1R- 299

REPORTS

DATE:

3/30/2007

1R299

URS

30 March 2007

Mr. Glen Von Gonten, Senior Hydrologist
New Mexico Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

Re: 2006 Annual Groundwater Monitoring Report
Shell Oil Products US - Penrose 'A' (Winnie Kennan Ranch)
Case Number: 1R299

Dear Mr. Von Gonten:

The attached report documents the annual groundwater monitoring activities conducted at the above-referenced site. Analytical and field results indicate the light non-aqueous phase liquids (LNAPL) plume appears to have migrated during the past year, with minor detections of benzene, toluene, ethylbenzene and/or total xylenes (BTEX constituents) in groundwater monitoring wells MW-2, MW-3, MW-4 and MW-5. Due to the presence of these constituents in groundwater monitoring wells MW-3 and MW-4, there is the possibility that there has been a new release of hydrocarbons in the area.

Based on historical analytical data in conjunction with data collected during the past year, it is recommended that the sampling frequency be reduced to semi-annually and eliminating polynuclear aromatic hydrocarbons (PAHs) from future analyses.

Should you have any questions or concerns, please feel free to contact me at (602) 648-2402 or via e-mail at iain_olness@urscorp.com. All official correspondence should be submitted to Mr. Ken Springer with Shell Oil Products US at the following address:

Mr. Ken Springer, Staff Project Manager
Shell Oil Products US
P. O. Box 1087
Huffman, TX 77336

(281) 324-5921

Kenneth.Springer@shell.com

Sincerely,

URS Corporation

Iain Olness, P.G.
Senior Geologist

Attachments: *2006 Annual Groundwater Monitoring Report*

cc: Ken Springer, SOPUS – Houston
Larry Johnson, NMOCD – Hobbs

URS Corporation
7720 North 16th Street, Suite 100
Phoenix, AZ 85020
Tel: 602.371.1100
Fax: 602.371.1615

1R 299

URS

2006 ANNUAL GROUNDWATER MONITORING REPORT

PENROSE 'A' LEASE
(WINNIE KENNAN RANCH)
CASE NUMBER: 1R299
INCIDENT NUMBER: 300108

SW¼ SE¼, SEC. 3, T23S, R37E
LEA COUNTY, NEW MEXICO

Prepared for:
SHELL OIL PRODUCTS US

URS Job No. 49194413
23 March 2007

TABLE OF CONTENTS

LIST OF FIGURES

LIST OF TABLES

LIST OF APPENDICES

1.0 INTRODUCTION

This *Annual Report* has been prepared to document the results of groundwater monitoring, sampling and remediation activities conducted during 2006 at the Penrose 'A' Lease (Winnie Kennan Ranch) located approximately seven (7) miles southeast of Eunice, New Mexico, off New Mexico State Highway 18, in Lea County, New Mexico (reference Figures 1 and 2). A review of the New Mexico Office of the State Engineer website and the United States Geological Survey (USGS) database revealed the presence of ten (10) water supply wells within a one-mile radius of the point of release (reference Figure 2 and Table 1). No wells were found to be located within a 1,000-foot radius of the point of release, with the nearest wells being located approximately 1,800 feet northeast (i.e., upgradient) of the point of release.

This report complies with the New Mexico Oil Conservation Division (NMOCD) requirements and addresses all activities performed during the annual period of 2006. Quarterly groundwater monitoring and sampling events were performed to further evaluate the nature and extent of petroleum hydrocarbon constituents benzene, toluene, ethylbenzene, and total xylenes (BTEX) and polynuclear aromatic hydrocarbons (PAH) in groundwater. The sampling events were performed on February 28, June 30 and October 3, 2006 by Conestoga Rovers and Associates and on December 28, 2006 by Environmental Plus, Inc., under the direction of URS Corporation. In addition, maintenance of the onsite remediation and light non-aqueous phase liquid (LNAPL) abatement activities were performed monthly throughout 2006.

2.0 CHRONOLOGY OF EVENTS

A summary of significant events and activities performed at the site is presented below.

March 2000	Shell and Enercon perform a site walk of the property in an area of historic crude oil releases of an unknown amount.
October to November 2000	Enercon was onsite to excavate approximately 10,800 cubic yards of soil, which were transported and landfarmed offsite. The site was excavated to a depth of 40 feet below ground surface (bgs) with TPH exceeding NMOCD standards at that depth. The NMOCD agreed with Shell that for safety purposes further excavation should be halted.
May 2001	Enercon submits the excavation report to the NMOCD.
November 2001	NMOCD requests installation of a soil boring/monitor well in center of excavation to determine amount of remaining hydrocarbon impacts to the soils/groundwater.
January 2002	Enercon is onsite to advance one soil boring within the excavation from a depth of 40 feet bgs to groundwater located at approximately 75 feet bgs. The soil boring was converted to temporary monitor well TMW-1. Soils exceeded NMOCD standards of 1,000 milligrams per kilogram (mg/Kg) TPH. LNAPL in the form of crude oil was measured in TMW-1.
April 2002	Enercon submits *Workplan for Soil Remediation and Monitor Well Installation* to NMOCD. Workplan includes installation of clay liner over remaining hydrocarbon impacted soils.
May 2002	Enercon submits *Report Detailing the Installation of Temporary Monitor Well TMW-1* to NMOCD.
April 2004	NMOCD agrees to work plan design and installation of additional monitor wells to delineate site groundwater impacts.
June 2004	Enercon places a 4-foot clay liner above remaining hydrocarbon impacted soils and backfills excavation with soils from surrounding sand dunes. Temporary monitor well TMW-1 is converted to monitor well MW-1.
July 2004	Enercon advances four soil borings to approximately 80-feet bgs and converts soil borings to monitor wells (MW-2 through MW-5). Monthly LNAPL recovery of MW-1 initiated.
November 2004	Enercon submits *Phase II Backfilling Activities with Site Groundwater/Soil Characterization* to NMOCD.
March 2005	Enercon submits *2004 Annual Groundwater Monitoring Report* to the NMOCD.
September 2005	Enercon installs one Clean Environments CEE© Product Only Pump in monitor well MW-1.
January 2006	Site maintenance and environmental management of property transitioned from Enercon to Conestoga-Rovers and Associates (CRA).

April 2006	CRA submits *2005 Annual Groundwater Monitoring Report* to Shell Oil Products US (SOPUS) and the NMOCD.
October 10, 2006	Site maintenance and environmental management of property transitioned from CRA to URS Corporation.
March 2007	URS Corporation submits *2006 Annual Groundwater Monitoring Report* to SOPUS and the NMOCD.

3.0 2006 GROUNDWATER MONITORING AND SAMPLING ACTIVITIES

3.1 FIELD PROCEDURES

Groundwater sampling events were performed on February 28, June 30, October 3, and December 28, 2006. Monitor well locations and site details are illustrated in Figure 3. Prior to sampling, fluid levels were measured in each well. Wells that did not contain measurable light non-aqueous phase liquids (LNAPL) (less than 0.01 feet) were purged of approximately three (3) well volumes of groundwater or to dryness. After purging, samples were collected from each well with a new disposable Teflon® bailer. The samples were transferred directly from the bailer into laboratory supplied containers. The samples were then placed into coolers and chilled with ice. Purged water collected during each event was stored in several 55-gallon drums located on site.

3.2 GROUNDWATER GAUGING DATA

During 2006, depth to groundwater across the site ranged from 70.79 feet to 73.08 feet below the top of the casing, with an average groundwater gradient of approximately 0.0057 ft/ft to the southwest. Groundwater gauging data are summarized in Table 2 and illustrated in Figure 4. These observations are consistent with historical data collected at the site. Average groundwater elevations at the site, adjusted for LNAPL, during the February, June, October, and December 2006 sampling events were 3,226.70 feet, 3,226.68 feet, 3,226.62 feet and 3,226.54 feet above mean sea level, respectively. This data indicates the average depth to groundwater at the site decreased approximately 0.14 feet between October 5, 2005 and December 28, 2006. Groundwater gradient maps for the February, June, October, and December 2006 sampling events are illustrated on Figures 5 through 8, respectively.

3.3 ANALYTICAL RESULTS

Groundwater samples were submitted to TestAmerica Analytical Testing Corporation (TestAmerica), of Nashville, Tennessee for quantification of benzene, toluene, ethylbenzene and total xylenes (BTEX) concentrations via Environmental Protection Agency (EPA) Method SW846-8021B or SW846-8260B and polynuclear aromatic hydrocarbons (PAH) concentrations via EPA Method 8270C during the first two quarterly sampling events of 2006 and PAH concentrations via EPA Method 8270C and extractable petroleum hydrocarbons (i.e., total petroleum hydrocarbons) via the Texas 1005 method during the third quarter of 2006. Groundwater samples collected during the final quarter of 2006 were submitted to TestAmerica of Phoenix, Arizona for quantification of BTEX concentrations via EPA Method SW846-8260B. Groundwater samples were not collected from groundwater monitoring well MW-1 due to the presence of LNAPL on the water column.

During the 2006 reporting period, dissolved-phase concentrations of PAH's were below laboratory standard quantitation limits (SQLs) in all sampled wells. Dissolved-phase concentrations of BTEX ranged from non-detectable (ND) at or above the laboratory SQLs and/or reporting limits (RLs) to concentrations in excess of the New Mexico Water Quality Control Commission (NMWQCC) Standards (reference Tables 3 and 4 and Figures 9 through 12). Benzene concentrations ranged from ND at or above the laboratory SQL and/or RL to eleven (11) micrograms per liter (µg/L), which exceeds of the NMWQCC standard of ten (10) µg/L.

The BTEX and PAH analytical results are summarized in Tables 3 and 4 and on Figures 13 through 16. Copies of the certified laboratory reports and chain-of-custody documentation are included as Appendix A.

4.0 LNAPL RECOVERY ACTIVITIES

During the 2006 monitoring period, measurable LNAPL in the form of crude oil was present in monitor well MW-1 with an average thickness of 1.65 feet (reference Figures 13 through 16). Historically, from July 2004 through October 2005, the LNAPL thickness has averaged 2.17 feet in MW-1. This is a decrease of 0.52 feet for 2006. During 2006, LNAPL abatement activities were performed by utilizing a Clean Environments CEE© Product Only Pump installed in groundwater monitoring well MW-1 in September 2005 and operated through early October 2006. The product only pump, which is operated by a carbon dioxide cylinder, was shut down in early October 2006 and remained off the rest of the year due to transference of the site from CRA to URS Corporation. LNAPL recovery from the onsite remediation system is summarized on Table 1. As of December 31, 2006, an approximate total of 19.3 gallons of LNAPL have been recovered at the site. Of this, approximately 11.5 gallons of LNAPL have been recovered by hand bailing, and 7.8 gallons by the onsite remediation system. Recovered LNAPL is stored in a 55-gallon steel drum within a fiberglass secondary containment adjacent to monitor well MW-1. Compared to historical data, the measured LNAPL thickness at the site is similar to 2005 measured levels.

5.0 SUMMARY OF FINDINGS

Key findings based on the assessment/remediation activities conducted during 2006 are presented below:

- The groundwater gradient remains relatively constant at approximately 0.0057 ft/ft to the southwest.
- LNAPL was present throughout the year in monitor well MW-1 with an average thickness of 1.65 feet.
- The dissolved-phase concentrations of PAHs were below SQLs in all samples collected from the groundwater monitoring well network during the past year.
- A CEE© Product Only Pump was installed in monitor well MW-1 in September 2005 to enhance recovery of LNAPL and has recovered approximately 7.8 gallons since installation.
- BTEX constituents were detected in samples collected from all groundwater monitoring wells during 2006, the first such detections since the wells were originally installed in July 2004.

6.0 RECOMMENDATIONS

Based on field and analytical data for samples collected during the past year and analytical results for samples collected previously from the groundwater monitoring well network the following recommendations are made:

1) Reduce the sampling frequency from quarterly to semi-annually for groundwater monitoring wells MW-2 through MW-5.

2) Submit the collected samples for quantification of BTEX via EPA Method SW846-8260B.

3) Continue semi-monthly monitoring (i.e., twice per month) of the free-product recovery system to ensure the system is operating efficiently and effectively.

4) Submit the results of the Annual Sampling Program to the New Mexico Oil Conservation Division by April 1, 2008.

Figure 1 Area Map URS Kennan Penrose A	Lea County, New Mexico SW 1/4 of the SE 1/4, Sec. 3, T23S, R37E N 32° 19' 36.39" W 103° 08' 54.31" Elevation: 3,300 feet amsl	DWG By: Daniel Dominguez October 2006	REVISED:	N
		0 3 6 Miles	SHEET 1 of 1	

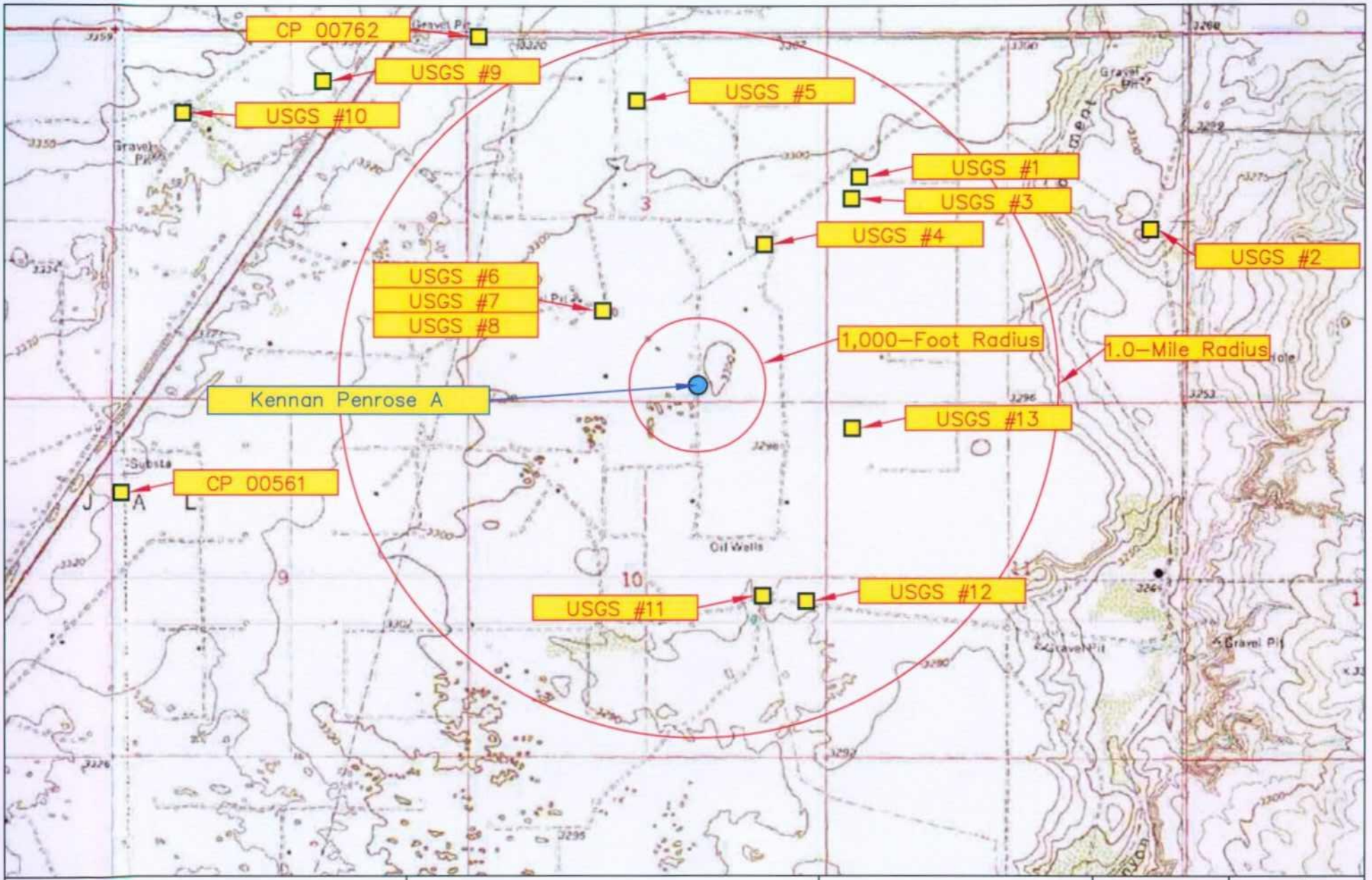
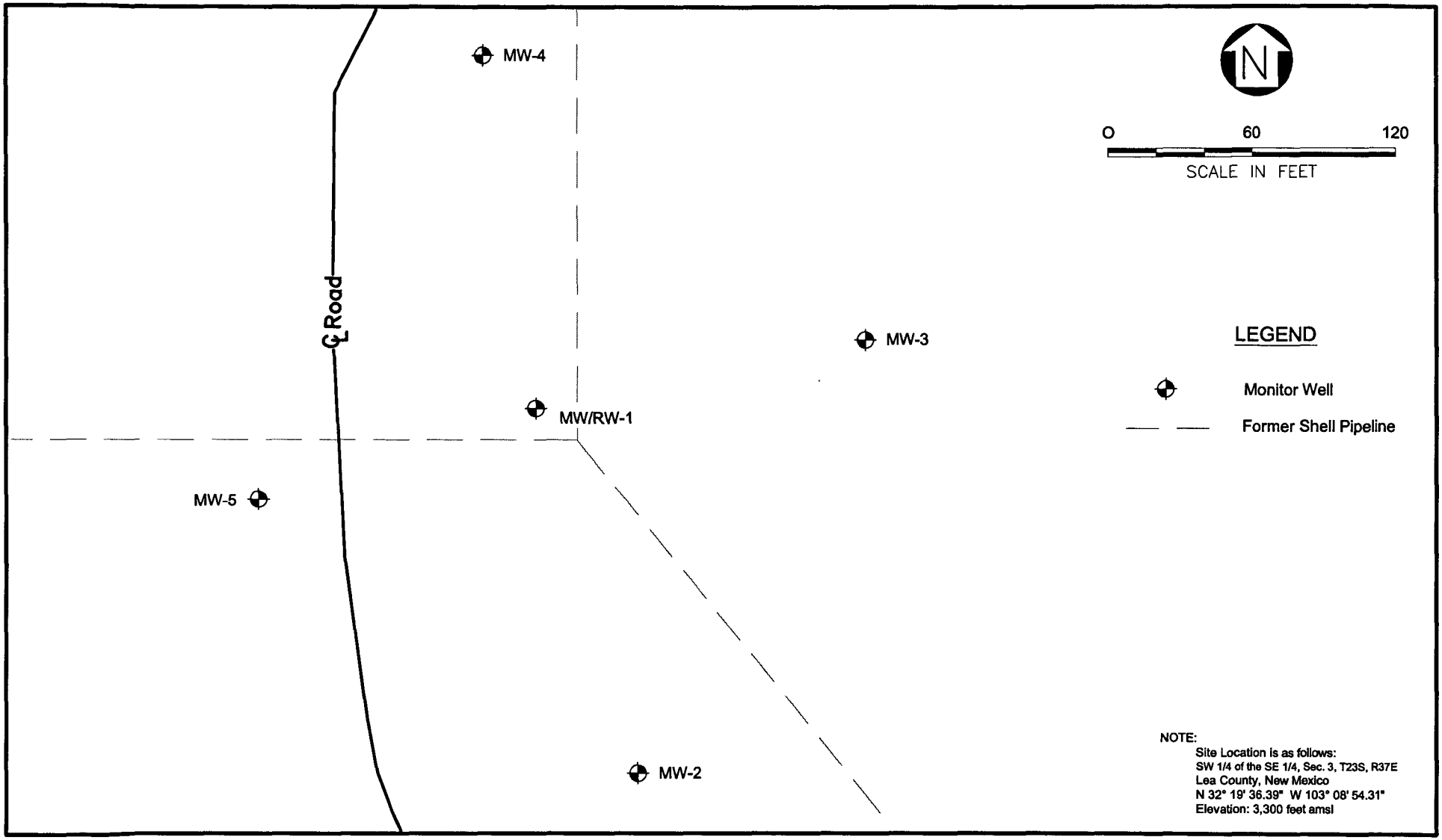


