GW - 29

MONITORING REPORTS

DATE: 2006

Matthew P. Hudson
Remediation Project Manager

Abandonment Business Unit
Chevron Environmental Management Company
11111 S Wilcrest Dr
Room N2104A
Houston, TX 77009
Tel 281 561 3466
Fax 281 561 3841
mhkw@chevron.com

2007 FEB 20 PM 12 20

February 16, 2007

Mr. Wayne Price
New Mexico Oil Conservation Division
1220 So. St. Francis Drive
Santa Fe, New Mexico 87505

Subject: 2006 Annual Groundwater Monitoring Report
Buckeye Compressor Station, Lea County, New Mexico
OGRID No. 4323

Dear Mr. Price:

Please find enclosed one copy of the above-referenced report. This report provides information and details on the groundwater monitoring activities completed by SECOR International, Inc. (SECOR) during 2006.

Should you have any questions concerning this report or the on-going work, please call myself at (281) 561-3466 or Eric Page with SECOR at (713) 937-7973.

Sincerely,

Matthew P. Hudson

Enclosure

cc: Ms. Patricia Caperton, NMOCD (electronic copy)
Mr. Eric Page, SECOR (cover letter only)

SECOR

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January 19, 2007

Mr. Scott Toner
Environmental Project Manager
Chevron Environmental Management Company
MidContinent Business Unit
11111 South Wilcrest
Houston, TX 77099

RE: 2006 Annual Groundwater Monitoring Report
Buckeye Compressor Station
Lea County, NM
89CH.49387.71

Dear Mr. Toner:

Enclosed are two copies of the 2006 Groundwater Monitoring Report for the Buckeye Compressor Station (final report) as well as two copies on CD containing the full report contents.

If you have any comments or questions regarding the report content or conclusion, please feel free to contact me by phone at (713) 937-7973 x-227.

Sincerely,
SECOR International Incorporated

Eric Page
Sr. Project Manager

Gale McKinley
Staff Geologist

Attachments:

2006 Annual Groundwater Monitoring Report, Buckeye Compressor Station, Lea County, NM

CC
SECOR file

2006 ANNUAL GROUNDWATER MONITORING REPORT
BUCKEYE COMPRESSOR STATION
LEA COUNTY, NM
January 2007
89CH.49387. 71

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1.0 INTRODUCTION

1.1 Site Setting

The Buckeye Compressor Station site is located in Unit Letter O (SW/4, SE/4), Section 36, Township 17 South, Range 34 East, Lea County, New Mexico (**Figure 1**). The site is immediately north of County Road 57 and is the location of a Dynegy compressor station. The site was originally owned and operated by Texaco Exploration and Production Inc. (Texaco) and operated as the Texaco Buckeye Gas Plant. Chevron North America Exploration and Production Company (Chevron) retains environmental liability. The Buckeye Vacuum Field Unit is located to the south of the compressor station, across County Road 57. Surrounding properties include oil fields and ranch lands. The overall site plan is presented in **Figure 2**.

1.2 Environmental and Remediation History

Chevron conducted an investigation to identify the source and extent of dissolved benzene that was detected in a groundwater sample from an inactive well that previously was used for non-potable water at the site. An initial investigation including the installation of eight monitor wells (MW-1 through MW-8) was completed in June 2002. A report dated August 15, 2002, was submitted to the New Mexico Oil Conservation Division (NMOCD). The report proposed the installation of additional monitor wells in order to delineate the limits of the dissolved benzene plume. Monitor wells MW-9 through MW-15 were installed in November 2002 and a report documenting the installation dated November 18, 2002 was submitted to the NMOCD. Six additional monitor wells (MW-16 through MW-21) were installed in October 2003 and the installation results were submitted in a report dated February 12, 2004.

The February 2004 report included groundwater analytical results from August and October 2003 showing benzene concentrations ranging from less than 0.01 mg/L to 3.3 mg/L (MW-3). The area of highest benzene concentration was bounded by monitor wells MW-6, MW-4, MW-14 and MW-3 with a second area evident around MW-19 in southern portion of the Dynegy gas plant.

Ongoing field activities include semi-annual sampling of the 21 monitor wells for BTEX and chloride.

2.0 2006 FIELD ACTIVITIES

The Buckeye Compressor Station monitor wells MW-1 through MW-21 were gauged and sampled in April and October 2006.

2.1 Monitor Well Gauging

Groundwater elevation measurements were taken with an electronic water/hydrocarbon interface probe prior to sampling. The historic static water levels and groundwater elevations are included in **Table 1**. Potentiometric groundwater surface maps for April 2006 and October 2006 sampling events are provided as **Figures 3 and 4**. Groundwater elevations ranged from 3,858.67 to 3,860.99 feet above mean sea level (AMSL) across the site. The groundwater flow direction is toward the northeast with an average hydraulic gradient of approximately 0.0024 vertical feet per horizontal foot.

2.2 Groundwater Sample Collection

Groundwater samples were collected on April 11-12 and October 11-12, 2006 from 21 and 20 monitor wells, respectively. Monitor well MW-14 was not sampled in October due to the presence of a work-over rig. Prior to sample collection, the wells were purged of a minimum of three well casing volumes of groundwater. The groundwater samples were collected using disposable PVC bailers and then transferred to sample containers provided by the laboratory. They were labeled by the field groundwater sampler, placed on ice in a cooler, kept at a temperature of 4°C, and shipped under chain-of-custody to Lancaster Laboratories in Lancaster, Pennsylvania for laboratory analysis. The groundwater samples were analyzed for BTEX (EPA Method 8260B) and chloride (EPA Method 300.0). The results of all the 2006 sampling events are presented in **Table 2.** Laboratory analytical reports for each sampling event of 2006 are included in the Appendices.

3.0 ANALYTICAL RESULTS

The NMOCD provides regulatory oversight for this site, but uses the remediation standards set by the New Mexico Water Quality Control Commission (NMWQCC) as shown below:

Parameter	Remediation Standard (mg/L)
Chloride	250
Benzene	0.01
Toluene	0.75
Ethylbenzene	0.75
Total xylenes	0.62

3.1 April 2006 Sampling Event

3.1.1 BTEX

BTEX concentrations are summarized in **Table 2**. An isopleth map of benzene concentrations for the April 2006 sampling event is presented as **Figure 5**. Detectable benzene concentrations ranged from 0.0033 mg/L (MW-10) to 16.0 mg/L (MW-19). Seventeen of the 21 monitor wells sampled exhibited benzene concentrations that exceeded the NMWQCC standard of 0.01 mg/L.

Toluene was detected above the NMWQCC standard of 0.75 mg/L in the groundwater sample collected from MW-19 (2.4 mg/L). Toluene was also detected in the groundwater samples collected from 15 other monitor wells, but the concentrations were below the NMWQCC standard. Ethylbenzene was detected in groundwater samples collected from 16 monitor wells. All concentrations were below the NMWQCC standard of 0.75 mg/L. Total xylenes were detected in groundwater samples collected from 15 monitor wells. All the concentrations were below the NMWQCC standard of 0.62 mg/L.

3.1.2 Chloride

The 21 groundwater samples collected in April 2006 were analyzed for chloride (**Table 2**). Chloride concentrations ranged from 16.9 mg/L (MW-7) to 115 mg/L (MW-13). All chloride concentrations were below the NMWQCC standard of 250 mg/L.

3.2 October 2006 Sampling Event

3.2.1 BTEX

BTEX concentrations are summarized in **Table 2**. An isopleth map of benzene concentrations for the October 2006 sampling event is presented as **Figure 6**. Detectable benzene concentrations ranged from 0.0037 mg/L (MW-10) to 11.0 mg/L (MW-19). Sixteen of the 20 monitor wells sampled exhibited benzene concentrations that exceeded the NMWQCC standard of 0.01 mg/L.

Toluene was detected above the NMWQCC standard of 0.75 mg/L in the groundwater samples collected from MW-3 (1.8 mg/L) and MW-19 (2.0 mg/L). Toluene was also detected in the groundwater samples collected from six additional monitor wells, but the

concentrations were below the NMWQCC standard. Ethylbenzene was detected in groundwater samples from eleven monitor wells. All concentrations were below the NMWQCC standard of 0.75 mg/L. Total xylenes were detected in groundwater samples collected from 10 monitor wells. All the concentrations were below the NMWQCC standard of 0.62 mg/L.

3.2.2 Chloride

The groundwater samples collected in October 2006 were analyzed for chloride concentrations (**Table 2**). Chloride concentrations ranged from 21.7 mg/L (MW-20) to 154 mg/L (MW-17). All chloride concentrations were below the NMWQCC standard of 250 mg/L.

4.0 SUMMARY

The findings from the 2006 groundwater monitoring events are as follows:

- Groundwater elevations ranged from 3,858.67 to 3,860.99 feet AMSL during 2006. Depth to groundwater ranged from 128.80 feet (MW-12) to 133.15 feet (MW-21) below top of casing (TOC). The groundwater flow direction is toward the northeast, with an approximate hydraulic gradient of 0.0024 vertical feet per horizontal foot.

- April 2006 Sampling Event

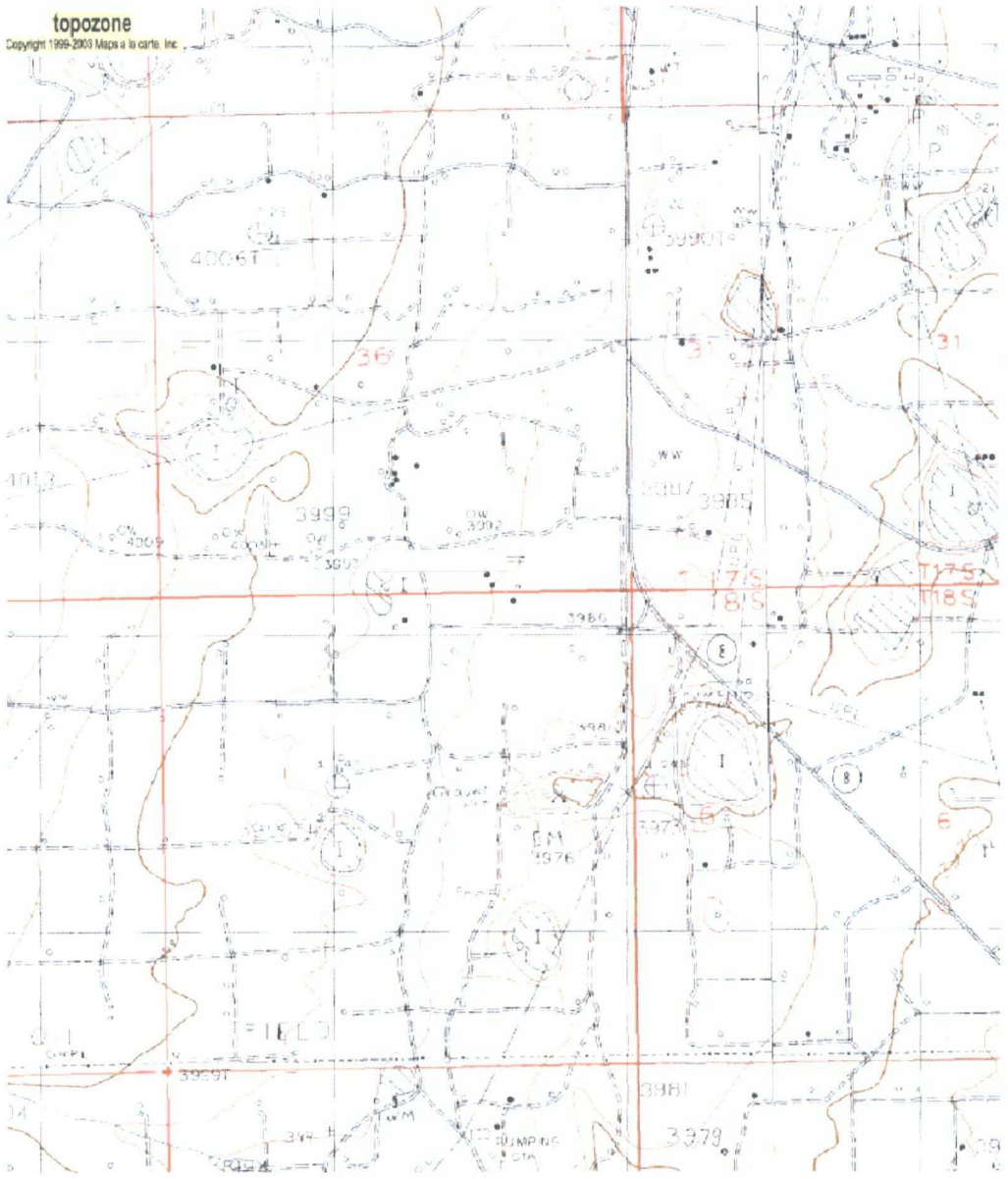
    - Detectable benzene concentrations ranged from 0.0033 mg/L (MW-10) to 16.0 mg/L (MW-19). Seventeen of the 21 monitor wells sampled exhibited benzene concentrations that exceeded the NMWQCC standard of 0.01 mg/L. All other BTEX constituents measured were below the NMWQCC standards.
    - Toluene was detected above the NMWQCC standard of 0.75 mg/L in the groundwater sample collected from MW-19 (2.4 mg/L). All other BTEX constituents detected were below state standards.
    - Groundwater samples were analyzed for chloride. All the concentrations measured were below NMWQCC standards. The highest measured chloride concentration was 115 mg/L (MW-13)

- October 2006 Sampling Event

    - Detectable benzene concentrations ranged from 0.0037 mg/L (MW-10) to 11.0 mg/L (MW-19). Sixteen of the 20 monitor wells sampled exhibited benzene concentrations that exceeded the NMWQCC standard of 0.01 mg/L. All other BTEX constituents measured were below the NMWQCC standards.
    - Toluene was detected above the NMWQCC standard of 0.75 mg/L in the groundwater samples collected from MW-3 (1.8 mg/L) and MW-19 (2.0 mg/L). All other BTEX constituents detected were below state standards.
    - Groundwater samples were analyzed for chloride. All the concentrations measured were below NMWQCC standards. The highest measured chloride concentration was 154 mg/L (MW-17).

The benzene plume consists of two areas of elevated concentrations centered on monitor wells MW-19 and MW-4. There has been no change in the movement of the plume during 2005 and 2006.

FIGURES



N

NEW MEXICO

1 1/2 0 1

SCALE IN MILE

1000 0 1000 2000 3000 4000 5000 6000 7000

SCALE IN FEET

REFERENCE: USGS 7.5 MINUTE QUADRANGLE; BUCKEYE, NEW MEXICO; 1985

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PHONE: (713) 937-7973

FOR:
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
BUCKEYE COMPRESSOR STATION
LEA COUNTY, NEW MEXICO

SITE LOCATION MAP

FIGURE: **1**

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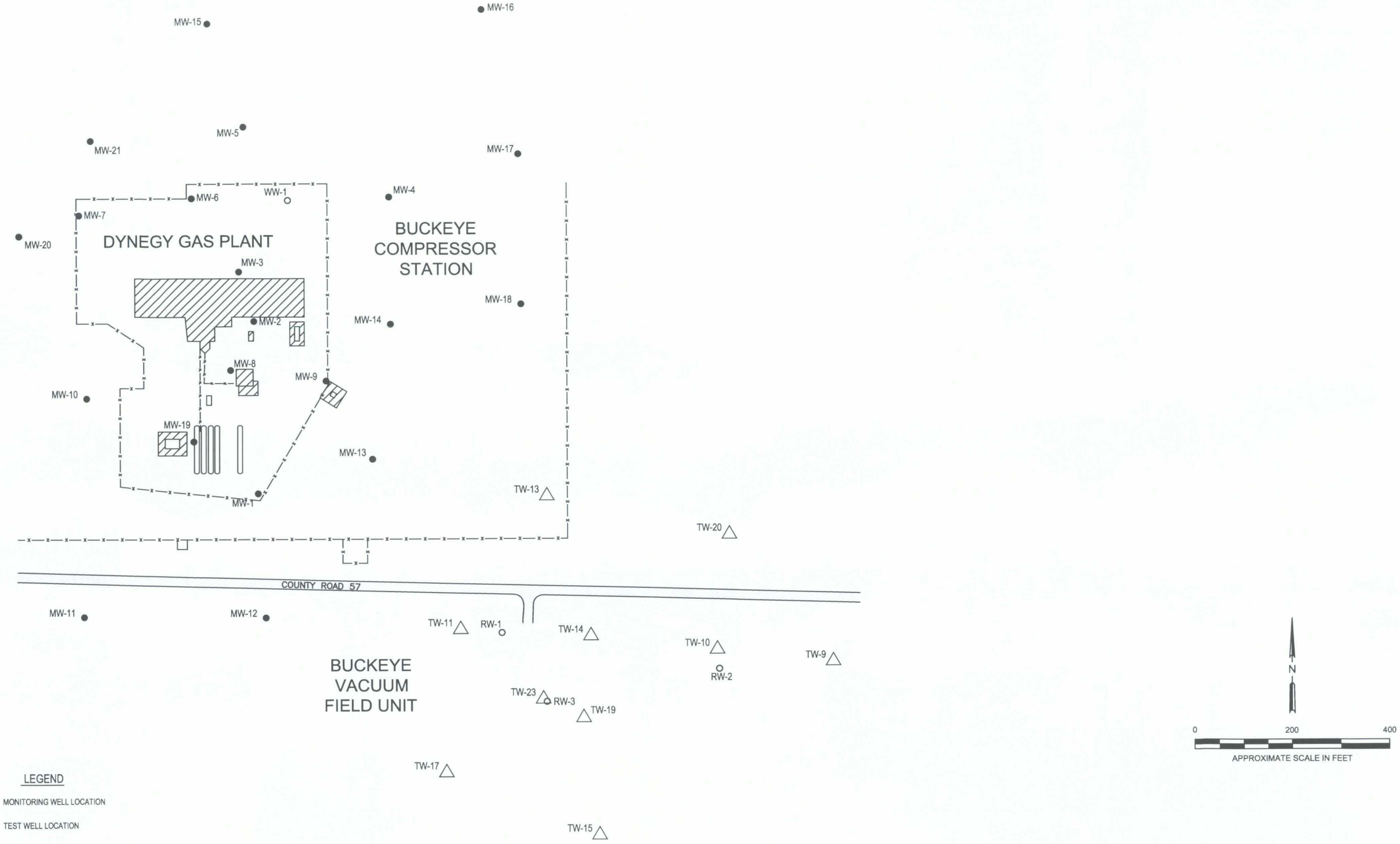

