTS

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 600-8014-1

Job Description: NW-F State

For:
Conestoga-Rovers & Associates, Inc.
2135 South Loop 250 West
Midland, TX 79703

Attention: Mr. Todd Wells

Krissinda Richard

Approved for release.
Krissinda N Richards
Data Review Analyst I
3/13/2009 9:10 AM

Designee for
Sachin G Kudchadkar
Project Manager II
sachin.kudchadkar@testamericainc.com
03/13/2009

The test results in this report meet all NELAP requirements unless specified within the case narrative. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Project Manager.

TestAmerica Houston Certifications and Approvals: TX NELAP T104704223-06-TX, ARDEQ 88-0759, LADEQ 01967, OKDEQ 9503, UT DOH GULF

TestAmerica Laboratories, Inc.
TestAmerica Houston 6310 Rothway Street, Houston, TX 77040
Tel (713) 690-4444 Fax (713) 690-5646 www.testamericainc.com

ACCREDITED IN ACCORDANCE WITH nelac

EXECUTIVE SUMMARY - Detections

Client: Conestoga-Rovers & Associates, Inc. Job Number: 600-8014-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
600-8014-1	**MW-6**				
Chloride		140	4.0	mg/L	300.0

METHOD SUMMARY

Client: Conestoga-Rovers & Associates, Inc. Job Number: 600-8014-1

Description	Lab Location	Method	Preparation Method
Matrix Water			
Volatile Organic Compounds (GC)	TAL HOU	SW846 8021B	
Purge and Trap	TAL HOU		SW846 5030B
Anions, Ion Chromatography	TAL HOU	MCAWW 300.0	

Lab References:

TAL HOU = TestAmerica Houston

Method References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: Conestoga-Rovers & Associates, Inc. Job Number: 600-8014-1

Method	Analyst	Analyst ID
SW846 8021B	Tobias, Merlin H	MHT
MCAWW 300.0	Puranik, Surendra U	SUP

SAMPLE SUMMARY

Client: Conestoga-Rovers & Associates, Inc. Job Number: 600-8014-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
600-8014-1	MW-6	Water	03/05/2009 1120	03/06/2009 0919

SAMPLE RESULTS

Mr. Todd Wells
Conestoga-Rovers & Associates, Inc.
2135 South Loop 250 West
Midland, TX 79703

Job Number: 600-8014-1

Client Sample ID: MW-6
Lab Sample ID: 600-8014-1

Date Sampled: 03/05/2009 1120
Date Received: 03/06/2009 0919
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8021B			Date Analyzed:		03/06/2009 1100	
Prep Method: 5030B			Date Prepared:		03/06/2009 1100	
Benzene	0.37	U	ug/L	0.37	1.0	1.0
Toluene	0.39	U	ug/L	0.39	1.0	1.0
Ethylbenzene	0.42	U	ug/L	0.42	1.0	1.0
m-Xylene & p-Xylene	0.73	U	ug/L	0.73	2.0	1.0
o-Xylene	0.35	U	ug/L	0.35	1.0	1.0
Xylenes, Total	0.35	U	ug/L	0.35	1.0	1.0
Surrogate					Acceptance Limits	
4-Bromofluorobenzene	94		%		64 - 136	
a,a,a-Trifluorotoluene	96		%		70 - 135	
Method: 300.0			Date Analyzed:		03/09/2009 1715	
Chloride	140		mg/L	1.0	4.0	10

DATA REPORTING QUALIFIERS

Client: Conestoga-Rovers & Associates, Inc. Job Number: 600-8014-1

Lab Section	Qualifier	Description
GC VOA		
	U	Indicates the analyte was analyzed for but not detected.
General Chemistry		
	U	Indicates the analyte was analyzed for but not detected.

QUALITY CONTROL RESULTS

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 600-8014-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC VOA					
Analysis Batch:600-11538					
LCS 600-11538/1	Lab Control Spike	T	Water	8021B	
LCSD 600-11538/4	Lab Control Spike Duplicate	T	Water	8021B	
MB 600-11538/2	Method Blank	T	Water	8021B	
600-8014-1	MW-6	T	Water	8021B	
600-8014-1MS	Matrix Spike	T	Water	8021B	
600-8014-1MSD	Matrix Spike Duplicate	T	Water	8021B	

Report Basis
T = Total

General Chemistry					
Analysis Batch:600-11621					
LCS 600-11621/26	Lab Control Spike	T	Water	300.0	
MB 600-11621/27	Method Blank	T	Water	300.0	
600-8014-1	MW-6	T	Water	300.0	
600-8014-1DU	Duplicate	T	Water	300.0	
600-8014-1MS	Matrix Spike	T	Water	300.0	

Report Basis
T = Total

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 600-8014-1

Surrogate Recovery Report

8021B Volatile Organic Compounds (GC)

Client Matrix: Water

Lab Sample ID	Client Sample ID	BFB1 %Rec	TFT1 %Rec	TFT2 %Rec
600-8014-1	MW-6	94	96	
MB 600-11538/2		95	97	
LCS 600-11538/1		91		97
LCSD 600-11538/4		93		102
600-8014-1 MS	MW-6 MS	93		100
600-8014-1 MSD	MW-6 MSD	93		100

Surrogate	Acceptance Limits
BFB = 4-Bromofluorobenzene	64-136
TFT = a,a,a-Trifluorotoluene	70-135

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 600-8014-1

Method Blank - Batch: 600-11538

Method: 8021B
Preparation: 5030B

Lab Sample ID: MB 600-11538/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/06/2009 0857
Date Prepared: 03/06/2009 0857

Analysis Batch: 600-11538
Prep Batch: N/A
Units: ug/L

Instrument ID: GCVOA-02
Lab File ID: A030409_046.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result	Qual	MDL	RL
Benzene	0.37	U	0.37	1.0
Toluene	0.39	U	0.39	1.0
Ethylbenzene	0.42	U	0.42	1.0
m-Xylene & p-Xylene	0.73	U	0.73	2.0
o-Xylene	0.35	U	0.35	1.0
Xylenes, Total	0.35	U	0.35	1.0

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	95	64 - 136
a,a,a-Trifluorotoluene	97	70 - 135

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 600-8014-1

Lab Control Spike/
Lab Control Spike Duplicate Recovery Report - Batch: 600-11538

Method: 8021B
Preparation: 5030B

LCS Lab Sample ID:	LCS 600-11538/1	Analysis Batch:	600-11538	Instrument ID:	GCVOA-02
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	B030409_045.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	5 mL
Date Analyzed:	03/06/2009 0837			Final Weight/Volume:	5 mL
Date Prepared:	03/06/2009 0837			Injection Volume:	
				Column ID:	PRIMARY

LCSD Lab Sample ID:	LCSD 600-11538/4	Analysis Batch:	600-11538	Instrument ID:	GCVOA-02
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	B030409_048.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	5 mL
Date Analyzed:	03/06/2009 1039			Final Weight/Volume:	5 mL
Date Prepared:	03/06/2009 1039			Injection Volume:	
				Column ID:	PRIMARY

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Benzene	93		72 - 134				
Toluene	94		76 - 131				
Ethylbenzene	93		75 - 131				
m-Xylene & p-Xylene	93		73 - 130				
o-Xylene	94		74 - 129				

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
4-Bromofluorobenzene	91	93	64 - 136
a,a,a-Trifluorotoluene	97	102	70 - 135

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 600-8014-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 600-11538

Method: 8021B
Preparation: 5030B

MS Lab Sample ID:	600-8014-1	Analysis Batch: 600-11538	Instrument ID: GCVOA-02
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: B030409_050.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	03/06/2009 1214		Final Weight/Volume: 5 mL
Date Prepared:	03/06/2009 1214		Injection Volume:
			Column ID: PRIMARY
MSD Lab Sample ID:	600-8014-1	Analysis Batch: 600-11538	Instrument ID: GCVOA-02
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: B030409_051.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	03/06/2009 1234		Final Weight/Volume: 5 mL
Date Prepared:	03/06/2009 1234		Injection Volume:
			Column ID: PRIMARY

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzene	105	103	39 - 150	2	20		
Toluene	108	104	46 - 148	4	20		
Ethylbenzene	107	105	32 - 160	2	20		
m-Xylene & p-Xylene	107	104	77 - 128	3	20		
o-Xylene	106	103	74 - 125	2	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
4-Bromofluorobenzene	93	93	64 - 136
a,a,a-Trifluorotoluene	100	100	70 - 135

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 600-8014-1

Method Blank - Batch: 600-11621

Method: 300.0
Preparation: N/A

Lab Sample ID: MB 600-11621/27
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/09/2009 1555
Date Prepared: N/A

Analysis Batch: 600-11621
Prep Batch: N/A
Units: mg/L

Instrument ID: ICS20000
Lab File ID: N/A
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Chloride	0.10	U	0.10	0.40

Lab Control Spike - Batch: 600-11621

Method: 300.0
Preparation: N/A

Lab Sample ID: LCS 600-11621/26
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/09/2009 1615
Date Prepared: N/A

Analysis Batch: 600-11621
Prep Batch: N/A
Units: mg/L

Instrument ID: ICS20000
Lab File ID: N/A
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloride	20.0	19.3	97	90 - 110	

Matrix Spike - Batch: 600-11621

Method: 300.0
Preparation: N/A

Lab Sample ID: 600-8014-1
Client Matrix: Water
Dilution: 10
Date Analyzed: 03/09/2009 1755
Date Prepared: N/A

Analysis Batch: 600-11621
Prep Batch: N/A
Units: mg/L

Instrument ID: ICS20000
Lab File ID: N/A
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
Chloride	140	100	226	91	90 - 110	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 600-8014-1

Duplicate - Batch: 600-11621

Method: 300.0
Preparation: N/A

Lab Sample ID: 600-8014-1
Client Matrix: Water
Dilution: 10
Date Analyzed: 03/09/2009 1735
Date Prepared: N/A

Analysis Batch: 600-11621
Prep Batch: N/A
Units: mg/L

Instrument ID: ICS20000
Lab File ID: N/A
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Chloride	140	136	0	20	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Chain of Custody Record

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☒

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Loc: 600
8014
#1

TAL-4124 (1007)

600-8014-D-1

Client	Project Manager	Date	Chain of Custody Number
CRA	Todd Wells	3-5-09	091978
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page 1 of 1**
2135 S. Loop 250 W.	(432) 686-0080 / (432) 686-0186	Houston	
City / State / Zip Code	**Site Contact**	**Lab Contact**	**Analysis (Attach list if more space is needed)**
Midland / TX / 79703	Todd Wells	Sachin Kudchadkar	
Project Name and Location (State)	**Carrier/Waybill Number**		
NM E-State #039122			
Contract/Purchase Order/Quote No.			
4011413			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Ice	BTEX 8021B	Chloride 300.0
MW-6	3-5-09	11:20		X						X			X	X	X

Special Instructions/ Conditions of Receipt

Page 17 of 18

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☒ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: Todd Wells	3-5-09	16:30	1. Received By		
2. Relinquished By			2. Received By: Michael C Clark	3-6-09	0919
3. Relinquished By			3. Received By		

Comments

03/13/2009

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

Login Sample Receipt Check List

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 600-8014-1

Login Number: 8014

List Source: TestAmerica Houston

Creator: Clarke, Michael (Mike) C

List Number: 1

Question	T / F/ NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	4.0
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	

Chain of Custody Record

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☒

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Loc: 600
8014
#1
600-8014-D-1

TAL-4124 (1007)

Client: CRA	Project Manager: Todd Wells	Date: 3-5-09	Chain of Custody Number: 091978
Address: 2135 S. Loop 250 W.	Telephone Number (Area Code)/Fax Number: (432) 686-0086 / (432) 686-0186		Lab Number: Houston
City: Midland / State: TX / Zip Code: 79703	Site Contact: Todd Wells	Lab Contact: Sachin Kudchadkar	Page 1 of 1
Project Name and Location (State): NM E-State #039122	Carrier/Waybill Number:		
Contract/Purchase Order/Quote No.: 4011413			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Ice	BTEX 8021B	Chloride 300.0
MW-6	3-5-09	11:20		X						X			X	X	X

Analysis (Attach list if more space is needed)

Special Instructions/ Conditions of Receipt

Possible Hazard Identification: ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☒ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: Todd Wells	3-5-09	16:30	1. Received By		
2. Relinquished By			2. Received By: Michael C Ruch	3-6-09	0919
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 600-11799-1

Job Description: New Mexico "F" State- Monument, NM

For:
Conestoga-Rovers & Associates, Inc.
2135 South Loop 250 West
Midland, TX 79703

Attention: Mr. Todd Wells

Krissinda Richard

Approved for release.
Krissinda N Richards
Data Review Analyst I
6/29/2009 8:44 AM

Designee for
Sachin G Kudchadkar
Project Manager II
sachin.kudchadkar@testamericainc.com
06/29/2009

The test results in this report meet all NELAP requirements unless specified within the case narrative. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Project Manager.