Figure 2 Site Location Map URS Kennan Penrose A	Lea County, New Mexico SW 1/4 of the SE 1/4, Sec. 3, T23S, R37E N 32° 19' 36.39" W 103° 08' 54.31" Elevation: 3,300 feet amsl	DWG By: Daniel Dominguez October 2006	REVISED: SHEET 1 of 1



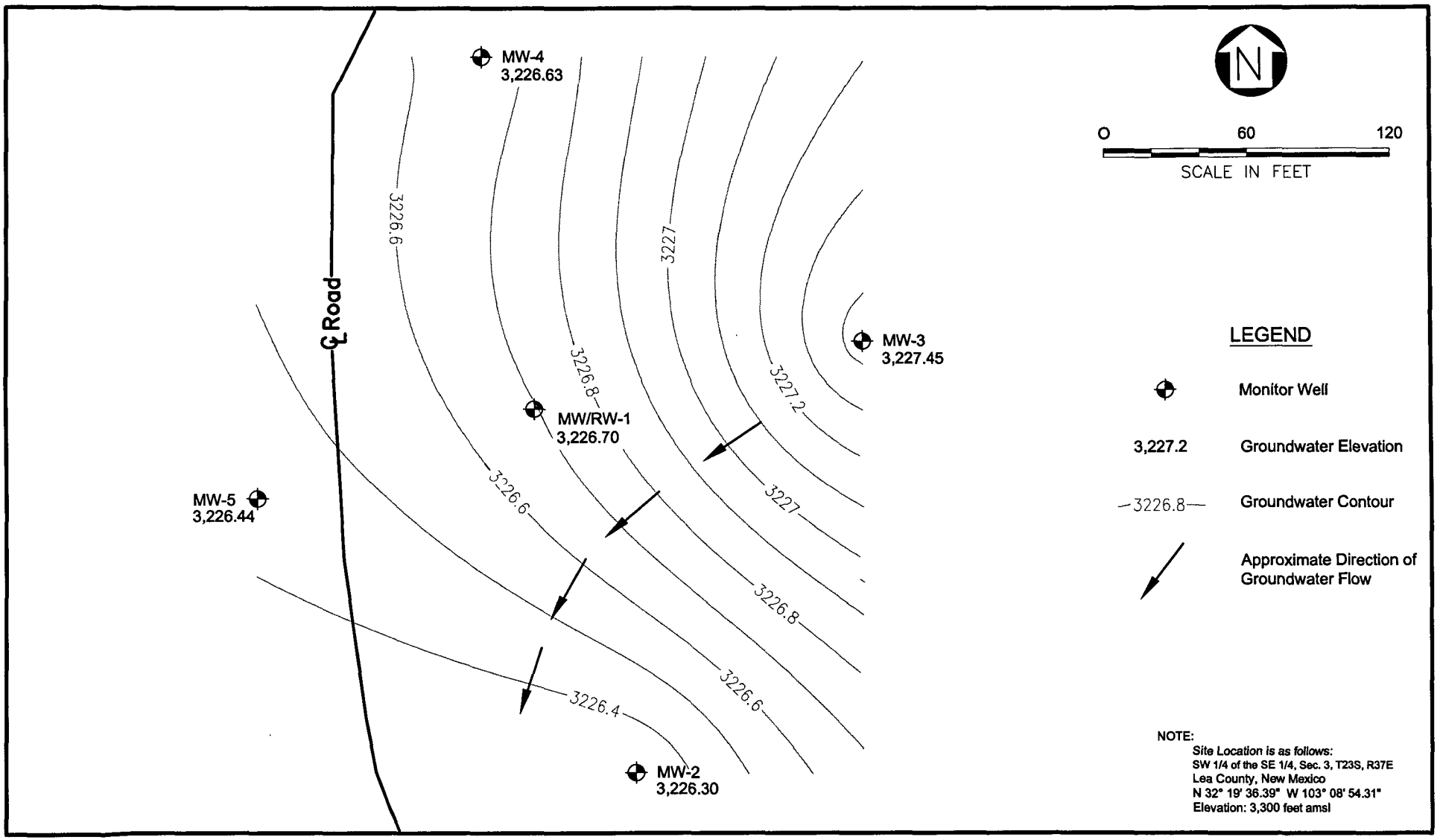
SITE MAP
KENNAN PENROSE "A"
28 FEBRUARY 2006

URS

Figure 3

P/SHELL/JOB SITES/NEW MEXICO SITES/300108(KENNAN-PENROSE A- LEA WINK ALT)/FIGURES/A17103.DWG 02-12-07

Figure 4: Hydrograph for Groundwater Monitoring Wells MW-1 through MW-5, Shell Oil Products US Kennan Penrose "A" Lease, Lea County, New Mexico, from 07-26-04 through 12-31-06.