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BUCKEYE COMPRESSOR STATION
LEA COUNTY, NEW MEXICO

SITE PLAN

FIGURE: **2**

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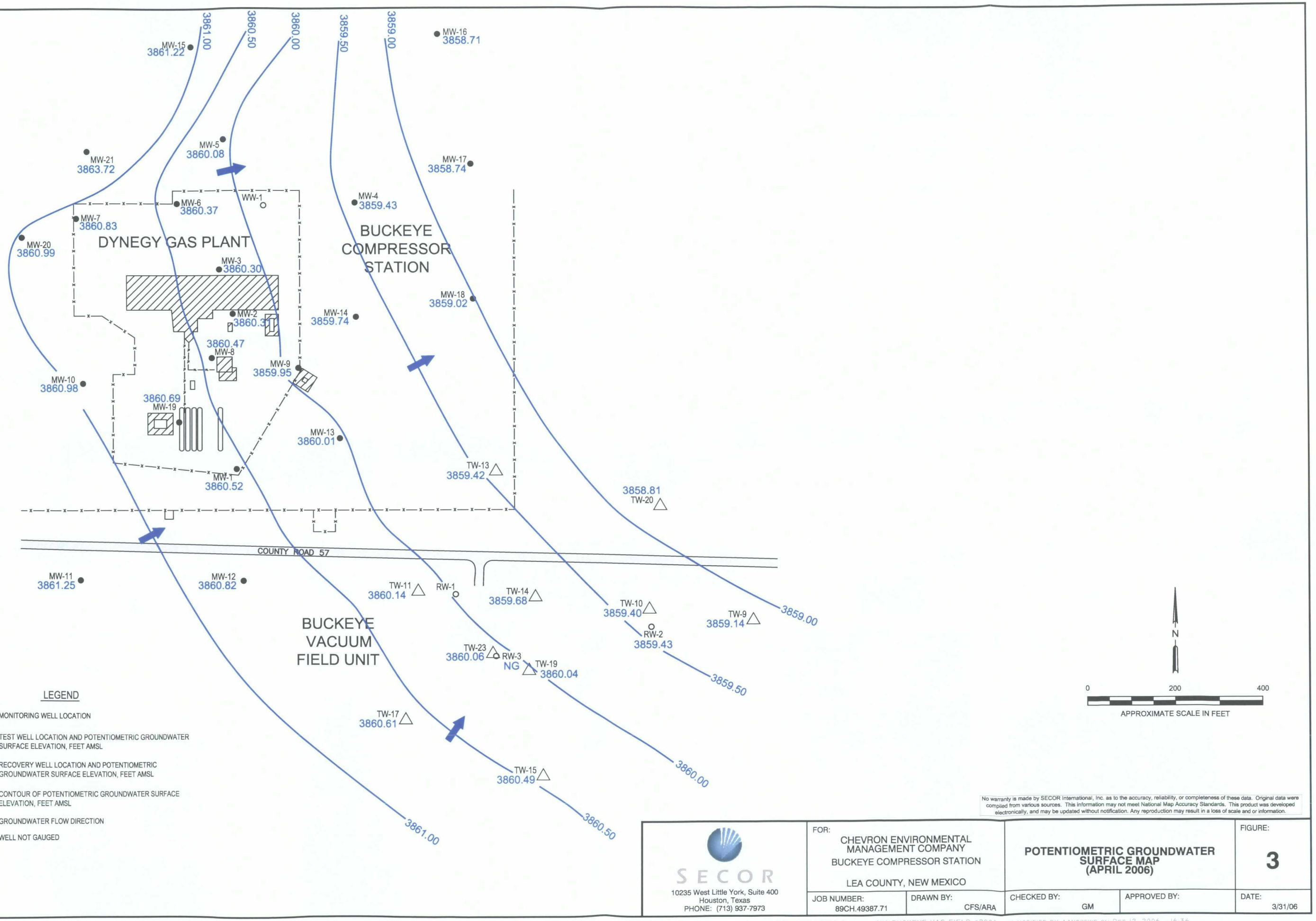

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FOR:
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BUCKEYE COMPRESSOR STATION
LEA COUNTY, NEW MEXICO

POTENTIOMETRIC GROUNDWATER SURFACE MAP (APRIL 2006)

FIGURE: **3**

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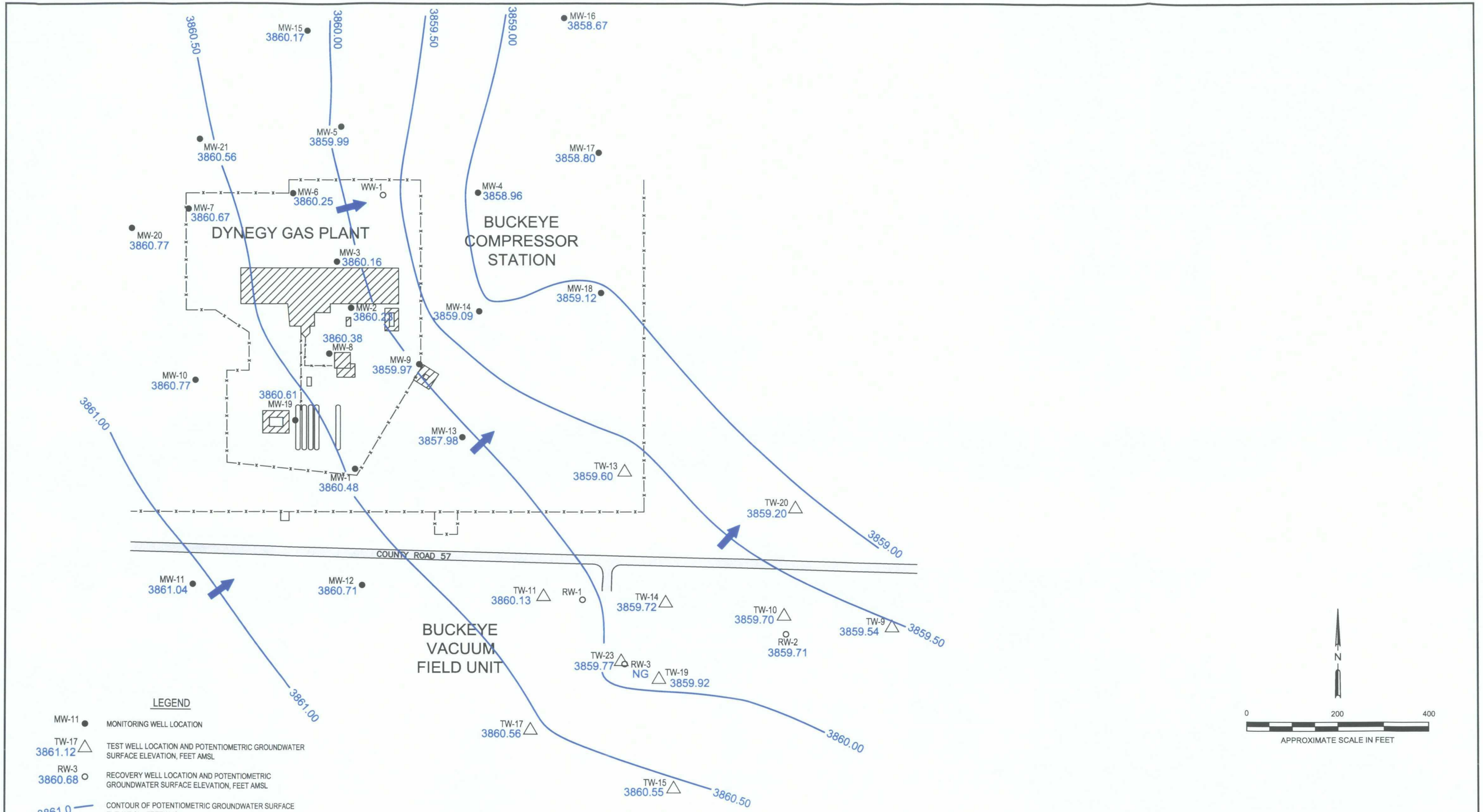

LEGEND

- MW-11 ● — MONITORING WELL LOCATION
- TW-17 △ 3861.12 — TEST WELL LOCATION AND POTENTIOMETRIC GROUNDWATER SURFACE ELEVATION, FEET AMSL
- RW-3 ○ 3860.68 — RECOVERY WELL LOCATION AND POTENTIOMETRIC GROUNDWATER SURFACE ELEVATION, FEET AMSL
- 3861.0 — CONTOUR OF POTENTIOMETRIC GROUNDWATER SURFACE ELEVATION, FEET AMSL
- GROUNDWATER FLOW DIRECTION
- NG — WELL NOT GAUGED

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FOR:
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
BUCKEYE COMPRESSOR STATION
LEA COUNTY, NEW MEXICO

POTENTIOMETRIC GROUNDWATER SURFACE MAP (OCTOBER 2006)

FIGURE: 4

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
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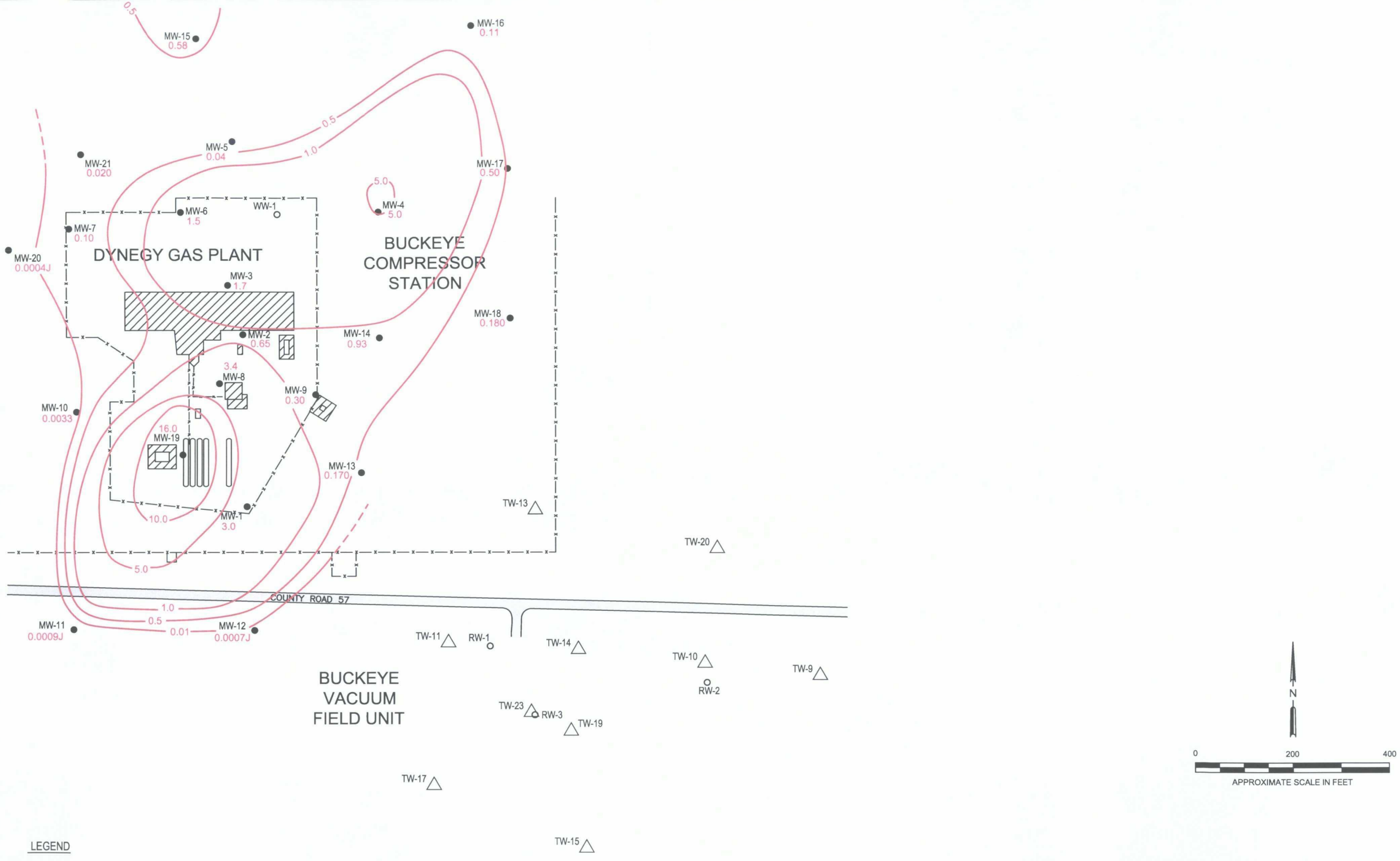

LEGEND

MW-11 ● 178	MONITORING WELL LOCATION AND BENZENE CONCENTRATION IN GROUNDWATER, (mg/l)
TW-17 △	TEST WELL LOCATION
RW-3 ○	RECOVERY WELL LOCATION
1.0 —	CONTOUR OF BENZENE CONCENTRATION IN GROUNDWATER, (mg/l)
mg/l	MILLIGRAMS PER LITER
J	REPORTED AS AN ESTIMATED VALUE

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Houston, Texas
PHONE: (713) 937-7973

FOR:
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
BUCKEYE COMPRESSOR STATION
LEA COUNTY, NEW MEXICO

ISOPLETH MAP OF BENZENE CONCENTRATIONS IN GROUNDWATER (APRIL 2006)

FIGURE: 5

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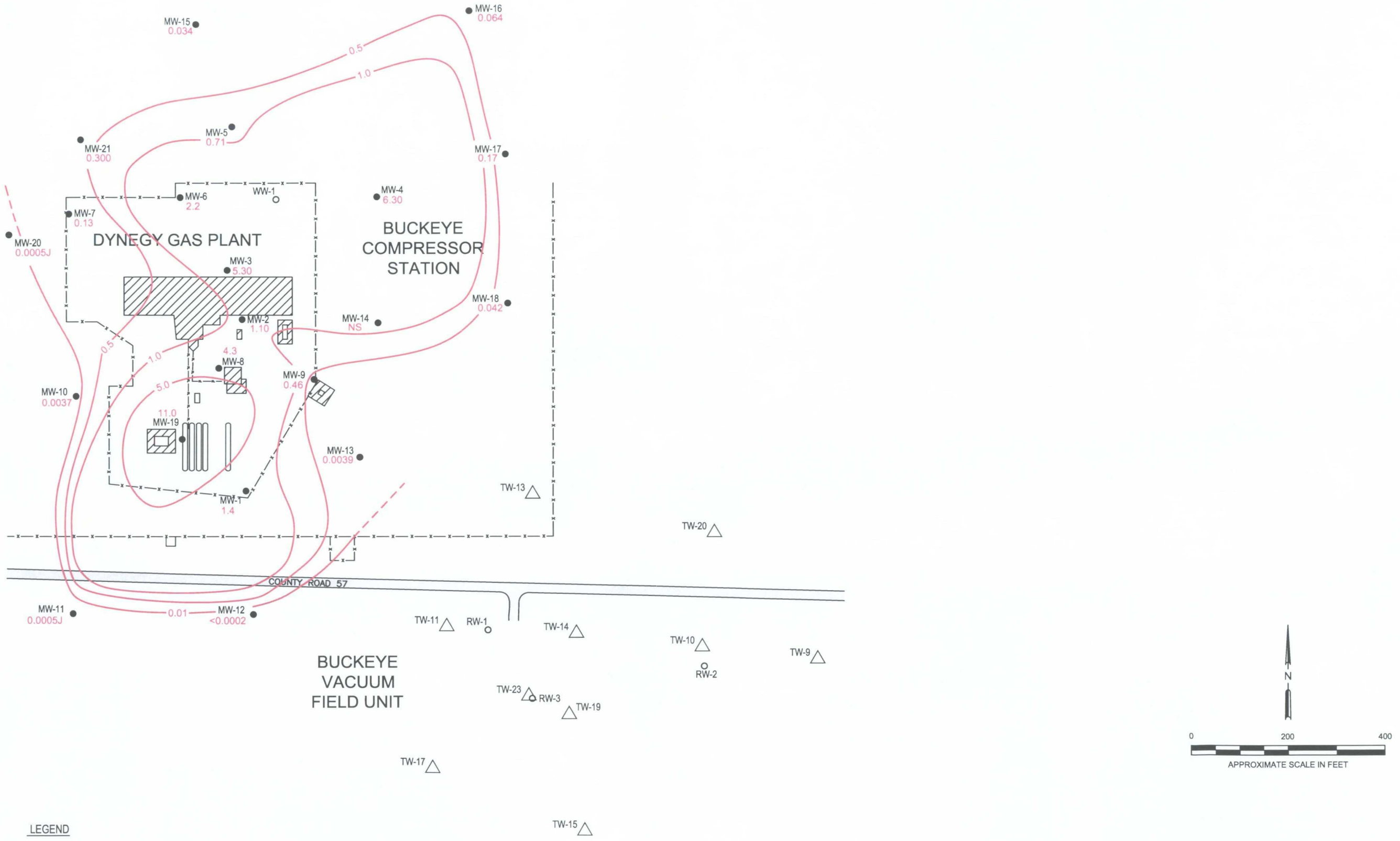

LEGEND

MW-11 ● 178	MONITORING WELL LOCATION AND BENZENE CONCENTRATION IN GROUNDWATER, (mg/l)
TW-17 △	TEST WELL LOCATION
RW-3 ○	RECOVERY WELL LOCATION
1.0 —	CONTOUR OF BENZENE CONCENTRATION IN GROUNDWATER, (mg/l)
mg/l	MILLIGRAMS PER LITER
NS	NOT SAMPLED
J	REPORTED AS AN ESTIMATED VALUE

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FOR:
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
BUCKEYE COMPRESSOR STATION
LEA COUNTY, NEW MEXICO

ISOPLETH MAP OF BENZENE CONCENTRATIONS IN GROUNDWATER (OCTOBER 2006)

FIGURE: 6

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
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TABLES