TestAmerica Houston Certifications and Approvals: TX NELAP T104704223-06-TX, ARDEQ 88-0759, LADEQ 01967, OKDEQ 9503, UT DOH GULF

TestAmerica Laboratories, Inc.
TestAmerica Houston 6310 Rothway Street, Houston, TX 77040
Tel (713) 690-4444 Fax (713) 690-5646 www.testamericainc.com

ACCREDITED IN ACCORDANCE WITH nelac

EXECUTIVE SUMMARY - Detections

Client: Conestoga-Rovers & Associates, Inc. Job Number: 600-11799-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
600-11799-1	**RW-1-061709**				
Benzene		12	1.0	ug/L	8021B
Toluene		5.5	1.0	ug/L	8021B
Ethylbenzene		1.8	1.0	ug/L	8021B
m-Xylene & p-Xylene		12	2.0	ug/L	8021B
Xylenes, Total		12	1.0	ug/L	8021B
Total BTEX		35	1.0	ug/L	8021B
Chloride		49	0.40	mg/L	300.0
600-11799-2	**RW-2-061709**				
Toluene		4.6	1.0	ug/L	8021B
m-Xylene & p-Xylene		16	2.0	ug/L	8021B
Xylenes, Total		16	1.0	ug/L	8021B
Total BTEX		24	1.0	ug/L	8021B
Chloride		44	0.40	mg/L	300.0
600-11799-3	**RW-3-061709**				
Benzene		5.2	1.0	ug/L	8021B
Toluene		4.2	1.0	ug/L	8021B
Ethylbenzene		11	1.0	ug/L	8021B
m-Xylene & p-Xylene		25	2.0	ug/L	8021B
Xylenes, Total		25	1.0	ug/L	8021B
Total BTEX		44	1.0	ug/L	8021B
Chloride		74	4.0	mg/L	300.0
600-11799-4	**MW-3-061609**				
Chloride		35	0.40	mg/L	300.0
600-11799-5	**MW-4-061609**				
Chloride		59	4.0	mg/L	300.0
600-11799-6	**MW-5-061609**				
Chloride		140	4.0	mg/L	300.0
600-11799-7	**MW-6-061609**				
Chloride		160	4.0	mg/L	300.0

EXECUTIVE SUMMARY - Detections

Client: Conestoga-Rovers & Associates, Inc. Job Number: 600-11799-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
600-11799-8	**MW-7-061609**				
Chloride		58	4.0	mg/L	300.0
600-11799-9	**MW-8-061609**				
Chloride		45	0.40	mg/L	300.0
600-11799-10	**WW-1-061709**				
Chloride		60	4.0	mg/L	300.0
600-11799-11	**WW-2-061709**				
Chloride		60	4.0	mg/L	300.0
600-11799-12	**DUP-061609**				
Total BTEX		1.9	1.0	ug/L	8021B
Chloride		36	0.40	mg/L	300.0

METHOD SUMMARY

Client: Conestoga-Rovers & Associates, Inc. Job Number: 600-11799-1

Description	Lab Location	Method	Preparation Method
Matrix Water			
Volatile Organic Compounds (GC)	TAL HOU	SW846 8021B	
Purge and Trap	TAL HOU		SW846 5030B
Anions, Ion Chromatography	TAL HOU	MCAWW 300.0	

Lab References:

TAL HOU = TestAmerica Houston

Method References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: Conestoga-Rovers & Associates, Inc. Job Number: 600-11799-1

Method	Analyst	Analyst ID
SW846 8021B	Tobias, Merlin H	MHT
MCAWW 300.0	Puranik, Surendra U	SUP

SAMPLE SUMMARY

Client: Conestoga-Rovers & Associates, Inc. Job Number: 600-11799-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
600-11799-1	RW-1-061709	Water	06/17/2009 1300	06/19/2009 0930
600-11799-2	RW-2-061709	Water	06/17/2009 1200	06/19/2009 0930
600-11799-3	RW-3-061709	Water	06/17/2009 1120	06/19/2009 0930
600-11799-4	MW-3-061609	Water	06/16/2009 1500	06/19/2009 0930
600-11799-5	MW-4-061609	Water	06/16/2009 1420	06/19/2009 0930
600-11799-6	MW-5-061609	Water	06/16/2009 1445	06/19/2009 0930
600-11799-7	MW-6-061609	Water	06/16/2009 1515	06/19/2009 0930
600-11799-8	MW-7-061609	Water	06/16/2009 1430	06/19/2009 0930
600-11799-9	MW-8-061609	Water	06/16/2009 1530	06/19/2009 0930
600-11799-10	WW-1-061709	Water	06/17/2009 1330	06/19/2009 0930
600-11799-11	WW-2-061709	Water	06/17/2009 1340	06/19/2009 0930
600-11799-12	DUP-061609	Water	06/16/2009 0000	06/19/2009 0930
600-11799-13	TRIP BLANK	Water	06/16/2009 0000	06/19/2009 0930

SAMPLE RESULTS

Mr. Todd Wells
Conestoga-Rovers & Associates, Inc.
2135 South Loop 250 West
Midland, TX 79703

Job Number: 600-11799-1

Client Sample ID: **RW-1-061709**
Lab Sample ID: **600-11799-1**

Date Sampled: 06/17/2009 1300
Date Received: 06/19/2009 0930
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8021B			Date Analyzed:		06/23/2009 0956	
Prep Method: 5030B			Date Prepared:		06/23/2009 0956	
Benzene	12		ug/L	0.37	1.0	1.0
Toluene	5.5		ug/L	0.39	1.0	1.0
Ethylbenzene	1.8		ug/L	0.42	1.0	1.0
m-Xylene & p-Xylene	12		ug/L	0.73	2.0	1.0
o-Xylene	0.35	U	ug/L	0.35	1.0	1.0
Xylenes, Total	12		ug/L	0.35	1.0	1.0
Total BTEX	35		ug/L	0.35	1.0	1.0
Surrogate					Acceptance Limits	
4-Bromofluorobenzene	83		%		64 - 136	
a,a,a-Trifluorotoluene	96		%		70 - 135	
Method: 300.0			Date Analyzed:		06/24/2009 1833	
Chloride	49		mg/L	0.10	0.40	1.0

Mr. Todd Wells
Conestoga-Rovers & Associates, Inc.
2135 South Loop 250 West
Midland, TX 79703

Job Number: 600-11799-1

Client Sample ID: RW-2-061709
Lab Sample ID: 600-11799-2

Date Sampled: 06/17/2009 1200
Date Received: 06/19/2009 0930
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8021B			Date Analyzed:		06/23/2009 1016	
Prep Method: 5030B			Date Prepared:		06/23/2009 1016	
Benzene	0.37	U	ug/L	0.37	1.0	1.0
Toluene	4.6		ug/L	0.39	1.0	1.0
Ethylbenzene	0.42	U	ug/L	0.42	1.0	1.0
m-Xylene & p-Xylene	16		ug/L	0.73	2.0	1.0
o-Xylene	0.35	U	ug/L	0.35	1.0	1.0
Xylenes, Total	16		ug/L	0.35	1.0	1.0
Total BTEX	24		ug/L	0.35	1.0	1.0
Surrogate					Acceptance Limits	
4-Bromofluorobenzene	79		%		64 - 136	
a,a,a-Trifluorotoluene	115		%		70 - 135	
Method: 300.0			Date Analyzed:		06/24/2009 1953	
Chloride	44		mg/L	0.10	0.40	1.0

Mr. Todd Wells
Conestoga-Rovers & Associates, Inc.
2135 South Loop 250 West
Midland, TX 79703

Job Number: 600-11799-1

Client Sample ID: RW-3-061709
Lab Sample ID: 600-11799-3

Date Sampled: 06/17/2009 1120
Date Received: 06/19/2009 0930
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8021B			Date Analyzed:		06/23/2009 1036	
Prep Method: 5030B			Date Prepared:		06/23/2009 1036	
Benzene	5.2		ug/L	0.37	1.0	1.0
Toluene	4.2		ug/L	0.39	1.0	1.0
Ethylbenzene	11		ug/L	0.42	1.0	1.0
m-Xylene & p-Xylene	25		ug/L	0.73	2.0	1.0
o-Xylene	0.35	U	ug/L	0.35	1.0	1.0
Xylenes, Total	25		ug/L	0.35	1.0	1.0
Total BTEX	44		ug/L	0.35	1.0	1.0
Surrogate					Acceptance Limits	
4-Bromofluorobenzene	99		%		64 - 136	
a,a,a-Trifluorotoluene	120		%		70 - 135	
Method: 300.0			Date Analyzed:		06/24/2009 2053	
Chloride	74		mg/L	1.0	4.0	10

Mr. Todd Wells
Conestoga-Rovers & Associates, Inc.
2135 South Loop 250 West
Midland, TX 79703

Job Number: 600-11799-1

Client Sample ID: **MW-3-061609**
Lab Sample ID: **600-11799-4**

Date Sampled: 06/16/2009 1500
Date Received: 06/19/2009 0930
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8021B			Date Analyzed:		06/23/2009 1056	
Prep Method: 5030B			Date Prepared:		06/23/2009 1056	
Benzene	0.37	U	ug/L	0.37	1.0	1.0
Toluene	0.39	U	ug/L	0.39	1.0	1.0
Ethylbenzene	0.42	U	ug/L	0.42	1.0	1.0
m-Xylene & p-Xylene	0.73	U	ug/L	0.73	2.0	1.0
o-Xylene	0.35	U	ug/L	0.35	1.0	1.0
Xylenes, Total	0.35	U	ug/L	0.35	1.0	1.0
Total BTEX	0.35	U	ug/L	0.35	1.0	1.0
Surrogate					Acceptance Limits	
4-Bromofluorobenzene	80		%		64 - 136	
a,a,a-Trifluorotoluene	80		%		70 - 135	
Method: 300.0			Date Analyzed:		06/24/2009 2233	
Chloride	35		mg/L	0.10	0.40	1.0