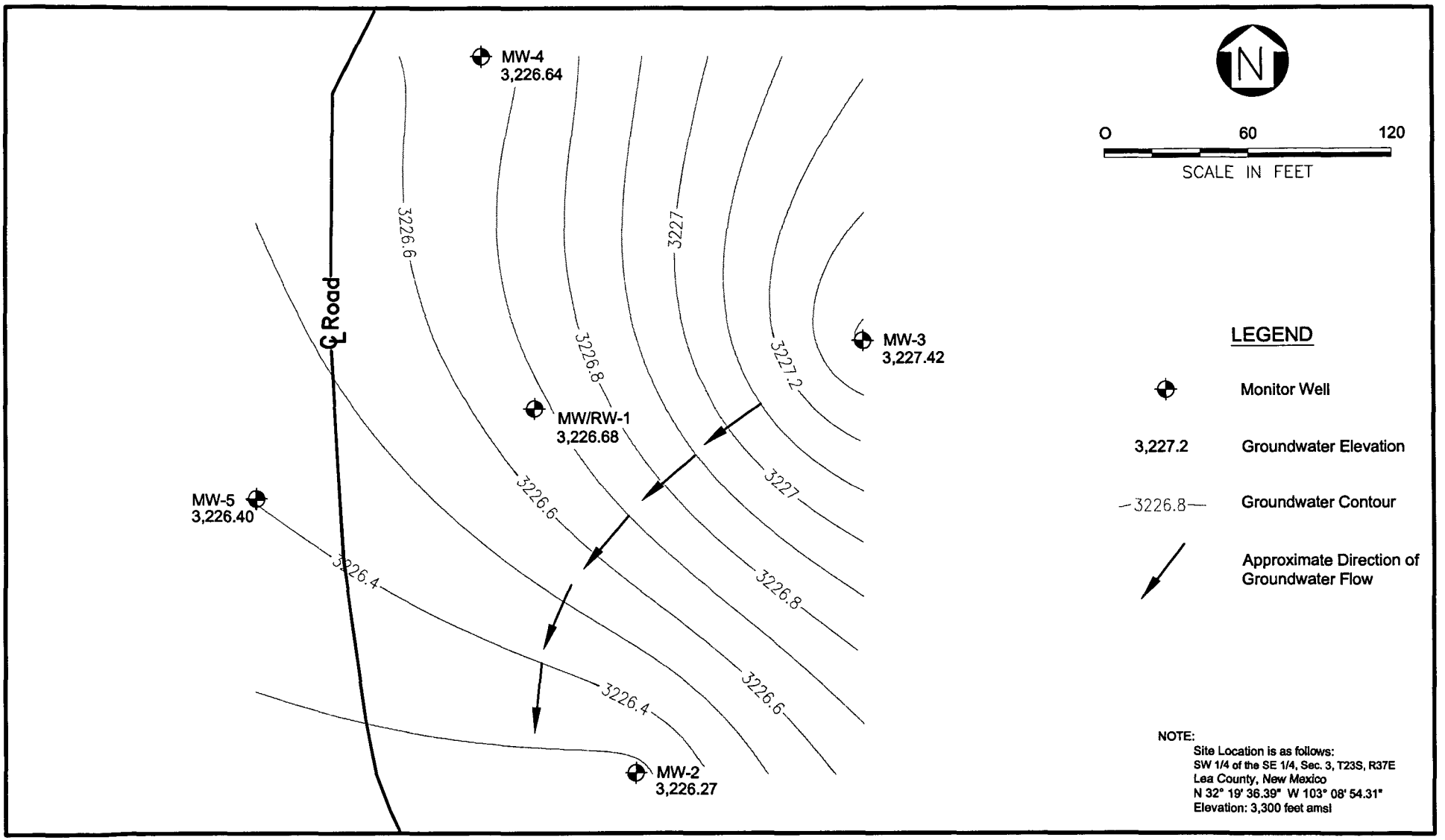


GROUNDWATER ELEVATION CONTOUR MAP
KENNAN PENROSE "A"
28 FEBRUARY 2006

URS

Figure 5

P/SHELL/JOB SITES/NEW MEXICO SITES/300108(KENNAN-PENROSE A- LEA WINK ALT)/FIGURES/A17094.DWG 02-12-07

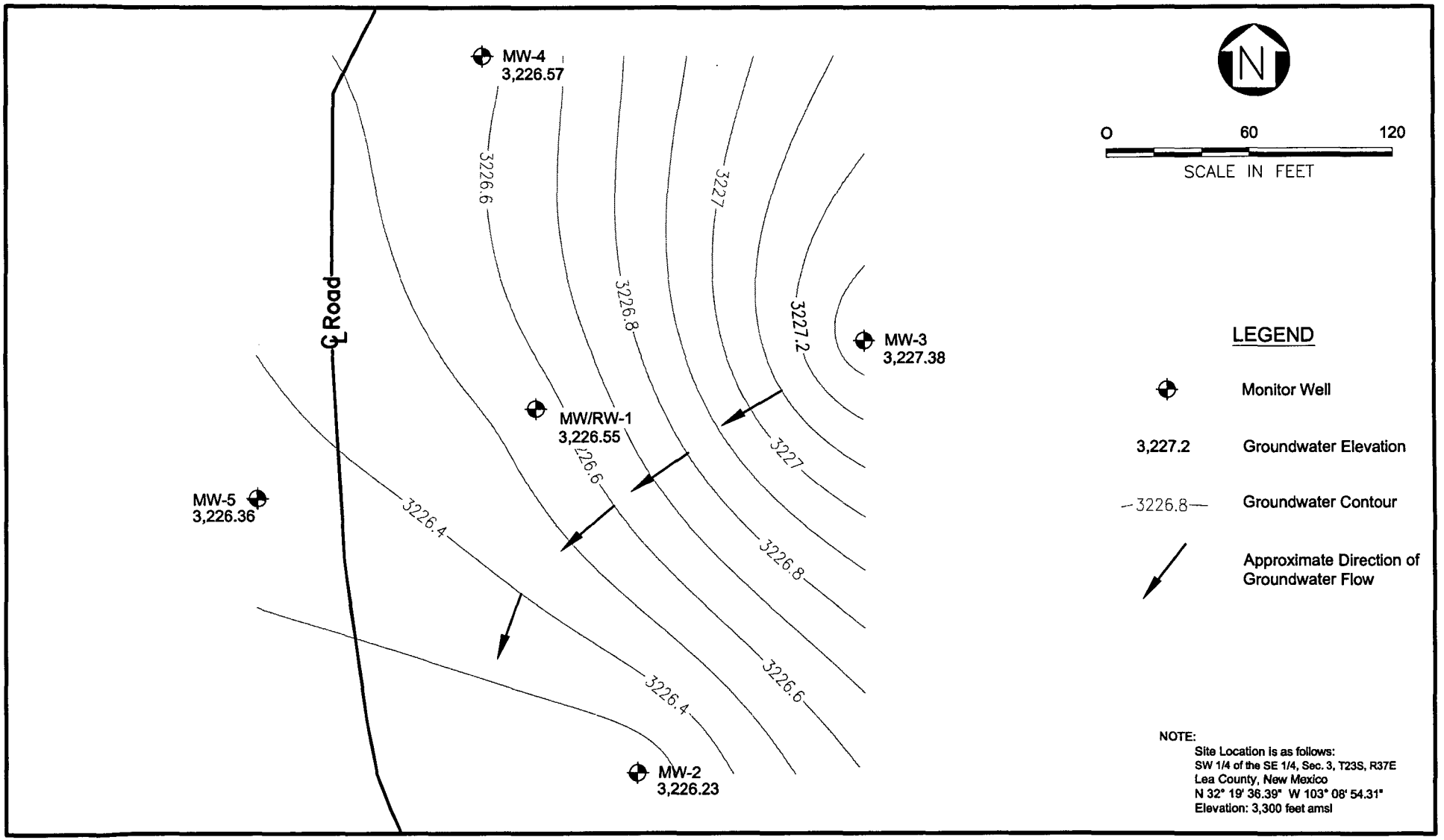


GROUNDWATER ELEVATION CONTOUR MAP
KENNAN PENROSE "A"
30 JUNE 2006

URS

Figure 6

P/SHELL/JOB SITES/NEW MEXICO SITES/300108(KENNAN-PENROSE A- LEA WINK ALT)/FIGURES/A17095.DWG 02-12-07

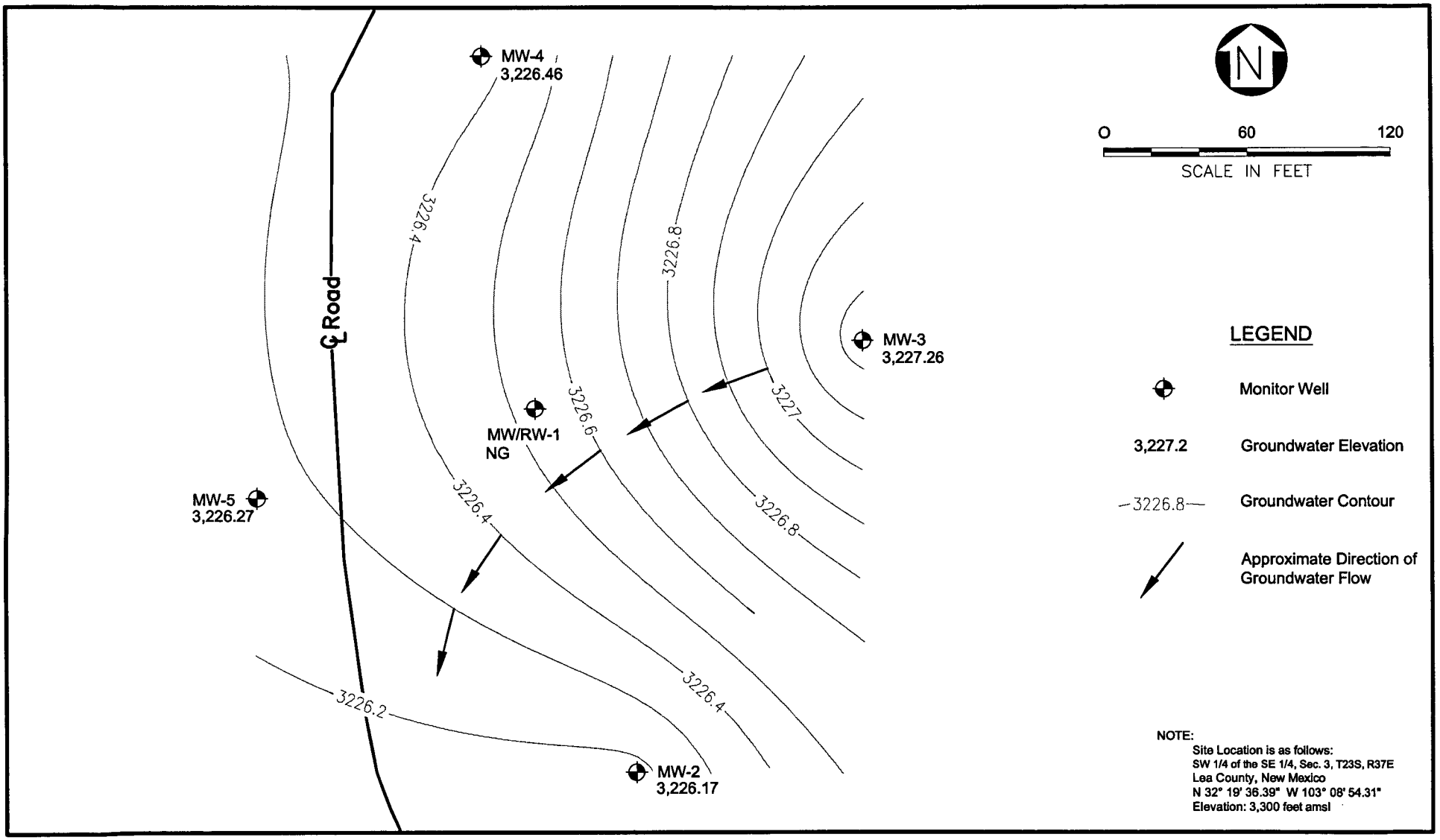


GROUNDWATER ELEVATION CONTOUR MAP
KENNAN PENROSE "A"
03 OCTOBER 2006

URS

Figure 7

P/SHELL/JOB SITES/NEW MEXICO SITES/300108(KENNAN-PENROSE A- LEA WINK ALT)/FIGURES/A17096.DWG 02-12-07

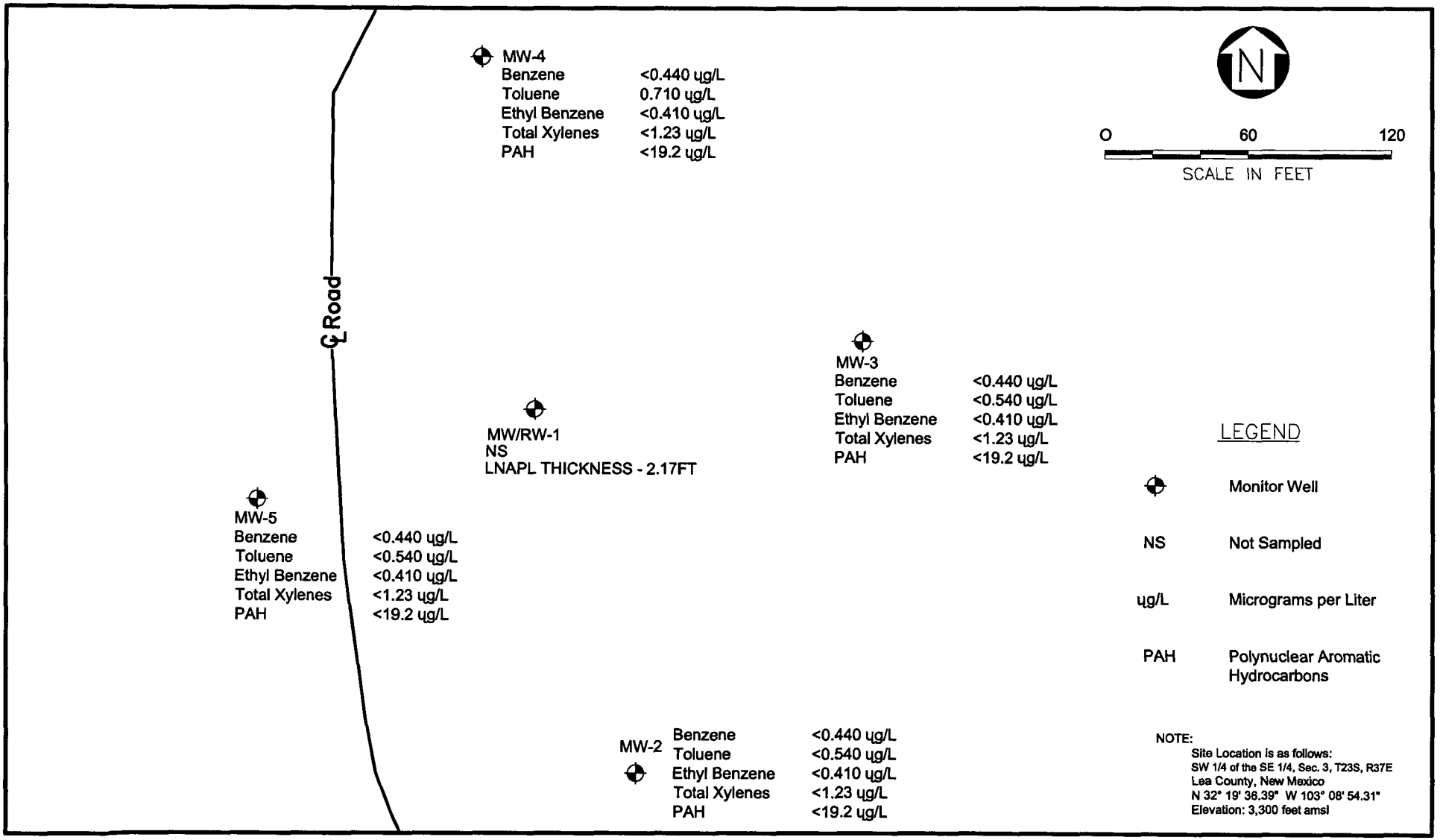


GROUNDWATER ELEVATION CONTOUR MAP
KENNAN PENROSE "A"
28 DECEMBER 2006

URS

Figure 8

P/SHELL/JOB SITES/NEW MEXICO SITES/300108(KENNAN-PENROSE A- LEA WINK ALT)/FIGURES/A17097.DWG 02-12-07



GROUNDWATER BTEX AND PAH ANALYTICAL RESULTS

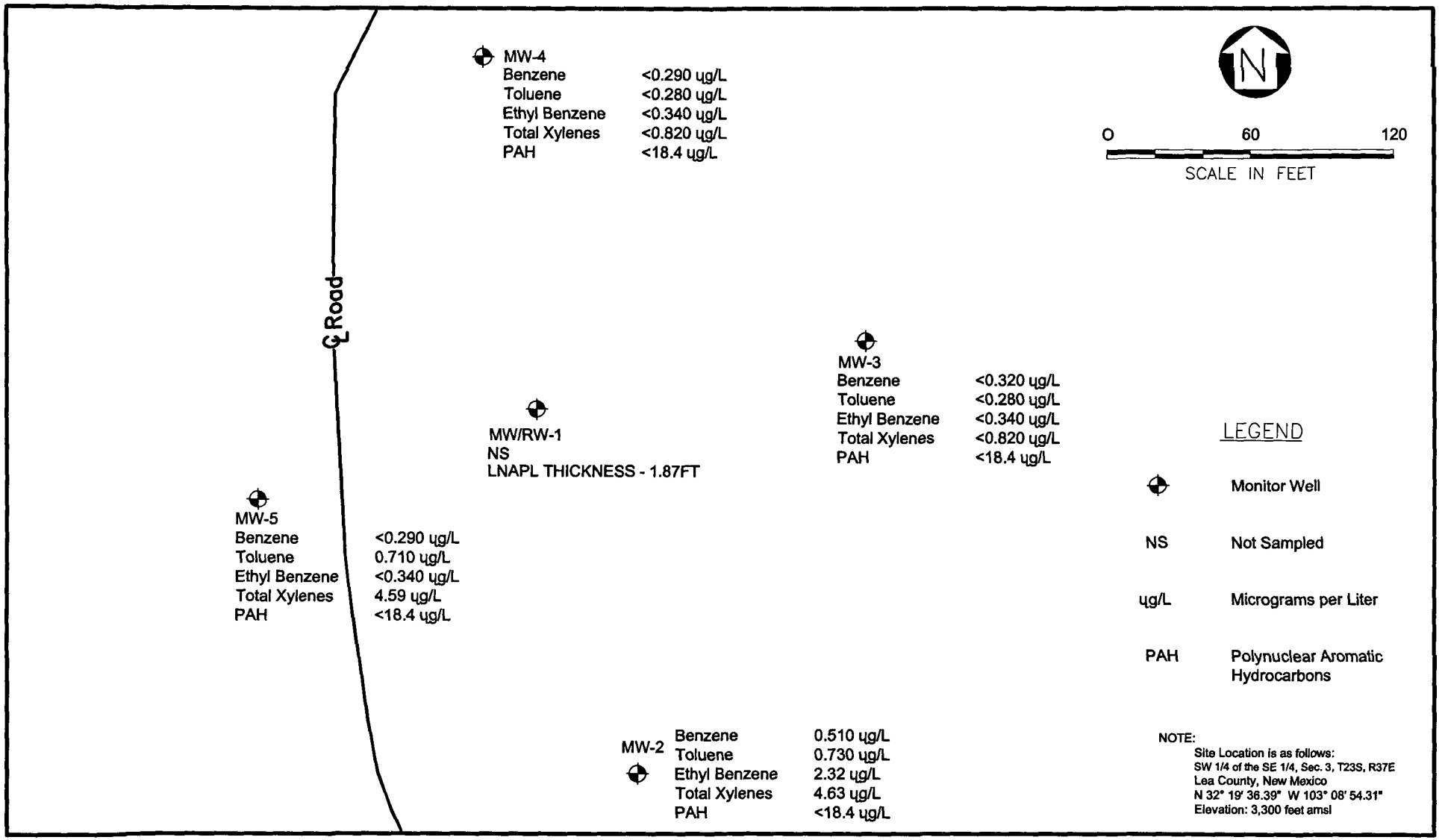
KENNAN PENROSE "A"

28 FEBRUARY 2006

URS

Figure 9

P/SHELL/JOB SITES/NEW MEXICO SITES/300108(KENNAN-PENROSE A- LEA WINK ALT)/FIGURES/A17098.DWG 02-12-07



GROUNDWATER BTEX AND PAH ANALYTICAL RESULTS

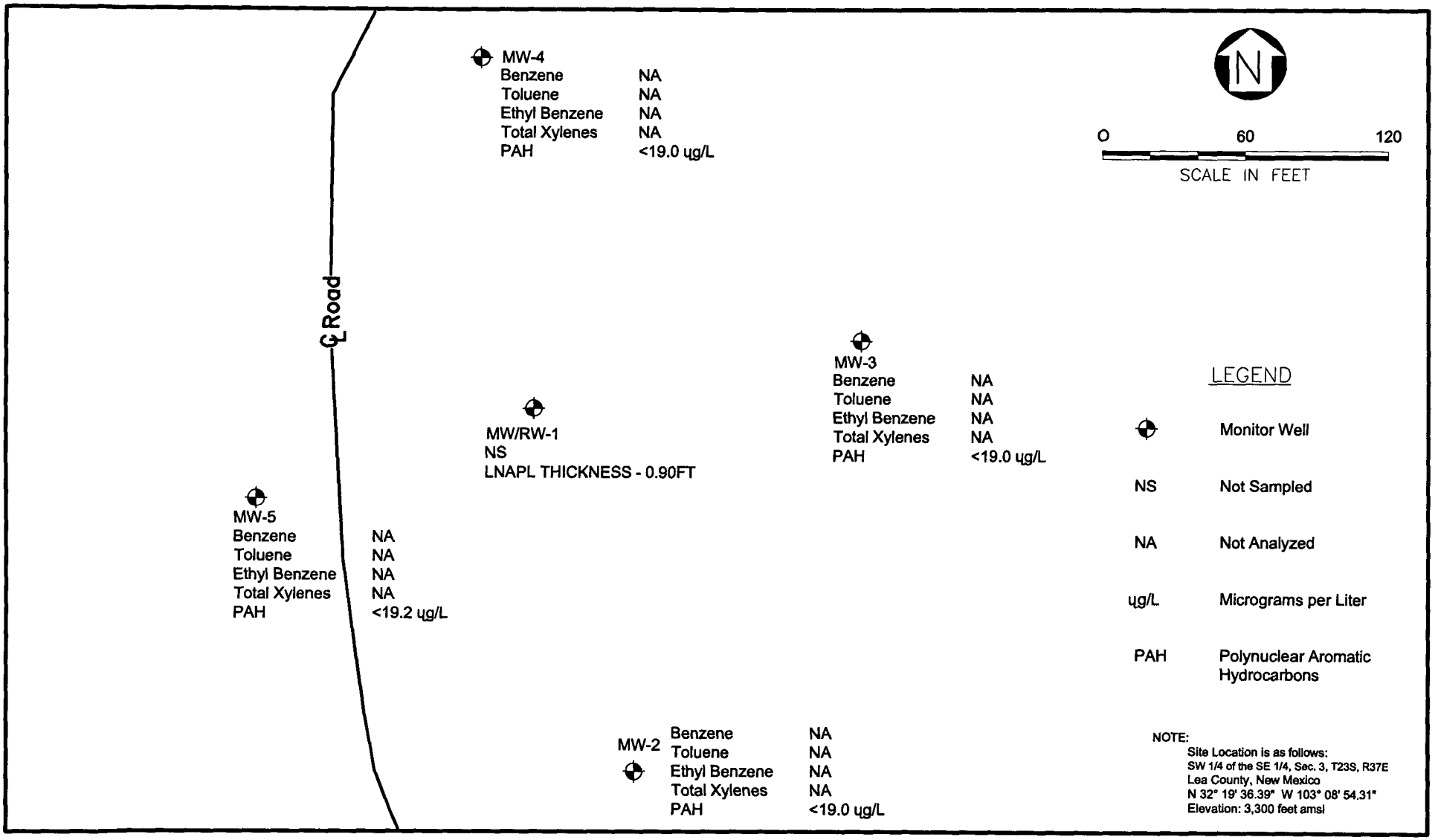
KENNAN PENROSE "A"

30 JUNE 2006

URS

Figure 10

P/SHELL/JOB SITES/NEW MEXICO SITES/300108(KENNAN-PENROSE A- LEA WINK ALT)/FIGURES/A17099.DWG 02-12-07



GROUNDWATER BTEX AND PAH ANALYTICAL RESULTS

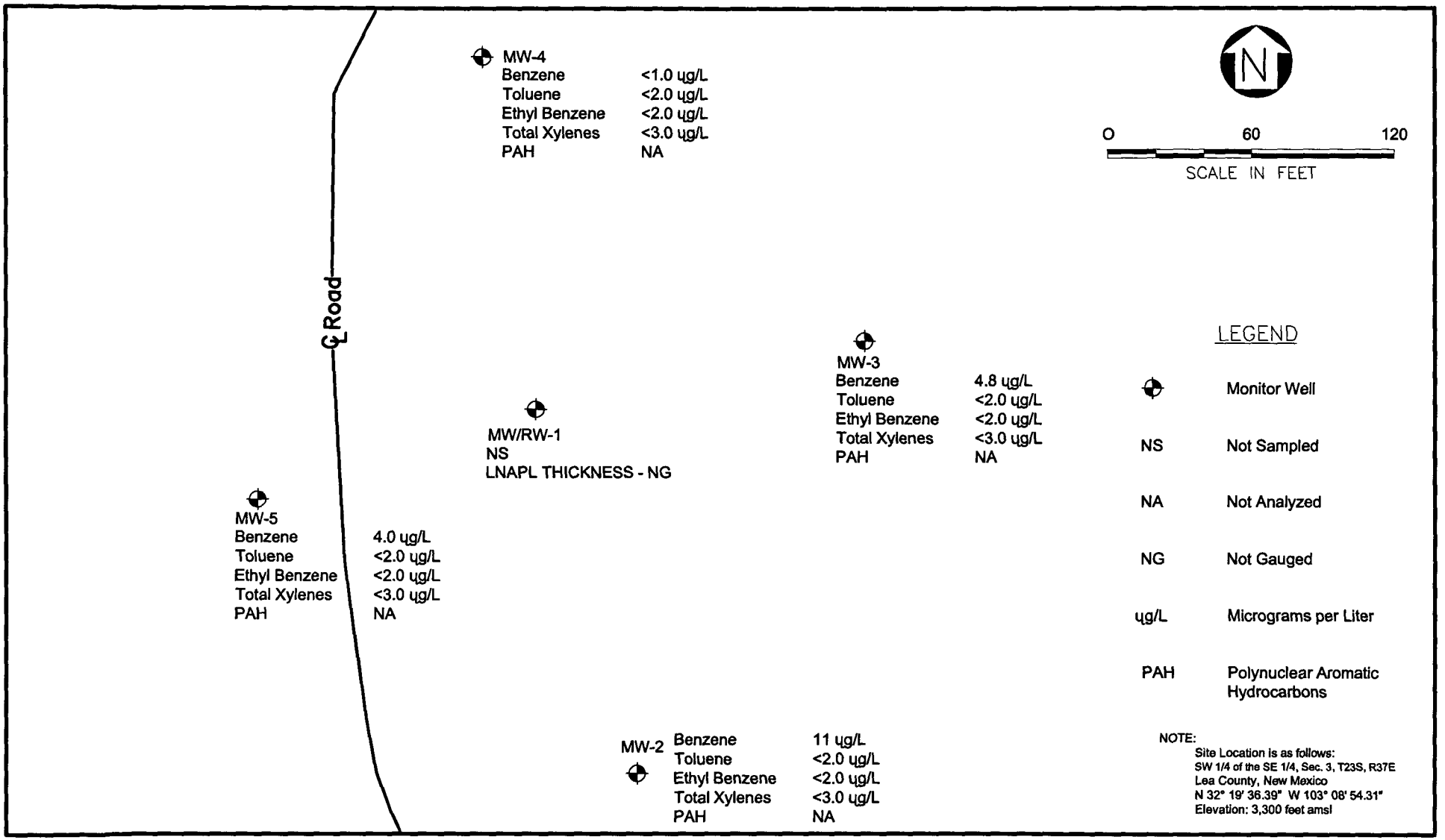
KENNAN PENROSE "A"

03 OCTOBER 2006

URS

Figure 11

P/SHELL/JOB SITES/NEW MEXICO SITES/300108(KENNAN-PENROSE A- LEA WINK ALT)/FIGURES/A17100.DWG 02-12-07



GROUNDWATER BTEX AND PAH ANALYTICAL RESULTS

KENNAN PENROSE "A"

28 DECEMBER 2006

URS

Figure 12

P/SHELL/JOB SITES/NEW MEXICO SITES/300108(KENNAN-PENROSE A- LEA WINK ALT)/FIGURES/A17101.DWG 02-12-07

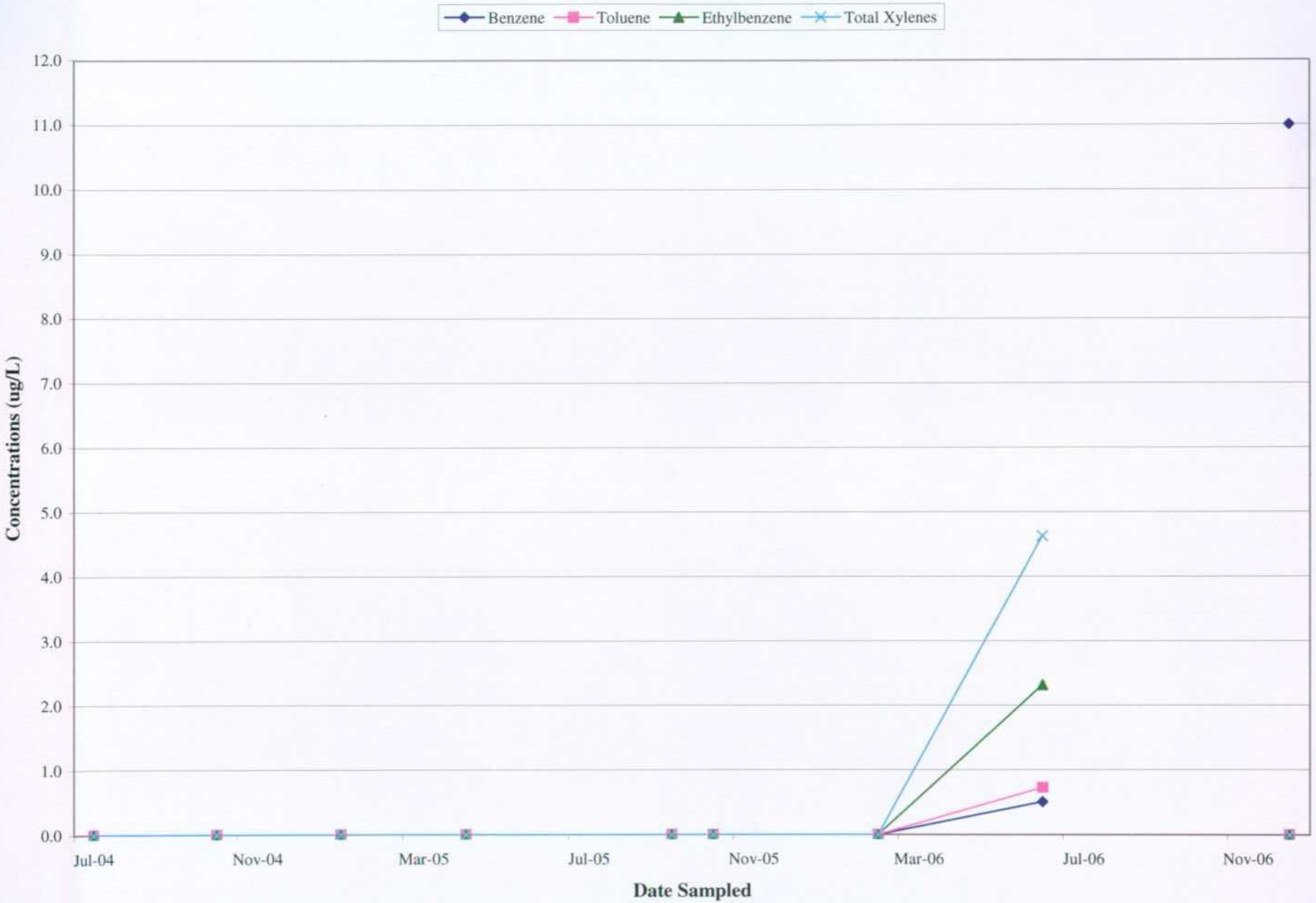


Figure 13: BTEX Concentrations for Groundwater Monitoring Well MW-2, Shell Oil Products US Kennan Penrose "A" Lease, Lea County, New Mexico, from 07-26-04 through 12-31-06.

Non-detectable concentrations are illustrated as zero concentrations.

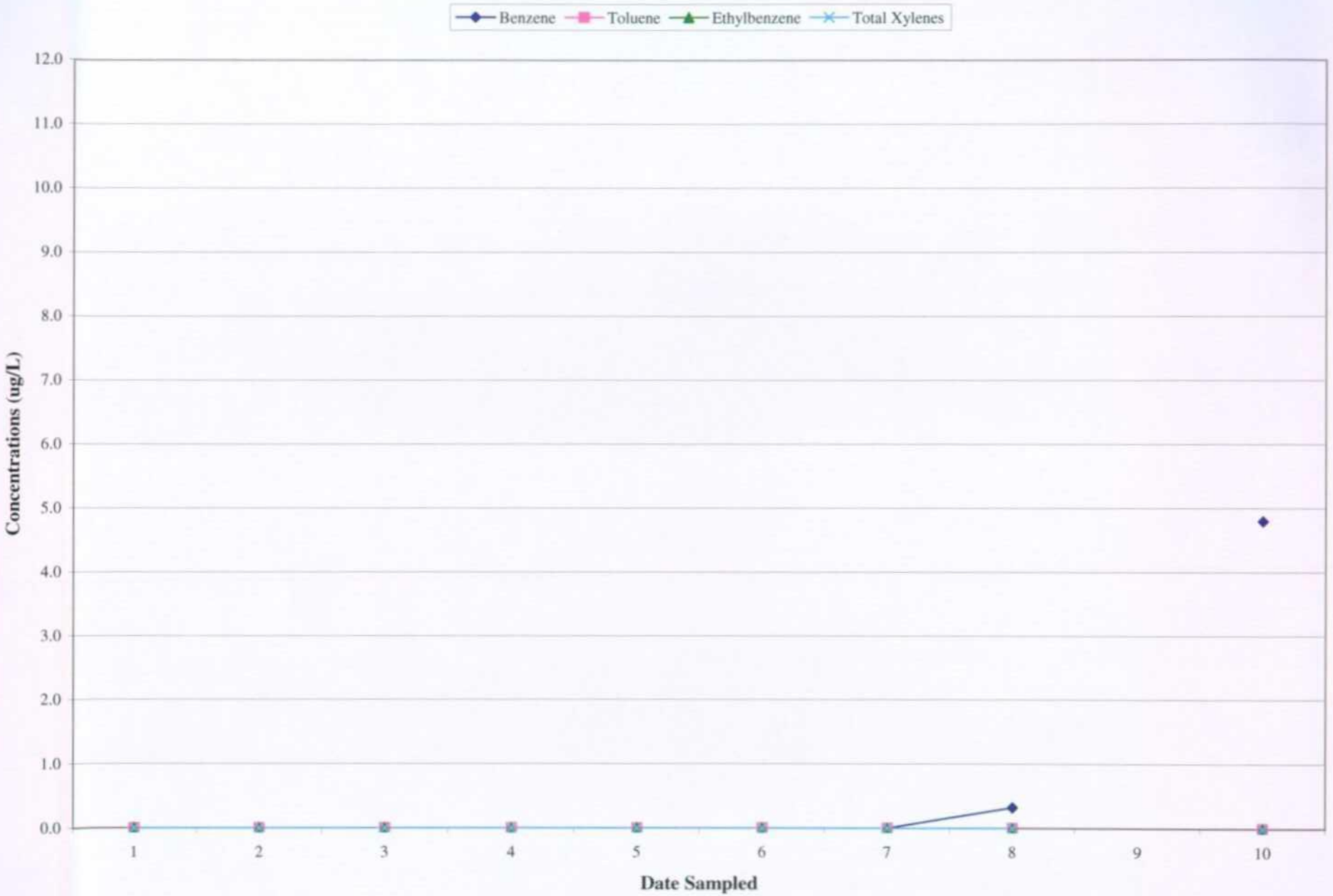


Figure 14: BTEX Concentrations for Groundwater Monitoring Well MW-3, Shell Oil Products US Kennan Penrose "A" Lease, Lea County, New Mexico, from 07-26-04 through 12-31-06.