Table 1
Historical Groundwater Elevations
Buckeye Compressor Station
Lea County, NM

Monitoring Well ID	Date Gauged	TOC Elevation (ft.)	Depth To Water (ft.)	Water Elevation (ft.)
MW-1	06/19/02	3990.85	132.49	3858.36
	07/29/02	3990.85	132.55	3858.30
	10/08/02	3990.85	132.26	3858.59
	08/11/03	3990.85	130.33	3860.52
	02/16/05	3990.85	129.06	3861.79
	04/07/06	3990.85	130.33	3860.52
	10/12/06	3990.85	130.37	3860.48
MW-2	06/19/02	3991.08	132.87	3858.21
	07/29/02	3991.08	132.92	3858.16
	10/08/02	3991.08	132.46	3858.62
	08/11/03	3991.08	130.71	3860.37
	02/16/05	3991.08	129.43	3861.65
	04/07/06	3991.08	130.77	3860.31
	10/12/06	3991.08	130.85	3860.23
MW-3	06/19/02	3991.75	133.52	3858.23
	07/29/02	3991.75	133.58	3858.17
	10/08/02	3991.75	133.19	3858.56
	08/11/03	3991.75	131.36	3860.39
	02/16/05	3991.75		not gauged
	04/07/06	3991.75	131.45	3860.30
	10/12/06	3991.75	131.59	3860.16
MW-4	06/19/02	3991.57	134.35	3857.22
	07/29/02	3991.57	134.25	3857.32
	10/08/02	3991.57	133.83	3857.74
	08/11/03	3991.57	131.78	3859.79
	02/16/05	3991.57	130.25	3861.32
	04/07/06	3991.57	132.14	3859.43
	10/12/06	3991.57	132.61	3858.96
MW-5	06/19/02	3992.12	134.05	3858.07
	07/29/02	3992.12	134.06	3858.06
	10/08/02	3992.12	133.73	3858.39
	08/11/03	3992.12	131.91	3860.21
	02/16/05	3992.12	130.86	3861.26
	04/07/06	3992.12	132.04	3860.08
	10/12/06	3992.12	132.13	3859.99
MW-6	06/19/02	3991.94	133.58	3858.36
	07/29/02	3991.94	133.61	3858.33
	10/08/02	3991.94	132.29	3859.65
	08/11/03	3991.94	131.59	3860.35
	02/16/05	3991.94	130.35	3861.59
	04/07/06	3991.94	131.57	3860.37
	10/12/06	3991.94	131.69	3860.25
MW-7	06/19/02	3992.89	133.94	3858.95
	07/29/02	3992.89	134.03	3858.86
	10/08/02	3992.89	133.81	3859.08
	08/11/03	3992.89	132.26	3860.63
	02/16/05	3992.89	130.91	3861.98
	04/07/06	3992.89	132.06	3860.83
	10/12/06	3992.89	132.22	3860.67
MW-8	06/19/02	3991.27	132.81	3858.46
	07/29/02	3991.27	132.93	3858.34
	10/08/02	3991.27	132.20	3859.07
	08/11/03	3991.27	130.78	3860.49
	02/16/05	3991.27	129.53	3861.74
	04/07/06	3991.27	130.80	3860.47
	10/12/06	3991.27	130.89	3860.38
MW-9	10/08/02	3990.40	132.33	3858.07
	08/11/03	3990.40	130.27	3860.13
	02/16/05	3990.40	128.96	3861.44
	04/07/06	3990.40	130.45	3859.95
	10/12/06	3990.40	130.43	3859.97

Notes:
TOC - Top of Casing

Table 1
Historical Groundwater Elevations
Buckeye Compressor Station
Lea County, NM

MW-10	10/08/02	3992.85	133.64	3859.21
	08/11/03	3992.85	132.12	3860.73
	02/16/05	3992.85	130.88	3861.97
	04/07/06	3992.85	131.87	3860.98
	10/12/06	3992.85	132.08	3860.77
MW-11	10/08/02	3991.74	132.18	3859.56
	08/11/03	3991.74	130.68	3861.06
	02/16/05	3991.74	129.43	3862.31
	04/07/06	3991.74	130.49	3861.25
	10/12/06	3991.74	130.70	3861.04
MW-12	10/08/02	3989.62	129.77	3859.85
	08/11/03	3989.62	128.77	3860.85
	02/16/05	3989.62	127.65	3861.97
	04/07/06	3989.62	128.80	3860.82
	10/12/06	3989.62	128.91	3860.71
MW-13	10/08/02	3990.60	132.59	3858.01
	08/11/03	3990.60	130.37	3860.23
	02/16/05	3990.60	129.30	3861.30
	04/07/06	3990.60	130.59	3860.01
	10/12/06	3990.60	132.62	3857.98
MW-14	10/08/02	3991.27	133.31	3857.96
	08/11/03	3991.27	131.17	3860.10
	02/16/05	3991.27	130.12	3861.15
	04/07/06	3991.27	131.53	3859.74
	10/12/06	3991.27	132.18	3859.09
MW-15	10/08/02	3992.42	133.82	3858.60
	08/11/03	3992.42	132.07	3860.35
	02/16/05	3992.42	131.05	3861.37
	04/07/06	3992.42	131.20	3861.22
	10/12/06	3992.42	132.25	3860.17
MW-16	10/22/03	3989.17	129.41	3859.76
	02/16/05	3989.17	129.12	3860.05
	04/07/06	3989.17	130.46	3858.71
	10/12/06	3989.17	130.50	3858.67
MW-17	10/22/03	3989.92	130.21	3859.71
	02/16/05	3989.92	129.70	3860.22
	04/07/06	3989.92	131.18	3858.74
	10/12/06	3989.92	131.12	3858.80
MW-18	10/22/03	3989.96	130.12	3859.84
	02/16/05	3989.96	129.35	3860.61
	04/07/06	3989.96	130.94	3859.02
	10/12/06	3989.96	130.84	3859.12
MW-19	10/22/03	3991.32	130.48	3860.84
	02/16/05	3991.32	129.42	3861.90
	04/07/06	3991.32	130.63	3860.69
	10/12/06	3991.32	130.71	3860.61
MW-20	10/22/03	3992.62	131.55	3861.07
	02/16/05	3992.62	130.65	3861.97
	04/07/06	3992.62	131.63	3860.99
	10/12/06	3992.62	131.85	3860.77
MW-21	10/22/03	3993.71	132.78	3860.93
	02/16/05	3993.71	132.40	3861.31
	04/07/06	3993.71	129.99	3863.72
	10/12/06	3993.71	133.15	3860.56

Notes:
TOC - Top of Casing

Table 2
Summary of BTEX Groundwater Analytical Results
Buckeye Compressor Station
Lea County, NM

Analyte		Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	p/m Xylene (mg/L)	o-Xylene (mg/L)	Total Xylenes (mg/L)	Chloride (mg/L)
Analytical Method		EPA Method 8021B/8260B						EPA 300.0
NM Water Quality Control Commission (WQCC) Standards		0.01	0.75	0.75	0.62		0.62	250
Well Number	Sample Date							
MW-1	6/19/02	**1.74**	0.024	<0.010	<0.010	<0.010	NA	97.5
	10/9/02	**3.56**	<0.010	<0.010	<0.010	<0.010	NA	NA
	8/12/03	**0.555**	0.003	0.003	0.006	<0.001	NA	NA
	8/10/04	**1.5**	<0.010	0.00751	0.00572	<0.010	NA	100.0
	2/18/05	**1.74**	<0.01	<0.01	<0.01	<0.01	NA	96.0
	12/21/05	**4.4**	<0.007	0.017J	NA	NA	<0.008	74.6
	4/11/06	**3.0**	<0.002	0.0063J	NA	NA	<0.006	73.1
	10/12/06	**1.4**	0.051	0.023	NA	NA	0.019	81.9
MW-2	6/19/02	**1.15**	<0.005	0.009	0.008	<0.005	NA	88.6
	10/9/02	**1.73**	<0.010	0.017	0.023	<0.010	NA	NA
	8/12/03	**0.947**	<0.005	0.007	0.007	<0.005	NA	NA
	8/10/04	**0.149**	0.000773	0.001060	0.002010	0.000283	NA	78.0
	2/18/05	**1.15**	<0.010	0.0115	0.0183	<0.010	NA	169.0
	12/21/05	**15.0**	**4.0**	**0.760**	NA	NA	**0.700**	62.4
	4/11/06	**0.65**	0.110	0.035	NA	NA	0.028	87.4
	10/12/06	**1.10**	0.190	0.017	NA	NA	0.029	81.1
MW-3	6/20/02	**1.05**	0.739	0.345	0.300	0.116	NA	56.1
	10/9/02	**4.8**	**1.240**	0.088	0.125	0.053	NA	NA
	8/11/03	**3.3**	**1.130**	0.240	0.203	0.069	NA	NA
	8/10/04	**2.57**	**1.190**	0.185	0.158	0.0638	NA	49.6
	2/18/05*	---	---	---	---	---	---	---
	12/20/05*	---	---	---	---	---	---	---
	4/11/06	**1.70**	0.620	0.091	NA	NA	0.086	47.7
	10/12/06	**5.30**	**1.8**	0.16	NA	NA	0.240	60.2
MW-4	6/20/02	0.001	<0.001	<0.001	<0.001	<0.001	NA	142.0
	10/9/02	**0.705**	<0.005	0.005	0.011	<0.005	NA	NA
	8/13/03	**2.39**	<0.005	0.012	0.006	<0.005	NA	NA
	8/11/04	**3.73**	0.0409	0.0770	0.0242	0.0129	NA	44.3
	2/18/05	**6.85**	0.00358J	0.0428	0.0239	0.00441J	NA	43.0
	12/20/05	**4.80**	<0.001	0.0350	NA	NA	0.0180	50.5
	4/12/06	**5.00**	0.014	0.0500	NA	NA	0.018J	42.9
	10/11/06	**6.30**	0.0031J	0.0390	NA	NA	0.0200	52.6

Notes:
BTEX-Benzene, Toluene, Ethylbenzene, Xylenes
mg/L-Milligrams per liter
J - Reported as an estimate
--- No data available
NA-Not analyzed
Bold-Value exceeds WQCC standard

* - Not sampled due to the presence of H_2S

Table 2
Summary of BTEX Groundwater Analytical Results
Buckeye Compressor Station
Lea County, NM

Analyte		Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	p/m Xylene (mg/L)	o-Xylene (mg/L)	Total Xylenes (mg/L)	Chloride (mg/L)
Analytical Method		EPA Method 8021B/8260B						EPA 300.0
NM Water Quality Control Commission (WQCC) Standards		0.01	0.75	0.75	0.62		0.62	250
Well Number	Sample Date							
MW-5	6/20/02	0.002	<0.001	<0.001	<0.001	<0.001	NA	160.0
	10/9/02	**0.489**	<0.001	<0.001	<0.001	<0.001	NA	NA
	8/13/03	**0.361**	0.002	0.001	0.002	<0.001	NA	NA
	8/12/04	**0.169**	0.000468	0.002130	0.002030	0.000275	NA	63.8
	2/18/05	**0.125**	<0.001	0.000784J	0.00219	0.000267J	NA	48.8
	12/21/05	**0.30**	<0.0007	0.002J	NA	NA	0.002J	36.1
	4/12/06	**0.04**	0.014	0.0055	NA	NA	0.0055	26.9
	10/12/06	**0.71**	0.200	0.0360	NA	NA	0.0390	31.5
MW-6	6/20/02	**0.444**	<0.001	<0.001	<0.001	<0.001	NA	28.4
	10/9/02	**5.45**	<0.010	<0.010	0.032	<0.010	NA	NA
	8/12/03	**1.63**	<0.005	<0.005	0.010	<0.005	NA	NA
	8/10/04	**0.827**	0.000647	0.000769	0.006030	0.000170	NA	24.8
	2/18/05	**1.62**	<0.0050	<0.0050	<0.0050	<0.0050	NA	31.9
	12/21/05	**1.8**	<0.001	<0.002	NA	NA	0.005J	25.8
	4/11/06	**1.5**	0.330	0.043	NA	NA	0.049	49.5
	10/12/06	**2.2**	<0.001	0.0028J	NA	NA	0.015	39.1
MW-7	6/20/02	0.001	<0.001	<0.001	<0.001	<0.001	NA	31.9
	10/9/02	**0.086**	<0.001	<0.001	0.001	<0.001	NA	NA
	8/12/03	**0.241**	<0.001	<0.001	0.002	<0.001	NA	NA
	8/10/04	**0.0436**	<0.001	<0.001	<0.001	<0.001	NA	19.5
	2/18/05	**0.0375**	<0.001	<0.001	<0.001	<0.001	NA	23.5
	12/21/05	**0.012**	<0.0007	<0.0008	NA	NA	<0.0008	18.0
	4/12/06	**0.10**	0.043	0.0086	NA	NA	0.0083	16.9
	10/12/06	**0.13**	0.0002J	0.0006J	NA	NA	0.0009J	31.9
MW-8	6/20/02	**1.23**	<0.005	0.046	0.021	<0.005	NA	31.9
	10/9/02	**0.579**	<0.005	0.031	0.018	<0.005	NA	NA
	8/12/03	**0.673**	0.001	0.010	0.013	<0.001	NA	NA
	8/10/04	**0.441**	0.000976	0.047000	0.014800	0.000492	NA	42.1
	2/18/05	**2.32**	0.00919J	0.0483	0.0205	<0.010	NA	56.3
	12/21/05	**4.6**	0.051	0.460	NA	NA	0.120	56.1
	4/11/06	**3.4**	0.170	0.170	NA	NA	0.072	50.6
	10/12/06	**4.3**	0.180	0.260	NA	NA	0.098	49.3

Notes:
BTEX-Benzene, Toluene, Ethylbenzene, Xylenes
mg/L-Milligrams per liter
J - Reported as an estimate
--- No data available
NA-Not analyzed
Bold-Value exceeds WQCC standard

Table 2
Summary of BTEX Groundwater Analytical Results
Buckeye Compressor Station
Lea County, NM

Analyte		Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	p/m Xylene (mg/L)	o-Xylene (mg/L)	Total Xylenes (mg/L)	Chloride (mg/L)
Analytical Method		EPA Method 8021B/8260B						EPA 300.0
NM Water Quality Control Commission (WQCC) Standards		0.01	0.75	0.75	0.62		0.62	250
Well Number	Sample Date							
MW-9	10/9/02	0.004	0.001	<0.001	0.023	<0.001	NA	NA
	8/12/03	**0.083**	0.002	<0.001	0.007	<0.001	NA	NA
	8/10/04	0.00376	0.000844	0.000347	0.002030	0.000423	NA	230.0
	2/18/05	0.000947J	<0.001	0.000216J	0.00915	0.000357J	NA	34.0
	12/21/05	0.0007J	<0.0007	<0.0008	NA	NA	0.019	23.9
	4/11/06	**0.30**	0.150	0.027	NA	NA	0.032	77.5
	10/12/06	**0.46**	0.093	0.025	NA	NA	0.025	58.8
MW-10	10/8/02	**0.029**	<0.001	<0.001	<0.001	<0.001	NA	NA
	8/12/03	**0.060**	<0.001	<0.001	<0.001	<0.001	NA	NA
	8/11/04	**0.0504**	0.000209	0.000432	0.000605	<0.001	NA	35.4
	2/18/05	**0.0220**	<0.001	<0.001	<0.001	<0.001	NA	36.5
	12/20/05	0.0240	<0.0007	0.002J	NA	NA	0.002J	48.1
	4/11/06	0.0033	0.0003J	<0.0002	NA	NA	<0.0006	38.4
	10/11/06	0.0037	<0.0002	<0.0002	NA	NA	<0.0006	33.3
MW-11	10/8/02	<0.001	<0.001	<0.001	<0.001	<0.001	NA	NA
	8/13/03	<0.001	<0.001	<0.001	<0.001	<0.001	NA	NA
	8/11/04	<0.001	<0.001	<0.001	<0.001	<0.001	NA	47.9
	2/18/05	<0.001	<0.001	<0.001	<0.001	<0.001	NA	50.1
	12/20/05	0.0006J	<0.0007	<0.0008	NA	NA	<0.0008	43.1
	4/11/06	0.0009J	0.0002J	<0.0002	NA	NA	<0.0006	39.8
	10/11/06	0.0005J	0.0003J	<0.0002	NA	NA	<0.0006	56.1
MW-12	10/8/02	<0.001	<0.001	<0.001	<0.001	<0.001	NA	NA
	8/13/03	<0.001	<0.001	<0.001	<0.001	<0.001	NA	NA
	8/11/04	<0.001	<0.001	<0.001	<0.001	<0.001	NA	40.8
	2/18/05	0.000994J	<0.001	<0.001	<0.001	<0.001	NA	45.2
	12/20/05	<0.0005	<0.0007	<0.0008	NA	NA	<0.0008	41.3
	4/11/06	0.0007J	<0.0002	<0.0002	NA	NA	<0.0006	37.2
	10/11/06	<0.0002	0.0002J	<0.0002	NA	NA	<0.0006	103.0
MW-13	10/8/02	**0.065**	<0.001	<0.001	<0.001	<0.001	NA	NA
	8/13/03	**0.060**	0.002	<0.001	<0.001	<0.001	NA	NA
	8/11/04	0.00365	<0.001	<0.001	<0.001	<0.001	NA	62.0
	2/18/05	0.00297	<0.001	<0.001	<0.001	<0.001	NA	72.4
	12/20/05	**0.038**	<0.0007	<0.0008	NA	NA	<0.0008	86.4
	4/12/06	**0.170**	0.015	0.005	NA	NA	0.0051	115.0
	10/11/06	0.0039	<0.0002	<0.0002	NA	NA	<0.0006	103.0

Notes:
BTEX-Benzene, Toluene, Ethylbenzene, Xylenes
mg/L-Milligrams per liter
J - Reported as an estimate
--- No data available
NA-Not analyzed
Bold-Value exceeds WQCC standard

Table 2
Summary of BTEX Groundwater Analytical Results
Buckeye Compressor Station
Lea County, NM