Mr. Todd Wells
Conestoga-Rovers & Associates, Inc.
2135 South Loop 250 West
Midland, TX 79703

Job Number: 600-11799-1

Client Sample ID: MW-4-061609
Lab Sample ID: 600-11799-5

Date Sampled: 06/16/2009 1420
Date Received: 06/19/2009 0930
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8021B			Date Analyzed:		06/23/2009 1116	
Prep Method: 5030B			Date Prepared:		06/23/2009 1116	
Benzene	0.37	U	ug/L	0.37	1.0	1.0
Toluene	0.39	U	ug/L	0.39	1.0	1.0
Ethylbenzene	0.42	U	ug/L	0.42	1.0	1.0
m-Xylene & p-Xylene	0.73	U	ug/L	0.73	2.0	1.0
o-Xylene	0.35	U	ug/L	0.35	1.0	1.0
Xylenes, Total	0.35	U	ug/L	0.35	1.0	1.0
Total BTEX	0.35	U	ug/L	0.35	1.0	1.0
Surrogate					Acceptance Limits	
4-Bromofluorobenzene	75		%		64 - 136	
a,a,a-Trifluorotoluene	80		%		70 - 135	
Method: 300.0			Date Analyzed:		06/24/2009 2333	
Chloride	59		mg/L	1.0	4.0	10

Mr. Todd Wells
Conestoga-Rovers & Associates, Inc.
2135 South Loop 250 West
Midland, TX 79703

Job Number: 600-11799-1

Client Sample ID: MW-5-061609
Lab Sample ID: 600-11799-6

Date Sampled: 06/16/2009 1445
Date Received: 06/19/2009 0930
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8021B			Date Analyzed:		06/22/2009 1931	
Prep Method: 5030B			Date Prepared:		06/22/2009 1931	
Benzene	0.37	U	ug/L	0.37	1.0	1.0
Toluene	0.39	U	ug/L	0.39	1.0	1.0
Ethylbenzene	0.42	U	ug/L	0.42	1.0	1.0
m-Xylene & p-Xylene	0.73	U	ug/L	0.73	2.0	1.0
o-Xylene	0.35	U	ug/L	0.35	1.0	1.0
Xylenes, Total	0.35	U	ug/L	0.35	1.0	1.0
Total BTEX	0.35	U	ug/L	0.35	1.0	1.0
Surrogate					Acceptance Limits	
4-Bromofluorobenzene	81		%		64 - 136	
a,a,a-Trifluorotoluene	84		%		70 - 135	
Method: 300.0			Date Analyzed:		06/25/2009 0013	
Chloride	140		mg/L	1.0	4.0	10

Mr. Todd Wells
Conestoga-Rovers & Associates, Inc.
2135 South Loop 250 West
Midland, TX 79703

Job Number: 600-11799-1

Client Sample ID: **MW-6-061609**
Lab Sample ID: **600-11799-7**

Date Sampled: 06/16/2009 1515
Date Received: 06/19/2009 0930
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8021B			Date Analyzed:		06/22/2009 1951	
Prep Method: 5030B			Date Prepared:		06/22/2009 1951	
Benzene	0.37	U	ug/L	0.37	1.0	1.0
Toluene	0.39	U	ug/L	0.39	1.0	1.0
Ethylbenzene	0.42	U	ug/L	0.42	1.0	1.0
m-Xylene & p-Xylene	0.73	U	ug/L	0.73	2.0	1.0
o-Xylene	0.35	U	ug/L	0.35	1.0	1.0
Xylenes, Total	0.35	U	ug/L	0.35	1.0	1.0
Total BTEX	0.35	U	ug/L	0.35	1.0	1.0
Surrogate					Acceptance Limits	
4-Bromofluorobenzene	80		%		64 - 136	
a,a,a-Trifluorotoluene	81		%		70 - 135	
Method: 300.0			Date Analyzed:		06/25/2009 0133	
Chloride	160		mg/L	1.0	4.0	10

Mr. Todd Wells
Conestoga-Rovers & Associates, Inc.
2135 South Loop 250 West
Midland, TX 79703

Job Number: 600-11799-1

Client Sample ID: **MW-7-061609**
Lab Sample ID: **600-11799-8**

Date Sampled: 06/16/2009 1430
Date Received: 06/19/2009 0930
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8021B			Date Analyzed:		06/22/2009 2052	
Prep Method: 5030B			Date Prepared:		06/22/2009 2052	
Benzene	0.37	U	ug/L	0.37	1.0	1.0
Toluene	0.39	U	ug/L	0.39	1.0	1.0
Ethylbenzene	0.42	U	ug/L	0.42	1.0	1.0
m-Xylene & p-Xylene	0.73	U	ug/L	0.73	2.0	1.0
o-Xylene	0.35	U	ug/L	0.35	1.0	1.0
Xylenes, Total	0.35	U	ug/L	0.35	1.0	1.0
Total BTEX	0.35	U	ug/L	0.35	1.0	1.0
Surrogate					Acceptance Limits	
4-Bromofluorobenzene	77		%		64 - 136	
a,a,a-Trifluorotoluene	80		%		70 - 135	
Method: 300.0			Date Analyzed:		06/25/2009 0213	
Chloride	58		mg/L	1.0	4.0	10

Mr. Todd Wells
Conestoga-Rovers & Associates, Inc.
2135 South Loop 250 West
Midland, TX 79703

Job Number: 600-11799-1

Client Sample ID: **MW-8-061609**
Lab Sample ID: **600-11799-9**

Date Sampled: 06/16/2009 1530
Date Received: 06/19/2009 0930
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8021B			Date Analyzed:		06/22/2009 2112	
Prep Method: 5030B			Date Prepared:		06/22/2009 2112	
Benzene	0.37	U	ug/L	0.37	1.0	1.0
Toluene	0.39	U	ug/L	0.39	1.0	1.0
Ethylbenzene	0.42	U	ug/L	0.42	1.0	1.0
m-Xylene & p-Xylene	0.73	U	ug/L	0.73	2.0	1.0
o-Xylene	0.35	U	ug/L	0.35	1.0	1.0
Xylenes, Total	0.35	U	ug/L	0.35	1.0	1.0
Total BTEX	0.35	U	ug/L	0.35	1.0	1.0
Surrogate					Acceptance Limits	
4-Bromofluorobenzene	76		%		64 - 136	
a,a,a-Trifluorotoluene	79		%		70 - 135	
Method: 300.0			Date Analyzed:		06/25/2009 0233	
Chloride	45		mg/L	0.10	0.40	1.0

Mr. Todd Wells
Conestoga-Rovers & Associates, Inc.
2135 South Loop 250 West
Midland, TX 79703

Job Number: 600-11799-1

Client Sample ID: **WW-1-061709**
Lab Sample ID: **600-11799-10**

Date Sampled: 06/17/2009 1330
Date Received: 06/19/2009 0930
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8021B			Date Analyzed:		06/22/2009 2132	
Prep Method: 5030B			Date Prepared:		06/22/2009 2132	
Benzene	0.37	U	ug/L	0.37	1.0	1.0
Toluene	0.39	U	ug/L	0.39	1.0	1.0
Ethylbenzene	0.42	U	ug/L	0.42	1.0	1.0
m-Xylene & p-Xylene	0.73	U	ug/L	0.73	2.0	1.0
o-Xylene	0.35	U	ug/L	0.35	1.0	1.0
Xylenes, Total	0.35	U	ug/L	0.35	1.0	1.0
Total BTEX	0.35	U	ug/L	0.35	1.0	1.0
Surrogate					Acceptance Limits	
4-Bromofluorobenzene	77		%		64 - 136	
a,a,a-Trifluorotoluene	80		%		70 - 135	
Method: 300.0			Date Analyzed:		06/25/2009 0413	
Chloride	60		mg/L	1.0	4.0	10

Mr. Todd Wells
Conestoga-Rovers & Associates, Inc.
2135 South Loop 250 West
Midland, TX 79703

Job Number: 600-11799-1

Client Sample ID: **WW-2-061709**
Lab Sample ID: **600-11799-11**

Date Sampled: 06/17/2009 1340
Date Received: 06/19/2009 0930
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8021B			Date Analyzed:		06/22/2009 2152	
Prep Method: 5030B			Date Prepared:		06/22/2009 2152	
Benzene	0.37	U	ug/L	0.37	1.0	1.0
Toluene	0.39	U	ug/L	0.39	1.0	1.0
Ethylbenzene	0.42	U	ug/L	0.42	1.0	1.0
m-Xylene & p-Xylene	0.73	U	ug/L	0.73	2.0	1.0
o-Xylene	0.35	U	ug/L	0.35	1.0	1.0
Xylenes, Total	0.35	U	ug/L	0.35	1.0	1.0
Total BTEX	0.35	U	ug/L	0.35	1.0	1.0
Surrogate					Acceptance Limits	
4-Bromofluorobenzene	76		%		64 - 136	
a,a,a-Trifluorotoluene	80		%		70 - 135	
Method: 300.0			Date Analyzed:		06/25/2009 0533	
Chloride	60		mg/L	1.0	4.0	10

Mr. Todd Wells
Conestoga-Rovers & Associates, Inc.
2135 South Loop 250 West
Midland, TX 79703

Job Number: 600-11799-1

Client Sample ID: **DUP-061609**
Lab Sample ID: **600-11799-12**

Date Sampled: 06/16/2009 0000
Date Received: 06/19/2009 0930
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8021B			Date Analyzed:		06/23/2009 1136	
Prep Method: 5030B			Date Prepared:		06/23/2009 1136	
Benzene	0.37	U	ug/L	0.37	1.0	1.0
Toluene	0.39	U	ug/L	0.39	1.0	1.0
Ethylbenzene	0.42	U	ug/L	0.42	1.0	1.0
m-Xylene & p-Xylene	0.73	U	ug/L	0.73	2.0	1.0
o-Xylene	0.35	U	ug/L	0.35	1.0	1.0
Xylenes, Total	0.35	U	ug/L	0.35	1.0	1.0
Total BTEX	1.9		ug/L	0.35	1.0	1.0
Surrogate					Acceptance Limits	
4-Bromofluorobenzene	83		%		64 - 136	
a,a,a-Trifluorotoluene	80		%		70 - 135	
Method: 300.0			Date Analyzed:		06/25/2009 0553	
Chloride	36		mg/L	0.10	0.40	1.0

Mr. Todd Wells
Conestoga-Rovers & Associates, Inc.
2135 South Loop 250 West
Midland, TX 79703

Job Number: 600-11799-1

Client Sample ID: **TRIP BLANK**
Lab Sample ID: **600-11799-13**

Date Sampled: 06/16/2009 0000
Date Received: 06/19/2009 0930
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8021B			Date Analyzed:		06/22/2009 2232	
Prep Method: 5030B			Date Prepared:		06/22/2009 2232	
Benzene	0.37	U	ug/L	0.37	1.0	1.0
Toluene	0.39	U	ug/L	0.39	1.0	1.0
Ethylbenzene	0.42	U	ug/L	0.42	1.0	1.0
m-Xylene & p-Xylene	0.73	U	ug/L	0.73	2.0	1.0
o-Xylene	0.35	U	ug/L	0.35	1.0	1.0
Xylenes, Total	0.35	U	ug/L	0.35	1.0	1.0
Total BTEX	0.35	U	ug/L	0.35	1.0	1.0
Surrogate					Acceptance Limits	
4-Bromofluorobenzene	75		%		64 - 136	
a,a,a-Trifluorotoluene	80		%		70 - 135	

DATA REPORTING QUALIFIERS

Client: Conestoga-Rovers & Associates, Inc. Job Number: 600-11799-1

Lab Section	Qualifier	Description
GC VOA		
	U	Indicates the analyte was analyzed for but not detected.
General Chemistry		
	U	Indicates the analyte was analyzed for but not detected.