Non-detectable concentrations are illustrated as zero concentrations.

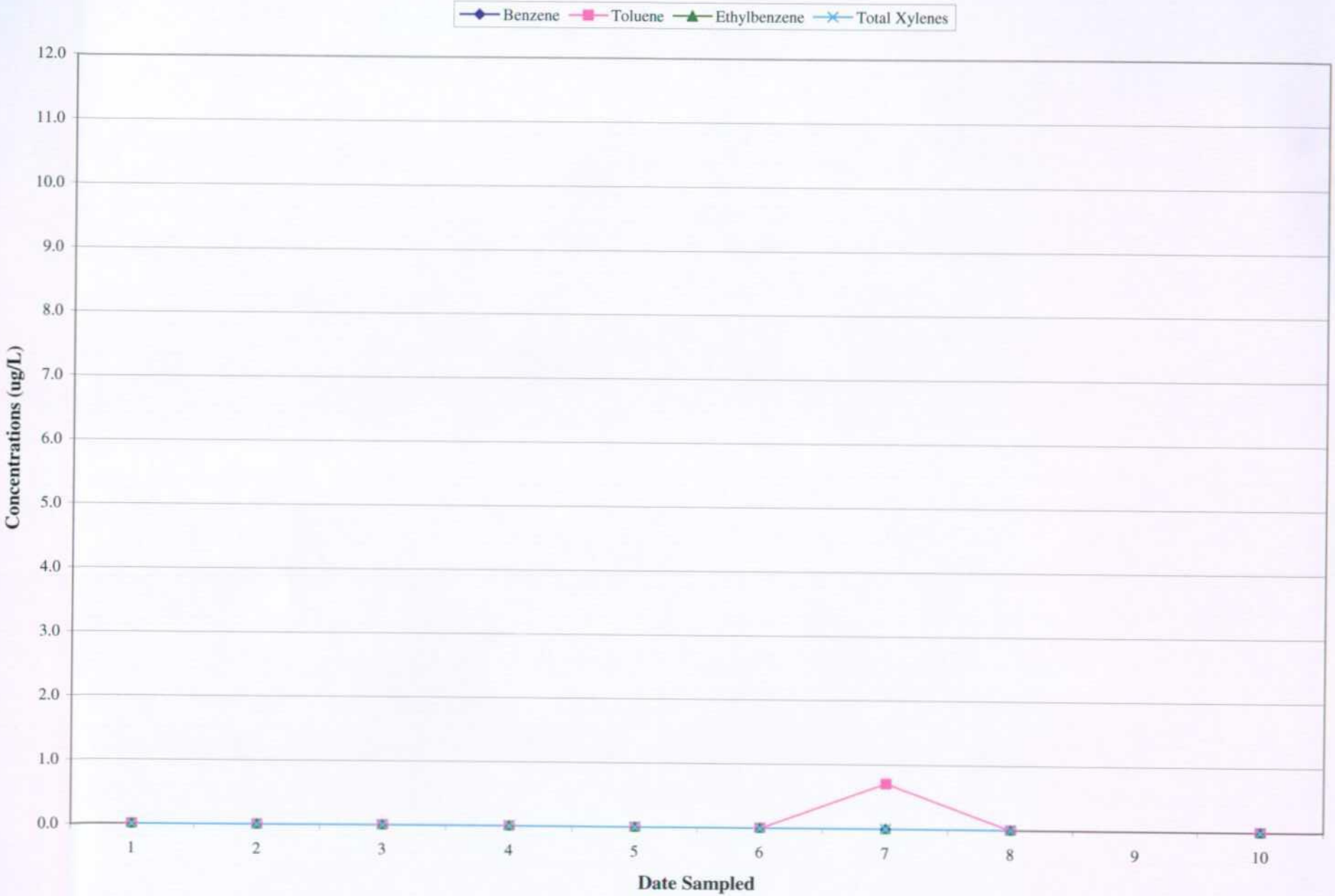


Figure 15: BTEX Concentrations for Groundwater Monitoring Well MW-4, Shell Oil Products US Kennan Penrose "A" Lease, Lea County, New Mexico, from 07-26-04 through 12-31-06.

Non-detectable concentrations are illustrated as zero concentrations.

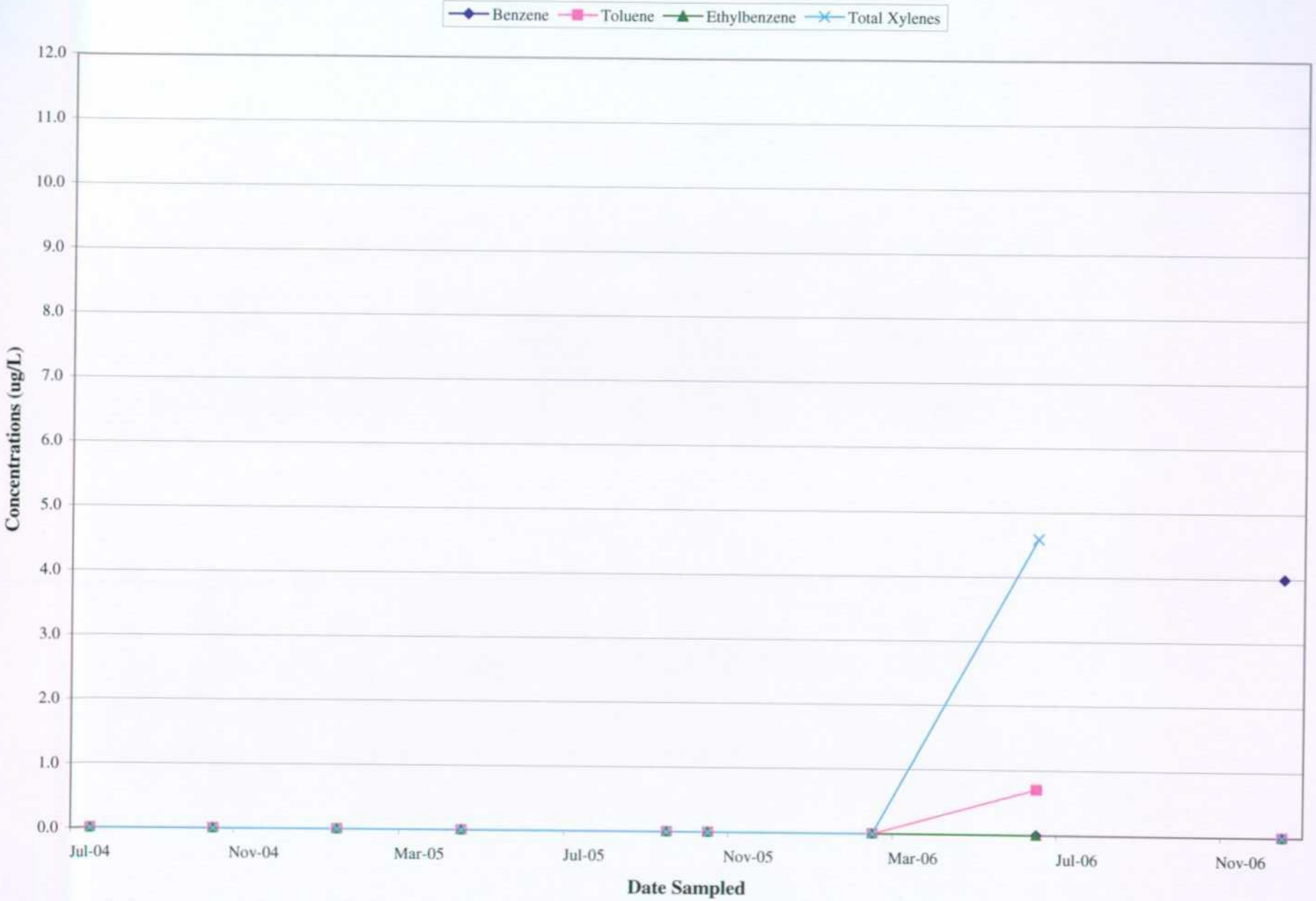


Figure 16: BTEX Concentrations for Groundwater Monitoring Well MW-5, Shell Oil Products US Kennan Penrose "A" Lease, Lea County, New Mexico, from 07-26-04 through 12-31-06.

Non-detectable concentrations are illustrated as zero concentrations.

TABLE 1

Well Data

URS - Kennan Penrose A (EPI Ref. #350001)

Well Number	Diversion[A]	Owner	Use	Twsp	Rng	Sec q q q	Latitude	Longitude	Date Measured	Surface Elevation[B]	Depth to Water (ft bgs)
CP 00762	0	TEXACO	PRO	23S	37E	09 1 1	N32° 19' 20.79"	W103° 10' 33.43"	09-May-91	3,319	100
CP 00561	3	DELLA M. FERGUSON	STK	22S	37E	34 3 3 3	N32° 20' 27.50"	W103° 09' 31.85"	29-Dec-76	3,325	60
USGS #1				23S	37E	2 1 3 3			18-Dec-70	3,299	71.18R
USGS #2				23S	37E	2 4 2 2			29-Feb-96	3,300	63.09
USGS #3				23S	37E	2 1 3 3			19-Mar-81	3,298	64.34
USGS #4				23S	37E	3 4 2 1			16-Jan-76	3,296	70.56
USGS #5				23S	37E	3 1 2 4			21-Feb-96	3,305	69.85
USGS #6				23S	37E	3 3 2 3			19-Mar-81	3,297	107.85
USGS #7				23S	37E	3 3 4 1			27-Oct-65	3,297	66.20
USGS #8				23S	37E	3 3 4 2			16-May-91	3,297	70.52
USGS #9				23S	37E	4 2 1 1			20-Mar-86	3,340	78.90
USGS #10				23S	37E	4 1 1 4			19-Mar-86	3,340	83.25
USGS #11				23S	37E	10 4 2 1			21-Feb-96	3,291	65.93
USGS #12				23S	37E	10 4 2 2			21-Mar-86	3,291	68.74
USGS #13				23S	37E	11 1 1 1			21-Feb-96	3,298	68.55
USGS #14				22S	37E	33 2 2 3			14-Feb-96		72.97
USGS #15				22S	37E	34 4 1 1			19-Mar-81		51.01
USGS #16				22S	37E	34 1 2 1			26-Apr-91		48.47
USGS #17				22S	37E	35 1 4 4			05-Mar-86		54.49
USGS #18				22S	37E	35 1 4 2			19-Mar-81		57.43
USGS #19				22S	37E	35 2 3 2			25-Apr-91		48.28

* = Data obtained from the New Mexico Office of the State Engineer Website (http://iwaters.ose.state.nm.us:7001/iWATERS/wr_RegisServlet1) and USGS Database.

[A] = in acre feet per annum

[B] = Elevation interpolated from USGS topographical map based on referenced location.

PRO = 72-12-1 Prospecting or development of natural resource

STK = 72-12-1 Livestock watering

quarters are 1=NW, 2=NE, 3=SW, 4=SE; quarters are biggest to smallest

Shaded area indicates wells not shown in Figure 2

TABLE 2

SUMMARY OF GROUNDWATER ELEVATION DATA
SHELL OIL PRODUCTS US
PENROSE "A" LEASE (WINNIE KENNAN RANCH)
LEA COUNTY, NEW MEXICO

Well ID TOC[1] *Elevation*	Date	Casing Diameter (in)	Depth to LNAPL[2] (ft TOC[1])	Depth to Groundwater (ft TOC[1])	Groundwater Elevation[3] (ft)	LNAPL[2] Thickness (ft)	LNAPL[2] Recovery (gallons)	LNAPL[2] Cumulative Recovery (gallons)	Type of Recovery
MW-1	26-Jul-04	2	69.94	72.90	3,226.51	2.96	0.50	0.50	Hand Bail
3,296.75	14-Oct-04		70.10	72.26	3,226.43	2.16	0.00	0.50	Hand Bail
	27-Oct-04		69.99	72.54	3,226.51	2.55	2.00	2.50	Hand Bail
	21-Nov-04		69.98	72.67	3,226.50	2.69	1.50	4.00	Hand Bail
	22-Dec-04		70.01	72.01	3,226.54	2.00	1.50	5.50	Hand Bail
	25-Jan-05		69.89	72.72	3,226.58	2.83	2.00	7.50	Hand Bail
	25-Apr-05		69.91	71.68	3,226.66	1.77	2.00	9.50	Hand Bail
	01-Sep-05		69.91	71.85	3,226.65	1.94	2.00	11.50	System installed
	25-Oct-05		70.08	70.71	3,226.61	0.63	7.00	18.50	Adjusted pump
	28-Feb-06		69.83	72.00	3,226.70	2.17	NR[4]		Skimmer Pump
	30-Jun-06		69.88	71.75	3,226.68	1.87	NR[4]		Skimmer Pump
	03-Oct-06		70.11	71.01	3,226.55	0.90	0.83	19.33	Skimmer Pump
	28-Dec-06		NOT GAUGED				NO[5]		None
MW-2	26-Jul-04	4	---	73.01	3,226.24	0.00	---	---	---
3,299.25	14-Oct-04		---	73.06	3,226.19	0.00	---	---	---
	27-Oct-04		NOT GAUGED						
	21-Nov-04		NOT GAUGED						
	22-Dec-04		NOT GAUGED						
	25-Jan-05		---	73.01	3,226.24	0.00	---	---	---
	25-Apr-05		---	72.92	3,226.33	0.00	---	---	---
	01-Sep-05		---	72.91	3,226.34	0.00	---	---	---
	25-Oct-05		---	72.97	3,226.28	0.00	---	---	---
	28-Feb-06		---	72.95	3,226.30	0.00	---	---	---
	30-Jun-06		---	72.98	3,226.27	0.00	---	---	---
	03-Oct-06		---	73.02	3,226.23	0.00	---	---	---
	28-Dec-06		---	73.08	3,226.17	0.00	---	---	---
MW-3	26-Jul-04	4	---	71.88	3,227.37	0.00	---	---	---
3,299.25	14-Oct-04		---	71.93	3,227.32	0.00	---	---	---
	27-Oct-04		NOT GAUGED						
	21-Nov-04		NOT GAUGED						
	22-Dec-04		NOT GAUGED						
	25-Jan-05		---	71.90	3,227.35	0.00	---	---	---
	25-Apr-05		---	71.80	3,227.45	0.00	---	---	---
	01-Sep-05		---	71.78	3,227.47	0.00	---	---	---
	25-Oct-05		---	71.82	3,227.43	0.00	---	---	---
	28-Feb-06		---	71.80	3,227.45	0.00	---	---	---
	30-Jun-06		---	71.83	3,227.42	0.00	---	---	---
	03-Oct-06		---	71.87	3,227.38	0.00	---	---	---
	28-Dec-06		---	71.99	3,227.26	0.00	---	---	---
MW-4	26-Jul-04	4	---	70.85	3,226.58	0.00	---	---	---
3,297.43	14-Oct-04		---	70.90	3,226.53	0.00	---	---	---
	27-Oct-04		NOT GAUGED						
	21-Nov-04		NOT GAUGED						
	22-Dec-04		NOT GAUGED						
	25-Jan-05		---	70.87	3,226.56	0.00	---	---	---
	25-Apr-05		---	70.80	3,226.63	0.00	---	---	---
	01-Sep-05		---	70.79	3,226.64	0.00	---	---	---

TABLE 2

SUMMARY OF GROUNDWATER ELEVATION DATA
SHELL OIL PRODUCTS US
PENROSE "A" LEASE (WINNIE KENNAN RANCH)
LEA COUNTY, NEW MEXICO

Well ID TOC[1] *Elevation*	Date	Casing Diameter (in)	Depth to LNAPL[2] (ft TOC[1])	Depth to Groundwater (ft TOC[1])	Groundwater Elevation[3] (ft)	LNAPL[2] Thickness (ft)	LNAPL[2] Recovery (gallons)	LNAPL[2] Cumulative Recovery (gallons)	Type of Recovery
MW-4	25-Oct-05		---	70.80	3,226.63	0.00	---	---	---
(cont.)	28-Feb-06		---	70.80	3,226.63	0.00	---	---	---
3,297.43	30-Jun-06		---	70.79	3,226.64	0.00	---	---	---
	03-Oct-06		---	70.86	3,226.57	0.00	---	---	---
	28-Dec-06		---	70.97	3,226.46	0.00	---	---	---
MW-5	26-Jul-04	4	---	72.97	3,226.37	0.00	---	---	---
3,299.34	14-Oct-04		---	73.03	3,226.31	0.00	---	---	---
	27-Oct-04		NOT GAUGED						
	21-Nov-04		NOT GAUGED						
	22-Dec-04		NOT GAUGED						
	25-Jan-05		---	72.95	3,226.39	0.00	---	---	---
	25-Apr-05		---	72.86	3,226.48	0.00	---	---	---
	01-Sep-05		---	72.85	3,226.49	0.00	---	---	---
	25-Oct-05		---	72.91	3,226.43	0.00	---	---	---
	28-Feb-06		---	72.90	3,226.44	0.00	---	---	---
	30-Jun-06		---	72.94	3,226.40	0.00	---	---	---
	03-Oct-06		---	72.98	3,226.36	0.00	---	---	---
	28-Dec-06		---	73.07	3,226.27	0.00	---	---	---

Total Recovered LNAPL is 19.33 gallons

Notes:

1. TOC-Top of Casing.
2. LNAPL - Light non-aqueous phase liquid.
3. Corrected groundwater elevations were calculated using an LNAPL specific gravity of 0.90 per previously reported data.
4. NR - Not Recorded
5. NO - Not Operating

TABLE 3

SUMMARY OF ANALYTICAL RESULTS-BTEX
SHELL OIL PRODUCTS US
PENROSE "A" LEASE
LEA COUNTY, NEW MEXICO

Sample ID	Date	Benzene	Toluene	Ethylbenzene	Total Xylenes	Total BTEX
		NMWQCC Standard 3102.A,B.				
		10.0[1] (µg/L)	750[1] (µg/L)	750[1] (µg/L)	620[1] (µg/L)	--- (µg/L)
MW-1	26-Jul-04	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL
	14-Oct-04	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL
	25-Jan-05	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL
	25-Apr-05	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL
	01-Sep-05	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL
	25-Oct-05	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL
	28-Feb-06	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL
	30-Jun-06	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL
	03-Oct-06	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL
	28-Dec-06	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL
MW-2	26-Jul-04	<1.0	<1.0	<1.0	<1.0	<1.0
	14-Oct-04	<5.0	<5.0	<5.0	<5.0	<5.0
	25-Jan-05	<1.0	<1.0	<1.0	<1.0	<1.0
	25-Apr-05	<1.0	<1.0	<1.0	<1.0	<1.0
	01-Sep-05	<1.0	<1.0	<1.0	<1.0	<1.0
	25-Oct-05	<1.0	<1.0	<1.0	<1.0	<1.0
	28-Feb-06	<0.440	<0.540	<0.410	<1.23	<2.62
	30-Jun-06	0.510	0.730	2.32	4.63	8.19
	03-Oct-06	NOT ANALYZED				
	28-Dec-06	11	<2.0	<2.0	<3.0	<18
MW-3	26-Jul-04	<1.0	<1.0	<1.0	<1.0	<1.0
	14-Oct-04	<5.0	<5.0	<5.0	<5.0	<5.0
	25-Jan-05	<1.0	<1.0	<1.0	<1.0	<1.0
	25-Apr-05	<1.0	<1.0	<1.0	<1.0	<1.0
	01-Sep-05	<1.0	<1.0	<1.0	<1.0	<1.0
	25-Oct-05	<1.0	<1.0	<1.0	<1.0	<1.0
	28-Feb-06	<0.440	<0.540	<0.410	<1.23	<2.62
	30-Jun-06	0.320	<0.280	<0.340	<0.820	<1.76
	03-Oct-06	NOT ANALYZED				
	28-Dec-06	4.8	<2.0	<2.0	<3.0	<11.8
MW-4	26-Jul-04	<1.0	<1.0	<1.0	<1.0	<1.0
	14-Oct-04	<5.0	<5.0	<5.0	<5.0	<5.0
	25-Jan-05	<1.0	<1.0	<1.0	<1.0	<1.0
	25-Apr-05	<1.0	<1.0	<1.0	<1.0	<1.0
	01-Sep-05	<1.0	<1.0	<1.0	<1.0	<1.0