Analyte		Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	p/m Xylene (mg/L)	o-Xylene (mg/L)	Total Xylenes (mg/L)	Chloride (mg/L)
Analytical Method		EPA Method 8021B/8260B						EPA 300.0
NM Water Quality Control Commission (WQCC) Standards		0.01	0.75	0.75	0.62		0.62	250
Well Number	Sample Date							
MW-14	10/9/02	**3.63**	0.014	0.098	0.169	0.018	NA	NA
	8/13/03	**1.65**	0.014	0.165	0.242	0.018	NA	NA
	8/11/04	**0.786**	0.0464	0.172	0.196	0.0308	NA	111.0
	2/18/05	**1.34**	0.0378	0.159	0.146	0.0319	NA	103.0
	12/20/05	**2.80**	0.049	**0.750**	NA	NA	0.6700	82.1
	4/12/06	**0.93**	0.053	0.055	NA	NA	0.053	30.7
	10/12/06	NS	NS	NS	NS	NS	NS	NS
MW-15	10/9/02	<0.001	<0.001	<0.001	<0.001	<0.001	NA	NA
	8/13/03	<0.001	<0.001	<0.001	<0.001	<0.001	NA	NA
	8/12/04	<0.001	<0.001	<0.001	<0.001	<0.001	NA	60.3
	2/18/05	<0.001	<0.001	<0.001	<0.001	<0.001	NA	78.0
	12/20/05	0.006	<0.0007	0.003J	NA	NA	0.002J	79.2
	4/12/06	**0.58**	0.054	0.018	NA	NA	0.016	54.8
	10/11/06	**0.034**	<0.0002	0.0008J	NA	NA	<0.0006	91.6
MW-16	10/23/03	<0.001	<0.001	<0.001	<0.001	<0.001	NA	60.3
	8/12/04	<0.001	<0.001	<0.001	<0.001	<0.001	NA	65.6
	2/18/05	<0.001	<0.001	<0.001	<0.001	<0.001	NA	60.0
	12/20/05	0.007	<0.0007	0.002J	NA	NA	0.001J	48.3
	4/12/06	**0.110**	0.024	0.011	NA	NA	0.0097	33.3
	10/11/06	**0.064**	<0.0002	0.001	NA	NA	0.0006J	49.3
MW-17	10/23/03	<0.001	<0.001	<0.001	<0.001	<0.001	NA	**292.0**
	8/12/04	<0.001	<0.001	<0.001	<0.001	<0.001	NA	230.0
	2/18/05	<0.001	<0.001	<0.001	<0.001	<0.001	NA	160.0
	12/20/05	**0.053**	<0.004	<0.004	NA	NA	<0.004	116.0
	4/12/06	**0.50**	0.07	0.012	NA	NA	0.013	55.4
	10/11/06	**0.17**	<0.0002	0.0024	NA	NA	0.0014J	154.0
MW-18	10/23/03	**0.07**	<0.001	<0.001	<0.001	<0.001	NA	81.5
	8/11/04	**0.307**	<0.001	<0.001	0.000675	<0.001	NA	92.2
	2/18/05	**0.430**	<0.001	<0.001	<0.001	<0.001	NA	98.2
	12/20/05	**0.530**	<0.0007	0.005	NA	NA	0.010	102.0
	4/12/06	**0.180**	0.017	0.015	NA	NA	0.016	89.2
	10/12/06	**0.042**	<0.0002	<0.0002	NA	NA	<0.0006	104.0

Notes:
BTEX-Benzene, Toluene, Ethylbenzene, Xylenes
mg/L-Milligrams per liter
J - Reported as an estimate
--- No data available
NA-Not analyzed
Bold-Value exceeds WQCC standard

NS - Not sampled

Table 2
Summary of BTEX Groundwater Analytical Results
Buckeye Compressor Station
Lea County, NM

Analyte		Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	p/m Xylene (mg/L)	o-Xylene (mg/L)	Total Xylenes (mg/L)	Chloride (mg/L)
Analytical Method		EPA Method 8021B/8260B						EPA 300.0
NM Water Quality Control Commission (WQCC) Standards		0.01	0.75	0.75	0.62		0.62	250
Well Number	Sample Date							
MW-19	10/22/03	**1.99**	0.334	0.089	0.079	0.036	NA	62.0
	8/9/04	**11.7**	**2.9**	0.408	0.240	0.147	NA	44.3
	2/18/05	**10.8**	**2.16**	0.183	0.145	0.0831J	NA	56.6
	12/21/05	**23.0**	**5.4**	**0.850**	NA	NA	**0.930**	36.7
	4/11/06	**16.0**	**2.4**	0.320	NA	NA	0.360	52.8
	10/12/06	**11.0**	**2.0**	0.350	NA	NA	0.400	53.6
MW-20	10/23/03	<0.001	<0.001	<0.001	<0.001	<0.001	NA	42.5
	8/11/04	<0.001	<0.001	<0.001	<0.001	<0.001	NA	21.3
	2/18/05	<0.001	<0.001	<0.001	<0.001	<0.001	NA	21.1
	12/20/05	0.004J	<0.0007	0.001J	NA	NA	0.0008J	18.2
	4/11/06	0.0004J	<0.0002	<0.0002	NA	NA	<0.0006	17.4
	10/11/06	0.0005J	<0.0002	<0.0002	NA	NA	<0.0006	21.7
MW-21	10/23/03	<0.001	<0.001	<0.001	<0.001	<0.001	NA	40.8
	8/12/04	<0.001	<0.001	<0.001	<0.001	<0.001	NA	31.9
	2/18/05	<0.001	<0.001	<0.001	<0.001	<0.001	NA	35.4
	12/21/05	**0.010**	<0.0007	0.002J	NA	NA	0.002J	43.7
	4/12/06	**0.020**	0.0095	0.0043	NA	NA	0.0043	22.0
	10/12/06	**0.300**	0.140	0.026	NA	NA	0.029	38.7

Notes:
BTEX-Benzene, Toluene, Ethylbenzene, Xylenes
mg/L-Milligrams per liter
J - Reported as an estimate
--- No data available
NA-Not analyzed
Bold-Value exceeds WQCC standard

Appendices

Laboratory Analytical report: April 14, 2006
Laboratory Analytical Report: October 13, 2006

Lancaster Laboratories

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Analysis Report

ANALYTICAL RESULTS

Prepared for:

SECOR International, Inc.
10235 West Little York Road
Houston TX 77040

713-937-7973

Prepared by:

Lancaster Laboratories
2425 New Holland Pike
Lancaster, PA 17605-2425

SAMPLE GROUP

The sample group for this submittal is 985768. Samples arrived at the laboratory on Friday, April 14, 2006. The PO# for this group is 89CH.49387.71 and the release number is BUCKEYE-SA.

Client Description	Lancaster Labs Number
MW-1 Grab Water Sample	4751545
MW-2 Grab Water Sample	4751546
MW-3 Grab Water Sample	4751547
MW-4 Grab Water Sample	4751548
MW-6 Grab Water Sample	4751549
MW-7 Grab Water Sample	4751550
MW-8 Grab Water Sample	4751551
MW-9 Grab Water Sample	4751552
MW-10 Grab Water Sample	4751553
MW-11 Grab Water Sample	4751554
MW-14 Grab Water Sample	4751555
MW-13 Grab Water Sample	4751556
MW-12 Grab Water Sample	4751557
MW-18 Grab Water Sample	4751558
MW-19 Grab Water Sample	4751559
MW-20 Grab Water Sample	4751560
MW-5 Grab Water Sample	4751561
MW-15 Grab Water Sample	4751562
MW-16 Grab Water Sample	4751563
MW-17 Grab Water Sample	4751564
MW-21 Grab Water Sample	4751565
Trip Blank Water Sample	4751566

Lancaster Laboratories

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Analysis Report

ELECTRONIC COPY TO SECOR International, Inc. Attn: Ronnie Kallus

Questions? Contact your Client Services Representative
Gwen A Birchall at (717) 656-2300

Respectfully Submitted,

Susan M Goshert

Susan M. Goshert
Group Leader

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. WW 4751545

MW-1 Grab Water Sample
Buckeye Vacuum Semi-Annual GW Event

Collected: 04/11/2006 14:17 by GC

Account Number: 11842

Submitted: 04/14/2006 09:20
Reported: 05/03/2006 at 14:50
Discard: 06/03/2006

SECOR International, Inc.
10235 West Little York Road
Houston TX 77040

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Units	Dilution Factor
00224	Chloride	16887-00-6	73.1		4.0	mg/l	20
08213	BTEX (8021)						
00776	Benzene	71-43-2	3,000.		2.0	ug/l	10
00777	Toluene	108-88-3	N.D.		2.0	ug/l	10
00778	Ethylbenzene	100-41-4	6.3	J	2.0	ug/l	10
00779	Total Xylenes	1330-20-7	N.D.		6.0	ug/l	10

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00224	Chloride	EPA 300.0	2	05/01/2006 18:55	William L Hamaker Jr	20
08213	BTEX (8021)	SW-846 8021B	1	04/19/2006 08:32	Steven A Skiles	10
01146	GC VOA Water Prep	SW-846 5030B	1	04/19/2006 08:32	Steven A Skiles	10

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Analysis Report

Lancaster Laboratories Sample No. WW 4751546

MW-2 Grab Water Sample
Buckeye Vacuum Semi-Annual GW Event

Collected:04/11/2006 15:35 by GC

Account Number: 11842

Submitted: 04/14/2006 09:20
Reported: 05/03/2006 at 14:50
Discard: 06/03/2006

SECOR International, Inc.
10235 West Little York Road
Houston TX 77040

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
00224	Chloride	16887-00-6	87.4	4.0	mg/l	20
08213	BTEX (8021)					
00776	Benzene	71-43-2	650.	1.0	ug/l	5
00777	Toluene	108-88-3	110.	1.0	ug/l	5
00778	Ethylbenzene	100-41-4	35.	1.0	ug/l	5
00779	Total Xylenes	1330-20-7	28.	3.0	ug/l	5

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00224	Chloride	EPA 300.0	2	05/01/2006 19:44	William L Hamaker Jr	20
08213	BTEX (8021)	SW-846 8021B	1	04/18/2006 16:22	Steven A Skiles	5
01146	GC VOA Water Prep	SW-846 5030B	1	04/18/2006 16:22	Steven A Skiles	5

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Analysis Report

Lancaster Laboratories Sample No. WW 4751547

MW-3 Grab Water Sample
Buckeye Vacuum Semi-Annual GW Event

Collected: 04/11/2006 15:50 by GC

Account Number: 11842

Submitted: 04/14/2006 09:20
Reported: 05/03/2006 at 14:50
Discard: 06/03/2006

SECOR International, Inc.
10235 West Little York Road
Houston TX 77040

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
00224	Chloride	16887-00-6	47.7	4.0	mg/l	20
08213	BTEX (8021)					
00776	Benzene	71-43-2	1,700.	2.0	ug/l	10
00777	Toluene	108-88-3	620.	2.0	ug/l	10
00778	Ethylbenzene	100-41-4	91.	2.0	ug/l	10
00779	Total Xylenes	1330-20-7	86.	6.0	ug/l	10

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00224	Chloride	EPA 300.0	2	05/01/2006 20:00	William L Hamaker Jr	20
08213	BTEX (8021)	SW-846 8021B	1	04/18/2006 16:51	Steven A Skiles	10
01146	GC VOA Water Prep	SW-846 5030B	1	04/18/2006 16:51	Steven A Skiles	10

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Analysis Report

Lancaster Laboratories Sample No. WW 4751548

MW-4 Grab Water Sample
Buckeye Vacuum Semi-Annual GW Event

Collected:04/12/2006 11:00 by GC

Account Number: 11842

Submitted: 04/14/2006 09:20
Reported: 05/03/2006 at 14:50
Discard: 06/03/2006

SECOR International, Inc.
10235 West Little York Road
Houston TX 77040

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Units	Dilution Factor
00224	Chloride	16887-00-6	42.9		4.0	mg/l	20
08213	BTEX (8021)						
00776	Benzene	71-43-2	5,000.		5.0	ug/l	25
00777	Toluene	108-88-3	14.		2.0	ug/l	10
00778	Ethylbenzene	100-41-4	50.		2.0	ug/l	10
00779	Total Xylenes	1330-20-7	18.	J	6.0	ug/l	10

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00224	Chloride	EPA 300.0	2	05/01/2006 20:17	William L Hamaker Jr	20
08213	BTEX (8021)	SW-846 8021B	1	04/18/2006 17:21	Steven A Skiles	25
08213	BTEX (8021)	SW-846 8021B	1	04/19/2006 09:01	Steven A Skiles	10
01146	GC VOA Water Prep	SW-846 5030B	1	04/18/2006 17:21	Steven A Skiles	25
01146	GC VOA Water Prep	SW-846 5030B	2	04/19/2006 09:01	Steven A Skiles	10

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Analysis Report

Lancaster Laboratories Sample No. WW 4751549

MW-6 Grab Water Sample
Buckeye Vacuum Semi-Annual GW Event

Collected: 04/11/2006 16:15 by GC

Account Number: 11842

Submitted: 04/14/2006 09:20
Reported: 05/03/2006 at 14:50
Discard: 06/03/2006

SECOR International, Inc.
10235 West Little York Road
Houston TX 77040

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
00224	Chloride	16887-00-6	49.5	4.0	mg/l	20
08213	BTEX (8021)					
00776	Benzene	71-43-2	1,500.	2.0	ug/l	10
00777	Toluene	108-88-3	330.	2.0	ug/l	10
00778	Ethylbenzene	100-41-4	43.	2.0	ug/l	10
00779	Total Xylenes	1330-20-7	49.	6.0	ug/l	10

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00224	Chloride	EPA 300.0	2	05/01/2006 20:33	William L Hamaker Jr	20
08213	BTEX (8021)	SW-846 8021B	1	04/18/2006 17:51	Steven A Skiles	10
01146	GC VOA Water Prep	SW-846 5030B	1	04/18/2006 17:51	Steven A Skiles	10

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Analysis Report

Lancaster Laboratories Sample No. WW 4751550

MW-7 Grab Water Sample
Buckeye Vacuum Semi-Annual GW Event

Collected: 04/12/2006 09:24 by GC

Submitted: 04/14/2006 09:20
Reported: 05/03/2006 at 14:50
Discard: 06/03/2006

Account Number: 11842

SECOR International, Inc.
10235 West Little York Road
Houston TX 77040

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
00224	Chloride	16887-00-6	16.9	1.0	mg/l	5
08213	BTEX (8021)					
00776	Benzene	71-43-2	100.	0.2	ug/l	1
00777	Toluene	108-88-3	43.	0.2	ug/l	1
00778	Ethylbenzene	100-41-4	8.6	0.2	ug/l	1
00779	Total Xylenes	1330-20-7	8.3	0.6	ug/l	1

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00224	Chloride	EPA 300.0	2	05/01/2006 20:50	William L Hamaker Jr	5
08213	BTEX (8021)	SW-846 8021B	1	04/18/2006 18:21	Steven A Skiles	1
01146	GC VOA Water Prep	SW-846 5030B	1	04/18/2006 18:21	Steven A Skiles	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4751551

MW-8 Grab Water Sample
Buckeye Vacuum Semi-Annual GW Event

Collected: 04/11/2006 15:20 by GC

Account Number: 11842

Submitted: 04/14/2006 09:20
Reported: 05/03/2006 at 14:50
Discard: 06/03/2006

SECOR International, Inc.
10235 West Little York Road
Houston TX 77040

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
00224	Chloride	16887-00-6	50.6	4.0	mg/l	20
08213	BTEX (8021)					
00776	Benzene	71-43-2	3,400.	4.0	ug/l	20
00777	Toluene	108-88-3	170.	4.0	ug/l	20
00778	Ethylbenzene	100-41-4	170.	4.0	ug/l	20
00779	Total Xylenes	1330-20-7	72.	12.	ug/l	20

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00224	Chloride	EPA 300.0	2	05/01/2006 21:06	William L Hamaker Jr	20
08213	BTEX (8021)	SW-846 8021B	1	04/18/2006 18:50	Steven A Skiles	20
01146	GC VOA Water Prep	SW-846 5030B	1	04/18/2006 18:50	Steven A Skiles	20

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Analysis Report

Lancaster Laboratories Sample No. WW 4751552

MW-9 Grab Water Sample
Buckeye Vacuum Semi-Annual GW Event

Collected: 04/11/2006 15:05 by GC

Account Number: 11842

Submitted: 04/14/2006 09:20
Reported: 05/03/2006 at 14:50
Discard: 06/03/2006

SECOR International, Inc.
10235 West Little York Road
Houston TX 77040

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
00224	Chloride	16887-00-6	77.5	4.0	mg/l	20
08213	BTEX (8021)					
00776	Benzene	71-43-2	300.	0.2	ug/l	1
00777	Toluene	108-88-3	150.	0.2	ug/l	1
00778	Ethylbenzene	100-41-4	27.	0.2	ug/l	1
00779	Total Xylenes	1330-20-7	32.	0.6	ug/l	1

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00224	Chloride	EPA 300.0	1	04/28/2006 19:13	William L Hamaker Jr	20
08213	BTEX (8021)	SW-846 8021B	1	04/18/2006 19:20	Steven A Skiles	1
01146	GC VOA Water Prep	SW-846 5030B	1	04/18/2006 19:20	Steven A Skiles	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4751553

MW-10 Grab Water Sample
Buckeye Vacuum Semi-Annual GW Event

Collected: 04/11/2006 12:17 by GC

Account Number: 11842

Submitted: 04/14/2006 09:20
Reported: 05/03/2006 at 14:50
Discard: 06/03/2006

SECOR International, Inc.
10235 West Little York Road
Houston TX 77040

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Units	Dilution Factor
00224	Chloride	16887-00-6	38.4		4.0	mg/l	20
08213	BTEX (8021)						
00776	Benzene	71-43-2	3.3		0.2	ug/l	1
00777	Toluene	108-88-3	0.3	J	0.2	ug/l	1
00778	Ethylbenzene	100-41-4	N.D.		0.2	ug/l	1
00779	Total Xylenes	1330-20-7	N.D.		0.6	ug/l	1

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00224	Chloride	EPA 300.0	1	04/28/2006 19:29	William L Hamaker Jr	20
08213	BTEX (8021)	SW-846 8021B	1	04/18/2006 19:49	Steven A Skiles	1
01146	GC VOA Water Prep	SW-846 5030B	1	04/18/2006 19:49	Steven A Skiles	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4751554