QUALITY CONTROL RESULTS

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 600-11799-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC VOA					
Analysis Batch:600-16824					
LCS 600-16824/1	Lab Control Sample	T	Water	8021B	
MB 600-16824/2	Method Blank	T	Water	8021B	
600-11799-1	RW-1-061709	T	Water	8021B	
600-11799-2	RW-2-061709	T	Water	8021B	
600-11799-3	RW-3-061709	T	Water	8021B	
600-11799-4	MW-3-061609	T	Water	8021B	
600-11799-5	MW-4-061609	T	Water	8021B	
600-11799-5MS	Matrix Spike	T	Water	8021B	
600-11799-5MSD	Matrix Spike Duplicate	T	Water	8021B	
600-11799-12	DUP-061609	T	Water	8021B	
Analysis Batch:600-16913					
LCS 600-16913/1	Lab Control Sample	T	Water	8021B	
LCSD 600-16913/5	Lab Control Sample Duplicate	T	Water	8021B	
MB 600-16913/2	Method Blank	T	Water	8021B	
600-11799-6	MW-5-061609	T	Water	8021B	
600-11799-7	MW-6-061609	T	Water	8021B	
600-11799-8	MW-7-061609	T	Water	8021B	
600-11799-9	MW-8-061609	T	Water	8021B	
600-11799-10	WW-1-061709	T	Water	8021B	
600-11799-11	WW-2-061709	T	Water	8021B	
600-11799-13	TRIP BLANK	T	Water	8021B	

Report Basis
T = Total

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 600-11799-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Analysis Batch:600-16916					
LCS 600-16916/40	Lab Control Sample	T	Water	300.0	
MB 600-16916/41	Method Blank	T	Water	300.0	
600-11799-1	RW-1-061709	T	Water	300.0	
600-11799-1DUDL	Duplicate	T	Water	300.0	
600-11799-1MSDL	Matrix Spike	T	Water	300.0	
600-11799-2	RW-2-061709	T	Water	300.0	
600-11799-3	RW-3-061709	T	Water	300.0	
600-11799-4	MW-3-061609	T	Water	300.0	
600-11799-5	MW-4-061609	T	Water	300.0	
600-11799-6	MW-5-061609	T	Water	300.0	
600-11799-7	MW-6-061609	T	Water	300.0	
600-11799-8	MW-7-061609	T	Water	300.0	
600-11799-9	MW-8-061609	T	Water	300.0	
600-11799-9DUDL	Duplicate	T	Water	300.0	
600-11799-9MSDL	Matrix Spike	T	Water	300.0	
600-11799-10	WW-1-061709	T	Water	300.0	
600-11799-11	WW-2-061709	T	Water	300.0	
600-11799-12	DUP-061609	T	Water	300.0	

Report Basis
T = Total

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 600-11799-1

Surrogate Recovery Report

8021B Volatile Organic Compounds (GC)

Client Matrix: Water

Lab Sample ID	Client Sample ID	BFB1 %Rec	BFB2 %Rec	TFT1 %Rec	TFT2 %Rec
600-11799-1	RW-1-061709		83		96
600-11799-2	RW-2-061709		79	115	
600-11799-3	RW-3-061709	99		120	
600-11799-4	MW-3-061609		80	80	
600-11799-5	MW-4-061609		75	80	
600-11799-6	MW-5-061609	81		84	
600-11799-7	MW-6-061609		80	81	
600-11799-8	MW-7-061609		77	80	
600-11799-9	MW-8-061609		76	79	
600-11799-10	WW-1-061709		77	80	
600-11799-11	WW-2-061709		76	80	
600-11799-12	DUP-061609		83	80	
600-11799-13	TRIP BLANK	75		80	
MB 600-16824/2			77	81	
MB 600-16913/2		77		81	
LCS 600-16824/1		100			101
LCS 600-16913/1			81		85
LCSD 600-16913/5			89		90
600-11799-5 MS	MW-4-061609 MS	75			77
600-11799-5 MSD	MW-4-061609 MSD	74		77	

Surrogate	Acceptance Limits
BFB = 4-Bromofluorobenzene	64-136
TFT = a,a,a-Trifluorotoluene	70-135

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 600-11799-1

Method Blank - Batch: 600-16824

Method: 8021B
Preparation: 5030B

Lab Sample ID: MB 600-16824/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/23/2009 0935
Date Prepared: 06/23/2009 0935

Analysis Batch: 600-16824
Prep Batch: N/A
Units: ug/L

Instrument ID: GCVOA-02
Lab File ID: A062309_004.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result	Qual	MDL	RL
Benzene	0.37	U	0.37	1.0
Toluene	0.39	U	0.39	1.0
Ethylbenzene	0.42	U	0.42	1.0
m-Xylene & p-Xylene	0.73	U	0.73	2.0
o-Xylene	0.35	U	0.35	1.0
Xylenes, Total	0.35	U	0.35	1.0
Total BTEX	0.35	U	0.35	1.0

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	77	64 - 136
a,a,a-Trifluorotoluene	81	70 - 135

Lab Control Sample - Batch: 600-16824

Method: 8021B
Preparation: 5030B

Lab Sample ID: LCS 600-16824/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/23/2009 0915
Date Prepared: 06/23/2009 0915

Analysis Batch: 600-16824
Prep Batch: N/A
Units: ug/L

Instrument ID: GCVOA-02
Lab File ID: A062309_003.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	50.0	51.8	104	72 - 134	
Toluene	50.0	50.4	101	76 - 131	
Ethylbenzene	50.0	52.8	106	75 - 131	
m-Xylene & p-Xylene	100	103	103	73 - 130	
o-Xylene	50.0	52.0	104	74 - 129	

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	100	64 - 136
a,a,a-Trifluorotoluene	101	70 - 135

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 600-11799-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 600-16824

Method: 8021B
Preparation: 5030B

MS Lab Sample ID:	600-11799-5	Analysis Batch: 600-16824	Instrument ID: GCVOA-02
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: A062309_011.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	06/23/2009 1208		Final Weight/Volume: 5 mL
Date Prepared:	06/23/2009 1208		Injection Volume:
			Column ID: PRIMARY

MSD Lab Sample ID:	600-11799-5	Analysis Batch: 600-16824	Instrument ID: GCVOA-02
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: A062309_012.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	06/23/2009 1228		Final Weight/Volume: 5 mL
Date Prepared:	06/23/2009 1228		Injection Volume:
			Column ID: PRIMARY

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzene	111	110	39 - 150	1	20		
Toluene	110	111	46 - 148	1	20		
Ethylbenzene	116	110	32 - 160	3	20		
m-Xylene & p-Xylene	116	115	77 - 128	2	20		
o-Xylene	115	114	74 - 125	1	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
4-Bromofluorobenzene	75	74	64 - 136
a,a,a-Trifluorotoluene	77	77	70 - 135

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 600-11799-1

Method Blank - Batch: 600-16913

Method: 8021B
Preparation: 5030B

Lab Sample ID: MB 600-16913/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/22/2009 1731
Date Prepared: 06/22/2009 1731

Analysis Batch: 600-16913
Prep Batch: N/A
Units: ug/L

Instrument ID: GCVOA-02
Lab File ID: A061209_105.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result	Qual	MDL	RL
Benzene	0.37	U	0.37	1.0
Toluene	0.39	U	0.39	1.0
Ethylbenzene	0.42	U	0.42	1.0
m-Xylene & p-Xylene	0.73	U	0.73	2.0
o-Xylene	0.35	U	0.35	1.0
Xylenes, Total	0.35	U	0.35	1.0
Total BTEX	0.35	U	0.35	1.0

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	77	64 - 136
a,a,a-Trifluorotoluene	81	70 - 135

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 600-11799-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 600-16913

Method: 8021B
Preparation: 5030B

LCS Lab Sample ID:	LCS 600-16913/1	Analysis Batch:	600-16913	Instrument ID:	GCVOA-02
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	A061209_104.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	5 mL
Date Analyzed:	06/22/2009 1711			Final Weight/Volume:	5 mL
Date Prepared:	06/22/2009 1711			Injection Volume:	
				Column ID:	PRIMARY

LCSD Lab Sample ID:	LCSD 600-16913/5	Analysis Batch:	600-16913	Instrument ID:	GCVOA-02
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	A061209_113.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	5 mL
Date Analyzed:	06/22/2009 2012			Final Weight/Volume:	5 mL
Date Prepared:	06/22/2009 2012			Injection Volume:	
				Column ID:	PRIMARY

	% Rec.					
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Benzene	113	105	72 - 134	7	20		
Toluene	110	101	76 - 131	9	20		
Ethylbenzene	113	103	75 - 131	9	20		
m-Xylene & p-Xylene	110	104	73 - 130	6	20		
o-Xylene	112	105	74 - 129	7	20		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
4-Bromofluorobenzene	81	89	64 - 136
a,a,a-Trifluorotoluene	85	90	70 - 135

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 600-11799-1

Method Blank - Batch: 600-16916

Method: 300.0
Preparation: N/A

Lab Sample ID: MB 600-16916/41
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/24/2009 1753
Date Prepared: N/A

Analysis Batch: 600-16916
Prep Batch: N/A
Units: mg/L

Instrument ID: ICS20000
Lab File ID: N/A
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Chloride	0.10	U	0.10	0.40

Lab Control Sample - Batch: 600-16916

Method: 300.0
Preparation: N/A

Lab Sample ID: LCS 600-16916/40
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/24/2009 1813
Date Prepared: N/A

Analysis Batch: 600-16916
Prep Batch: N/A
Units: mg/L

Instrument ID: ICS20000
Lab File ID: N/A
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloride	20.0	19.9	99	90 - 110	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 600-11799-1

Matrix Spike - Batch: 600-16916

Method: 300.0
Preparation: N/A

Lab Sample ID: 600-11799-1DL
Client Matrix: Water
Dilution: 10
Date Analyzed: 06/24/2009 1933
Date Prepared: N/A

Analysis Batch: 600-16916
Prep Batch: N/A
Units: mg/L
Run Type: DL

Instrument ID: ICS20000
Lab File ID: N/A
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
Chloride	48	100	145	97	90 - 110	

Matrix Spike - Batch: 600-16916

Method: 300.0
Preparation: N/A

Lab Sample ID: 600-11799-9DL
Client Matrix: Water
Dilution: 10
Date Analyzed: 06/25/2009 0333
Date Prepared: N/A

Analysis Batch: 600-16916
Prep Batch: N/A
Units: mg/L
Run Type: DL

Instrument ID: ICS20000
Lab File ID: N/A
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
Chloride	44	100	142	98	90 - 110	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 600-11799-1