TABLE 3

SUMMARY OF ANALYTICAL RESULTS-BTEX
SHELL OIL PRODUCTS US
PENROSE "A" LEASE
LEA COUNTY, NEW MEXICO

Sample ID	Date	Benzene	Toluene	Ethylbenzene	Total Xylenes	Total BTEX
		NMWQCC Standard 3102.A,B.				
		10.0[1] (µg/L)	750[1] (µg/L)	750[1] (µg/L)	620[1] (µg/L)	--- (µg/L)
MW-4 (cont.)	25-Oct-05	<1.0	<1.0	<1.0	<1.0	<1.0
	28-Feb-06	<0.440	0.710	<0.410	<1.23	<2.79
	30-Jun-06	<0.290	<0.280	<0.340	<0.820	<1.73
	03-Oct-06	NOT ANALYZED				
	28-Dec-06	<1.0	<2.0	<2.0	<3.0	<8.0
MW-5	26-Jul-04	<1.0	<1.0	<1.0	<1.0	<1.0
	14-Oct-04	<5.0	<5.0	<5.0	<5.0	<5.0
	25-Jan-05	<1.0	<1.0	<1.0	<1.0	<1.0
	25-Apr-05	<1.0	<1.0	<1.0	<1.0	<1.0
	01-Sep-05	<1.0	<1.0	<1.0	<1.0	<1.0
	25-Oct-05	<1.0	<1.0	<1.0	<1.0	<1.0
	28-Feb-06	<0.440	<0.540	<0.410	<1.23	<2.62
	30-Jun-06	<0.290	0.710	<0.340	4.59	<5.93
	03-Oct-06	NOT ANALYZED				
	28-Dec-06	4.0	<2.0	<2.0	<3.0	<11

Notes:

1. New Mexico Water Quality Control Commission Standard 3103.A,B.
2. Results shown in mg/L
3. BTEX analysis by EPA Method 8021B.
4. LNAPL - Light non-aqeous phase liquids.
5. Data prior to Jan 06 collected by Enercon Services.

TABLE 4

SUMMARY OF ANALYTICAL RESULTS-PAH
SHELL OIL PRODUCTS US
PENROSE "A" LEASE (WINNIE KENNAN RANCH)
LEA COUNTY, NEW MEXICO

Sample ID	Sample Date	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a) anthracene	Benzo(a) pyrene	Benzo(b) fluoranthene	Benzo (g,h,i) perylene	Benzo(k) fluoranthene	Chrysene	Dibenzo (a,h) anthracene	Fluoranthene	Fluorene	Indeno (1,2,3-cd) pyrene	Total[1] Naphthalene	Phenanthrene	Pyrene
NMWQCC Standard 3103 A.B.		- - - (µg/L)	- - - (µg/L)	- - - (µg/L)	- - - (µg/L)	0.7[2] (µg/L)	- - - (µg/L)	- - - (µg/L)	- - - (µg/L)	- - - (µg/L)	- - - (µg/L)	- - - (µg/L)	- - - (µg/L)	- - - (µg/L)	30.0[2] (µg/L)	- - - (µg/L)	- - - (µg/L)
MW-1	26-Jul-04	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL
	14-Oct-04	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL
	25-Jan-05	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL
	25-Apr-05	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL
	01-Sep-05	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL
	25-Oct-05	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL
	28-Feb-06	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL
	30-Jun-06	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL
	03-Oct-06	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL
MW-2	26-Jul-04	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
	14-Oct-04	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
	25-Jan-05	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
	25-Apr-05	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
	01-Sep-05	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
	25-Oct-05	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
	28-Feb-06	<1.60	<1.50	<0.900	<1.10	<0.900	<1.70	<0.800	<1.50	<1.00	<1.00	<1.20	<1.20	<1.00	<1.50	<1.20	<1.10
	30-Jun-06	<1.54	<1.44	<0.865	<1.06	<0.865	<1.63	<0.769	<1.44	<0.962	<0.962	<1.15	<1.15	<0.962	<1.44	<1.15	<1.06
	03-Oct-06	<1.58	<1.49	<0.891	<1.09	<0.891	<1.68	<0.792	<1.49	<0.990	<0.990	<1.19	<1.19	<0.990	<1.49	<1.19	<1.09
MW-3	26-Jul-04	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
	14-Oct-04	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
	25-Jan-05	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
	25-Apr-05	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
	01-Sep-05	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
	25-Oct-05	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
	28-Feb-06	<1.60	<1.50	<0.900	<1.10	<0.900	<1.70	<0.800	<1.50	<1.00	<1.00	<1.20	<1.20	<1.00	<1.50	<1.20	<1.10
	30-Jun-06	<1.54	<1.44	<0.865	<1.06	<0.865	<1.63	<0.769	<1.44	<0.962	<0.962	<1.15	<1.15	<0.962	<1.44	<1.15	<1.06
	03-Oct-06	<1.58	<1.49	<0.891	<1.09	<0.891	<1.68	<0.792	<1.49	<0.990	<0.990	<1.19	<1.19	<0.990	<1.49	<1.19	<1.09
MW-4	26-Jul-04	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
	14-Oct-04	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
	25-Jan-05	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
	25-Apr-05	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
	01-Sep-05	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
	25-Oct-05	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
	28-Feb-06	<1.60	<1.50	<0.900	<1.10	<0.900	<1.70	<0.800	<1.50	<1.00	<1.00	<1.20	<1.20	<1.00	<1.50	<1.20	<1.10
	30-Jun-06	<1.54	<1.44	<0.865	<1.06	<0.865	<1.63	<0.769	<1.44	<0.962	<0.962	<1.15	<1.15	<0.962	<1.44	<1.15	<1.06
	03-Oct-06	<1.58	<1.49	<0.891	<1.09	<0.891	<1.68	<0.792	<1.49	<0.990	<0.990	<1.19	<1.19	<0.990	<1.49	<1.19	<1.09
MW-5	26-Jul-05	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
	14-Oct-04	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
	25-Jan-05	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
	25-Apr-05	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
	01-Sep-05	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
	25-Oct-05	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
	28-Feb-06	<1.60	<1.50	<0.900	<1.10	<0.900	<1.70	<0.800	<1.50	<1.00	<1.00	<1.20	<1.20	<1.00	<1.50	<1.20	<1.10
	30-Jun-06	<1.54	<1.44	<0.865	<1.06	<0.865	<1.63	<0.769	<1.44	<0.962	<0.962	<1.15	<1.15	<0.962	<1.44	<1.15	<1.06
	03-Oct-06	<1.60	<1.50	<0.900	<1.10	<0.900	<1.70	<0.800	<1.50	<1.00	<1.00	<1.20	<1.20	<1.00	<1.50	<1.20	<1.10

Notes:

1. Includes total Napthalene plus monomethyl naphthalenes.
2. New Mexico Water Quality Control Commission Standard 3103 A.B.
3. Results in milligrams per liter (mg/L).
4. PAH analysis by EPAH Method 8270C.
5. **BOLD Value:** Indicates detection.
6. Data prior to Jan 06 collected by Enercon.

APPENDIX A

CERTIFIED LABORATORY REPORTS

&

CHAIN-OF-CUSTODY DOCUMENTATION

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

March 09, 2006

Client: Conestoga-Rovers & Asso. (Midland) / SHELL (13725)
2135 S. Loop 250 West
Midland, TX 79703
Attn: Jeff Kindley

Work Order: NPC0100
Project Name: Penrose A Kennan
Project Nbr: SAP
P/O Nbr: 300108
Date Received: 03/01/06

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
MW-2	NPC0100-01	02/28/06 10:40
MW-3	NPC0100-02	02/28/06 11:00
MW-4	NPC0100-03	02/28/06 11:20
MW-5	NPC0100-04	02/28/06 11:45
DUP	NPC0100-05	02/28/06 00:01
Trip	NPC0100-06	02/28/06 00:01

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. Any opinions, if expressed, are outside the scope of the Laboratory's accredidation.

The Chain(s) of Custody, 2 pages, are included and are an integral part of this report.

These results relate only to the items tested. This report shall not be reproduced except in full and with permission of the laboratory.

Report Approved By:

Dorothy Roberts
Project Management

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Conestoga-Rovers & Asso. (Midland) / SHELL (13725)	Work Order:	NPC0100
	2135 S. Loop 250 West	Project Name:	Penrose A Kennan
	Midland, TX 79703	Project Number:	SAP
Attn	Jeff Kindley	Received:	03/01/06 08:00

ANALYTICAL REPORT

Parameter	Result	Flag	Units	ADJ MQL	SQL	Dil Factor	Analysis Date/Time	Method	Analys	Batch	UNADJ MQL
Sample ID: NPC0100-01 (MW-2 - Water) Sampled: 02/28/06 10:40											
Volatile Organic Compounds by EPA Method 8021B											
Benzene	<0.440		ug/L	1.00	0.440	1	03/05/06 02:29	SW846 8021B	mg	6030925	1.000
Ethylbenzene	<0.410		ug/L	1.00	0.410	1	03/05/06 02:29	SW846 8021B	mg	6030925	1.000
Toluene	<0.540		ug/L	1.00	0.540	1	03/05/06 02:29	SW846 8021B	mg	6030925	1.000
Xylenes, total	<1.23		ug/L	3.00	1.23	1	03/05/06 02:29	SW846 8021B	mg	6030925	3.000
Surr: a,a,a-Trifluorotoluene (63-134%)	*90 %*										
Polyaromatic Hydrocarbons by EPA 8270C											
Acenaphthene	<1.60		ug/L	2.00	1.60	1	03/03/06 12:31	SW846 8270C	DAH	6030298	2.000
Acenaphthylene	<1.50		ug/L	2.00	1.50	1	03/03/06 12:31	SW846 8270C	DAH	6030298	2.000
Anthracene	<0.900		ug/L	2.00	0.900	1	03/03/06 12:31	SW846 8270C	DAH	6030298	2.000
Benzo (a) anthracene	<1.10		ug/L	2.00	1.10	1	03/03/06 12:31	SW846 8270C	DAH	6030298	2.000
Benzo (a) pyrene	<0.900		ug/L	2.00	0.900	1	03/03/06 12:31	SW846 8270C	DAH	6030298	2.000
Benzo (b) fluoranthene	<1.70		ug/L	2.00	1.70	1	03/03/06 12:31	SW846 8270C	DAH	6030298	2.000
Benzo (g,h,i) perylene	<0.800		ug/L	2.00	0.800	1	03/03/06 12:31	SW846 8270C	DAH	6030298	2.000
Benzo (k) fluoranthene	<1.50		ug/L	2.00	1.50	1	03/03/06 12:31	SW846 8270C	DAH	6030298	2.000
Chrysene	<1.00		ug/L	2.00	1.00	1	03/03/06 12:31	SW846 8270C	DAH	6030298	2.000
Dibenz (a,h) anthracene	<1.00		ug/L	2.00	1.00	1	03/03/06 12:31	SW846 8270C	DAH	6030298	2.000
Fluoranthene	<1.20		ug/L	2.00	1.20	1	03/03/06 12:31	SW846 8270C	DAH	6030298	2.000
Fluorene	<1.20		ug/L	2.00	1.20	1	03/03/06 12:31	SW846 8270C	DAH	6030298	2.000
Indeno (1,2,3-cd) pyrene	<1.00		ug/L	2.00	1.00	1	03/03/06 12:31	SW846 8270C	DAH	6030298	2.000
Naphthalene	<1.50		ug/L	2.00	1.50	1	03/03/06 12:31	SW846 8270C	DAH	6030298	2.000
Phenanthrene	<1.20		ug/L	2.00	1.20	1	03/03/06 12:31	SW846 8270C	DAH	6030298	2.000
Pyrene	<1.10		ug/L	2.00	1.10	1	03/03/06 12:31	SW846 8270C	DAH	6030298	2.000
Surr: Terphenyl-d14 (31-111%)	*31 %*										
Surr: 2-Fluorobiphenyl (33-101%)	*76 %*										
Surr: Nitrobenzene-d5 (31-112%)	*71 %*										
Sample ID: NPC0100-02 (MW-3 - Water) Sampled: 02/28/06 11:00											
Volatile Organic Compounds by EPA Method 8021B											
Benzene	<0.440		ug/L	1.00	0.440	1	03/05/06 03:00	SW846 8021B	mg	6030925	1.000
Ethylbenzene	<0.410		ug/L	1.00	0.410	1	03/05/06 03:00	SW846 8021B	mg	6030925	1.000
Toluene	<0.540		ug/L	1.00	0.540	1	03/05/06 03:00	SW846 8021B	mg	6030925	1.000
Xylenes, total	<1.23		ug/L	3.00	1.23	1	03/05/06 03:00	SW846 8021B	mg	6030925	3.000
Surr: a,a,a-Trifluorotoluene (63-134%)	*91 %*										
Polyaromatic Hydrocarbons by EPA 8270C											
Acenaphthene	<1.60		ug/L	2.00	1.60	1	03/03/06 13:01	SW846 8270C	DAH	6030298	2.000
Acenaphthylene	<1.50		ug/L	2.00	1.50	1	03/03/06 13:01	SW846 8270C	DAH	6030298	2.000
Anthracene	<0.900		ug/L	2.00	0.900	1	03/03/06 13:01	SW846 8270C	DAH	6030298	2.000
Benzo (a) anthracene	<1.10		ug/L	2.00	1.10	1	03/03/06 13:01	SW846 8270C	DAH	6030298	2.000
Benzo (a) pyrene	<0.900		ug/L	2.00	0.900	1	03/03/06 13:01	SW846 8270C	DAH	6030298	2.000
Benzo (b) fluoranthene	<1.70		ug/L	2.00	1.70	1	03/03/06 13:01	SW846 8270C	DAH	6030298	2.000
Benzo (g,h,i) perylene	<0.800		ug/L	2.00	0.800	1	03/03/06 13:01	SW846 8270C	DAH	6030298	2.000
Benzo (k) fluoranthene	<1.50		ug/L	2.00	1.50	1	03/03/06 13:01	SW846 8270C	DAH	6030298	2.000
Chrysene	<1.00		ug/L	2.00	1.00	1	03/03/06 13:01	SW846 8270C	DAH	6030298	2.000

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Conestoga-Rovers & Asso. (Midland) / SHELL (13725)	Work Order:	NPC0100
	2135 S. Loop 250 West	Project Name:	Penrose A Kennan
	Midland, TX 79703	Project Number:	SAP
Attn	Jeff Kindley	Received:	03/01/06 08:00

ANALYTICAL REPORT

Parameter	Result	Flag	Units	ADJ MQL	SQL	Dil Factor	Analysis Date/Time	Method	Analys	Batch	UNADJ MQL
Sample ID: NPC0100-02 (MW-3 - Water) - cont. Sampled: 02/28/06 11:00											
Polyaromatic Hydrocarbons by EPA 8270C - cont.											
Dibenz (a,h) anthracene	<1.00		ug/L	2.00	1.00	1	03/03/06 13:01	SW846 8270C	DAH	6030298	2.000
Fluoranthene	<1.20		ug/L	2.00	1.20	1	03/03/06 13:01	SW846 8270C	DAH	6030298	2.000
Fluorene	<1.20		ug/L	2.00	1.20	1	03/03/06 13:01	SW846 8270C	DAH	6030298	2.000
Indeno (1,2,3-cd) pyrene	<1.00		ug/L	2.00	1.00	1	03/03/06 13:01	SW846 8270C	DAH	6030298	2.000
Naphthalene	<1.50		ug/L	2.00	1.50	1	03/03/06 13:01	SW846 8270C	DAH	6030298	2.000
Phenanthrene	<1.20		ug/L	2.00	1.20	1	03/03/06 13:01	SW846 8270C	DAH	6030298	2.000
Pyrene	<1.10		ug/L	2.00	1.10	1	03/03/06 13:01	SW846 8270C	DAH	6030298	2.000
Surr: Terphenyl-d14 (31-111%)	*35 %*										
Surr: 2-Fluorobiphenyl (33-101%)	*76 %*										
Surr: Nitrobenzene-d5 (31-112%)	*77 %*										
Sample ID: NPC0100-03 (MW-4 - Water) Sampled: 02/28/06 11:20											
Volatile Organic Compounds by EPA Method 8021B											
Benzene	<0.440		ug/L	1.00	0.440	1	03/05/06 03:32	SW846 8021B	mg	6030925	1.000
Ethylbenzene	<0.410		ug/L	1.00	0.410	1	03/05/06 03:32	SW846 8021B	mg	6030925	1.000
Toluene	**0.710**	J	ug/L	1.00	0.540	1	03/05/06 03:32	SW846 8021B	mg	6030925	1.000
Xylenes, total	<1.23		ug/L	3.00	1.23	1	03/05/06 03:32	SW846 8021B	mg	6030925	3.000
Surr: a,a,a-Trifluorotoluene (63-134%)	*102 %*										
Polyaromatic Hydrocarbons by EPA 8270C											
Acenaphthene	<1.60		ug/L	2.00	1.60	1	03/03/06 13:32	SW846 8270C	DAH	6030298	2.000
Acenaphthylene	<1.50		ug/L	2.00	1.50	1	03/03/06 13:32	SW846 8270C	DAH	6030298	2.000
Anthracene	<0.900		ug/L	2.00	0.900	1	03/03/06 13:32	SW846 8270C	DAH	6030298	2.000
Benzo (a) anthracene	<1.10		ug/L	2.00	1.10	1	03/03/06 13:32	SW846 8270C	DAH	6030298	2.000
Benzo (a) pyrene	<0.900		ug/L	2.00	0.900	1	03/03/06 13:32	SW846 8270C	DAH	6030298	2.000
Benzo (b) fluoranthene	<1.70		ug/L	2.00	1.70	1	03/03/06 13:32	SW846 8270C	DAH	6030298	2.000
Benzo (g,h,i) perylene	<0.800		ug/L	2.00	0.800	1	03/03/06 13:32	SW846 8270C	DAH	6030298	2.000
Benzo (k) fluoranthene	<1.50		ug/L	2.00	1.50	1	03/03/06 13:32	SW846 8270C	DAH	6030298	2.000
Chrysene	<1.00		ug/L	2.00	1.00	1	03/03/06 13:32	SW846 8270C	DAH	6030298	2.000
Dibenz (a,h) anthracene	<1.00		ug/L	2.00	1.00	1	03/03/06 13:32	SW846 8270C	DAH	6030298	2.000
Fluoranthene	<1.20		ug/L	2.00	1.20	1	03/03/06 13:32	SW846 8270C	DAH	6030298	2.000
Fluorene	<1.20		ug/L	2.00	1.20	1	03/03/06 13:32	SW846 8270C	DAH	6030298	2.000
Indeno (1,2,3-cd) pyrene	<1.00		ug/L	2.00	1.00	1	03/03/06 13:32	SW846 8270C	DAH	6030298	2.000
Naphthalene	<1.50		ug/L	2.00	1.50	1	03/03/06 13:32	SW846 8270C	DAH	6030298	2.000
Phenanthrene	<1.20		ug/L	2.00	1.20	1	03/03/06 13:32	SW846 8270C	DAH	6030298	2.000
Pyrene	<1.10		ug/L	2.00	1.10	1	03/03/06 13:32	SW846 8270C	DAH	6030298	2.000
Surr: Terphenyl-d14 (31-111%)	*33 %*										
Surr: 2-Fluorobiphenyl (33-101%)	*76 %*										
Surr: Nitrobenzene-d5 (31-112%)	*72 %*										