MW-11 Grab Water Sample
Buckeye Vacuum Semi-Annual GW Event

Collected: 04/11/2006 11:50 by GC

Account Number: 11842

Submitted: 04/14/2006 09:20
Reported: 05/03/2006 at 14:50
Discard: 06/03/2006

SECOR International, Inc.
10235 West Little York Road
Houston TX 77040

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Units.	Dilution Factor
00224	Chloride	16887-00-6	39.8		4.0	mg/l	20
08213	BTEX (8021)						
00776	Benzene	71-43-2	0.9	J	0.2	ug/l	1
00777	Toluene	108-88-3	0.2	J	0.2	ug/l	1
00778	Ethylbenzene	100-41-4	N.D.		0.2	ug/l	1
00779	Total Xylenes	1330-20-7	N.D.		0.6	ug/l	1

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00224	Chloride	EPA 300.0	1	04/28/2006 19:45	William L Hamaker Jr	20
08213	BTEX (8021)	SW-846 8021B	1	04/18/2006 20:19	Steven A Skiles	1
01146	GC VOA Water Prep	SW-846 5030B	1	04/18/2006 20:19	Steven A Skiles	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4751555

MW-14 Grab Water Sample
Buckeye Vacuum Semi-Annual GW Event

Collected: 04/12/2006 10:05 by GC

Account Number: 11842

Submitted: 04/14/2006 09:20
Reported: 05/03/2006 at 14:50
Discard: 06/03/2006

SECOR International, Inc.
10235 West Little York Road
Houston TX 77040

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
00224	Chloride	16887-00-6	30.7	4.0	mg/l	20
08213	BTEX (8021)					
00776	Benzene	71-43-2	930.	1.0	ug/l	5
00777	Toluene	108-88-3	53.	1.0	ug/l	5
00778	Ethylbenzene	100-41-4	55.	1.0	ug/l	5
00779	Total Xylenes	1330-20-7	53.	3.0	ug/l	5

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00224	Chloride	EPA 300.0	1	04/28/2006 20:01	William L Hamaker Jr	20
08213	BTEX (8021)	SW-846 8021B	1	04/18/2006 21:47	Steven A Skiles	5
01146	GC VOA Water Prep	SW-846 5030B	1	04/18/2006 21:47	Steven A Skiles	5

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Analysis Report

Lancaster Laboratories Sample No. WW 4751556

MW-13 Grab Water Sample
Buckeye Vacuum Semi-Annual GW Event

Collected: 04/12/2006 09:45 by GC

Account Number: 11842

Submitted: 04/14/2006 09:20
Reported: 05/03/2006 at 14:50
Discard: 06/03/2006

SECOR International, Inc.
10235 West Little York Road
Houston TX 77040

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
00224	Chloride	16887-00-6	115.	4.0	mg/l	20
08213	BTEX (8021)					
00776	Benzene	71-43-2	170.	0.2	ug/l	1
00777	Toluene	108-88-3	15.	0.2	ug/l	1
00778	Ethylbenzene	100-41-4	4.7	0.2	ug/l	1
00779	Total Xylenes	1330-20-7	5.1	0.6	ug/l	1

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00224	Chloride	EPA 300.0	1	04/28/2006 20:16	William L Hamaker Jr	20
08213	BTEX (8021)	SW-846 8021B	1	04/18/2006 22:17	Steven A Skiles	1
01146	GC VOA Water Prep	SW-846 5030B	1	04/18/2006 22:17	Steven A Skiles	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4751557

MW-12 Grab Water Sample
Buckeye Vacuum Semi-Annual GW Event

Collected: 04/11/2006 11:20 by GC

Account Number: 11842

Submitted: 04/14/2006 09:20
Reported: 05/03/2006 at 14:51
Discard: 06/03/2006

SECOR International, Inc.
10235 West Little York Road
Houston TX 77040

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Units	Dilution Factor
00224	Chloride	16887-00-6	37.2		4.0	mg/l	20
08213	BTEX (8021)						
00776	Benzene	71-43-2	0.7	J	0.2	ug/l	1
00777	Toluene	108-88-3	N.D.		0.2	ug/l	1
00778	Ethylbenzene	100-41-4	N.D.		0.2	ug/l	1
00779	Total Xylenes	1330-20-7	N.D.		0.6	ug/l	1

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00224	Chloride	EPA 300.0	1	04/28/2006 20:32	William L Hamaker Jr	20
08213	BTEX (8021)	SW-846 8021B	1	04/18/2006 22:47	Steven A Skiles	1
01146	GC VOA Water Prep	SW-846 5030B	1	04/18/2006 22:47	Steven A Skiles	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4751558

MW-18 Grab Water Sample
Buckeye Vacuum Semi-Annual GW Event

Collected:04/12/2006 10:42 by GC

Account Number: 11842

Submitted: 04/14/2006 09:20
Reported: 05/03/2006 at 14:51
Discard: 06/03/2006

SECOR International, Inc.
10235 West Little York Road
Houston TX 77040

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
00224	Chloride	16887-00-6	89.2	4.0	mg/l	20
08213	BTEX (8021)					
00776	Benzene	71-43-2	180.	0.2	ug/l	1
00777	Toluene	108-88-3	17.	0.2	ug/l	1
00778	Ethylbenzene	100-41-4	15.	0.2	ug/l	1
00779	Total Xylenes	1330-20-7	16.	0.6	ug/l	1

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00224	Chloride	EPA 300.0	1	04/28/2006 20:48	William L Hamaker Jr	20
08213	BTEX (8021)	SW-846 8021B	1	04/18/2006 23:16	Steven A Skiles	1
01146	GC VOA Water Prep	SW-846 5030B	1	04/18/2006 23:16	Steven A Skiles	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4751559

MW-19 Grab Water Sample
Buckeye Vacuum Semi-Annual GW Event

Collected:04/11/2006 14:40 by GC

Account Number: 11842

Submitted: 04/14/2006 09:20
Reported: 05/03/2006 at 14:51
Discard: 06/03/2006

SECOR International, Inc.
10235 West Little York Road
Houston TX 77040

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
00224	Chloride	16887-00-6	52.8	4.0	mg/l	20
08213	BTEX (8021)					
00776	Benzene	71-43-2	16,000.	20.	ug/l	100
00777	Toluene	108-88-3	2,400.	20.	ug/l	100
00778	Ethylbenzene	100-41-4	320.	20.	ug/l	100
00779	Total Xylenes	1330-20-7	360.	60.	ug/l	100

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00224	Chloride	EPA 300.0	1	04/28/2006 21:04	William L Hamaker Jr	20
08213	BTEX (8021)	SW-846 8021B	1	04/18/2006 23:46	Steven A Skiles	100
01146	GC VOA Water Prep	SW-846 5030B	1	04/18/2006 23:46	Steven A Skiles	100

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Analysis Report

Lancaster Laboratories Sample No. WW 4751560

MW-20 Grab Water Sample
Buckeye Vacuum Semi-Annual GW Event

Collected: 04/11/2006 12:35 by GC

Account Number: 11842

Submitted: 04/14/2006 09:20
Reported: 05/03/2006 at 14:51
Discard: 06/03/2006

SECOR International, Inc.
10235 West Little York Road
Houston TX 77040

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Units	Dilution Factor
00224	Chloride	16887-00-6	17.4		4.0	mg/l	20
08213	BTEX (8021)						
00776	Benzene	71-43-2	0.4	J	0.2	ug/l	1
00777	Toluene	108-88-3	N.D.		0.2	ug/l	1
00778	Ethylbenzene	100-41-4	N.D.		0.2	ug/l	1
00779	Total Xylenes	1330-20-7	N.D.		0.6	ug/l	1

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00224	Chloride	EPA 300.0	1	04/28/2006 21:20	William L Hamaker Jr	20
08213	BTEX (8021)	SW-846 8021B	1	04/19/2006 00:15	Steven A Skiles	1
01146	GC VOA Water Prep	SW-846 5030B	1	04/19/2006 00:15	Steven A Skiles	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4751561

MW-5 Grab Water Sample
Buckeye Vacuum Semi-Annual GW Event

Collected:04/12/2006 14:30 by GC

Account Number: 11842

Submitted: 04/14/2006 09:20
Reported: 05/03/2006 at 14:51
Discard: 06/03/2006

SECOR International, Inc.
10235 West Little York Road
Houston TX 77040

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
00224	Chloride	16887-00-6	26.9	4.0	mg/l	20
08213	BTEX (8021)					
00776	Benzene	71-43-2	40.	0.2	ug/l	1
00777	Toluene	108-88-3	14.	0.2	ug/l	1
00778	Ethylbenzene	100-41-4	5.5	0.2	ug/l	1
00779	Total Xylenes	1330-20-7	5.5	0.6	ug/l	1

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00224	Chloride	EPA 300.0	1	04/28/2006 21:36	William L Hamaker Jr	20
08213	BTEX (8021)	SW-846 8021B	1	04/19/2006 00:45	Steven A Skiles	1
01146	GC VOA Water Prep	SW-846 5030B	1	04/19/2006 00:45	Steven A Skiles	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4751562

MW-15 Grab Water Sample
Buckeye Vacuum Semi-Annual GW Event

Collected:04/12/2006 11:19 by GC

Account Number: 11842

Submitted: 04/14/2006 09:20
Reported: 05/03/2006 at 14:51
Discard: 06/03/2006

SECOR International, Inc.
10235 West Little York Road
Houston TX 77040

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
00224	Chloride	16887-00-6	54.8	4.0	mg/l	20
08213	BTEX (8021)					
00776	Benzene	71-43-2	580.	1.0	ug/l	5
00777	Toluene	108-88-3	54.	1.0	ug/l	5
00778	Ethylbenzene	100-41-4	18.	1.0	ug/l	5
00779	Total Xylenes	1330-20-7	16.	3.0	ug/l	5

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00224	Chloride	EPA 300.0	1	04/28/2006 22:24	William L Hamaker Jr	20
08213	BTEX (8021)	SW-846 8021B	1	04/19/2006 01:15	Steven A Skiles	5
01146	GC VOA Water Prep	SW-846 5030B	1	04/19/2006 01:15	Steven A Skiles	5

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Analysis Report

Lancaster Laboratories Sample No. WW 4751563

MW-16 Grab Water Sample
Buckeye Vacuum Semi-Annual GW Event

Collected: 04/12/2006 12:03 by GC

Account Number: 11842

Submitted: 04/14/2006 09:20
Reported: 05/03/2006 at 14:51
Discard: 06/03/2006

SECOR International, Inc.
10235 West Little York Road
Houston TX 77040

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
00224	Chloride	16887-00-6	33.3	4.0	mg/l	20
08213	BTEX (8021)					
00776	Benzene	71-43-2	110.	0.2	ug/l	1
00777	Toluene	108-88-3	24.	0.2	ug/l	1
00778	Ethylbenzene	100-41-4	11.	0.2	ug/l	1
00779	Total Xylenes	1330-20-7	9.7	0.6	ug/l	1

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00224	Chloride	EPA 300.0	1	04/28/2006 22:40	William L Hamaker Jr	20
08213	BTEX (8021)	SW-846 8021B	1	04/19/2006 01:44	Steven A Skiles	1
01146	GC VOA Water Prep	SW-846 5030B	1	04/19/2006 01:44	Steven A Skiles	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4751564

MW-17 Grab Water Sample
Buckeye Vacuum Semi-Annual GW Event

Collected: 04/12/2006 14:15 by GC

Account Number: 11842

Submitted: 04/14/2006 09:20
Reported: 05/03/2006 at 14:51
Discard: 06/03/2006

SECOR International, Inc.
10235 West Little York Road
Houston TX 77040

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
00224	Chloride	16887-00-6	55.4	4.0	mg/l	20
08213	BTEX (8021)					
00776	Benzene	71-43-2	500.	1.0	ug/l	5
00777	Toluene	108-88-3	70.	0.2	ug/l	1
00778	Ethylbenzene	100-41-4	12.	0.2	ug/l	1
00779	Total Xylenes	1330-20-7	13.	0.6	ug/l	1

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00224	Chloride	EPA 300.0	1	04/28/2006 22:56	William L Hamaker Jr	20
08213	BTEX (8021)	SW-846 8021B	1	04/19/2006 02:14	Steven A Skiles	5
08213	BTEX (8021)	SW-846 8021B	1	04/19/2006 09:31	Steven A Skiles	1
01146	GC VOA Water Prep	SW-846 5030B	1	04/19/2006 02:14	Steven A Skiles	5
01146	GC VOA Water Prep	SW-846 5030B	2	04/19/2006 09:31	Steven A Skiles	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4751565

MW-21 Grab Water Sample
Buckeye Vacuum Semi-Annual GW Event

Collected:04/12/2006 15:00 by GC

Account Number: 11842

Submitted: 04/14/2006 09:20
Reported: 05/03/2006 at 14:51
Discard: 06/03/2006

SECOR International, Inc.
10235 West Little York Road
Houston TX 77040

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
00224	Chloride	16887-00-6	22.0	4.0	mg/l	20
08213	BTEX (8021)					
00776	Benzene	71-43-2	20.	0.2	ug/l	1
00777	Toluene	108-88-3	9.5	0.2	ug/l	1
00778	Ethylbenzene	100-41-4	4.3	0.2	ug/l	1
00779	Total Xylenes	1330-20-7	4.3	0.6	ug/l	1

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00224	Chloride	EPA 300.0	1	04/29/2006 02:06	William L Hamaker Jr	20
08213	BTEX (8021)	SW-846 8021B	1	04/20/2006 00:49	Steven A Skiles	1
01146	GC VOA Water Prep	SW-846 5030B	1	04/20/2006 00:49	Steven A Skiles	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4751566

Trip Blank Water Sample
Buckeye Vacuum Semi-Annual GW Event

Collected: 04/12/2006

Account Number: 11842

Submitted: 04/14/2006 09:20
Reported: 05/03/2006 at 14:51
Discard: 06/03/2006

SECOR International, Inc.
10235 West Little York Road
Houston TX 77040

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
08213	BTEX (8021)					
00776	Benzene	71-43-2	N.D.	0.2	ug/l	1
00777	Toluene	108-88-3	N.D.	0.2	ug/l	1
00778	Ethylbenzene	100-41-4	N.D.	0.2	ug/l	1
00779	Total Xylenes	1330-20-7	N.D.	0.6	ug/l	1

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
08213	BTEX (8021)	SW-846 8021B	1	04/19/2006 14:26	Steven A Skiles	1
01146	GC VOA Water Prep	SW-846 5030B	1	04/19/2006 14:26	Steven A Skiles	1

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Analysis Report

Quality Control Summary

Client Name: SECOR International, Inc.
Reported: 05/03/06 at 02:51 PM

Group Number: 985768

Matrix QC may not be reported if site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: 06108A15A	Sample number(s): 4751546-4751564							
Benzene	N.D.	0.2	ug/l	93	93	86-119	0	30
Toluene	N.D.	0.2	ug/l	93	93	82-119	0	30
Ethylbenzene	N.D.	0.2	ug/l	94	94	81-119	0	30
Total Xylenes	N.D.	0.6	ug/l	96	96	82-120	0	30
Batch number: 06108A15B	Sample number(s): 4751545,4751548,4751564							
Benzene	N.D.	0.2	ug/l	93	93	86-119	0	30
Toluene	N.D.	0.2	ug/l	93	93	82-119	0	30
Ethylbenzene	N.D.	0.2	ug/l	94	94	81-119	0	30
Total Xylenes	N.D.	0.6	ug/l	96	96	82-120	0	30
Batch number: 06109A15A	Sample number(s): 4751565-4751566							
Benzene	N.D.	0.2	ug/l	91	92	86-119	1	30
Toluene	N.D.	0.2	ug/l	92	92	82-119	0	30
Ethylbenzene	N.D.	0.2	ug/l	93	93	81-119	0	30
Total Xylenes	N.D.	0.6	ug/l	95	96	82-120	1	30
Batch number: 06118621102A	Sample number(s): 4751545-4751554							
Chloride	N.D.	0.20	mg/l	95		90-110		
Batch number: 06118621102B	Sample number(s): 4751555-4751564							
Chloride	N.D.	0.20	mg/l	95		90-110		
Batch number: 06118621103A	Sample number(s): 4751565							
Chloride	N.D.	0.20	mg/l	96		90-110		

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: 06108A15A	Sample number(s): 4751546-4751564 UNSPK: 4751557								
Benzene	101		78-131						
Toluene	102		78-129						
Ethylbenzene	102		75-133						
Total Xylenes	104		84-131						
Batch number: 06108A15B	Sample number(s): 4751545,4751548,4751564 UNSPK: P751557								
Benzene	101		78-131						
Toluene	102		78-129						
Ethylbenzene	102		75-133						
Total Xylenes	104		84-131						

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The background result was more than four times the spike added.

Quality Control Summary

Client Name: SECOR International, Inc. Group Number: 985768
Reported: 05/03/06 at 02:51 PM

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: 06109A15A	Sample number(s): 4751565-4751566 UNSPK: P751993								
Benzene	100		78-131						
Toluene	103		78-129						
Ethylbenzene	103		75-133						
Total Xylenes	105		84-131						
Batch number: 06118621102A	Sample number(s): 4751545-4751554 UNSPK: 4751545 BKG: 4751545								
Chloride	106		90-110			73.1	72.7	0	3
Batch number: 06118621102B	Sample number(s): 4751555-4751564 UNSPK: 4751564 BKG: 4751564								
Chloride	101		90-110			55.4	56.6	2	3
Batch number: 06118621103A	Sample number(s): 4751565 UNSPK: P759672 BKG: P759672								
Chloride	101		90-110			5.3	5.3	0 (1)	3

Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: BTEX (8021)
Batch number: 06108A15A

	Trifluorotoluene-P
4751546	104
4751547	104
4751548	105
4751549	104
4751550	104
4751551	105
4751552	103
4751553	104
4751554	104
4751555	105
4751556	105
4751557	104
4751558	105
4751559	105
4751560	104
4751561	104
4751562	104
4751563	103
4751564	104
Blank	105
LCS	103
LCSD	104
MS	103
Limits:	69-129

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The background result was more than four times the spike added.