Duplicate - Batch: 600-16916

Method: 300.0
Preparation: N/A

Lab Sample ID: 600-11799-1DL
Client Matrix: Water
Dilution: 10
Date Analyzed: 06/24/2009 1913
Date Prepared: N/A

Analysis Batch: 600-16916
Prep Batch: N/A
Units: mg/L
Run Type: DL

Instrument ID: ICS20000
Lab File ID: N/A
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Chloride	48	47.9	1	20	

Duplicate - Batch: 600-16916

Method: 300.0
Preparation: N/A

Lab Sample ID: 600-11799-9DL
Client Matrix: Water
Dilution: 10
Date Analyzed: 06/25/2009 0313
Date Prepared: N/A

Analysis Batch: 600-16916
Prep Batch: N/A
Units: mg/L
Run Type: DL

Instrument ID: ICS20000
Lab File ID: N/A
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Chloride	44	43.5	0	20	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Chain of Custody Record

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☒

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Loc: 600
11799
#1
600-11799-A-1

06/29/2009

TAL-4124 (1007)

Client	Project Manager	Date	Chain of Custody Number
CRA	Todd Wells	6-18-09	134604

Address	Telephone Number (Area Code)/Fax Number	Lab Number	Page
2135 S. Loop 250 West	(432) 686-0086 / (432) 686-0186		Page 1 of 2

City	State	Zip Code	Site Contact	Lab Contact
Midland	TX	79703	Cory Coleman	Sachin Kulchadkar

Project Name and Location (State)	Carrier/Waybill Number
New Mexico "F" State / Monument, NM	8672 5272 6380

Contract/Purchase Order/Quote No. 039122-08

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	T-CE	Analysis: BTEX 8021B	Chloride 6300.0	Special Instructions/ Conditions of Receipt
RW-1 - 061709	6-17-09	1300		X			1			3			X	X	X	
RW-2 - 061709	6-17-09	1200		X			1			3			X	X	X	
RW-3 - 061709	6-17-09	1120		X			1			3			X	X	X	
MW-3 - 061609	6-16-09	1500		X			1			3			X	X	X	
MW-4 - 061609	6-16-09	1420		X			1			3			X	X	X	
MW-5 - 061609	6-16-09	1445		X			1			3			X	X	X	
MW-6 - 061609	6-16-09	1515		X			1			3			X	X	X	
MW-7 - 061609	6-16-09	1430		X			1			3			X	X	X	
MW-8 - 061609	6-16-09	1530		X			1			3			X	X	X	
WW-1 - 061709	6-17-09	1330		X			1			3			X	X	X	
WW-2 - 061709	6-17-09	1340		X			1			3			X	X	X	
DUP - 061609	6-16-09	—		X			1			3			X	X	X	

Page 33 of 35

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months
(A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☒ 7 Days ☒ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	6-18-09	0900	1. Received By	6-19-09	930
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

Chain of Custody Record

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☒

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

06/29/2009

TAL-4124 (1007)

Client	Project Manager	Date	Chain of Custody Number
CRA	rodd wells	6-16-09	134603
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page 2 of 2**
135 S. Loop 250 W.	432-686-0086 / 432-686-0186		
City / State / Zip Code	**Site Contact**	**Lab Contact**	**Analysis (Attach list if more space is needed)**
Midland / TX / 79703	Cory Coleman	Sachin Kudchadkar	
Project Name and Location (State)	**Carrier/Waybill Number**		
N.M. "F" state / Monument NM	8672 5272 6380		
Contract/Purchase Order/Quote No.			
037122-08			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: LAB	Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/ NaOH	ICE	BTEX 8021B	Temp	Special Instructions/ Conditions of Receipt
Trip Blank	—	—					X				2			X	X		
Temp	—	—					X	1						X		X	

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☒ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	6-18-09	0900	1. Received By	6/19/09	930
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

Login Sample Receipt Check List

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 600-11799-1

Login Number: 11799

List Source: TestAmerica Houston

Creator: Trenery, Michael J

List Number: 1

Question	T / F/ NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	1.9
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Is the Field Sampler's name present on COC?	True	

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 600-15006-1

Job Description: N.M. F State Battery, NM

For:
Conestoga-Rovers & Associates, Inc.
2135 South Loop 250 West
Midland, TX 79703

Attention: Mr. Todd Wells

Approved for release.
Sachin G Kudchadkar
Project Manager II
9/21/2009 8:33 AM

Sachin G Kudchadkar
Project Manager II
sachin.kudchadkar@testamericainc.com
09/21/2009

cc: Mr. Arthur Greeley

TestAmerica Houston Certifications and Approvals: TX NELAP T104704223-TX, ARDEQ 88-0759, LADEQ 01967, OKDEQ 9503, UT DOH GULF

TestAmerica Laboratories, Inc.
TestAmerica Houston 6310 Rothway Street, Houston, TX 77040
Tel (713) 690-4444 Fax (713) 690-5646 www.testamericainc.com

ACCREDITED IN ACCORDANCE WITH nelac

EXECUTIVE SUMMARY - Detections

Client: Conestoga-Rovers & Associates, Inc. Job Number: 600-15006-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
600-15006-1	**MW 6090909**				
Chloride		160	4.0	mg/L	300.0

METHOD SUMMARY

Client: Conestoga-Rovers & Associates, Inc. Job Number: 600-15006-1

Description	Lab Location	Method	Preparation Method
Matrix Water			
Volatile Organic Compounds (GC)	TAL HOU	SW846 8021B	
Purge and Trap	TAL HOU		SW846 5030B
Anions, Ion Chromatography	TAL HOU	MCAWW 300.0	

Lab References:

TAL HOU = TestAmerica Houston

Method References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: Conestoga-Rovers & Associates, Inc. Job Number: 600-15006-1

Method	Analyst	Analyst ID
SW846 8021B	Tobias, Merlin H	MHT
MCAWW 300.0	Puranik, Surendra U	SUP

SAMPLE SUMMARY

Client: Conestoga-Rovers & Associates, Inc. Job Number: 600-15006-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
600-15006-1	MW 6090909	Water	09/09/2009 1145	09/11/2009 0930

SAMPLE RESULTS

Mr. Todd Wells
Conestoga-Rovers & Associates, Inc.
2135 South Loop 250 West
Midland, TX 79703

Job Number: 600-15006-1

Client Sample ID: **MW 6090909**
Lab Sample ID: **600-15006-1**

Date Sampled: 09/09/2009 1145
Date Received: 09/11/2009 0930
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8021B			Date Analyzed:		09/11/2009 1547	
Prep Method: 5030B			Date Prepared:		09/11/2009 1547	
Benzene	0.37	U	ug/L	0.37	1.0	1.0
Toluene	0.39	U	ug/L	0.39	1.0	1.0
Ethylbenzene	0.42	U	ug/L	0.42	1.0	1.0
m-Xylene & p-Xylene	0.73	U	ug/L	0.73	2.0	1.0
o-Xylene	0.35	U	ug/L	0.35	1.0	1.0
Xylenes, Total	0.35	U	ug/L	0.35	1.0	1.0
Surrogate					Acceptance Limits	
4-Bromofluorobenzene	93		%		64 - 136	
a,a,a-Trifluorotoluene	98		%		70 - 135	
Method: 300.0			Date Analyzed:		09/18/2009 1311	
Chloride	160		mg/L	1.0	4.0	10

DATA REPORTING QUALIFIERS

Client: Conestoga-Rovers & Associates, Inc. Job Number: 600-15006-1

Lab Section	Qualifier	Description
GC VOA		
	U	Indicates the analyte was analyzed for but not detected.
General Chemistry		
	U	Indicates the analyte was analyzed for but not detected.

QUALITY CONTROL RESULTS

Client: Conestoga-Rovers & Associates, Inc. Job Number: 600-15006-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC VOA					
Analysis Batch:600-20757					
LCS 600-20757/1	Lab Control Sample	T	Water	8021B	
LCSD 600-20757/9	Lab Control Sample Duplicate	T	Water	8021B	
MB 600-20757/2	Method Blank	T	Water	8021B	
600-15006-1	MW 6090909	T	Water	8021B	

Report Basis
T = Total

General Chemistry					
Analysis Batch:600-21036					
LCS 600-21036/6	Lab Control Sample	T	Water	300.0	
MB 600-21036/5	Method Blank	T	Water	300.0	
600-15006-1	MW 6090909	T	Water	300.0	

Report Basis
T = Total

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 600-15006-1

Surrogate Recovery Report

8021B Volatile Organic Compounds (GC)

Client Matrix: Water

Lab Sample ID	Client Sample ID	BFB1 %Rec	BFB2 %Rec	TFT1 %Rec
600-15006-1	MW 6090909	93		98
MB 600-20757/2		95		98
LCS 600-20757/1			113	97
LCSD 600-20757/9		90		93

Surrogate	Acceptance Limits
BFB = 4-Bromofluorobenzene	64-136
TFT = a,a,a-Trifluorotoluene	70-135

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 600-15006-1

Method Blank - Batch: 600-20757

Method: 8021B
Preparation: 5030B

Lab Sample ID: MB 600-20757/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/11/2009 1430
Date Prepared: 09/11/2009 1430

Analysis Batch: 600-20757
Prep Batch: N/A
Units: ug/L

Instrument ID: GCVOA-02
Lab File ID: A090309_088.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL
Injection Volume: 1.0 mL
Column ID: PRIMARY

Analyte	Result	Qual	MDL	RL
Benzene	0.37	U	0.37	1.0
Toluene	0.39	U	0.39	1.0
Ethylbenzene	0.42	U	0.42	1.0
m-Xylene & p-Xylene	0.73	U	0.73	2.0
o-Xylene	0.35	U	0.35	1.0
Xylenes, Total	0.35	U	0.35	1.0

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	95	64 - 136
a,a,a-Trifluorotoluene	98	70 - 135

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 600-15006-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 600-20757

Method: 8021B
Preparation: 5030B

LCS Lab Sample ID:	LCS 600-20757/1	Analysis Batch:	600-20757	Instrument ID:	GCVOA-02
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	B090309_087.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	5 mL
Date Analyzed:	09/11/2009 1410			Final Weight/Volume:	5 mL
Date Prepared:	09/11/2009 1410			Injection Volume:	1.0 mL
				Column ID:	PRIMARY

LCSD Lab Sample ID:	LCSD 600-20757/9	Analysis Batch:	600-20757	Instrument ID:	GCVOA-02
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	B090309_098.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	5 mL
Date Analyzed:	09/11/2009 1827			Final Weight/Volume:	5 mL
Date Prepared:	09/11/2009 1827			Injection Volume:	1.0 mL
				Column ID:	PRIMARY

	% Rec.					
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Benzene	96	97	72 - 134	2	20		
Toluene	101	99	76 - 131	2	20		
Ethylbenzene	99	101	75 - 131	2	20		
m-Xylene & p-Xylene	99	101	73 - 130	1	20		
o-Xylene	100	103	74 - 129	3	20		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
4-Bromofluorobenzene	113	90	64 - 136
a,a,a-Trifluorotoluene	97	93	70 - 135

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 600-15006-1

Method Blank - Batch: 600-21036

Method: 300.0
Preparation: N/A

Lab Sample ID: MB 600-21036/5
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/18/2009 0930
Date Prepared: N/A

Analysis Batch: 600-21036
Prep Batch: N/A
Units: mg/L

Instrument ID: ICS20000
Lab File ID: N/A
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Chloride	0.10	U	0.10	0.40

Lab Control Sample - Batch: 600-21036

Method: 300.0
Preparation: N/A

Lab Sample ID: LCS 600-21036/6
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/18/2009 0950
Date Prepared: N/A

Analysis Batch: 600-21036
Prep Batch: N/A
Units: mg/L

Instrument ID: ICS20000
Lab File ID: N/A
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloride	20.0	20.2	101	90 - 110	

Calculations are performed before rounding to avoid round-off errors in calculated results.