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Client	Conestoga-Rovers & Asso. (Midland) / SHELL (13725)	Work Order:	NPC0100
	2135 S. Loop 250 West	Project Name:	Penrose A Kennan
	Midland, TX 79703	Project Number:	SAP
Attn	Jeff Kindley	Received:	03/01/06 08:00

ANALYTICAL REPORT

Parameter	Result	Flag	Units	ADJ MQL	SQL	Dil Factor	Analysis Date/Time	Method	Analys	Batch	UNADJ MQL
Sample ID: NPC0100-04 (MW-5 - Water) Sampled: 02/28/06 11:45											
Volatile Organic Compounds by EPA Method 8021B											
Benzene	<0.440		ug/L	1.00	0.440	1	03/05/06 04:03	SW846 8021B	mg	6030925	1.000
Ethylbenzene	<0.410		ug/L	1.00	0.410	1	03/05/06 04:03	SW846 8021B	mg	6030925	1.000
Toluene	<0.540		ug/L	1.00	0.540	1	03/05/06 04:03	SW846 8021B	mg	6030925	1.000
Xylenes, total	<1.23		ug/L	3.00	1.23	1	03/05/06 04:03	SW846 8021B	mg	6030925	3.000
Surr: a,a,a-Trifluorotoluene (63-134%)	*98 %*										
Polyaromatic Hydrocarbons by EPA 8270C											
Acenaphthene	<1.60		ug/L	2.00	1.60	1	03/03/06 14:02	SW846 8270C	DAH	6030298	2.000
Acenaphthylene	<1.50		ug/L	2.00	1.50	1	03/03/06 14:02	SW846 8270C	DAH	6030298	2.000
Anthracene	<0.900		ug/L	2.00	0.900	1	03/03/06 14:02	SW846 8270C	DAH	6030298	2.000
Benzo (a) anthracene	<1.10		ug/L	2.00	1.10	1	03/03/06 14:02	SW846 8270C	DAH	6030298	2.000
Benzo (a) pyrene	<0.900		ug/L	2.00	0.900	1	03/03/06 14:02	SW846 8270C	DAH	6030298	2.000
Benzo (b) fluoranthene	<1.70		ug/L	2.00	1.70	1	03/03/06 14:02	SW846 8270C	DAH	6030298	2.000
Benzo (g,h,i) perylene	<0.800		ug/L	2.00	0.800	1	03/03/06 14:02	SW846 8270C	DAH	6030298	2.000
Benzo (k) fluoranthene	<1.50		ug/L	2.00	1.50	1	03/03/06 14:02	SW846 8270C	DAH	6030298	2.000
Chrysene	<1.00		ug/L	2.00	1.00	1	03/03/06 14:02	SW846 8270C	DAH	6030298	2.000
Dibenz (a,h) anthracene	<1.00		ug/L	2.00	1.00	1	03/03/06 14:02	SW846 8270C	DAH	6030298	2.000
Fluoranthene	<1.20		ug/L	2.00	1.20	1	03/03/06 14:02	SW846 8270C	DAH	6030298	2.000
Fluorene	<1.20		ug/L	2.00	1.20	1	03/03/06 14:02	SW846 8270C	DAH	6030298	2.000
Indeno (1,2,3-cd) pyrene	<1.00		ug/L	2.00	1.00	1	03/03/06 14:02	SW846 8270C	DAH	6030298	2.000
Naphthalene	<1.50		ug/L	2.00	1.50	1	03/03/06 14:02	SW846 8270C	DAH	6030298	2.000
Phenanthrene	<1.20		ug/L	2.00	1.20	1	03/03/06 14:02	SW846 8270C	DAH	6030298	2.000
Pyrene	<1.10		ug/L	2.00	1.10	1	03/03/06 14:02	SW846 8270C	DAH	6030298	2.000
Surr: Terphenyl-d14 (31-111%)	*35 %*										
Surr: 2-Fluorobiphenyl (33-101%)	*79 %*										
Surr: Nitrobenzene-d5 (31-112%)	*78 %*										
Sample ID: NPC0100-05 (DUP - Water) Sampled: 02/28/06 00:01											
Volatile Organic Compounds by EPA Method 8021B											
Benzene	<0.440		ug/L	1.00	0.440	1	03/05/06 04:35	SW846 8021B	mg	6030925	1.000
Ethylbenzene	<0.410		ug/L	1.00	0.410	1	03/05/06 04:35	SW846 8021B	mg	6030925	1.000
Toluene	**0.903**	J	ug/L	1.00	0.540	1	03/05/06 04:35	SW846 8021B	mg	6030925	1.000
Xylenes, total	<1.23		ug/L	3.00	1.23	1	03/05/06 04:35	SW846 8021B	mg	6030925	3.000
Surr: a,a,a-Trifluorotoluene (63-134%)	*101 %*										
Polyaromatic Hydrocarbons by EPA 8270C											
Acenaphthene	<1.60		ug/L	2.00	1.60	1	03/03/06 14:33	SW846 8270C	DAH	6030298	2.000
Acenaphthylene	<1.50		ug/L	2.00	1.50	1	03/03/06 14:33	SW846 8270C	DAH	6030298	2.000
Anthracene	<0.900		ug/L	2.00	0.900	1	03/03/06 14:33	SW846 8270C	DAH	6030298	2.000
Benzo (a) anthracene	<1.10		ug/L	2.00	1.10	1	03/03/06 14:33	SW846 8270C	DAH	6030298	2.000
Benzo (a) pyrene	<0.900		ug/L	2.00	0.900	1	03/03/06 14:33	SW846 8270C	DAH	6030298	2.000
Benzo (b) fluoranthene	<1.70		ug/L	2.00	1.70	1	03/03/06 14:33	SW846 8270C	DAH	6030298	2.000
Benzo (g,h,i) perylene	<0.800		ug/L	2.00	0.800	1	03/03/06 14:33	SW846 8270C	DAH	6030298	2.000
Benzo (k) fluoranthene	<1.50		ug/L	2.00	1.50	1	03/03/06 14:33	SW846 8270C	DAH	6030298	2.000
Chrysene	<1.00		ug/L	2.00	1.00	1	03/03/06 14:33	SW846 8270C	DAH	6030298	2.000

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Client	Conestoga-Rovers & Asso. (Midland) / SHELL (13725)	Work Order:	NPC0100
	2135 S. Loop 250 West	Project Name:	Penrose A Kennan
	Midland, TX 79703	Project Number:	SAP
Attn	Jeff Kindley	Received:	03/01/06 08:00

ANALYTICAL REPORT

Parameter	Result	Flag	Units	ADJ MQL	SQL	Dil Factor	Analysis Date/Time	Method	Analys	Batch	UNADJ MQL
Sample ID: NPC0100-05 (DUP - Water) - cont. Sampled: 02/28/06 00:01											
Polyaromatic Hydrocarbons by EPA 8270C - cont.											
Dibenz (a,h) anthracene	<1.00		ug/L	2.00	1.00	1	03/03/06 14:33	SW846 8270C	DAH	6030298	2.000
Fluoranthene	<1.20		ug/L	2.00	1.20	1	03/03/06 14:33	SW846 8270C	DAH	6030298	2.000
Fluorene	<1.20		ug/L	2.00	1.20	1	03/03/06 14:33	SW846 8270C	DAH	6030298	2.000
Indeno (1,2,3-cd) pyrene	<1.00		ug/L	2.00	1.00	1	03/03/06 14:33	SW846 8270C	DAH	6030298	2.000
Naphthalene	<1.50		ug/L	2.00	1.50	1	03/03/06 14:33	SW846 8270C	DAH	6030298	2.000
Phenanthrene	<1.20		ug/L	2.00	1.20	1	03/03/06 14:33	SW846 8270C	DAH	6030298	2.000
Pyrene	<1.10		ug/L	2.00	1.10	1	03/03/06 14:33	SW846 8270C	DAH	6030298	2.000
Surr: Terphenyl-d14 (31-111%)	*30 %*	*S10, Z6*									
Surr: 2-Fluorobiphenyl (33-101%)	*72 %*										
Surr: Nitrobenzene-d5 (31-112%)	*71 %*										
Sample ID: NPC0100-06 (Trip - Water) Sampled: 02/28/06 00:01											
Volatile Organic Compounds by EPA Method 8021B											
Benzene	<0.440		ug/L	1.00	0.440	1	03/05/06 00:23	SW846 8021B	mg	6030925	1.000
Ethylbenzene	<0.410		ug/L	1.00	0.410	1	03/05/06 00:23	SW846 8021B	mg	6030925	1.000
Toluene	<0.540		ug/L	1.00	0.540	1	03/05/06 00:23	SW846 8021B	mg	6030925	1.000
Xylenes, total	<1.23		ug/L	3.00	1.23	1	03/05/06 00:23	SW846 8021B	mg	6030925	3.000
Surr: a,a,a-Trifluorotoluene (63-134%)	*93 %*										

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Client	Conestoga-Rovers & Asso. (Midland) / SHELL (13725)	Work Order:	NPC0100
	2135 S. Loop 250 West	Project Name:	Penrose A Kennan
	Midland, TX 79703	Project Number:	SAP
Attn	Jeff Kindley	Received:	03/01/06 08:00

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Extracted Vol	Date	Analyst	Extraction Method
Polyaromatic Hydrocarbons by EPA 8270C							
SW846 8270C	6030298	NPC0100-01	1000.00	1.00	03/02/06 12:15	PJB	EPA 3510C
SW846 8270C	6030298	NPC0100-02	1000.00	1.00	03/02/06 12:15	PJB	EPA 3510C
SW846 8270C	6030298	NPC0100-03	1000.00	1.00	03/02/06 12:15	PJB	EPA 3510C
SW846 8270C	6030298	NPC0100-04	1000.00	1.00	03/02/06 12:15	PJB	EPA 3510C
SW846 8270C	6030298	NPC0100-05	1000.00	1.00	03/02/06 12:15	PJB	EPA 3510C

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Client	Conestoga-Rovers & Asso. (Midland) / SHELL (13725)	Work Order:	NPC0100
	2135 S. Loop 250 West	Project Name:	Penrose A Kennan
	Midland, TX 79703	Project Number:	SAP
Attn	Jeff Kindley	Received:	03/01/06 08:00

PROJECT QUALITY CONTROL DATA
Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8021B						
6030925-BLK1						
Benzene	<0.440		ug/L	6030925	6030925-BLK1	03/04/06 23:52
Ethylbenzene	<0.410		ug/L	6030925	6030925-BLK1	03/04/06 23:52
Toluene	0.697	J	ug/L	6030925	6030925-BLK1	03/04/06 23:52
m,p-Xylene	<0.720		ug/L	6030925	6030925-BLK1	03/04/06 23:52
o-Xylene	<0.510		ug/L	6030925	6030925-BLK1	03/04/06 23:52
Surrogate: a,a,a-Trifluorotoluene	101%			6030925	6030925-BLK1	03/04/06 23:52
Polyaromatic Hydrocarbons by EPA 8270C						
6030298-BLK1						
Acenaphthene	<1.60		ug/L	6030298	6030298-BLK1	03/03/06 11:29
Acenaphthylene	<1.50		ug/L	6030298	6030298-BLK1	03/03/06 11:29
Anthracene	<0.900		ug/L	6030298	6030298-BLK1	03/03/06 11:29
Benzo (a) anthracene	<1.10		ug/L	6030298	6030298-BLK1	03/03/06 11:29
Benzo (a) pyrene	<0.900		ug/L	6030298	6030298-BLK1	03/03/06 11:29
Benzo (b) fluoranthene	<1.70		ug/L	6030298	6030298-BLK1	03/03/06 11:29
Benzo (g,h,i) perylene	<0.800		ug/L	6030298	6030298-BLK1	03/03/06 11:29
Benzo (k) fluoranthene	<1.50		ug/L	6030298	6030298-BLK1	03/03/06 11:29
Chrysene	<1.00		ug/L	6030298	6030298-BLK1	03/03/06 11:29
Dibenz (a,h) anthracene	<1.00		ug/L	6030298	6030298-BLK1	03/03/06 11:29
Fluoranthene	<1.20		ug/L	6030298	6030298-BLK1	03/03/06 11:29
Fluorene	<1.20		ug/L	6030298	6030298-BLK1	03/03/06 11:29
Indeno (1,2,3-cd) pyrene	<1.00		ug/L	6030298	6030298-BLK1	03/03/06 11:29
Naphthalene	<1.50		ug/L	6030298	6030298-BLK1	03/03/06 11:29
Phenanthrene	<1.20		ug/L	6030298	6030298-BLK1	03/03/06 11:29
Pyrene	<1.10		ug/L	6030298	6030298-BLK1	03/03/06 11:29
1-Methylnaphthalene	<1.40		ug/L	6030298	6030298-BLK1	03/03/06 11:29
2-Methylnaphthalene	<1.50		ug/L	6030298	6030298-BLK1	03/03/06 11:29
Surrogate: Terphenyl-d14	54%			6030298	6030298-BLK1	03/03/06 11:29
Surrogate: 2-Fluorobiphenyl	68%			6030298	6030298-BLK1	03/03/06 11:29
Surrogate: Nitrobenzene-d5	70%			6030298	6030298-BLK1	03/03/06 11:29

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Conestoga-Rovers & Asso. (Midland) / SHELL (13725)	Work Order:	NPC0100
	2135 S. Loop 250 West	Project Name:	Penrose A Kennan
	Midland, TX 79703	Project Number:	SAP
Attn	Jeff Kindley	Received:	03/01/06 08:00

PROJECT QUALITY CONTROL DATA
LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/ Time
Volatile Organic Compounds by EPA Method 8021B								
6030925-BS1								
Benzene	100	97.1		ug/L	97%	77 - 122	6030925	03/05/06 11:54
Ethylbenzene	100	90.1		ug/L	90%	77 - 121	6030925	03/05/06 11:54
Toluene	100	96.9		ug/L	97%	74 - 121	6030925	03/05/06 11:54
Xylenes, total	200	191		ug/L	96%	72 - 121	6030925	03/05/06 11:54
Surrogate: a,a,a-Trifluorotoluene	30.0	29.6			99%	63 - 134	6030925	03/05/06 11:54
Polyaromatic Hydrocarbons by EPA 8270C								
6030298-BS1								
Acenaphthene	50.0	42.5	MNR1	ug/L	85%	46 - 108	6030298	03/03/06 12:00
Acenaphthylene	50.0	47.9	MNR1	ug/L	96%	47 - 110	6030298	03/03/06 12:00
Anthracene	50.0	46.9	MNR1	ug/L	94%	54 - 123	6030298	03/03/06 12:00
Benzo (a) anthracene	50.0	45.1	MNR1	ug/L	90%	55 - 117	6030298	03/03/06 12:00
Benzo (a) pyrene	50.0	44.6	MNR1	ug/L	89%	54 - 124	6030298	03/03/06 12:00
Benzo (b) fluoranthene	50.0	42.7	MNR1	ug/L	85%	49 - 126	6030298	03/03/06 12:00
Benzo (g,h,i) perylene	50.0	43.8	MNR1	ug/L	88%	42 - 131	6030298	03/03/06 12:00
Benzo (k) fluoranthene	50.0	40.4	MNR1	ug/L	81%	51 - 128	6030298	03/03/06 12:00
Chrysene	50.0	43.3	MNR1	ug/L	87%	54 - 118	6030298	03/03/06 12:00
Dibenz (a,h) anthracene	50.0	42.4	MNR1	ug/L	85%	44 - 131	6030298	03/03/06 12:00
Fluoranthene	50.0	45.1	MNR1	ug/L	90%	57 - 117	6030298	03/03/06 12:00
Fluorene	50.0	44.0	MNR1	ug/L	88%	51 - 111	6030298	03/03/06 12:00
Indeno (1,2,3-cd) pyrene	50.0	42.4	MNR1	ug/L	85%	44 - 132	6030298	03/03/06 12:00
Naphthalene	50.0	38.4	MNR1	ug/L	77%	38 - 95	6030298	03/03/06 12:00
Phenanthrene	50.0	44.4	MNR1	ug/L	89%	55 - 113	6030298	03/03/06 12:00
Pyrene	50.0	46.4	MNR1	ug/L	93%	57 - 117	6030298	03/03/06 12:00
Surrogate: Terphenyl-d14	50.2	27.9			56%	31 - 111	6030298	03/03/06 12:00
Surrogate: 2-Fluorobiphenyl	50.2	40.0			80%	33 - 101	6030298	03/03/06 12:00
Surrogate: Nitrobenzene-d5	50.2	35.7			71%	31 - 112	6030298	03/03/06 12:00

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Client	Conestoga-Rovers & Asso. (Midland) / SHELL (13725)	Work Order:	NPC0100
	2135 S. Loop 250 West	Project Name:	Penrose A Kennan
	Midland, TX 79703	Project Number:	SAP
Attn	Jeff Kindley	Received:	03/01/06 08:00

PROJECT QUALITY CONTROL DATA
Matrix Spike

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/ Time
Volatile Organic Compounds by EPA Method 8021B										
6030925-MS1										
Benzene		108		ug/L	100	108%	50 - 159	6030925	NPC0100-01	03/05/06 10:52
Ethylbenzene		107		ug/L	100	107%	50 - 155	6030925	NPC0100-01	03/05/06 10:52
Toluene	0.136	110		ug/L	100	110%	57 - 150	6030925	NPC0100-01	03/05/06 10:52
Xylenes, total	0.0900	222		ug/L	200	111%	48 - 151	6030925	NPC0100-01	03/05/06 10:52
Surrogate: a,a,a-Trifluorotoluene		29.3		ug/L	30.0	98%	63 - 134	6030925	NPC0100-01	03/05/06 10:52

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Client	Conestoga-Rovers & Asso. (Midland) / SHELL (13725)	Work Order:	NPC0100
	2135 S. Loop 250 West	Project Name:	Penrose A Kennan
	Midland, TX 79703	Project Number:	SAP
Attn	Jeff Kindley	Received:	03/01/06 08:00

PROJECT QUALITY CONTROL DATA

Matrix Spike Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/ Time
Volatile Organic Compounds by EPA Method 8021B												
6030925-MSD1												
Benzene		107		ug/L	100	107%	50 - 159	0.9	33	6030925	NPC0100-01	03/05/06 11:23
Ethylbenzene		107		ug/L	100	107%	50 - 155	0	35	6030925	NPC0100-01	03/05/06 11:23
Toluene	0.136	112		ug/L	100	112%	57 - 150	2	33	6030925	NPC0100-01	03/05/06 11:23
Xylenes, total	0.0900	223		ug/L	200	111%	48 - 151	0.4	35	6030925	NPC0100-01	03/05/06 11:23
Surrogate: a,a,a-Trifluorotoluene		29.7		ug/L	30.0	99%	63 - 134			6030925	NPC0100-01	03/05/06 11:23

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Client	Conestoga-Rovers & Asso. (Midland) / SHELL (13725)	Work Order:	NPC0100
	2135 S. Loop 250 West	Project Name:	Penrose A Kennan
	Midland, TX 79703	Project Number:	SAP
Attn	Jeff Kindley	Received:	03/01/06 08:00

CERTIFICATION SUMMARY

TestAmerica Analytical - Nashville

Method	Matrix	AIHA	Nelac	Texas
SW846 8021B	Water	N/A	X	X
SW846 8270C	Water	N/A	X	X

TestAmerica
ANALYTICAL TESTING CORPORATION
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Client	Conestoga-Rovers & Asso. (Midland) / SHELL (13725)	Work Order:	NPC0100
	2135 S. Loop 250 West	Project Name:	Penrose A Kennan
	Midland, TX 79703	Project Number:	SAP
Attn	Jeff Kindley	Received:	03/01/06 08:00

NELAC CERTIFICATION SUMMARY

TestAmerica Analytical - Nashville does not hold NELAC certifications for the following analytes included in this report

Method	Matrix	Analyte

TestAmerica
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2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Conestoga-Rovers & Asso. (Midland) / SHELL (13725)	Work Order:	NPC0100
	2135 S. Loop 250 West	Project Name:	Penrose A Kennan
	Midland, TX 79703	Project Number:	SAP
Attn	Jeff Kindley	Received:	03/01/06 08:00

DATA QUALIFIERS AND DEFINITIONS

J	Analyte detected at a level less than the Reporting Limit (RL) and greater than or equal to the Method Detection Limit (MDL). Concentrations within this range are estimated.
MNR1	There was no MS/MSD analyzed with this batch due to insufficient sample volume. See Blank Spike.
S10	Insufficient sample available for reanalysis.
Z6	Surrogate recovery was below acceptance limits.