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Analysis Report

Quality Control Summary

Client Name: SECOR International, Inc. Group Number: 985768
Reported: 05/03/06 at 02:51 PM

Surrogate Quality Control

Analysis Name: BTEX (8021)
Batch number: 06108A15B

	Trifluorotoluene-P
4751545	105
4751548	105
4751564	104
Blank	104
LCS	103
LCSD	104
MS	103
Limits:	69-129

Analysis Name: BTEX (8021)
Batch number: 06109A15A

	Trifluorotoluene-P
4751565	104
4751566	105
Blank	104
LCS	103
LCSD	104
MS	103
Limits:	69-129

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The background result was more than four times the spike added.

Analysis Request/ Environmental Services Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only

Acct. # 11842 Group# 985768 Sample # 4751545-66 **COC #** 0118109

Please print. Instructions on reverse side correspond with circled numbers.

(1)
Client: Secor Acct. #:
Project Name/#: Buckeye Compressor PWSID #:
Project Manager: Ronnie Kallis P.O.#:
Sampler: GC Quote #:
Name of state where samples were collected: New Mexico

(4) (5) For Lab Use Only FSC: SCR #: (6)

(2) (3)

							Chloride	BTEX (8021)							Remarks
MW-1	4-11-6	1417	✓		✓	4	✓	✓							
MW-2	4-11-6	1535	✓		✓		✓	✓							
MW-3	4-11-6	1550	✓		✓		✓	✓							
MW-4	4-12-6	1100	✓		✓		✓	✓							
MW-5	4-11-6	1615	✓		✓		✓	✓							
MW-6	4-12-6	0924	✓		✓		✓	✓							
MW-8	4-11-6	1520	✓		✓		✓	✓							
MW-9	4-11-6	1500	✓		✓		✓	✓							
MW-10	4-11-6	1217	✓		✓		✓	✓							
MW-11	4-11-6	1150	✓		✓		✓	✓							

(7) **Turnaround Time Requested** (TAT) (please circle): (Normal) Rush
(Rush TAT is subject to Lancaster Laboratories approval and surcharge.)
Date results are needed:
Rush results requested by (please circle): Phone Fax E-mail
Phone #: Fax #:
E-mail address:

(8) **Data Package Options** (please circle if required)
QC Summary Type VI (Raw Data)
Type I (Tier I) GLP
Type II (Tier II) Other
Type III (NJ Red. Del.)
Type IV (CLP)
SDG Complete? Yes No
Site-specific QC required? Yes No
(If yes, indicate QC sample and submit triplicate volume.)
Internal Chain of Custody required? Yes No

(9)

Relinquished by:	Date	Time	Received by:	Date	Time
Bill	4-13-6	1000			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
				4/14/06	0920

Analysis Request/ Environmental Services Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only

Acct. # 11842 Group# 985708 Sample # 4751545-66 **COC #** 0118108

Please print. Instructions on reverse side correspond with circled numbers.

(1) Client: Secor Acct. #:

Project Name/#: Buckeye Compressor PWSID #:

Project Manager: Ronnie Kallus P.O.#:

Sampler: GC Quote #:

Name of state where samples were collected: New Mexico

For Lab Use Only
FSC:
SCR #:

(2)	(3)		(4)	(5)			(6)
				chlorides	BTEX (8021)		
							Remarks
MW-14	4-12-6	1005	✓	✓	✓		
MW-13	4-12-6	0945					
MW-12	4-11-6	1120					
MW-18	4-12-6	1042					
MW-19	4-11-6	1440					
MW-20	4-11-6	1235					

(7) **Turnaround Time Requested** (TAT) (please circle): (Normal) Rush

(Rush TAT is subject to Lancaster Laboratories approval and surcharge.)

Date results are needed:

Rush results requested by (please circle): Phone Fax E-mail

Phone #: Fax #:

E-mail address:

(8) **Data Package Options** (please circle if required)

QC Summary Type VI (Raw Data)

Type I (Tier I) GLP

Type II (Tier II) Other

Type III (NJ Red. Del.)

Type IV (CLP)

SDG Complete? Yes No

Site-specific QC required? Yes No

(If yes, indicate QC sample and submit triplicate volume.)

Internal Chain of Custody required? Yes No

(9)

Relinquished by:	Date	Time	Received by:	Date	Time
Bill Br	4-13-6	1000			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
				4/14/06	0920

Analysis Request/ Environmental Services Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only

Acct. # 11842 Group# 985768 Sample # 4751545-66 **COC #** 0118107

Please print. Instructions on reverse side correspond with circled numbers.

(1)
Client: Secor Acct. #:
Project Name/#: Buckeye Compressor PWSID #:
Project Manager: Ronnie Kallus P.O.#:
Sampler: GC Quote #:
Name of state where samples were collected: New Mexico

(2) (3) (4) Matrix (5) Analyses Requested

For Lab Use Only
FSC:
SCR #: [illegible]
(6)

Sample	Date	Time						Total #	chloride	BTEX (8021)	Remarks
MW-5	4-12-6	1430	✓			✓		4			
MW-15	4-12-6	1119	|								
MW-16	4-12-6	1203	|								
MW-17	4-12-6	1415	|								
MW-21	4-12-6	1500									
Trip Blank	4-12-6										

(7) **Turnaround Time Requested** (TAT) (please circle): Normal (circled) Rush
(Rush TAT is subject to Lancaster Laboratories approval and surcharge.)
Date results are needed:
Rush results requested by (please circle): Phone Fax E-mail
Phone #: Fax #:
E-mail address:

(8) **Data Package Options** (please circle if required) — SDG Complete? Yes No
QC Summary — Type VI (Raw Data)
Type I (Tier I) — GLP — Site-specific QC required? Yes No
Type II (Tier II) — Other — (If yes, indicate QC sample and submit triplicate volume.)
Type III (NJ Red. Del.) — Internal Chain of Custody required? Yes No
Type IV (CLP)

(9)

Relinquished by:	Date	Time	Received by:	Date	Time
[signature, struck out]					
Bill [signature]	4-13-6	1000			
			[signature]	4/14/06	0920

Lancaster Laboratories
Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

N.D.	none detected	**BMQL**	Below Minimum Quantitation Level
TNTC	Too Numerous To Count	**MPN**	Most Probable Number
IU	International Units	**CP Units**	cobalt-chloroplatinate units
umhos/cm	micromhos/cm	**NTU**	nephelometric turbidity units
C	degrees Celsius	**F**	degrees Fahrenheit
Cal	(diet) calories	**lb.**	pound(s)
meq	milliequivalents	**kg**	kilogram(s)
g	gram(s)	**mg**	milligram(s)
ug	microgram(s)	**l**	liter(s)
ml	milliliter(s)	**ul**	microliter(s)
m3	cubic meter(s)	**fib >5 um/ml**	fibers greater than 5 microns in length per ml

< less thaQ– The QuP beUlollowlQg the slgQ ls the llP lt ol TuaQtltatloQ the sP allest aP ouQt ol aQalyte whlFh FaQ be reliably determined using this specific test.

> greater than

ppm patls peUP lllloQ– OQe ppP ls eTulvaleQt to oQe P lllglaP peUNlogUaP (P g/Ng), oUoQe glaP peUP lllloQglaP s. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.

ppb parts per billion

Dry weight basis o esults printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture.

U.S. EPA data qualifiers:

Organic Qualifiers

A	TIC is a possible aldol-condensation product
B	Analyte was also detected in the blank
C	Pesticide result confirmed by GC/Mp
D	Compound quatitated on a diluted sample
E	Concentration exceeds the calibration range of the instrument
J	bstimated value
N	Presumptive evidence of a compound (TICs only)
P	Concentration difference between primary and confirmation columns >O5%
U	Compound was not detected
X,Y,Z	a efined in case narrative

Inorganic Qualifiers

B	s alue is <Co a L, but ≥la L
E	bstimated due to interference
M	a uplicate injection precision not met
N	p pike amount not within control limits
S	Method of standard additions (MpA) used for calculation
U	Compound was not detected
W	Post digestion spike out of control limits
*****	a uplicate analysis not within control limits
+	Correlation coefficient for MpA <0.995

AQalytlFal test Uesults loUP ethoGs llsteGoQthe laboUatoUes' aFFUeGtatloQsFope P eet all UeTulUeP eQts ol N(/ AC uQless otherwise noted under the individual analysis.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. t e cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

WA5 5 ANT< AND / ,M,TS OF / ,AB,/ ,T< – In accepting analytical work, we warrant the accuracy of test results for the sample as submitted. Teb Fl obGl lNG buPobpp t AooANTv lp buCLUplsb ANa lp GlsbN IN LlbU l F ALL l Tebo t AooANTlbp, buPobppba l o IMPLlba. t b alpCLAIM ANv l Tebo t AooANTlbp, buPobppba l o IMPLlba, INCLUalNG A t AooANTv l F FITNbpp Fl o PAoTICULAo PUoPl pb ANa t AooANTv l F MboCeANTABILITv. IN Nl bsbNT peALL LANCApTbo LABl oATl olbp Bb LIABLb Fl o INalobCT, pPbCIAL, Cl NpbQUbNTIAL, l o INClabNTAL aAMAGbp INCLUalNG, BUT Nl T LIMITba Tl , aAMAGbp Fl o Ll pp l F Pol FITl o Gl l at lLL obGAoaLbpp l F (A) Teb NbGLIGbNCb (blTebo pl Lb l o Cl NCUoobNT) l F LANCApTbo LABl oATl olbp ANa (B) t ebTebo LANCApTbo LABl oATl olbp eAp BbbN INFl oMba l F Teb Pl ppIBILITv l F pUCe aAMAGbp. t e accept no legal responsibility for the purposes for which the client uses the test results. No purchase order or other order for work shall be accepted by Lancaster Laboratories which includes any conditions that vary from the ptandard Terms and Conditions of Lancaster Laboratories and we hereby object to any conflicting terms contained in any acceptance or order submitted by client.

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Analysis Report

ANALYTICAL RESULTS

Prepared for:

SECOR International, Inc.
10235 W. Little York
Ste 400
Houston TX 77040

713-937-7973

Prepared by:

Lancaster Laboratories
2425 New Holland Pike
Lancaster, PA 17605-2425

SAMPLE GROUP

The sample group for this submittal is 1009767. Samples arrived at the laboratory on Friday, October 13, 2006. The PO# for this group is 89CH.49387.07.0001 and the release number is BUCKEYE-SA.

Client Description	Lancaster Labs Number
MW-1 Grab Water Sample	4888970
MW-2 Grab Water Sample	4888971
MW-3 Grab Water Sample	4888972
MW-4 Grab Water Sample	4888973
MW-5 Grab Water Sample	4888974
MW-6 Grab Water Sample	4888975
MW-7 Grab Water Sample	4888976
MW-8 Grab Water Sample	4888977
MW-9 Grab Water Sample	4888978
TB-1 Trip Blank Water Sample	4888979
MW-10 Grab Water Sample	4888980
MW-11 Grab Water Sample	4888981
MW-12 Grab Water Sample	4888982
MW-13 Grab Water Sample	4888983
MW-15 Grab Water Sample	4888984
MW-16 Grab Water Sample	4888985
MW-17 Grab Water Sample	4888986
MW-18 Grab Water Sample	4888987
DUP-1 Grab Water Sample	4888988
TB-2 Trip Blank Water Sample	4888989
MW-19 Grab Water Sample	4888990
MW-20 Grab Water Sample	4888991
MW-21 Grab Water Sample	4888992

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Analysis Report

ELECTRONIC COPY TO SECOR International, Inc. Attn: Eric Page

Questions? Contact your Client Services Representative
Gwen A Birchall at (717) 656-2300

Respectfully Submitted,

Elizabeth A. Smith
Senior Specialist

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. WW 4888970

MW-1 Grab Water Sample
Buckeye Compressor

Collected:10/12/2006 11:03 by BDE

Account Number: 11842

Submitted: 10/13/2006 15:46
Reported: 10/24/2006 at 11:49
Discard: 11/24/2006

SECOR International, Inc.
10235 W. Little York
Ste 400
Houston TX 77040

1BUCE

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
00224	Chloride	16887-00-6	81.9	10.0	mg/l	50
08213	BTEX (8021)					
00776	Benzene	71-43-2	1,400.	1.0	ug/l	5
00777	Toluene	108-88-3	51.	0.2	ug/l	1
00778	Ethylbenzene	100-41-4	23.	0.2	ug/l	1
00779	Total Xylenes	1330-20-7	19.	0.6	ug/l	1

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00224	Chloride	EPA 300.0	1	10/19/2006 16:16	Ashley M Heckman	50
08213	BTEX (8021)	SW-846 8021B	1	10/17/2006 06:38	Martha L Seidel	5
08213	BTEX (8021)	SW-846 8021B	1	10/17/2006 15:27	Martha L Seidel	1
01146	GC VOA Water Prep	SW-846 5030B	1	10/17/2006 06:38	Martha L Seidel	5
01146	GC VOA Water Prep	SW-846 5030B	2	10/17/2006 15:27	Martha L Seidel	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4888971

MW-2 Grab Water Sample
Buckeye Compressor

Collected:10/12/2006 09:41 by BDE

Account Number: 11842

Submitted: 10/13/2006 15:46
Reported: 10/24/2006 at 11:49
Discard: 11/24/2006

SECOR International, Inc.
10235 W. Little York
Ste 400
Houston TX 77040

2BUCE

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
00224	Chloride	16887-00-6	81.1	10.0	mg/l	50
08213	BTEX (8021)					
00776	Benzene	71-43-2	1,100.	1.0	ug/l	5
00777	Toluene	108-88-3	190.	1.0	ug/l	5
00778	Ethylbenzene	100-41-4	17.	1.0	ug/l	5
00779	Total Xylenes	1330-20-7	29.	3.0	ug/l	5

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00224	Chloride	EPA 300.0	1	10/19/2006 17:08	Ashley M Heckman	50
08213	BTEX (8021)	SW-846 8021B	1	10/17/2006 07:55	Martha L Seidel	5
01146	GC VOA Water Prep	SW-846 5030B	1	10/17/2006 07:55	Martha L Seidel	5

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Analysis Report

Lancaster Laboratories Sample No. WW 4888972

MW-3 Grab Water Sample
Buckeye Compressor

Collected:10/12/2006 09:12 by BDE

Account Number: 11842

Submitted: 10/13/2006 15:46
Reported: 10/24/2006 at 11:49
Discard: 11/24/2006

SECOR International, Inc.
10235 W. Little York
Ste 400
Houston TX 77040

3BUCE

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
00224	Chloride	16887-00-6	60.2	10.0	mg/l	50
08213	BTEX (8021)					
00776	Benzene	71-43-2	5,300.	10.	ug/l	50
00777	Toluene	108-88-3	1,800.	10.	ug/l	50
00778	Ethylbenzene	100-41-4	160.	10.	ug/l	50
00779	Total Xylenes	1330-20-7	240.	30.	ug/l	50

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00224	Chloride	EPA 300.0	1	10/19/2006 17:26	Ashley M Heckman	50
08213	BTEX (8021)	SW-846 8021B	1	10/17/2006 13:40	Martha L Seidel	50
01146	GC VOA Water Prep	SW-846 5030B	1	10/17/2006 13:40	Martha L Seidel	50

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Analysis Report

Lancaster Laboratories Sample No. WW 4888973

MW-4 Grab Water Sample
Buckeye Compressor

Collected:10/11/2006 10:48 by BDE

Account Number: 11842

Submitted: 10/13/2006 15:46
Reported: 10/24/2006 at 11:49
Discard: 11/24/2006

SECOR International, Inc.
10235 W. Little York
Ste 400
Houston TX 77040

4BUCE

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Units	Dilution Factor
00224	Chloride	16887-00-6	52.6		10.0	mg/l	50
08213	BTEX (8021)						
00776	Benzene	71-43-2	6,300.		4.0	ug/l	20
00777	Toluene	108-88-3	3.1	J	1.0	ug/l	5
00778	Ethylbenzene	100-41-4	39.		1.0	ug/l	5
00779	Total Xylenes	1330-20-7	20.		3.0	ug/l	5

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00224	Chloride	EPA 300.0	1	10/19/2006 17:43	Ashley M Heckman	50
08213	BTEX (8021)	SW-846 8021B	1	10/17/2006 08:33	Martha L Seidel	20
08213	BTEX (8021)	SW-846 8021B	1	10/17/2006 15:08	Martha L Seidel	5
01146	GC VOA Water Prep	SW-846 5030B	1	10/17/2006 08:33	Martha L Seidel	20
01146	GC VOA Water Prep	SW-846 5030B	2	10/17/2006 15:08	Martha L Seidel	5

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Analysis Report

Lancaster Laboratories Sample No. WW 4888974

MW-5 Grab Water Sample
Buckeye Compressor

Collected:10/12/2006 12:12 by BDE

Account Number: 11842

Submitted: 10/13/2006 15:46
Reported: 10/24/2006 at 11:49
Discard: 11/24/2006

SECOR International, Inc.
10235 W. Little York
Ste 400
Houston TX 77040

5BUCE

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
00224	Chloride	16887-00-6	31.5	2.0	mg/l	10
08213	BTEX (8021)					
00776	Benzene	71-43-2	710.	1.0	ug/l	5
00777	Toluene	108-88-3	200.	1.0	ug/l	5
00778	Ethylbenzene	100-41-4	36.	1.0	ug/l	5
00779	Total Xylenes	1330-20-7	39.	3.0	ug/l	5

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00224	Chloride	EPA 300.0	1	10/20/2006 11:07	Ashley M Heckman	10
08213	BTEX (8021)	SW-846 8021B	1	10/17/2006 08:53	Martha L Seidel	5
01146	GC VOA Water Prep	SW-846 5030B	1	10/17/2006 08:53	Martha L Seidel	5

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Analysis Report

Lancaster Laboratories Sample No. WW 4888975

MW-6 Grab Water Sample
Buckeye Compressor

Collected:10/12/2006 08:41 by BDE

Account Number: 11842

Submitted: 10/13/2006 15:46
Reported: 10/24/2006 at 11:49
Discard: 11/24/2006

SECOR International, Inc.
10235 W. Little York
Ste 400
Houston TX 77040

6BUCE

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Units	Dilution Factor
00224	Chloride	16887-00-6	39.1		10.0	mg/l	50
08213	BTEX (8021)						
00776	Benzene	71-43-2	2,200.		2.0	ug/l	10
00777	Toluene	108-88-3	N.D.		1.0	ug/l	5
00778	Ethylbenzene	100-41-4	2.8	J	1.0	ug/l	5
00779	Total Xylenes	1330-20-7	15.		3.0	ug/l	5