15006

Chain of Custody Record

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☒

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4124 (1007)

Loc: 600
15006
#1
600-15006-A-1

09/21/2009

Client	Project Manager	Date	Chain of
Conestoga-Rovers and Associates	Todd Wells	9-10-09	
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page**
2135 S. Loop 250 West	432-686-0086		
City / **State** / **Zip Code**	**Site Contact**	**Lab Contact**	
Midland / TX / 79703	T. Wells	Sachin Kudchadar	
Project Name and Location (State)	**Carrier/Waybill Number**		
N.M. Estate Battery / N.M.			
Contract/Purchase Order/Quote No.			
039127			

Analysis (Attach list if more space is needed)

Special Instructions/ Conditions of Receipt

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/ NaOH	VOA	BTEX 8021B	Cl- 300	
MW6090909	9-9-09	1145		X			Y			Y			X	3	1	

Page 16 of 17

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
(A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☒ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: Joe Miceles	9-10-09	0730	1. Received By:	9/11/09	9:30
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

Login Sample Receipt Check List

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 600-15006-1

Login Number: 15006
Creator: Claunch, Todd F
List Number: 1

List Source: TestAmerica Houston

Question	T / F/ NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	1.6
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Is the Field Sampler's name present on COC?	True	
Sample Preservation Verified	True	

Sample Login Acknowledgement

Client Job Description:	N.M. F State Battery, NM	**Report To:**	Conestoga-Rovers & Associates, Inc.
Login Number:	600-15006		Todd Wells
Sample Receipt:	9/11/2009 9:30:00AM		
Method of Delivery:	FedEx First Overnight		
Number of Coolers:	1		
Cooler Temperature(s) (C°):	1.60		
Purchase Order #:	039122		
Work Order #:		**Bill To:**	Conestoga-Rovers & Associates, Inc.
Project Manager:	Sachin G Kudchadkar		Todd Wells
Job Due Date:	9/25/2009		
Job TAT:	10 Days		

Lab Sample # / Method	Client Sample ID / Rpt Basis	Job	Method Description / Work Location	Date Sampled / Matrix	Dry / Wet **	Deliverable Information TAT	Due	Level
600-15006-1	**MW 6090909**			**9/9/09 11:45 Water**				
300.0_28D	Total/NA	15006-1	Chloride / In-Lab		Wet	10 Days	9/25/09	II
8021B	Total/NA	15006-1	BTEX Only List / In-Lab		Wet	10 Days	9/25/09	II

* Method on-hold

** Wet/Dry indicates whether the reported results will be corrected for moisture content, and based on sample Wet weight or Dry weight.

15006

Chain of Custody Record

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☒

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4124 (1007)

Loc: 600
15006
#1
600-15006-A-1

Client	Project Manager	Date	Chain of
Conestoga-Rovers and Associates	Todd Wells	9-10-09	
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page**
2135 S. Loop 250 West	432-686-0086		
City / **State** / **Zip Code**	**Site Contact**	**Lab Contact**	**Analysis (Attach list if more space is needed)**
Midland / TX / 79703	T. Wells	Sacha Kodebadar	BTEX 8021B; Cl 300
Project Name and Location (State)	**Carrier/Waybill Number**		
N.M. F State Battery / N.M.			
Contract/Purchase Order/Quote No.			
039122			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Other	BTEX 8021B	Cl 300
MW6090909	9-9-09	1145		X			X			X			X	3	1

Special Instructions/ Conditions of Receipt

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☒ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: Joe Miceles	9-10-09	0730	1. Received By:	9/11/09	9:30
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 600-17868-1

Job Description: NM F State/039122

For:
Conestoga-Rovers & Associates, Inc.
2135 South Loop 250 West
Midland, TX 79703

Attention: Mr. Todd Wells

Approved for release.
Cathy L Upton
LAN Analyst
11/25/2009 4:52 PM

Designee for
Sachin G Kudchadkar
Project Manager II
sachin.kudchadkar@testamericainc.com
11/25/2009

cc: Mr. Arthur Greeley

The test results in this report meet all NELAP requirements unless specified within the case narrative. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Project Manager.

TestAmerica Houston Certifications and Approvals: TX NELAP T104704223-TX, ARDEQ 88-0759, LADEQ 01967, OKDEQ 9503, UT DOH GULF

TestAmerica Laboratories, Inc.
TestAmerica Houston 6310 Rothway Street, Houston, TX 77040
Tel (713) 690-4444 Fax (713) 690-5646 www.testamericainc.com

ACCREDITED IN ACCORDANCE WITH nelac

Table of Contents

Comments
No additional comments.

Receipt
All samples were received in good condition within temperature requirements.

GC/MS VOA
No analytical or quality issues were noted.

GC VOA
No analytical or quality issues were noted.

General Chemistry
No analytical or quality issues were noted.

EXECUTIVE SUMMARY - Detections

Client: Conestoga-Rovers & Associates, Inc. Job Number: 600-17868-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
600-17868-1	**RW-3 112009**					
Toluene		1.0	p	1.0	ug/L	8021B
Ethylbenzene		2.7	p	1.0	ug/L	8021B
Xylenes, Total		7.6	p	1.0	ug/L	8021B
Chloride		60		4.0	mg/L	300.0
600-17868-2	**MW-3 112009**					
Chloride		40		4.0	mg/L	300.0
600-17868-3	**MW-4 112009**					
Chloride		58		4.0	mg/L	300.0
600-17868-4	**MW-5 112009**					
Chloride		110		4.0	mg/L	300.0
600-17868-5	**MW-6 112009**					
Chloride		140		4.0	mg/L	300.0
600-17868-6	**MW-7 112009**					
Chloride		47		4.0	mg/L	300.0
600-17868-7	**MW-8 112009**					
Chloride		36		4.0	mg/L	300.0
600-17868-8	**DUP 112009**					
Toluene		1.3	p	1.0	ug/L	8021B
Ethylbenzene		3.0	p	1.0	ug/L	8021B
Xylenes, Total		8.0	p	1.0	ug/L	8021B
Chloride		60		4.0	mg/L	300.0
600-17868-10	**WW-1 112009**					
Chloride		64		4.0	mg/L	300.0

METHOD SUMMARY

Client: Conestoga-Rovers & Associates, Inc. Job Number: 600-17868-1

Description	Lab Location	Method	Preparation Method
Matrix Water			
Volatile Organic Compounds (GC)	TAL HOU	SW846 8021B	
Purge and Trap	TAL HOU		SW846 5030B
Anions, Ion Chromatography	TAL HOU	MCAWW 300.0	

Lab References:

TAL HOU = TestAmerica Houston

Method References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: Conestoga-Rovers & Associates, Inc. Job Number: 600-17868-1

Method	Analyst	Analyst ID
SW846 8021B	Tobias, Merlin H	MHT
MCAWW 300.0	Puranik, Surendra U	SUP

SAMPLE SUMMARY

Client: Conestoga-Rovers & Associates, Inc. Job Number: 600-17868-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
600-17868-1	RW-3 112009	Water	11/20/2009 1115	11/21/2009 1025
600-17868-2	MW-3 112009	Water	11/20/2009 1135	11/21/2009 1025
600-17868-3	MW-4 112009	Water	11/20/2009 1155	11/21/2009 1025
600-17868-4	MW-5 112009	Water	11/20/2009 1215	11/21/2009 1025
600-17868-5	MW-6 112009	Water	11/20/2009 1230	11/21/2009 1025
600-17868-6	MW-7 112009	Water	11/20/2009 1250	11/21/2009 1025
600-17868-7	MW-8 112009	Water	11/20/2009 1310	11/21/2009 1025
600-17868-8	Dup 112009	Water	11/20/2009 0000	11/21/2009 1025
600-17868-9	Trip Blank	Water	11/20/2009 0000	11/21/2009 1025
600-17868-10	WW-1 112009	Water	11/20/2009 1340	11/21/2009 1025

SAMPLE RESULTS

Mr. Todd Wells
Conestoga-Rovers & Associates, Inc.
2135 South Loop 250 West
Midland, TX 79703

Job Number: 600-17868-1

Client Sample ID: **RW-3 112009**
Lab Sample ID: **600-17868-1**

Date Sampled: 11/20/2009 1115
Date Received: 11/21/2009 1025
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8021B			Date Analyzed:		11/23/2009 1619	
Prep Method: 5030B			Date Prepared:		11/23/2009 1619	
Benzene	0.37	U	ug/L	0.37	1.0	1.0
Toluene	1.0	p	ug/L	0.39	1.0	1.0
Ethylbenzene	2.7	p	ug/L	0.42	1.0	1.0
Xylenes, Total	7.6	p	ug/L	0.35	1.0	1.0
Surrogate					Acceptance Limits	
4-Bromofluorobenzene	102		%		64 - 136	
a,a,a-Trifluorotoluene	111		%		70 - 135	
Method: 300.0 Run Type: DL			Date Analyzed:		11/24/2009 2205	
Chloride	60		mg/L	1.0	4.0	10

Mr. Todd Wells
Conestoga-Rovers & Associates, Inc.
2135 South Loop 250 West
Midland, TX 79703

Job Number: 600-17868-1

Client Sample ID: **MW-3 112009**
Lab Sample ID: **600-17868-2**

Date Sampled: 11/20/2009 1135
Date Received: 11/21/2009 1025
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8021B			Date Analyzed:		11/23/2009 1204	
Prep Method: 5030B			Date Prepared:		11/23/2009 1204	
Benzene	0.37	U	ug/L	0.37	1.0	1.0
Toluene	0.39	U	ug/L	0.39	1.0	1.0
Ethylbenzene	0.42	U	ug/L	0.42	1.0	1.0
Xylenes, Total	0.35	U	ug/L	0.35	1.0	1.0
Surrogate					Acceptance Limits	
4-Bromofluorobenzene	95		%		64 - 136	
a,a,a-Trifluorotoluene	95		%		70 - 135	
Method: 300.0 Run Type: DL			Date Analyzed:		11/24/2009 2225	
Chloride	40		mg/L	1.0	4.0	10

Mr. Todd Wells
Conestoga-Rovers & Associates, Inc.
2135 South Loop 250 West
Midland, TX 79703

Job Number: 600-17868-1

Client Sample ID: **MW-4 112009**
Lab Sample ID: **600-17868-3**

Date Sampled: 11/20/2009 1155
Date Received: 11/21/2009 1025
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8021B			Date Analyzed:		11/23/2009 1224	
Prep Method: 5030B			Date Prepared:		11/23/2009 1224	
Benzene	0.37	U	ug/L	0.37	1.0	1.0
Toluene	0.39	U	ug/L	0.39	1.0	1.0
Ethylbenzene	0.42	U	ug/L	0.42	1.0	1.0
Xylenes, Total	0.35	U	ug/L	0.35	1.0	1.0
Surrogate					Acceptance Limits	
4-Bromofluorobenzene	97		%		64 - 136	
a,a,a-Trifluorotoluene	97		%		70 - 135	
Method: 300.0 Run Type: DL			Date Analyzed:		11/24/2009 2245	
Chloride	58		mg/L	1.0	4.0	10