METHOD MODIFICATION NOTES

TestAmerica
ANALYTICAL TESTING CORPORATION
Nashville Division

NPC0100

COOLER RECEIPT FORM **BC#**

Client Name : CRA - Shell

Cooler Received/Opened On: 3-1-06 **Accessioned By:** Jimmy Huckaba

JHA
Log-in Personnel Signature

1. **Temperature of Cooler when triaged:** 2.8 **Degrees Celsius**
2. **Were custody seals on outside of cooler?** (YES)...NO...NA
   a. **If yes, how many and where:** _____
3. **Were custody seals on containers?** (NO)...YES...NA
4. **Were the seals intact, signed, and dated correctly?** (YES)...NO...NA
5. **Were custody papers inside cooler?** (YES)...NO...NA
6. **Were custody papers properly filled out (ink, signed, etc)?** (YES)...NO...NA
7. **Did you sign the custody papers in the appropriate place?** (YES)...NO...NA
8. **What kind of packing material used?** (Bubblewrap) Peanuts Vermiculite Foam Insert Ziplock baggies Paper Other None
9. **Cooling process:** (Ice) Ice-pack Ice (direct contact) Dry ice Other None
10. **Did all containers arrive in good condition (unbroken)?** (YES)...NO...NA
11. **Were all container labels complete (#, date, signed, pres., etc)?** YES...(NO)...NA — Sample time is not recorded on the labels.
12. **Did all container labels and tags agree with custody papers?** (YES)...NO...NA
13. **Were correct containers used for the analysis requested?** (YES)...NO...NA
14. a. **Were VOA vials received?** (YES)...NO...NA
    b. **Was there any observable head space present in any VOA vial?** (NO)...YES...NA
15. **Was sufficient amount of sample sent in each container?** (YES)...NO...NA
16. **Were correct preservatives used?** (YES)...NO...NA
    If not, record standard ID of preservative used here _____
17. **Was residual chlorine present?** (NO)...YES...NA
18. **Indicate the Airbill Tracking Number (last 4 digits for Fedex only) and Name of Courier below:**

    4363

    (Fed-Ex) UPS Velocity DHL Route Off-street Misc.
19. **If a Non-Conformance exists, see attached or comments below:**

    NC 35623

BIS = Broken in shipment

TEST AMERICA

☑ 2690 FOSTER CREIGHTON, NASHVILLE, TN 37204 PHONE 800-765-0980 FAX# 615-726-3404

☐ 7602 Commerce Drive, Watertown, WI 53094 Phone 800-833-7036

☐ 704 Enterprise Drive, Cedar Falls, IA 50613 Phone 319-277-2401

☐ 14500 Trinity Blvd., Suite 106, Fort Worth, TX 76155 Phone 817-571-6800

☐ 3601 South Dixie Drive, Dayton, OH 46439 Phone 800-572-9839

☐ 1380 Busch Parkway, Buffalo Grove, IL 60089 Phone 847-808-7766

☐ 1110 Elkton Drive, Suite A, Colorado Springs, CO 80907 Phone 719-593-9911

☐ Other _____

Shell Oil Products US Chain Of Custody Record

SOP US Project Manager to be invoiced:

☑ ENVIRONMENTAL SERVICES
☐ TECHNICAL SERVICES
☐ RMT HOUSTON
☐ BILL CONSULTANT

NAME OF PM TO BILL: Kenneth Springer

NAME OF TS TO BILL: Kenneth Springer

☑ SHELL RATES ☐ STATE REIMBURSEMENT RATES

INCIDENT # (S&E ONLY): 3 0 0 1 0 8

SAP or CRMT # (TS/CRMT):

DATE: 28-Feb-06

PAGE: 1 of 1

Invoice with _____ sampling events for this site, sampled through the following date: _____

CONSULTANT COMPANY: Conestoga-Rovers and Associates

ADDRESS: 2135 South Loop 250 West

CITY: Midland, Texas 79703

TELEPHONE: 432-686-0086 FAX: 432-686-0186 E-MAIL: jkindley@craworld.com

SITE ADDRESS (Street and City):

PROJECT CONTACT (Report to): Jeffrey Kindley (Copy to): Kenneth Springer

CONSULTANT PROJECT NO.: 044041

Cory Coleman

LAB USE ONLY

TURNAROUND TIME (CALENDAR DAYS):
☑ STANDARD (10 DAY) ☐ 5 DAYS ☐ 3 DAYS ☐ 2 DAYS ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND

REQUESTED ANALYSIS if more than one method is listed, circle one

TEMPERATURE ON RECEIPT C°

SPECIAL INSTRUCTIONS OR NOTES :

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	PRESERVATIVE HCL	HNO3	H2SO4	NONE	OTHER	NO. OF CONT.	BTEX 8021A	PAH 8260a	Temp	Container PID Readings or Laboratory Notes
	MW-2	2/28/06	1040	H2O	x			x		4	x	x		-1
	MW-3	2/28/06	1100	H2O	x			x		x	x	x		-2
	MW-4	2/28/06	1120	H2O	x			x		x	x	x		-3
	MW-5	2/28/06	1145	H2O	x			x		x	x	x		-4
	DUP			H2O	x			x		4	x	x		-5
	TRIP			H2O	x					1	x			-6
	TEMP			H2O				x		1			x	

NPC0100
03/08/06 17:00

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
		2-28-06	1530
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
		3-1-06	0800

DISTRIBUTION: White with final report. Green to File Yellow and Pink to Client.

05/1/01 Revision

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

July 17, 2006

Client: Conestoga-Rovers & Asso. (Midland) / SHELL (13725)
2135 S. Loop 250 West
Midland, TX 79703
Attn: Jeff Kindley

Work Order: NPG0120
Project Name: Penrose A Kennan
Project Nbr: SAP ?044041
P/O Nbr: 300108
Date Received: 07/01/06

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
MW-2	NPG0120-01	06/30/06 10:15
MW-3	NPG0120-02	06/30/06 10:45
MW-4	NPG0120-03	06/30/06 11:20
MW-5	NPG0120-04	06/30/06 11:45
Trip	NPG0120-05	06/30/06 00:01

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. Any opinions, if expressed, are outside the scope of the Laboratory's accredidation.

The Chain(s) of Custody, 2 pages, are included and are an integral part of this report.

These results relate only to the items tested. This report shall not be reproduced except in full and with permission of the laboratory.

Report Approved By:

Dorothy Roberts
Project Management

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client Conestoga-Rovers & Asso. (Midland) / SHELL (13725)
2135 S. Loop 250 West
Midland, TX 79703
Attn Jeff Kindley

Work Order: NPG0120
Project Name: Penrose A Kennan
Project Number: SAP ?044041
Received: 07/01/06 08:00

ANALYTICAL REPORT

Parameter	Result	Flag	Units	ADJ MQL	SQL	Dil Factor	Analysis Date/Time	Method	Analys	Batch	UNADJ MQL
Sample ID: NPG0120-01 (MW-2 - Water) Sampled: 06/30/06 10:15											
Selected Volatile Organic Compounds by EPA Method 8260B											
Benzene	**0.510**	J	ug/L	1.00	0.290	1	07/12/06 20:26	SW846 8260B	HP6	6072197	1.000
Ethylbenzene	**2.32**		ug/L	1.00	0.340	1	07/12/06 20:26	SW846 8260B	HP6	6072197	1.000
Toluene	**0.730**	J	ug/L	1.00	0.280	1	07/12/06 20:26	SW846 8260B	HP6	6072197	1.000
Xylenes, total	**4.63**		ug/L	3.00	0.820	1	07/12/06 20:26	SW846 8260B	HP6	6072197	3.000
Surr: 1,2-Dichloroethane-d4 (70-130%)	*90 %*										
Surr: Dibromofluoromethane (79-122%)	*103 %*										
Surr: Toluene-d8 (78-121%)	*81 %*										
Surr: 4-Bromofluorobenzene (78-126%)	*95 %*										
Polyaromatic Hydrocarbons by EPA 8270C											
Acenaphthene	<1.54		ug/L	1.92	1.54	1	07/05/06 17:27	SW846 8270C	DAH	6070379	2.000
Acenaphthylene	<1.44		ug/L	1.92	1.44	1	07/05/06 17:27	SW846 8270C	DAH	6070379	2.000
Anthracene	<0.865		ug/L	1.92	0.865	1	07/05/06 17:27	SW846 8270C	DAH	6070379	2.000
Benzo (a) anthracene	<1.06		ug/L	1.92	1.06	1	07/05/06 17:27	SW846 8270C	DAH	6070379	2.000
Benzo (a) pyrene	<0.865		ug/L	1.92	0.865	1	07/05/06 17:27	SW846 8270C	DAH	6070379	2.000
Benzo (b) fluoranthene	<1.63		ug/L	1.92	1.63	1	07/05/06 17:27	SW846 8270C	DAH	6070379	2.000
Benzo (g,h,i) perylene	<0.769		ug/L	1.92	0.769	1	07/05/06 17:27	SW846 8270C	DAH	6070379	2.000
Benzo (k) fluoranthene	<1.44		ug/L	1.92	1.44	1	07/05/06 17:27	SW846 8270C	DAH	6070379	2.000
Chrysene	<0.962		ug/L	1.92	0.962	1	07/05/06 17:27	SW846 8270C	DAH	6070379	2.000
Dibenz (a,h) anthracene	<0.962		ug/L	1.92	0.962	1	07/05/06 17:27	SW846 8270C	DAH	6070379	2.000
Fluoranthene	<1.15		ug/L	1.92	1.15	1	07/05/06 17:27	SW846 8270C	DAH	6070379	2.000
Fluorene	<1.15		ug/L	1.92	1.15	1	07/05/06 17:27	SW846 8270C	DAH	6070379	2.000
Indeno (1,2,3-cd) pyrene	<0.962		ug/L	1.92	0.962	1	07/05/06 17:27	SW846 8270C	DAH	6070379	2.000
Naphthalene	<1.44		ug/L	1.92	1.44	1	07/05/06 17:27	SW846 8270C	DAH	6070379	2.000
Phenanthrene	<1.15		ug/L	1.92	1.15	1	07/05/06 17:27	SW846 8270C	DAH	6070379	2.000
Pyrene	<1.06		ug/L	1.92	1.06	1	07/05/06 17:27	SW846 8270C	DAH	6070379	2.000
Surr: Terphenyl-d14 (31-111%)	*62 %*										
Surr: 2-Fluorobiphenyl (33-101%)	*79 %*										
Surr: Nitrobenzene-d5 (31-112%)	*79 %*										

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Client	Conestoga-Rovers & Asso. (Midland) / SHELL (13725)	Work Order:	NPG0120
	2135 S. Loop 250 West	Project Name:	Penrose A Kennan
	Midland, TX 79703	Project Number:	SAP ?044041
Attn	Jeff Kindley	Received:	07/01/06 08:00

ANALYTICAL REPORT

Parameter	Result	Flag	Units	ADJ MQL	SQL	Dil Factor	Analysis Date/Time	Method	Analys	Batch	UNADJ MQL
Sample ID: NPG0120-02 (MW-3 - Water) Sampled: 06/30/06 10:45											
Selected Volatile Organic Compounds by EPA Method 8260B											
Benzene	0.320	J	ug/L	1.00	0.290	1	07/12/06 20:50	SW846 8260B	HP6	6072197	1.000
Ethylbenzene	<0.340		ug/L	1.00	0.340	1	07/12/06 20:50	SW846 8260B	HP6	6072197	1.000
Toluene	<0.280		ug/L	1.00	0.280	1	07/12/06 20:50	SW846 8260B	HP6	6072197	1.000
Xylenes, total	<0.820		ug/L	3.00	0.820	1	07/12/06 20:50	SW846 8260B	HP6	6072197	3.000
Surr: 1,2-Dichloroethane-d4 (70-130%)	*94 %*										
Surr: Dibromofluoromethane (79-122%)	*107 %*										
Surr: Toluene-d8 (78-121%)	*78 %*										
Surr: 4-Bromofluorobenzene (78-126%)	*96 %*										
Polyaromatic Hydrocarbons by EPA 8270C											
Acenaphthene	<1.54		ug/L	1.92	1.54	1	07/05/06 17:54	SW846 8270C	DAH	6070379	2.000
Acenaphthylene	<1.44		ug/L	1.92	1.44	1	07/05/06 17:54	SW846 8270C	DAH	6070379	2.000
Anthracene	<0.865		ug/L	1.92	0.865	1	07/05/06 17:54	SW846 8270C	DAH	6070379	2.000
Benzo (a) anthracene	<1.06		ug/L	1.92	1.06	1	07/05/06 17:54	SW846 8270C	DAH	6070379	2.000
Benzo (a) pyrene	<0.865		ug/L	1.92	0.865	1	07/05/06 17:54	SW846 8270C	DAH	6070379	2.000
Benzo (b) fluoranthene	<1.63		ug/L	1.92	1.63	1	07/05/06 17:54	SW846 8270C	DAH	6070379	2.000
Benzo (g,h,i) perylene	<0.769		ug/L	1.92	0.769	1	07/05/06 17:54	SW846 8270C	DAH	6070379	2.000
Benzo (k) fluoranthene	<1.44		ug/L	1.92	1.44	1	07/05/06 17:54	SW846 8270C	DAH	6070379	2.000
Chrysene	<0.962		ug/L	1.92	0.962	1	07/05/06 17:54	SW846 8270C	DAH	6070379	2.000
Dibenz (a,h) anthracene	<0.962		ug/L	1.92	0.962	1	07/05/06 17:54	SW846 8270C	DAH	6070379	2.000
Fluoranthene	<1.15		ug/L	1.92	1.15	1	07/05/06 17:54	SW846 8270C	DAH	6070379	2.000
Fluorene	<1.15		ug/L	1.92	1.15	1	07/05/06 17:54	SW846 8270C	DAH	6070379	2.000
Indeno (1,2,3-cd) pyrene	<0.962		ug/L	1.92	0.962	1	07/05/06 17:54	SW846 8270C	DAH	6070379	2.000
Naphthalene	<1.44		ug/L	1.92	1.44	1	07/05/06 17:54	SW846 8270C	DAH	6070379	2.000
Phenanthrene	<1.15		ug/L	1.92	1.15	1	07/05/06 17:54	SW846 8270C	DAH	6070379	2.000
Pyrene	<1.06		ug/L	1.92	1.06	1	07/05/06 17:54	SW846 8270C	DAH	6070379	2.000
Surr: Terphenyl-d14 (31-111%)	*75 %*										
Surr: 2-Fluorobiphenyl (33-101%)	*76 %*										
Surr: Nitrobenzene-d5 (31-112%)	*72 %*										

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ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client Conestoga-Rovers & Asso. (Midland) / SHELL (13725)
2135 S. Loop 250 West
Midland, TX 79703
Attn Jeff Kindley

Work Order: NPG0120
Project Name: Penrose A Kennan
Project Number: SAP ?044041
Received: 07/01/06 08:00

ANALYTICAL REPORT

Parameter	Result	Flag	Units	ADJ MQL	SQL	Dil Factor	Analysis Date/Time	Method	Analys	Batch	UNADJ MQL
Sample ID: NPG0120-03 (MW-4 - Water) Sampled: 06/30/06 11:20											
Selected Volatile Organic Compounds by EPA Method 8260B											
Benzene	<0.290		ug/L	1.00	0.290	1	07/12/06 21:14	SW846 8260B	HP6	6072197	1.000
Ethylbenzene	<0.340		ug/L	1.00	0.340	1	07/12/06 21:14	SW846 8260B	HP6	6072197	1.000
Toluene	<0.280		ug/L	1.00	0.280	1	07/12/06 21:14	SW846 8260B	HP6	6072197	1.000
Xylenes, total	<0.820		ug/L	3.00	0.820	1	07/12/06 21:14	SW846 8260B	HP6	6072197	3.000
Surr: 1,2-Dichloroethane-d4 (70-130%)	*93 %*										
Surr: Dibromofluoromethane (79-122%)	*105 %*										
Surr: Toluene-d8 (78-121%)	*80 %*										
Surr: 4-Bromofluorobenzene (78-126%)	*97 %*										
Polyaromatic Hydrocarbons by EPA 8270C											
Acenaphthene	<1.54		ug/L	1.92	1.54	1	07/05/06 18:21	SW846 8270C	DAH	6070379	2.000
Acenaphthylene	<1.44		ug/L	1.92	1.44	1	07/05/06 18:21	SW846 8270C	DAH	6070379	2.000
Anthracene	<0.865		ug/L	1.92	0.865	1	07/05/06 18:21	SW846 8270C	DAH	6070379	2.000
Benzo (a) anthracene	<1.06		ug/L	1.92	1.06	1	07/05/06 18:21	SW846 8270C	DAH	6070379	2.000
Benzo (a) pyrene	<0.865		ug/L	1.92	0.865	1	07/05/06 18:21	SW846 8270C	DAH	6070379	2.000
Benzo (b) fluoranthene	<1.63		ug/L	1.92	1.63	1	07/05/06 18:21	SW846 8270C	DAH	6070379	2.000
Benzo (g,h,i) perylene	<0.769		ug/L	1.92	0.769	1	07/05/06 18:21	SW846 8270C	DAH	6070379	2.000
Benzo (k) fluoranthene	<1.44		ug/L	1.92	1.44	1	07/05/06 18:21	SW846 8270C	DAH	6070379	2.000
Chrysene	<0.962		ug/L	1.92	0.962	1	07/05/06 18:21	SW846 8270C	DAH	6070379	2.000
Dibenz (a,h) anthracene	<0.962		ug/L	1.92	0.962	1	07/05/06 18:21	SW846 8270C	DAH	6070379	2.000
Fluoranthene	<1.15		ug/L	1.92	1.15	1	07/05/06 18:21	SW846 8270C	DAH	6070379	2.000
Fluorene	<1.15		ug/L	1.92	1.15	1	07/05/06 18:21	SW846 8270C	DAH	6070379	2.000
Indeno (1,2,3-cd) pyrene	<0.962		ug/L	1.92	0.962	1	07/05/06 18:21	SW846 8270C	DAH	6070379	2.000
Naphthalene	<1.44		ug/L	1.92	1.44	1	07/05/06 18:21	SW846 8270C	DAH	6070379	2.000
Phenanthrene	<1.15		ug/L	1.92	1.15	1	07/05/06 18:21	SW846 8270C	DAH	6070379	2.000
Pyrene	<1.06		ug/L	1.92	1.06	1	07/05/06 18:21	SW846 8270C	DAH	6070379	2.000
Surr: Terphenyl-d14 (31-111%)	*69 %*										
Surr: 2-Fluorobiphenyl (33-101%)	*77 %*										
Surr: Nitrobenzene-d5 (31-112%)	*69 %*										

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ANALYTICAL TESTING CORPORATION
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Client Conestoga-Rovers & Asso. (Midland) / SHELL (13725)
2135 S. Loop 250 West
Midland, TX 79703
Attn Jeff Kindley

Work Order: NPG0120
Project Name: Penrose A Kennan
Project Number: SAP ?044041
Received: 07/01/06 08:00