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00224	Chloride	EPA 300.0	1	10/19/2006 18:53	Ashley M Heckman	50
08213	BTEX (8021)	SW-846 8021B	1	10/17/2006 09:12	Martha L Seidel	5
08213	BTEX (8021)	SW-846 8021B	1	10/17/2006 13:59	Martha L Seidel	10
01146	GC VOA Water Prep	SW-846 5030B	1	10/17/2006 09:12	Martha L Seidel	5
01146	GC VOA Water Prep	SW-846 5030B	2	10/17/2006 13:59	Martha L Seidel	10

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Analysis Report

Lancaster Laboratories Sample No. WW 4888976

MW-7 Grab Water Sample
Buckeye Compressor

Collected:10/12/2006 08:19 by BDE

Account Number: 11842

Submitted: 10/13/2006 15:46
Reported: 10/24/2006 at 11:49
Discard: 11/24/2006

SECOR International, Inc.
10235 W. Little York
Ste 400
Houston TX 77040

7BUCE

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Units	Dilution Factor
00224	Chloride	16887-00-6	31.9		2.0	mg/l	10
08213	BTEX (8021)						
00776	Benzene	71-43-2	130.		0.2	ug/l	1
00777	Toluene	108-88-3	0.2	J	0.2	ug/l	1
00778	Ethylbenzene	100-41-4	0.6	J	0.2	ug/l	1
00779	Total Xylenes	1330-20-7	0.9	J	0.6	ug/l	1

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00224	Chloride	EPA 300.0	1	10/20/2006 11:25	Ashley M Heckman	10
08213	BTEX (8021)	SW-846 8021B	1	10/17/2006 09:31	Martha L Seidel	1
01146	GC VOA Water Prep	SW-846 5030B	1	10/17/2006 09:31	Martha L Seidel	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4888977

MW-8 Grab Water Sample
Buckeye Compressor

Collected:10/12/2006 10:10 by BDE

Account Number: 11842

Submitted: 10/13/2006 15:46
Reported: 10/24/2006 at 11:49
Discard: 11/24/2006

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Houston TX 77040

8BUCE

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
00224	Chloride	16887-00-6	49.3	10.0	mg/l	50
08213	BTEX (8021)					
00776	Benzene	71-43-2	4,300.	4.0	ug/l	20
00777	Toluene	108-88-3	180.	2.0	ug/l	10
00778	Ethylbenzene	100-41-4	260.	2.0	ug/l	10
00779	Total Xylenes	1330-20-7	98.	6.0	ug/l	10

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00224	Chloride	EPA 300.0	1	10/19/2006 19:27	Ashley M Heckman	50
08213	BTEX (8021)	SW-846 8021B	1	10/17/2006 09:50	Martha L Seidel	10
08213	BTEX (8021)	SW-846 8021B	1	10/17/2006 14:19	Martha L Seidel	20
01146	GC VOA Water Prep	SW-846 5030B	1	10/17/2006 09:50	Martha L Seidel	10
01146	GC VOA Water Prep	SW-846 5030B	2	10/17/2006 14:19	Martha L Seidel	20

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Analysis Report

Lancaster Laboratories Sample No. WW 4888978

MW-9 Grab Water Sample
Buckeye Compressor

Collected:10/12/2006 10:37 by BDE

Account Number: 11842

Submitted: 10/13/2006 15:46
Reported: 10/24/2006 at 11:49
Discard: 11/24/2006

SECOR International, Inc.
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Houston TX 77040

9BUCE

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
00224	Chloride	16887-00-6	58.8	10.0	mg/l	50
08213	BTEX (8021)					
00776	Benzene	71-43-2	460.	1.0	ug/l	5
00777	Toluene	108-88-3	93.	1.0	ug/l	5
00778	Ethylbenzene	100-41-4	25.	1.0	ug/l	5
00779	Total Xylenes	1330-20-7	25.	3.0	ug/l	5

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00224	Chloride	EPA 300.0	1	10/19/2006 19:45	Ashley M Heckman	50
08213	BTEX (8021)	SW-846 8021B	1	10/17/2006 10:09	Martha L Seidel	5
01146	GC VOA Water Prep	SW-846 5030B	1	10/17/2006 10:09	Martha L Seidel	5

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Analysis Report

Lancaster Laboratories Sample No. WW 4888979

TB-1 Trip Blank Water Sample
Buckeye Compressor

Collected: n.a.

Account Number: 11842

Submitted: 10/13/2006 15:46
Reported: 10/24/2006 at 11:49
Discard: 11/24/2006

SECOR International, Inc.
10235 W. Little York
Ste 400
Houston TX 77040

TBUCE

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Units	Dilution Factor
08213	BTEX (8021)					
00776	Benzene	71-43-2	< 1.0	1.0	ug/l	1
00777	Toluene	108-88-3	< 1.0	1.0	ug/l	1
00778	Ethylbenzene	100-41-4	< 1.0	1.0	ug/l	1
00779	Total Xylenes	1330-20-7	< 3.0	3.0	ug/l	1

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
08213	BTEX (8021)	SW-846 8021B	1	10/17/2006 03:46	Martha L Seidel	1
01146	GC VOA Water Prep	SW-846 5030B	1	10/17/2006 03:46	Martha L Seidel	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4888980

MW-10 Grab Water Sample
Buckeye Compressor

Collected:10/11/2006 08:46 by BDE

Account Number: 11842

Submitted: 10/13/2006 15:46
Reported: 10/24/2006 at 11:49
Discard: 11/24/2006

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Houston TX 77040

10UCE

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
00224	Chloride	16887-00-6	33.3	10.0	mg/l	50
08213	BTEX (8021)					
00776	Benzene	71-43-2	3.7	0.2	ug/l	1
00777	Toluene	108-88-3	N.D.	0.2	ug/l	1
00778	Ethylbenzene	100-41-4	N.D.	0.2	ug/l	1
00779	Total Xylenes	1330-20-7	N.D.	0.6	ug/l	1

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis Trial#	Analysis Date and Time	Analyst	Dilution Factor
00224	Chloride	EPA 300.0	1	10/19/2006 20:02	Ashley M Heckman	50
08213	BTEX (8021)	SW-846 8021B	1	10/17/2006 10:28	Martha L Seidel	1
01146	GC VOA Water Prep	SW-846 5030B	1	10/17/2006 10:28	Martha L Seidel	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4888981

MW-11 Grab Water Sample
Buckeye Compressor

Collected:10/11/2006 08:09 by BDE

Account Number: 11842

Submitted: 10/13/2006 15:46
Reported: 10/24/2006 at 11:49
Discard: 11/24/2006

SECOR International, Inc.
10235 W. Little York
Ste 400
Houston TX 77040

11UCE

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Units	Dilution Factor
00224	Chloride	16887-00-6	56.1		10.0	mg/l	50
08213	BTEX (8021)						
00776	Benzene	71-43-2	0.5	J	0.2	ug/l	1
00777	Toluene	108-88-3	0.3	J	0.2	ug/l	1
00778	Ethylbenzene	100-41-4	N.D.		0.2	ug/l	1
00779	Total Xylenes	1330-20-7	N.D.		0.6	ug/l	1

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00224	Chloride	EPA 300.0	1	10/19/2006 20:19	Ashley M Heckman	50
08213	BTEX (8021)	SW-846 8021B	1	10/17/2006 10:48	Martha L Seidel	1
01146	GC VOA Water Prep	SW-846 5030B	1	10/17/2006 10:48	Martha L Seidel	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4888982

MW-12 Grab Water Sample
Buckeye Compressor

Collected:10/11/2006 07:17 by BDE

Account Number: 11842

Submitted: 10/13/2006 15:46
Reported: 10/24/2006 at 11:49
Discard: 11/24/2006

SECOR International, Inc.
10235 W. Little York
Ste 400
Houston TX 77040

12UCE

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Units	Dilution Factor
00224	Chloride	16887-00-6	103.		10.0	mg/l	50
08213	BTEX (8021)						
00776	Benzene	71-43-2	N.D.		0.2	ug/l	1
00777	Toluene	108-88-3	0.2	J	0.2	ug/l	1
00778	Ethylbenzene	100-41-4	N.D.		0.2	ug/l	1
00779	Total Xylenes	1330-20-7	N.D.		0.6	ug/l	1

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00224	Chloride	EPA 300.0	1	10/19/2006 21:12	Ashley M Heckman	50
08213	BTEX (8021)	SW-846 8021B	1	10/17/2006 12:42	Martha L Seidel	1
01146	GC VOA Water Prep	SW-846 5030B	1	10/17/2006 12:42	Martha L Seidel	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4888983

MW-13 Grab Water Sample
Buckeye Compressor

Collected:10/11/2006 09:52 by BDE

Account Number: 11842

Submitted: 10/13/2006 15:46
Reported: 10/24/2006 at 11:49
Discard: 11/24/2006

SECOR International, Inc.
10235 W. Little York
Ste 400
Houston TX 77040

13UCE

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
00224	Chloride	16887-00-6	103.	10.0	mg/l	50
08213	BTEX (8021)					
00776	Benzene	71-43-2	3.9	0.2	ug/l	1
00777	Toluene	108-88-3	N.D.	0.2	ug/l	1
00778	Ethylbenzene	100-41-4	N.D.	0.2	ug/l	1
00779	Total Xylenes	1330-20-7	N.D.	0.6	ug/l	1

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00224	Chloride	EPA 300.0	1	10/19/2006 21:29	Ashley M Heckman	50
08213	BTEX (8021)	SW-846 8021B	1	10/18/2006 05:40	Martha L Seidel	1
01146	GC VOA Water Prep	SW-846 5030B	1	10/18/2006 05:40	Martha L Seidel	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4888984

MW-15 Grab Water Sample
Buckeye Compressor

Collected:10/11/2006 14:34 by BDE

Account Number: 11842

Submitted: 10/13/2006 15:46
Reported: 10/24/2006 at 11:49
Discard: 11/24/2006

SECOR International, Inc.
10235 W. Little York
Ste 400
Houston TX 77040

15UCE

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Units	Dilution Factor
00224	Chloride	16887-00-6	91.6		10.0	mg/l	50
08213	BTEX (8021)						
00776	Benzene	71-43-2	34.		0.2	ug/l	1
00777	Toluene	108-88-3	N.D.		0.2	ug/l	1
00778	Ethylbenzene	100-41-4	0.8	J	0.2	ug/l	1
00779	Total Xylenes	1330-20-7	N.D.		0.6	ug/l	1

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00224	Chloride	EPA 300.0	1	10/19/2006 22:21	Ashley M Heckman	50
08213	BTEX (8021)	SW-846 8021B	1	10/18/2006 05:59	Martha L Seidel	1
01146	GC VOA Water Prep	SW-846 5030B	1	10/18/2006 05:59	Martha L Seidel	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4888985

MW-16 Grab Water Sample
Buckeye Compressor

Collected:10/11/2006 14:06 by BDE

Account Number: 11842

Submitted: 10/13/2006 15:46
Reported: 10/24/2006 at 11:49
Discard: 11/24/2006

SECOR International, Inc.
10235 W. Little York
Ste 400
Houston TX 77040

16UCE

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Units	Dilution Factor
00224	Chloride	16887-00-6	49.3		10.0	mg/l	50
08213	BTEX (8021)						
00776	Benzene	71-43-2	64.		0.2	ug/l	1
00777	Toluene	108-88-3	N.D.		0.2	ug/l	1
00778	Ethylbenzene	100-41-4	1.0		0.2	ug/l	1
00779	Total Xylenes	1330-20-7	0.6	J	0.6	ug/l	1

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00224	Chloride	EPA 300.0	1	10/19/2006 22:39	Ashley M Heckman	50
08213	BTEX (8021)	SW-846 8021B	1	10/18/2006 06:18	Martha L Seidel	1
01146	GC VOA Water Prep	SW-846 5030B	1	10/18/2006 06:18	Martha L Seidel	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4888986

MW-17 Grab Water Sample
Buckeye Compressor

Collected:10/11/2006 11:24 by BDE

Account Number: 11842

Submitted: 10/13/2006 15:46
Reported: 10/24/2006 at 11:49
Discard: 11/24/2006

SECOR International, Inc.
10235 W. Little York
Ste 400
Houston TX 77040

17UCE

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Units	Dilution Factor
00224	Chloride	16887-00-6	154.		10.0	mg/l	50
08213	BTEX (8021)						
00776	Benzene	71-43-2	170.		0.2	ug/l	1
00777	Toluene	108-88-3	N.D.		0.2	ug/l	1
00778	Ethylbenzene	100-41-4	2.4		0.2	ug/l	1
00779	Total Xylenes	1330-20-7	1.4	J	0.6	ug/l	1

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00224	Chloride	EPA 300.0	1	10/19/2006 22:56	Ashley M Heckman	50
08213	BTEX (8021)	SW-846 8021B	1	10/18/2006 06:37	Martha L Seidel	1
01146	GC VOA Water Prep	SW-846 5030B	1	10/18/2006 06:37	Martha L Seidel	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4888987

MW-18 Grab Water Sample
Buckeye Compressor

Collected:10/12/2006 10:20 by BDE

Account Number: 11842

Submitted: 10/13/2006 15:46
Reported: 10/24/2006 at 11:49
Discard: 11/24/2006

SECOR International, Inc.
10235 W. Little York
Ste 400
Houston TX 77040

18UCE

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
00224	Chloride	16887-00-6	104.	10.0	mg/l	50
08213	BTEX (8021)					
00776	Benzene	71-43-2	42.	0.2	ug/l	1
00777	Toluene	108-88-3	N.D.	0.2	ug/l	1
00778	Ethylbenzene	100-41-4	N.D.	0.2	ug/l	1
00779	Total Xylenes	1330-20-7	N.D.	0.6	ug/l	1

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00224	Chloride	EPA 300.0	1	10/19/2006 23:13	Ashley M Heckman	50
08213	BTEX (8021)	SW-846 8021B	1	10/18/2006 06:57	Martha L Seidel	1
01146	GC VOA Water Prep	SW-846 5030B	1	10/18/2006 06:57	Martha L Seidel	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4888988

DUP-1 Grab Water Sample
Buckeye Compressor

Collected: n.a.

Account Number: 11842

Submitted: 10/13/2006 15:46
Reported: 10/24/2006 at 11:49
Discard: 11/24/2006

SECOR International, Inc.
10235 W. Little York
Ste 400
Houston TX 77040

DUUCE

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Units	Dilution Factor
00224	Chloride	16887-00-6	41.2		10.0	mg/l	50
08213	BTEX (8021)						
00776	Benzene	71-43-2	2,300.		2.0	ug/l	10
00777	Toluene	108-88-3	0.6	J	0.2	ug/l	1
00778	Ethylbenzene	100-41-4	2.8		0.2	ug/l	1
00779	Total Xylenes	1330-20-7	17.		0.6	ug/l	1

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00224	Chloride	EPA 300.0	1	10/19/2006 23:31	Ashley M Heckman	50
08213	BTEX (8021)	SW-846 8021B	1	10/18/2006 07:16	Martha L Seidel	10
08213	BTEX (8021)	SW-846 8021B	1	10/18/2006 11:42	Martha L Seidel	1
01146	GC VOA Water Prep	SW-846 5030B	1	10/18/2006 07:16	Martha L Seidel	10
01146	GC VOA Water Prep	SW-846 5030B	2	10/18/2006 11:42	Martha L Seidel	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4888989

TB-2 Trip Blank Water Sample
Buckeye Compressor

Collected: n.a.