Mr. Todd Wells
Conestoga-Rovers & Associates, Inc.
2135 South Loop 250 West
Midland, TX 79703

Job Number: 600-17868-1

Client Sample ID: **MW-5 112009**
Lab Sample ID: **600-17868-4**

Date Sampled: 11/20/2009 1215
Date Received: 11/21/2009 1025
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8021B			Date Analyzed:		11/23/2009 1358	
Prep Method: 5030B			Date Prepared:		11/23/2009 1358	
Benzene	0.37	U	ug/L	0.37	1.0	1.0
Toluene	0.39	U	ug/L	0.39	1.0	1.0
Ethylbenzene	0.42	U	ug/L	0.42	1.0	1.0
Xylenes, Total	0.35	U	ug/L	0.35	1.0	1.0
Surrogate					Acceptance Limits	
4-Bromofluorobenzene	96		%		64 - 136	
a,a,a-Trifluorotoluene	97		%		70 - 135	
Method: 300.0 Run Type: DL			Date Analyzed:		11/24/2009 2305	
Chloride	110		mg/L	1.0	4.0	10

Mr. Todd Wells
Conestoga-Rovers & Associates, Inc.
2135 South Loop 250 West
Midland, TX 79703

Job Number: 600-17868-1

Client Sample ID: MW-6 112009
Lab Sample ID: 600-17868-5

Date Sampled: 11/20/2009 1230
Date Received: 11/21/2009 1025
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8021B			Date Analyzed:		11/23/2009 1418	
Prep Method: 5030B			Date Prepared:		11/23/2009 1418	
Benzene	0.37	U	ug/L	0.37	1.0	1.0
Toluene	0.39	U	ug/L	0.39	1.0	1.0
Ethylbenzene	0.42	U	ug/L	0.42	1.0	1.0
Xylenes, Total	0.35	U	ug/L	0.35	1.0	1.0
Surrogate					Acceptance Limits	
4-Bromofluorobenzene	95		%		64 - 136	
a,a,a-Trifluorotoluene	95		%		70 - 135	
Method: 300.0 Run Type: DL			Date Analyzed:		11/25/2009 0005	
Chloride	140		mg/L	1.0	4.0	10

Mr. Todd Wells
Conestoga-Rovers & Associates, Inc.
2135 South Loop 250 West
Midland, TX 79703

Job Number: 600-17868-1

Client Sample ID: **MW-7 112009**
Lab Sample ID: **600-17868-6**

Date Sampled: 11/20/2009 1250
Date Received: 11/21/2009 1025
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8021B			Date Analyzed:		11/23/2009 1438	
Prep Method: 5030B			Date Prepared:		11/23/2009 1438	
Benzene	0.37	U	ug/L	0.37	1.0	1.0
Toluene	0.39	U	ug/L	0.39	1.0	1.0
Ethylbenzene	0.42	U	ug/L	0.42	1.0	1.0
Xylenes, Total	0.35	U	ug/L	0.35	1.0	1.0
Surrogate					Acceptance Limits	
4-Bromofluorobenzene	94		%		64 - 136	
a,a,a-Trifluorotoluene	95		%		70 - 135	
Method: 300.0 Run Type: DL			Date Analyzed:		11/25/2009 0145	
Chloride	47		mg/L	1.0	4.0	10

Mr. Todd Wells
Conestoga-Rovers & Associates, Inc.
2135 South Loop 250 West
Midland, TX 79703

Job Number: 600-17868-1

Client Sample ID: **MW-8 112009**
Lab Sample ID: **600-17868-7**

Date Sampled: 11/20/2009 1310
Date Received: 11/21/2009 1025
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8021B			Date Analyzed:		11/23/2009 1458	
Prep Method: 5030B			Date Prepared:		11/23/2009 1458	
Benzene	0.37	U	ug/L	0.37	1.0	1.0
Toluene	0.39	U	ug/L	0.39	1.0	1.0
Ethylbenzene	0.42	U	ug/L	0.42	1.0	1.0
Xylenes, Total	0.35	U	ug/L	0.35	1.0	1.0
Surrogate					Acceptance Limits	
4-Bromofluorobenzene	94		%		64 - 136	
a,a,a-Trifluorotoluene	95		%		70 - 135	
Method: 300.0 Run Type: DL			Date Analyzed:		11/25/2009 0205	
Chloride	36		mg/L	1.0	4.0	10

Mr. Todd Wells
Conestoga-Rovers & Associates, Inc.
2135 South Loop 250 West
Midland, TX 79703

Job Number: 600-17868-1

Client Sample ID: **Dup 112009**
Lab Sample ID: **600-17868-8**

Date Sampled: 11/20/2009 0000
Date Received: 11/21/2009 1025
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8021B			Date Analyzed:		11/23/2009 1659	
Prep Method: 5030B			Date Prepared:		11/23/2009 1659	
Benzene	0.37	U	ug/L	0.37	1.0	1.0
Toluene	1.3	p	ug/L	0.39	1.0	1.0
Ethylbenzene	3.0	p	ug/L	0.42	1.0	1.0
Xylenes, Total	8.0	p	ug/L	0.35	1.0	1.0
Surrogate					Acceptance Limits	
4-Bromofluorobenzene	109		%		64 - 136	
a,a,a-Trifluorotoluene	112		%		70 - 135	
Method: 300.0 Run Type: DL			Date Analyzed:		11/25/2009 0225	
Chloride	60		mg/L	1.0	4.0	10

Mr. Todd Wells
Conestoga-Rovers & Associates, Inc.
2135 South Loop 250 West
Midland, TX 79703

Job Number: 600-17868-1

Client Sample ID: **Trip Blank**
Lab Sample ID: **600-17868-9**

Date Sampled: 11/20/2009 0000
Date Received: 11/21/2009 1025
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8021B				Date Analyzed:	11/23/2009 1539	
Prep Method: 5030B				Date Prepared:	11/23/2009 1539	
Benzene	0.37	U	ug/L	0.37	1.0	1.0
Toluene	0.39	U	ug/L	0.39	1.0	1.0
Ethylbenzene	0.42	U	ug/L	0.42	1.0	1.0
Xylenes, Total	0.35	U	ug/L	0.35	1.0	1.0
Surrogate					Acceptance Limits	
4-Bromofluorobenzene	95		%		64 - 136	
a,a,a-Trifluorotoluene	95		%		70 - 135	

Mr. Todd Wells
Conestoga-Rovers & Associates, Inc.
2135 South Loop 250 West
Midland, TX 79703

Job Number: 600-17868-1

Client Sample ID: **WW-1 112009**
Lab Sample ID: **600-17868-10**

Date Sampled: 11/20/2009 1340
Date Received: 11/21/2009 1025
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8021B			Date Analyzed:		11/23/2009 1559	
Prep Method: 5030B			Date Prepared:		11/23/2009 1559	
Benzene	0.37	U	ug/L	0.37	1.0	1.0
Toluene	0.39	U	ug/L	0.39	1.0	1.0
Ethylbenzene	0.42	U	ug/L	0.42	1.0	1.0
Xylenes, Total	0.35	U	ug/L	0.35	1.0	1.0
Surrogate					Acceptance Limits	
4-Bromofluorobenzene	96		%		64 - 136	
a,a,a-Trifluorotoluene	96		%		70 - 135	
Method: 300.0 Run Type: DL			Date Analyzed:		11/25/2009 0245	
Chloride	64		mg/L	1.0	4.0	10

DATA REPORTING QUALIFIERS

Client: Conestoga-Rovers & Associates, Inc. Job Number: 600-17868-1

Lab Section	Qualifier	Description
GC VOA		
	U	Indicates the analyte was analyzed for but not detected.
	p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.
General Chemistry		
	U	Indicates the analyte was analyzed for but not detected.
	F	MS or MSD exceeds the control limits

QUALITY CONTROL RESULTS

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 600-17868-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC VOA					
Analysis Batch:600-24303					
LCS 600-24303/1	Lab Control Sample	T	Water	8021B	
MB 600-24303/2	Method Blank	T	Water	8021B	
600-17868-1	RW-3 112009	T	Water	8021B	
600-17868-1MS	Matrix Spike	T	Water	8021B	
600-17868-1MSD	Matrix Spike Duplicate	T	Water	8021B	
600-17868-2	MW-3 112009	T	Water	8021B	
600-17868-3	MW-4 112009	T	Water	8021B	
600-17868-4	MW-5 112009	T	Water	8021B	
600-17868-5	MW-6 112009	T	Water	8021B	
600-17868-6	MW-7 112009	T	Water	8021B	
600-17868-7	MW-8 112009	T	Water	8021B	
600-17868-8	Dup 112009	T	Water	8021B	
600-17868-9	Trip Blank	T	Water	8021B	
600-17868-10	WW-1 112009	T	Water	8021B	

Report Basis
T = Total

General Chemistry					
Analysis Batch:600-24279					
LCS 600-24279/6	Lab Control Sample	T	Water	300.0	
MB 600-24279/5	Method Blank	T	Water	300.0	
600-17868-1DL	RW-3 112009	T	Water	300.0	
600-17868-2DL	MW-3 112009	T	Water	300.0	
600-17868-3DL	MW-4 112009	T	Water	300.0	
600-17868-4DL	MW-5 112009	T	Water	300.0	
600-17868-4DUDL	Duplicate	T	Water	300.0	
600-17868-4MSDL	Matrix Spike	T	Water	300.0	
600-17868-5DL	MW-6 112009	T	Water	300.0	
600-17868-5DUDL	Duplicate	T	Water	300.0	
600-17868-5MSDL	Matrix Spike	T	Water	300.0	
600-17868-6DL	MW-7 112009	T	Water	300.0	
600-17868-7DL	MW-8 112009	T	Water	300.0	
600-17868-8DL	Dup 112009	T	Water	300.0	
600-17868-10DL	WW-1 112009	T	Water	300.0	

Report Basis
T = Total

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 600-17868-1

Surrogate Recovery Report

8021B Volatile Organic Compounds (GC)

Client Matrix: Water

Lab Sample ID	Client Sample ID	BFB1 %Rec	TFT1 %Rec	TFT2 %Rec
600-17868-1	RW-3 112009	102	111	
600-17868-2	MW-3 112009	95		95
600-17868-3	MW-4 112009	97	97	
600-17868-4	MW-5 112009	96	97	
600-17868-5	MW-6 112009	95		95
600-17868-6	MW-7 112009	94		95
600-17868-7	MW-8 112009	94	95	
600-17868-8	Dup 112009	109	112	
600-17868-9	Trip Blank	95	95	
600-17868-10	WW-1 112009	96		96
MB 600-24303/2		96	96	
LCS 600-24303/1		90		93
600-17868-1 MS	RW-3 112009 MS	94		92
600-17868-1 MSD	RW-3 112009 MSD	94		93

Surrogate	Acceptance Limits
BFB = 4-Bromofluorobenzene	64-136
TFT = a,a,a-Trifluorotoluene	70-135

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 600-17868-1

Method Blank - Batch: 600-24303

Method: 8021B
Preparation: 5030B

Lab Sample ID: MB 600-24303/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 11/23/2009 1022
Date Prepared: 11/23/2009 1022