Account Number: 11842

Submitted: 10/13/2006 15:46
Reported: 10/24/2006 at 11:49
Discard: 11/24/2006

SECOR International, Inc.
10235 W. Little York
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Houston TX 77040

1BTB2

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Units	Dilution Factor
08213	BTEX (8021)					
00776	Benzene	71-43-2	< 1.0	1.0	ug/l	1
00777	Toluene	108-88-3	< 1.0	1.0	ug/l	1
00778	Ethylbenzene	100-41-4	< 1.0	1.0	ug/l	1
00779	Total Xylenes	1330-20-7	< 3.0	3.0	ug/l	1

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
08213	BTEX (8021)	SW-846 8021B	1	10/17/2006 21:26	Martha L Seidel	1
01146	GC VOA Water Prep	SW-846 5030B	1	10/17/2006 21:26	Martha L Seidel	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4888990

MW-19 Grab Water Sample
Buckeye Compressor

Collected:10/12/2006 11:34 by BDE

Account Number: 11842

Submitted: 10/13/2006 15:46
Reported: 10/24/2006 at 11:49
Discard: 11/24/2006

SECOR International, Inc.
10235 W. Little York
Ste 400
Houston TX 77040

19UCE

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
00224	Chloride	16887-00-6	53.6	10.0	mg/l	50
08213	BTEX (8021)					
00776	Benzene	71-43-2	11,000.	10.	ug/l	50
00777	Toluene	108-88-3	2,000.	10.	ug/l	50
00778	Ethylbenzene	100-41-4	350.	10.	ug/l	50
00779	Total Xylenes	1330-20-7	400.	30.	ug/l	50

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00224	Chloride	EPA 300.0	1	10/19/2006 23:48	Ashley M Heckman	50
08213	BTEX (8021)	SW-846 8021B	1	10/19/2006 07:19	Martha L Seidel	50
01146	GC VOA Water Prep	SW-846 5030B	1	10/19/2006 07:19	Martha L Seidel	50

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Analysis Report

Lancaster Laboratories Sample No. WW 4888991

MW-20 Grab Water Sample
Buckeye Compressor

Collected:10/11/2006 09:14 by BDE

Account Number: 11842

Submitted: 10/13/2006 15:46
Reported: 10/24/2006 at 11:49
Discard: 11/24/2006

SECOR International, Inc.
10235 W. Little York
Ste 400
Houston TX 77040

20UCE

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Units	Dilution Factor
00224	Chloride	16887-00-6	21.7		2.0	mg/l	10
08213	BTEX (8021)						
00776	Benzene	71-43-2	0.5	J	0.2	ug/l	1
00777	Toluene	108-88-3	N.D.		0.2	ug/l	1
00778	Ethylbenzene	100-41-4	N.D.		0.2	ug/l	1
00779	Total Xylenes	1330-20-7	N.D.		0.6	ug/l	1

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00224	Chloride	EPA 300.0	1	10/20/2006 11:42	Ashley M Heckman	10
08213	BTEX (8021)	SW-846 8021B	1	10/18/2006 23:00	Martha L Seidel	1
01146	GC VOA Water Prep	SW-846 5030B	1	10/18/2006 23:00	Martha L Seidel	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4888992

MW-21 Grab Water Sample
Buckeye Compressor

Collected:10/12/2006 13:09 by BDE

Account Number: 11842

Submitted: 10/13/2006 15:46
Reported: 10/24/2006 at 11:49
Discard: 11/24/2006

SECOR International, Inc.
10235 W. Little York
Ste 400
Houston TX 77040

21UCE

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
00224	Chloride	16887-00-6	38.7	10.0	mg/l	50
08213	BTEX (8021)					
00776	Benzene	71-43-2	300.	0.2	ug/l	1
00777	Toluene	108-88-3	140.	0.2	ug/l	1
00778	Ethylbenzene	100-41-4	26.	0.2	ug/l	1
00779	Total Xylenes	1330-20-7	29.	0.6	ug/l	1

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00224	Chloride	EPA 300.0	1	10/24/2006 03:14	Ashley M Heckman	50
08213	BTEX (8021)	SW-846 8021B	1	10/18/2006 23:20	Martha L Seidel	1
01146	GC VOA Water Prep	SW-846 5030B	1	10/18/2006 23:20	Martha L Seidel	1

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Analysis Report

Quality Control Summary

Client Name: SECOR International, Inc. Group Number: 1009767
Reported: 10/24/06 at 11:49 AM

Matrix QC may not be reported if site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: 06289A54A	Sample number(s): 4888970-4888971,4888973-4888981							
Benzene	< 1.0	1.0	ug/l	104	103	86-119	0	30
Toluene	< 1.0	1.0	ug/l	104	105	82-119	1	30
Ethylbenzene	< 1.0	1.0	ug/l	107	109	81-119	1	30
Total Xylenes	< 3.0	3.0	ug/l	107	109	82-120	2	30
Batch number: 06289A54B	Sample number(s): 4888970,4888972-4888973,4888975,4888977,4888982							
Benzene	< 1.0	1.0	ug/l	104	103	86-119	0	30
Toluene	< 1.0	1.0	ug/l	104	105	82-119	1	30
Ethylbenzene	< 1.0	1.0	ug/l	107	109	81-119	1	30
Total Xylenes	< 3.0	3.0	ug/l	107	109	82-120	2	30
Batch number: 06290A54A	Sample number(s): 4888983-4888989							
Benzene	< 1.0	1.0	ug/l	101	105	86-119	3	30
Toluene	< 1.0	1.0	ug/l	101	106	82-119	4	30
Ethylbenzene	< 1.0	1.0	ug/l	105	109	81-119	4	30
Total Xylenes	< 3.0	3.0	ug/l	106	110	82-120	4	30
Batch number: 06291A54A	Sample number(s): 4888990-4888992							
Benzene	< 1.0	1.0	ug/l	104	112	86-119	8	30
Toluene	< 1.0	1.0	ug/l	104	112	82-119	8	30
Ethylbenzene	< 1.0	1.0	ug/l	107	115	81-119	7	30
Total Xylenes	< 3.0	3.0	ug/l	107	116	82-120	7	30
Batch number: 06292196601A	Sample number(s): 4888970-4888978,4888980							
Chloride	< 0.40	0.40	mg/l	96		90-110		
Batch number: 06292196601B	Sample number(s): 4888981-4888988,4888990-4888991							
Chloride	< 0.40	0.40	mg/l	96		90-110		
Batch number: 06296196101A	Sample number(s): 4888992							
Chloride	< 0.40	0.40	mg/l	97		90-110		

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: 06289A54A	Sample number(s): 4888970-4888971,4888973-4888981 UNSPK: P889683								
Benzene	109		78-131						
Toluene	110		78-129						
Ethylbenzene	113		75-133						
Total Xylenes	113		84-131						

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The background result was more than four times the spike added.

Quality Control Summary

Client Name: SECOR International, Inc. Group Number: 1009767
Reported: 10/24/06 at 11:49 AM

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: 06289A54B	Sample number(s): 4888970,4888972-4888973,4888975,4888977,4888982 UNSPK: P889683								
Benzene	109		78-131						
Toluene	110		78-129						
Ethylbenzene	113		75-133						
Total Xylenes	113		84-131						
Batch number: 06290A54A	Sample number(s): 4888983-4888989 UNSPK: P889375								
Benzene	105	104	78-131	0	30				
Toluene	105	106	78-129	1	30				
Ethylbenzene	109	109	75-133	0	30				
Total Xylenes	108	108	84-131	0	30				
Batch number: 06291A54A	Sample number(s): 4888990-4888992 UNSPK: P889948								
Benzene	112		78-131						
Toluene	113		78-129						
Ethylbenzene	115		75-133						
Total Xylenes	115		84-131						
Batch number: 06292196601A	Sample number(s): 4888970-4888978,4888980 UNSPK: 4888970 BKG: 4888970								
Chloride	102		90-110			81.9	74.6	9* (1)	3
Batch number: 06292196601B	Sample number(s): 4888981-4888988,4888990-4888991 UNSPK: 4888981 BKG: 4888981								
Chloride	99		90-110			56.1	53.5	5* (1)	3
Batch number: 06296196101A	Sample number(s): 4888992 UNSPK: 4888992 BKG: 4888992								
Chloride	108		90-110			38.7	35.4	9* (1)	3

Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: BTEX (8021)
Batch number: 06289A54A

	Trifluorotoluene-P
4888970	119
4888971	101
4888973	114
4888974	99
4888976	100
4888978	99
4888979	98
4888980	99
4888981	99
Blank	98
LCS	99
LCSD	99

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The background result was more than four times the spike added.

Quality Control Summary

Client Name: SECOR International, Inc. Group Number: 1009767
Reported: 10/24/06 at 11:49 AM

Surrogate Quality Control

MS	99
Limits:	69-129

Analysis Name: BTEX (8021)
Batch number: 06289A54B
Trifluorotoluene-P

4888970	119
4888972	98
4888973	114
4888975	106
4888977	104
4888982	98
Blank	99
LCS	99
LCSD	99
MS	99
Limits:	69-129

Analysis Name: BTEX (8021)
Batch number: 06290A54A
Trifluorotoluene-P

4888983	98
4888984	100
4888985	99
4888986	101
4888987	100
4888988	123
4888989	98
Blank	99
LCS	99
LCSD	99
MS	98
MSD	98
Limits:	69-129

Analysis Name: BTEX (8021)
Batch number: 06291A54A
Trifluorotoluene-P

4888990	101
4888991	98
4888992	101
Blank	98
LCS	98
LCSD	99
MS	99
Limits:	69-129

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The background result was more than four times the spike added.

Analysis Request/ Environmental Services Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only
Acct. # 11842 Group# 1009767 Sample # 4888970-92

COC # 0130834

Please print. Instructions on reverse side correspond with circled numbers.

(1)
Client: Chevron/Secor Acct. #:
Project Name/#: Buckeye Comp/89CH.99387.07.0001 PWSID #:
Project Manager: E. Page P.O.#:
Sampler: WBDE Quote #:
Name of state where samples were collected: New Mexico

For Lab Use Only
FSC:
SCR#:

Preservation Codes
H=HCl T=Thiosulfate
N=HNO_3 B=NaOH
S=H_2SO_4 O=Other

(2) (3) (4) (5) Analyses Requested (6)

Sample Identification	Date Collected	Time Collected	Grab	Composite	Soil	Water	Other	Total # of Containers	BTEX (8021)	Cl (300.0)	Remarks
MW-12	10-11-6	0717	✓			✓		4	✓	✓	
MW-11	10-11-6	0809	✓			✓		4	✓	✓	
MW-10	10-11-6	0846	✓			✓		4	✓	✓	
MW-20	10-11-6	0914	✓			✓		4	✓	✓	
MW-13	10-11-6	0952	✓			✓		4	✓	✓	
MW-18	10-11-6	1020	✓			✓		4	✓	✓	
MW-4	10-11-6	1048	✓			✓		4	✓	✓	
MW-17	10-11-6	1124	✓			✓		4	✓	✓	
MW-16	10-11-6	1406	✓			✓		4	✓	✓	
TB-1								1	✓		

Matrix: ☐ Potable ☐ NPDES (Check if applicable)

Temperature of samples upon receipt (if requested)

(7) **Turnaround Time Requested** (TAT) (please circle): (Normal) Rush
(Rush TAT is subject to Lancaster Laboratories approval and surcharge.)
Date results are needed:
Rush results requested by (please circle): Phone Fax E-mail
Phone #: 713-937-7973x227 Fax #:
E-mail address:

(8) **Data Package Options** (please circle if required)
Type I (validation/NJ Reg) TX TRRP-13
Type II (Tier II) MA MCP CT RCP
Type III (Reduced NJ)
Type IV (CLP SOW)
Type VI (Raw Data Only)

SDG Complete? Yes No
Site-specific QC (MS/MSD/Dup)? Yes No
(If yes, indicate QC sample and submit triplicate volume.)
Internal COC Required? Yes / No

(9)

Relinquished by:	Date	Time	Received by:	Date	Time
Bill A	10-12-6	1600			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	[signature]	10/13/06	0940

Analysis Request / Environmental Services Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only

Acct. # 11842 Group# 100967 Sample # 4888970-92

COC # 0130836

Please print. Instructions on reverse side correspond with circled numbers.

For Lab Use Only
FSC:
SCR#:

(1)
Client: Chevron / Secor — Acct. #:
Project Name/#: Buckeye Camp / 89CH.49387.01.0001 — PWSID #:
Project Manager: E. Page — P.O.#:
Sampler: WBDE — Quote #:
Name of state where samples were collected: New Mexico

Preservation Codes
H=HCl T=Thiosulfate
N=HNO_3 B=NaOH
S=H_2SO_4 O=Other

(2) Sample Identification | Date Collected | Time Collected | (3) Matrix: Soil, Water, Other | (4) # of Containers | (5) Analyses Requested: Preservation Codes — BTEX (8021) | Cl (300.0) | (6) Remarks

Sample Identification	Date Collected	Time Collected	Soil	Water	Other	# of Containers	BTEX (8021)	Cl (300.0)	Remarks
MW-15	10-11-6	1434	✓	✓		4	✓	✓	
MW-7	10-12-6	0819	✓	✓		4	✓	✓	
MW-6	10-12-6	0841	✓	✓		4	✓	✓	
MW-3	10-12-6	0917	✓	✓		4	✓	✓	
MW-2	10-12-6	0941	✓	✓		4	✓	✓	
MW-8	10-12-6	1010	✓	✓		4	✓	✓	
MW-9	10-12-6	1037	✓	✓		4	✓	✓	
MW-1	10-12-6	1103	✓	✓		4	✓	✓	
DUP-1						4	✓	✓	
TB-2						2	✓		

(7) **Turnaround Time Requested** (TAT) (please circle): (Normal) Rush
(Rush TAT is subject to Lancaster Laboratories approval and surcharge.)
Date results are needed:
Rush results requested by (please circle): Phone Fax E-mail
Phone #: 713-937-7973 x 227 Fax #:
E-mail address:

(8) **Data Package Options** (please circle if required)
Type I (validation/NJ Reg)
Type II (Tier II)
Type III (Reduced NJ)
Type IV (CLP SOW)
Type VI (Raw Data Only)
TX TRRP-13
MA MCP CT RCP
SDG Complete? Yes No
Site-specific QC (MS/MSD/Dup)? Yes No
(If yes, indicate QC sample and submit triplicate volume.)
Internal COC Required? Yes / No

(9) Relinquished by:	Date	Time	Received by:	Date	Time
Bill A	10-12-6	1600			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by: Jess Zook	10/13/06	0740

Analysis Request/ Environmental Services Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only

Acct. # 11842 Group# 1009767 Sample # 4888970-92 **COC #** 0130833

Please print. Instructions on reverse side correspond with circled numbers.

(1)
Client: Chevron / Secor   Acct. #:
Project Name/#: Buckeye Camp/ 89CH-49387-07-0001   PWSID #:
Project Manager: E. Page   P.O.#:
Sampler: WBDE   Quote #:
Name of state where samples were collected: New Mexico

For Lab Use Only
FSC:
SCR#: 33604

Preservation Codes
H=HCl   T=Thiosulfate
N=HNO_3 B=NaOH
S=H_2SO_4 O=Other

(2) Sample Identification	Date Collected	Time Collected	(3) Grab	Composite	Soil	Water	Other	(4) Total # of Containers	(5) BTEX (8021)	Cl (300.00)	Remarks
MW-19	10-12-6	1134	✓			✓		4	✓	✓	
MW-5	10-12-6	1212	✓			✓		4	✓	✓	
MW-21	10-12-6	1309	✓			✓		4	–	✓	

(7) **Turnaround Time Requested** (TAT) (please circle) (Normal) Rush
(Rush TAT is subject to Lancaster Laboratories approval and surcharge.)
Date results are needed:
Rush results requested by (please circle): Phone Fax E-mail
Phone #: 713-937-7973 x 227 Fax #:
E-mail address:

(8) **Data Package Options** (please circle if required)
Type I (validation/NJ Reg)   TX TRRP-13
Type II (Tier II)   MA MCP   CT RCP
Type III (Reduced NJ)
Type IV (CLP SOW)
Type VI (Raw Data Only)

SDG Complete? Yes No

Site-specific QC (MS/MSD/Dup)? Yes No
(If yes, indicate QC sample and submit triplicate volume.)
Internal COC Required? Yes / No

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	9/25/06	0859	Bill [signature]	10-06	0600
Bill [signature]	10-12-6	1600			
			[signature]	10/13/06	0940

(9)

Lancaster Laboratories, Inc., 2425 New Holland Pike, Lancaster, PA 17601 (717) 656-2300 Fax: (717) 656-6766
Copies: White and yellow should accompany samples to Lancaster Laboratories. The pink copy should be retained by the client.

2102.03

Lancaster Laboratories
Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

N.D.	none detected	**BMQL**	Below Minimum Quantitation Level
TNTC	Too Numerous To Count	**MPN**	Most Probable Number
IU	International Units	**CP Units**	cobalt-chloroplatinate units
umhos/cm	micromhos/cm	**NTU**	nephelometric turbidity units
C	degrees Celsius	**F**	degrees Fahrenheit
Cal	(diet) calories	**lb.**	pound(s)
meq	milliequivalents	**kg**	kilogram(s)
g	gram(s)	**mg**	milligram(s)
ug	microgram(s)	**l**	liter(s)
ml	milliliter(s)	**ul**	microliter(s)
m3	cubic meter(s)	**fib >5 um/ml**	fibers greater than 5 microns in length per ml

< less thaQ– The QuP beUlollowlQg the slgQ ls the llP lt ol TuaQtltatloQ the sP allest aP ouQt ol aQalyte whlFh FaQ be reliably determined using this specific test.

> greater than

ppm paUls peUP lllloQ– OQe ppP ls eTulvaleQt to oQe P lllglaP peUNlogUaP (P g/Ng), oUoQe glaP peUP lllloQglaP s. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.

ppb parts per billion

Dry weight basis o esults printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture.

U.S. EPA data qualifiers:

Organic Qualifiers

A	TIC is a possible aldol-condensation product
B	Analyte was also detected in the blank
C	Pesticide result confirmed by GC/Mp
D	Compound quatitated on a diluted sample
E	Concentration exceeds the calibration range of the instrument
J	bstimated value
N	Presumptive evidence of a compound (TICs only)
P	Concentration difference between primary and confirmation columns >O5%
U	Compound was not detected
X,Y,Z	a efined in case narrative

Inorganic Qualifiers

B	s alue is <Co a L, but ≥la L
E	bstimated due to interference
M	a uplicate injection precision not met
N	p pike amount not within control limits
S	Method of standard additions (MpA) used for calculation
U	Compound was not detected
W	Post digestion spike out of control limits
*****	a uplicate analysis not within control limits
+	Correlation coefficient for MpA <0.995

AQalytlFal test Uesults loUP ethoGs llsteGoQ the laboUatoUes' aFFUeGltatloQ sFope P eet all UeTulUeP eQts ol N(/ AC uQless otherwise noted under the individual analysis.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. t e cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

WA5 5 ANT< AND / ,M,TS OF / ,AB,/ ,T< – In accepting analytical work, we warrant the accuracy of test results for the sample as submitted. Teb Fl obGl ING buPobpp t AooANTv lp buCLUplsb ANa lp Glsb N IN LIbU l F ALL l Tebo t AooANTlbp, buPobppba l o IMPLlba. t b alpCLAIM ANv l Tebo t AooANTlbp, buPobppba l o IMPLlba, INCLUalNG A t AooANTv l F FITNbpp Fl o PAoTICULAo PUoPl pb ANa t AooANTv l F MboCeANTABILITv. IN Nl bsbNT peALL LANCApTbo LABl oATl olbp Bb LIABLb Fl o INalobCT, pPbCIAL, Cl NpbQUbNTIAL, l o INClabNTAL aAMAGbp INCLUalNG, BUT Nl T LIMITba Tl , aAMAGbp Fl o Ll pp l F Pol FIT l o Gl l at ILL obGAoaLbpp l F (A) Teb NbGLIGbNCb (blTebo pl Lb l o Cl NCUoobNT) l F LANCApTbo LABl oATl olbp ANa (B) t ebTebo LANCApTbo LABl oATl olbp eAp BbbN INFl oMba l F Teb Pl ppIBILITv l F pUCe aAMAGbp. t e accept no legal responsibility for the purposes for which the client uses the test results. No purchase order or other order for work shall be accepted by Lancaster Laboratories which includes any conditions that vary from the ptandard Terms and Conditions of Lancaster Laboratories and we hereby object to any conflicting terms contained in any acceptance or order submitted by client.