Analysis Batch: 600-24303
Prep Batch: N/A
Units: ug/L

Instrument ID: GCVOA-02
Lab File ID: A111909_048.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result	Qual	MDL	RL
Benzene	0.37	U	0.37	1.0
Toluene	0.39	U	0.39	1.0
Ethylbenzene	0.42	U	0.42	1.0
Xylenes, Total	0.35	U	0.35	1.0

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	96	64 - 136
a,a,a-Trifluorotoluene	96	70 - 135

Lab Control Sample - Batch: 600-24303

Method: 8021B
Preparation: 5030B

Lab Sample ID: LCS 600-24303/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 11/23/2009 0937
Date Prepared: 11/23/2009 0937

Analysis Batch: 600-24303
Prep Batch: N/A
Units: ug/L

Instrument ID: GCVOA-02
Lab File ID: A111909_047.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	50.0	47.5	95	72 - 134	
Toluene	50.0	51.4	103	76 - 131	
Ethylbenzene	50.0	51.7	103	75 - 131	
Xylenes, Total	150	161	107	70 - 130	

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	90	64 - 136
a,a,a-Trifluorotoluene	93	70 - 135

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 600-17868-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 600-24303

Method: 8021B
Preparation: 5030B

MS Lab Sample ID:	600-17868-1	Analysis Batch: 600-24303	Instrument ID: GCVOA-02
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: A111909_055.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	11/23/2009 1244		Final Weight/Volume: 5 mL
Date Prepared:	11/23/2009 1244		Injection Volume:
			Column ID: PRIMARY
MSD Lab Sample ID:	600-17868-1	Analysis Batch: 600-24303	Instrument ID: GCVOA-02
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: A111909_056.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	11/23/2009 1304		Final Weight/Volume: 5 mL
Date Prepared:	11/23/2009 1304		Injection Volume:
			Column ID: PRIMARY

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzene	106	104	39 - 150	1	20		
Toluene	112	111	46 - 148	1	20		
Ethylbenzene	118	115	32 - 160	2	20		
Xylenes, Total	106	106	74 - 128	0	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
4-Bromofluorobenzene	94	94	64 - 136
a,a,a-Trifluorotoluene	92	93	70 - 135

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 600-17868-1

Method Blank - Batch: 600-24279

Method: 300.0
Preparation: N/A

Lab Sample ID: MB 600-24279/5
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 11/24/2009 1804
Date Prepared: N/A

Analysis Batch: 600-24279
Prep Batch: N/A
Units: mg/L

Instrument ID: ICS20000
Lab File ID: N/A
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Chloride	0.10	U	0.10	0.40

Lab Control Sample - Batch: 600-24279

Method: 300.0
Preparation: N/A

Lab Sample ID: LCS 600-24279/6
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 11/24/2009 1824
Date Prepared: N/A

Analysis Batch: 600-24279
Prep Batch: N/A
Units: mg/L

Instrument ID: ICS20000
Lab File ID: N/A
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloride	20.0	19.6	98	90 - 110	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 600-17868-1

Matrix Spike - Batch: 600-24279

Method: 300.0
Preparation: N/A

Lab Sample ID: 600-17868-4DL
Client Matrix: Water
Dilution: 10
Date Analyzed: 11/24/2009 2345
Date Prepared: N/A

Analysis Batch: 600-24279
Prep Batch: N/A
Units: mg/L
Run Type: DL

Instrument ID: ICS20000
Lab File ID: N/A
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
Chloride	110	100	195	88	90 - 110	F

Matrix Spike - Batch: 600-24279

Method: 300.0
Preparation: N/A

Lab Sample ID: 600-17868-5DL
Client Matrix: Water
Dilution: 10
Date Analyzed: 11/25/2009 0045
Date Prepared: N/A

Analysis Batch: 600-24279
Prep Batch: N/A
Units: mg/L
Run Type: DL

Instrument ID: ICS20000
Lab File ID: N/A
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
Chloride	140	100	227	89	90 - 110	F

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 600-17868-1

Duplicate - Batch: 600-24279

Method: 300.0
Preparation: N/A

Lab Sample ID: 600-17868-4DL
Client Matrix: Water
Dilution: 10
Date Analyzed: 11/24/2009 2325
Date Prepared: N/A

Analysis Batch: 600-24279
Prep Batch: N/A
Units: mg/L
Run Type: DL

Instrument ID: ICS20000
Lab File ID: N/A
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Chloride	110	107	0	20	

Duplicate - Batch: 600-24279

Method: 300.0
Preparation: N/A

Lab Sample ID: 600-17868-5DL
Client Matrix: Water
Dilution: 10
Date Analyzed: 11/25/2009 0025
Date Prepared: N/A

Analysis Batch: 600-24279
Prep Batch: N/A
Units: mg/L
Run Type: DL

Instrument ID: ICS20000
Lab File ID: N/A
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Chloride	140	138	0	20	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Chain of Custody Record

TAL-4124 (1007)

Temperature on Receipt ______

Drinking Water? Yes ☐ No ☒

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Loc: 600
17868
#10
600-17868-A-10

Client: CRA	Project Manager: Todd Wells
Address: 2135 S. Loop 250 W.	Telephone Number (Area Code)/Fax Number: 432-686-0086 / 432-686-0186
City: Midland · State: TX · Zip Code: 79703	Site Contact: Todd Wells · Lab Contact: Sachin Kudchadker
Project Name and Location (State): N.M. "F" State Lea County-New Mexico	Carrier/Waybill Number:
Contract/Purchase Order/Quote No.: PO#: 4011413 / 039122-Project #	
Date: 11-20-09	Chain of Custody Number: 142418
Lab Number:	Page 1 of 1

Analysis (Attach list if more space is needed)

Special Instructions/ Conditions of Receipt

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Air	Aqueous	Sed.	Soil	DI H_2O	Unpres. (250 mL Plastic)	H_2SO_4	HNO_3	HCl VOA	NaOH	ZnAc/NaOH	ICE	8021B-(BTEX only) (1st)	300.0 Chloride	TEMP
RW-3 112009	11-20-09	1115		X				1			3			X	X	X	
MW-3 112009	11-2009	1135		X				1			3			X	X	X	
MW-4 112009	11-20-09	1155		X				1			3			X	X	X	
MW-5 112009	11-20-09	1215		X				1			3			X	X	X	
MW-6 112009	11-20-09	1230		X				1			3			X	X	X	
MW-7 112009	11-2009	1250		X				1			3			X	X	X	
MW-8 112009	11-20-09	1310		X				1			3			X	X	X	
Dup 112009	11-20-09	—		X				1			3			X	X	X	
Trip Blank	—	—					X				2			X	X		
Temp	—	—					X	1						X			X
WW-1 112009	11-20-09	1340		X				1			3			X	X	X	

Possible Hazard Identification: ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☒ Disposal By Lab ☐ Archive For ______ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☒ 14 Days ☐ 21 Days ☐ Other ______

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: [signature]	11-20-09	1730	1. Received By		
2. Relinquished By			2. Received By: [signature]	11-21-09	1025
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

Login Sample Receipt Check List

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 600-17868-1

Login Number: 17868
Creator: Clarke, Michael (Mike) C
List Number: 1

List Source: TestAmerica Houston

Question	T / F/ NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	4.1
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Is the Field Sampler's name present on COC?	False	
Sample Preservation Verified	True	

Sample Login Acknowledgement

Client Job Description:	NM F State/039122	**Report To:**	Conestoga-Rovers & Associates, Inc.
Login Number:	600-17868		Todd Wells
Sample Receipt:	11/21/2009 10:25:00AM		
Method of Delivery:	FedEx First Overnight		
Number of Coolers:	1		
Cooler Temperature(s) (C°):	4.10		
Purchase Order #:	4011413		
Work Order #:		**Bill To:**	Conestoga-Rovers & Associates, Inc.
Project Manager:	Sachin G Kudchadkar		Arthur Greeley
Job Due Date:	12/7/2009		
Job TAT:	10 Days		

Lab Sample # / Method	Client Sample ID / Rpt Basis	Job	Date Sampled / Method Description / Work Location	Matrix / Dry / Wet **	Deliverable Information: TAT	Due	Level
600-17868-1	**RW-3 112009**		**11/20/09 11:15**	**Water**			
300.0_28D	Total/NA	17868-1	Chloride / In-Lab	Wet	10 Days	12/7/09	II
8021B	Total/NA	17868-1	BTEX Only List / In-Lab	Wet	10 Days	12/7/09	II
600-17868-2	**MW-3 112009**		**11/20/09 11:35**	**Water**			
300.0_28D	Total/NA	17868-1	Chloride / In-Lab	Wet	10 Days	12/7/09	II
8021B	Total/NA	17868-1	BTEX Only List / In-Lab	Wet	10 Days	12/7/09	II
600-17868-3	**MW-4 112009**		**11/20/09 11:55**	**Water**			
300.0_28D	Total/NA	17868-1	Chloride / In-Lab	Wet	10 Days	12/7/09	II
8021B	Total/NA	17868-1	BTEX Only List / In-Lab	Wet	10 Days	12/7/09	II
600-17868-4	**MW-5 112009**		**11/20/09 12:15**	**Water**			
300.0_28D	Total/NA	17868-1	Chloride / In-Lab	Wet	10 Days	12/7/09	II
8021B	Total/NA	17868-1	BTEX Only List / In-Lab	Wet	10 Days	12/7/09	II
600-17868-5	**MW-6 112009**		**11/20/09 12:30**	**Water**			
300.0_28D	Total/NA	17868-1	Chloride / In-Lab	Wet	10 Days	12/7/09	II
8021B	Total/NA	17868-1	BTEX Only List / In-Lab	Wet	10 Days	12/7/09	II
600-17868-6	**MW-7 112009**		**11/20/09 12:50**	**Water**			
300.0_28D	Total/NA	17868-1	Chloride / In-Lab	Wet	10 Days	12/7/09	II
8021B	Total/NA	17868-1	BTEX Only List / In-Lab	Wet	10 Days	12/7/09	II
600-17868-7	**MW-8 112009**		**11/20/09 13:10**	**Water**			
300.0_28D	Total/NA	17868-1	Chloride / In-Lab	Wet	10 Days	12/7/09	II
8021B	Total/NA	17868-1	BTEX Only List / In-Lab	Wet	10 Days	12/7/09	II
600-17868-8	**Dup 112009**		**11/20/09 0:00**	**Water**			
300.0_28D	Total/NA	17868-1	Chloride / In-Lab	Wet	10 Days	12/7/09	II
8021B	Total/NA	17868-1	BTEX Only List / In-Lab	Wet	10 Days	12/7/09	II
600-17868-9	**Trip Blank**		**11/20/09 0:00**	**Water**			
300.0_28D	Total/NA	17868-1	Chloride / In-Lab	Wet	10 Days	12/7/09	II
8021B	Total/NA	17868-1	BTEX Only List / In-Lab	Wet	10 Days	12/7/09	II
600-17868-10	**WW-1 112009**		**11/20/09 13:40**	**Water**			
300.0_28D	Total/NA	17868-1	Chloride / In-Lab	Wet	10 Days	12/7/09	II
8021B	Total/NA	17868-1	BTEX Only List / In-Lab	Wet	10 Days	12/7/09	II

* Method on-hold

** Wet/Dry indicates whether the reported results will be corrected for moisture content, and based on sample Wet weight or Dry weight.