ANALYTICAL REPORT

Parameter	Result	Flag	Units	ADJ MQL	SQL	Dil Factor	Analysis Date/Time	Method	Analys	Batch	UNADJ MQL
Sample ID: NPG0120-04 (MW-5 - Water) Sampled: 06/30/06 11:45											
Selected Volatile Organic Compounds by EPA Method 8260B											
Benzene	<0.290		ug/L	1.00	0.290	1	07/12/06 21:37	SW846 8260B	HP6	6072197	1.000
Ethylbenzene	<0.340		ug/L	1.00	0.340	1	07/12/06 21:37	SW846 8260B	HP6	6072197	1.000
Toluene	0.710	J	ug/L	1.00	0.280	1	07/12/06 21:37	SW846 8260B	HP6	6072197	1.000
Xylenes, total	4.59		ug/L	3.00	0.820	1	07/12/06 21:37	SW846 8260B	HP6	6072197	3.000
Surr: 1,2-Dichloroethane-d4 (70-130%)	*92 %*										
Surr: Dibromofluoromethane (79-122%)	*106 %*										
Surr: Toluene-d8 (78-121%)	*80 %*										
Surr: 4-Bromofluorobenzene (78-126%)	*96 %*										
Polyaromatic Hydrocarbons by EPA 8270C											
Acenaphthene	<1.54		ug/L	1.92	1.54	1	07/05/06 18:49	SW846 8270C	DAH	6070379	2.000
Acenaphthylene	<1.44		ug/L	1.92	1.44	1	07/05/06 18:49	SW846 8270C	DAH	6070379	2.000
Anthracene	<0.865		ug/L	1.92	0.865	1	07/05/06 18:49	SW846 8270C	DAH	6070379	2.000
Benzo (a) anthracene	<1.06		ug/L	1.92	1.06	1	07/05/06 18:49	SW846 8270C	DAH	6070379	2.000
Benzo (a) pyrene	<0.865		ug/L	1.92	0.865	1	07/05/06 18:49	SW846 8270C	DAH	6070379	2.000
Benzo (b) fluoranthene	<1.63		ug/L	1.92	1.63	1	07/05/06 18:49	SW846 8270C	DAH	6070379	2.000
Benzo (g,h,i) perylene	<0.769		ug/L	1.92	0.769	1	07/05/06 18:49	SW846 8270C	DAH	6070379	2.000
Benzo (k) fluoranthene	<1.44		ug/L	1.92	1.44	1	07/05/06 18:49	SW846 8270C	DAH	6070379	2.000
Chrysene	<0.962		ug/L	1.92	0.962	1	07/05/06 18:49	SW846 8270C	DAH	6070379	2.000
Dibenz (a,h) anthracene	<0.962		ug/L	1.92	0.962	1	07/05/06 18:49	SW846 8270C	DAH	6070379	2.000
Fluoranthene	<1.15		ug/L	1.92	1.15	1	07/05/06 18:49	SW846 8270C	DAH	6070379	2.000
Fluorene	<1.15		ug/L	1.92	1.15	1	07/05/06 18:49	SW846 8270C	DAH	6070379	2.000
Indeno (1,2,3-cd) pyrene	<0.962		ug/L	1.92	0.962	1	07/05/06 18:49	SW846 8270C	DAH	6070379	2.000
Naphthalene	<1.44		ug/L	1.92	1.44	1	07/05/06 18:49	SW846 8270C	DAH	6070379	2.000
Phenanthrene	<1.15		ug/L	1.92	1.15	1	07/05/06 18:49	SW846 8270C	DAH	6070379	2.000
Pyrene	<1.06		ug/L	1.92	1.06	1	07/05/06 18:49	SW846 8270C	DAH	6070379	2.000
Surr: Terphenyl-d14 (31-111%)	*68 %*										
Surr: 2-Fluorobiphenyl (33-101%)	*72 %*										
Surr: Nitrobenzene-d5 (31-112%)	*62 %*										

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Client	Conestoga-Rovers & Asso. (Midland) / SHELL (13725)	Work Order:	NPG0120
	2135 S. Loop 250 West	Project Name:	Penrose A Kennan
	Midland, TX 79703	Project Number:	SAP ?044041
Attn	Jeff Kindley	Received:	07/01/06 08:00

ANALYTICAL REPORT

Parameter	Result	Flag	Units	ADJ MQL	SQL	Dil Factor	Analysis Date/Time	Method	Analys	Batch	UNADJ MQL
Sample ID: NPG0120-05 (Trip - Water) Sampled: 06/30/06 00:01											
Selected Volatile Organic Compounds by EPA Method 8260B											
Benzene	<0.290		ug/L	1.00	0.290	1	07/12/06 17:39	SW846 8260B	HP6	6072197	1.000
Ethylbenzene	<0.340		ug/L	1.00	0.340	1	07/12/06 17:39	SW846 8260B	HP6	6072197	1.000
Toluene	**0.630**	J	ug/L	1.00	0.280	1	07/12/06 17:39	SW846 8260B	HP6	6072197	1.000
Xylenes, total	<0.820		ug/L	3.00	0.820	1	07/12/06 17:39	SW846 8260B	HP6	6072197	3.000
Surr: 1,2-Dichloroethane-d4 (70-130%)	*97 %*										
Surr: Dibromofluoromethane (79-122%)	*109 %*										
Surr: Toluene-d8 (78-121%)	*78 %*										
Surr: 4-Bromofluorobenzene (78-126%)	*96 %*										

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Client	Conestoga-Rovers & Asso. (Midland) / SHELL (13725)	Work Order:	NPG0120
	2135 S. Loop 250 West	Project Name:	Penrose A Kennan
	Midland, TX 79703	Project Number:	SAP ?044041
Attn	Jeff Kindley	Received:	07/01/06 08:00

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Extracted Vol	Date	Analyst	Extraction Method
Polyaromatic Hydrocarbons by EPA 8270C							
SW846 8270C	6070379	NPG0120-01	1040.00	1.00	07/05/06 08:30	AEB	EPA 3510C
SW846 8270C	6070379	NPG0120-02	1040.00	1.00	07/05/06 08:30	AEB	EPA 3510C
SW846 8270C	6070379	NPG0120-03	1040.00	1.00	07/05/06 08:30	AEB	EPA 3510C
SW846 8270C	6070379	NPG0120-04	1040.00	1.00	07/05/06 08:30	AEB	EPA 3510C

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Client	Conestoga-Rovers & Asso. (Midland) / SHELL (13725)	Work Order:	NPG0120
	2135 S. Loop 250 West	Project Name:	Penrose A Kennan
	Midland, TX 79703	Project Number:	SAP ?044041
Attn	Jeff Kindley	Received:	07/01/06 08:00

PROJECT QUALITY CONTROL DATA
Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Selected Volatile Organic Compounds by EPA Method 8260B						
6072197-BLK1						
Benzene	<0.290		ug/L	6072197	6072197-BLK1	07/12/06 13:05
Ethylbenzene	<0.340		ug/L	6072197	6072197-BLK1	07/12/06 13:05
Toluene	<0.280		ug/L	6072197	6072197-BLK1	07/12/06 13:05
Xylenes, total	<0.820		ug/L	6072197	6072197-BLK1	07/12/06 13:05
Surrogate: 1,2-Dichloroethane-d4	94%			6072197	6072197-BLK1	07/12/06 13:05
Surrogate: Dibromofluoromethane	107%			6072197	6072197-BLK1	07/12/06 13:05
Surrogate: Toluene-d8	78%			6072197	6072197-BLK1	07/12/06 13:05
Surrogate: 4-Bromofluorobenzene	98%			6072197	6072197-BLK1	07/12/06 13:05
Polyaromatic Hydrocarbons by EPA 8270C						
6070379-BLK1						
Acenaphthene	<1.60		ug/L	6070379	6070379-BLK1	07/05/06 14:14
Acenaphthylene	<1.50		ug/L	6070379	6070379-BLK1	07/05/06 14:14
Anthracene	<0.900		ug/L	6070379	6070379-BLK1	07/05/06 14:14
Benzo (a) anthracene	<1.10		ug/L	6070379	6070379-BLK1	07/05/06 14:14
Benzo (a) pyrene	<0.900		ug/L	6070379	6070379-BLK1	07/05/06 14:14
Benzo (b) fluoranthene	<1.70		ug/L	6070379	6070379-BLK1	07/05/06 14:14
Benzo (g,h,i) perylene	<0.800		ug/L	6070379	6070379-BLK1	07/05/06 14:14
Benzo (k) fluoranthene	<1.50		ug/L	6070379	6070379-BLK1	07/05/06 14:14
Chrysene	<1.00		ug/L	6070379	6070379-BLK1	07/05/06 14:14
Dibenz (a,h) anthracene	<1.00		ug/L	6070379	6070379-BLK1	07/05/06 14:14
Fluoranthene	<1.20		ug/L	6070379	6070379-BLK1	07/05/06 14:14
Fluorene	<1.20		ug/L	6070379	6070379-BLK1	07/05/06 14:14
Indeno (1,2,3-cd) pyrene	<1.00		ug/L	6070379	6070379-BLK1	07/05/06 14:14
Naphthalene	<1.50		ug/L	6070379	6070379-BLK1	07/05/06 14:14
Phenanthrene	<1.20		ug/L	6070379	6070379-BLK1	07/05/06 14:14
Pyrene	<1.10		ug/L	6070379	6070379-BLK1	07/05/06 14:14
1-Methylnaphthalene	<1.40		ug/L	6070379	6070379-BLK1	07/05/06 14:14
2-Methylnaphthalene	<1.50		ug/L	6070379	6070379-BLK1	07/05/06 14:14
Surrogate: Terphenyl-d14	77%			6070379	6070379-BLK1	07/05/06 14:14
Surrogate: 2-Fluorobiphenyl	70%			6070379	6070379-BLK1	07/05/06 14:14
Surrogate: Nitrobenzene-d5	64%			6070379	6070379-BLK1	07/05/06 14:14

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Client Conestoga-Rovers & Asso. (Midland) / SHELL (13725)
2135 S. Loop 250 West
Midland, TX 79703
Attn Jeff Kindley

Work Order: NPG0120
Project Name: Penrose A Kennan
Project Number: SAP ?044041
Received: 07/01/06 08:00

PROJECT QUALITY CONTROL DATA
LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/ Time
Selected Volatile Organic Compounds by EPA Method 8260B								
6072197-BS1								
Benzene	50.0	59.5		ug/L	119%	78 - 122	6072197	07/12/06 11:53
Ethylbenzene	50.0	51.7		ug/L	103%	82 - 122	6072197	07/12/06 11:53
Toluene	50.0	51.0		ug/L	102%	80 - 120	6072197	07/12/06 11:53
Xylenes, total	150	158		ug/L	105%	81 - 125	6072197	07/12/06 11:53
Surrogate: 1,2-Dichloroethane-d4	50.0	44.0			88%	70 - 130	6072197	07/12/06 11:53
Surrogate: Dibromofluoromethane	50.0	53.7			107%	79 - 122	6072197	07/12/06 11:53
Surrogate: Toluene-d8	50.0	41.7			83%	78 - 121	6072197	07/12/06 11:53
Surrogate: 4-Bromofluorobenzene	50.0	45.3			91%	78 - 126	6072197	07/12/06 11:53
Polyaromatic Hydrocarbons by EPA 8270C								
6070379-BS1								
Acenaphthene	50.0	37.9		ug/L	76%	46 - 108	6070379	07/05/06 14:41
Acenaphthylene	50.0	35.8		ug/L	72%	47 - 110	6070379	07/05/06 14:41
Anthracene	50.0	44.0		ug/L	88%	54 - 123	6070379	07/05/06 14:41
Benzo (a) anthracene	50.0	43.7		ug/L	87%	55 - 117	6070379	07/05/06 14:41
Benzo (a) pyrene	50.0	45.1		ug/L	90%	54 - 124	6070379	07/05/06 14:41
Benzo (b) fluoranthene	50.0	46.1		ug/L	92%	49 - 126	6070379	07/05/06 14:41
Benzo (g,h,i) perylene	50.0	46.3		ug/L	93%	42 - 131	6070379	07/05/06 14:41
Benzo (k) fluoranthene	50.0	37.6		ug/L	75%	51 - 128	6070379	07/05/06 14:41
Chrysene	50.0	42.2		ug/L	84%	54 - 118	6070379	07/05/06 14:41
Dibenz (a,h) anthracene	50.0	45.5		ug/L	91%	44 - 131	6070379	07/05/06 14:41
Fluoranthene	50.0	43.0		ug/L	86%	57 - 117	6070379	07/05/06 14:41
Fluorene	50.0	39.6		ug/L	79%	51 - 111	6070379	07/05/06 14:41
Indeno (1,2,3-cd) pyrene	50.0	44.9		ug/L	90%	44 - 132	6070379	07/05/06 14:41
Naphthalene	50.0	28.9		ug/L	58%	38 - 95	6070379	07/05/06 14:41
Phenanthrene	50.0	41.7		ug/L	83%	55 - 113	6070379	07/05/06 14:41
Pyrene	50.0	42.7		ug/L	85%	57 - 117	6070379	07/05/06 14:41
Surrogate: Terphenyl-d14	50.0	37.0			74%	31 - 111	6070379	07/05/06 14:41
Surrogate: 2-Fluorobiphenyl	50.0	37.9			76%	33 - 101	6070379	07/05/06 14:41
Surrogate: Nitrobenzene-d5	50.0	35.6			71%	31 - 112	6070379	07/05/06 14:41

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2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Conestoga-Rovers & Asso. (Midland) / SHELL (13725)	Work Order:	NPG0120
	2135 S. Loop 250 West	Project Name:	Penrose A Kennan
	Midland, TX 79703	Project Number:	SAP ?044041
Attn	Jeff Kindley	Received:	07/01/06 08:00

PROJECT QUALITY CONTROL DATA

LCS Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/ Time
Polyaromatic Hydrocarbons by EPA 8270C												
6070379-BSD1												
Acenaphthene		36.8		ug/L	50.0	74%	46 - 108	3	41	6070379		07/05/06 16:59
Acenaphthylene		38.9		ug/L	50.0	78%	47 - 110	8	33	6070379		07/05/06 16:59
Anthracene		42.8		ug/L	50.0	86%	54 - 123	3	38	6070379		07/05/06 16:59
Benzo (a) anthracene		42.8		ug/L	50.0	86%	55 - 117	2	35	6070379		07/05/06 16:59
Benzo (a) pyrene		44.9		ug/L	50.0	90%	54 - 124	0.4	37	6070379		07/05/06 16:59
Benzo (b) fluoranthene		40.6		ug/L	50.0	81%	49 - 126	13	37	6070379		07/05/06 16:59
Benzo (g,h,i) perylene		43.6		ug/L	50.0	87%	42 - 131	6	36	6070379		07/05/06 16:59
Benzo (k) fluoranthene		41.9		ug/L	50.0	84%	51 - 128	11	40	6070379		07/05/06 16:59
Chrysene		40.4		ug/L	50.0	81%	54 - 118	4	35	6070379		07/05/06 16:59
Dibenz (a,h) anthracene		42.6		ug/L	50.0	85%	44 - 131	7	41	6070379		07/05/06 16:59
Fluoranthene		41.4		ug/L	50.0	83%	57 - 117	4	34	6070379		07/05/06 16:59
Fluorene		40.8		ug/L	50.0	82%	51 - 111	3	36	6070379		07/05/06 16:59
Indeno (1,2,3-cd) pyrene		43.1		ug/L	50.0	86%	44 - 132	4	41	6070379		07/05/06 16:59
Naphthalene		27.6		ug/L	50.0	55%	38 - 95	5	44	6070379		07/05/06 16:59
Phenanthrene		40.5		ug/L	50.0	81%	55 - 113	3	39	6070379		07/05/06 16:59
Pyrene		43.7		ug/L	50.0	87%	57 - 117	2	35	6070379		07/05/06 16:59
Surrogate: Terphenyl-d14		38.1		ug/L	50.0	76%	31 - 111			6070379		07/05/06 16:59
Surrogate: 2-Fluorobiphenyl		41.2		ug/L	50.0	82%	33 - 101			6070379		07/05/06 16:59
Surrogate: Nitrobenzene-d5		33.3		ug/L	50.0	67%	31 - 112			6070379		07/05/06 16:59

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Conestoga-Rovers & Asso. (Midland) / SHELL (13725)	Work Order:	NPG0120
	2135 S. Loop 250 West	Project Name:	Penrose A Kennan
	Midland, TX 79703	Project Number:	SAP ?044041
Attn	Jeff Kindley	Received:	07/01/06 08:00

PROJECT QUALITY CONTROL DATA
Matrix Spike

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/ Time
Selected Volatile Organic Compounds by EPA Method 8260B										
6072197-MS1										
Benzene	1.00E9	1.00E9	M7	ug/L	50.0	0%	74 - 133	6072197	NPG0497-06	07/12/06 22:49
Ethylbenzene	136	181		ug/L	50.0	90%	74 - 134	6072197	NPG0497-06	07/12/06 22:49
Toluene	5.27	57.3		ug/L	50.0	104%	73 - 133	6072197	NPG0497-06	07/12/06 22:49
Xylenes, total	17.4	181		ug/L	150	109%	68 - 139	6072197	NPG0497-06	07/12/06 22:49
Surrogate: 1,2-Dichloroethane-d4		46.9		ug/L	50.0	94%	70 - 130	6072197	NPG0497-06	07/12/06 22:49
Surrogate: Dibromofluoromethane		53.5		ug/L	50.0	107%	79 - 122	6072197	NPG0497-06	07/12/06 22:49
Surrogate: Toluene-d8		39.2		ug/L	50.0	78%	78 - 121	6072197	NPG0497-06	07/12/06 22:49
Surrogate: 4-Bromofluorobenzene		46.7		ug/L	50.0	93%	78 - 126	6072197	NPG0497-06	07/12/06 22:49

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Client	Conestoga-Rovers & Asso. (Midland) / SHELL (13725)	Work Order:	NPG0120
	2135 S. Loop 250 West	Project Name:	Penrose A Kennan
	Midland, TX 79703	Project Number:	SAP ?044041
Attn	Jeff Kindley	Received:	07/01/06 08:00

PROJECT QUALITY CONTROL DATA

Matrix Spike Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/ Time
Selected Volatile Organic Compounds by EPA Method 8260B												
6072197-MSD1												
Benzene	1.00E9	1.00E9	M7	ug/L	50.0	0%	74 - 133	0	19	6072197	NPG0497-06	07/12/06 23:13
Ethylbenzene	136	188		ug/L	50.0	104%	74 - 134	4	21	6072197	NPG0497-06	07/12/06 23:13
Toluene	5.27	60.6		ug/L	50.0	111%	73 - 133	6	20	6072197	NPG0497-06	07/12/06 23:13
Xylenes, total	17.4	190		ug/L	150	115%	68 - 139	5	23	6072197	NPG0497-06	07/12/06 23:13
Surrogate: 1,2-Dichloroethane-d4		43.9		ug/L	50.0	88%	70 - 130			6072197	NPG0497-06	07/12/06 23:13
Surrogate: Dibromofluoromethane		53.1		ug/L	50.0	106%	79 - 122			6072197	NPG0497-06	07/12/06 23:13
Surrogate: Toluene-d8		39.2		ug/L	50.0	78%	78 - 121			6072197	NPG0497-06	07/12/06 23:13
Surrogate: 4-Bromofluorobenzene		48.4		ug/L	50.0	97%	78 - 126			6072197	NPG0497-06	07/12/06 23:13

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Conestoga-Rovers & Asso. (Midland) / SHELL (13725)	Work Order:	NPG0120
	2135 S. Loop 250 West	Project Name:	Penrose A Kennan
	Midland, TX 79703	Project Number:	SAP ?044041
Attn	Jeff Kindley	Received:	07/01/06 08:00

CERTIFICATION SUMMARY

TestAmerica - Nashville, TN

Method	Matrix	AIHA	Nelac	Texas
SW846 8260B	Water	N/A	X	X
SW846 8270C	Water	N/A	X	X

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Conestoga-Rovers & Asso. (Midland) / SHELL (13725)	Work Order:	NPG0120
	2135 S. Loop 250 West	Project Name:	Penrose A Kennan
	Midland, TX 79703	Project Number:	SAP ?044041
Attn	Jeff Kindley	Received:	07/01/06 08:00

NELAC CERTIFICATION SUMMARY

TestAmerica Analytical - Nashville does not hold NELAC certifications for the following analytes included in this report

Method	Matrix	Analyte

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Conestoga-Rovers & Asso. (Midland) / SHELL (13725)	Work Order:	NPG0120
	2135 S. Loop 250 West	Project Name:	Penrose A Kennan
	Midland, TX 79703	Project Number:	SAP ?044041
Attn	Jeff Kindley	Received:	07/01/06 08:00

DATA QUALIFIERS AND DEFINITIONS

J	Analyte detected at a level less than the Reporting Limit (RL) and greater than or equal to the Method Detection Limit (MDL). Concentrations within this range are estimated.
M7	The MS and/or MSD were above the acceptance limits. See Blank Spike (LCS).

METHOD MODIFICATION NOTES

TestAmerica
ANALYTICAL TESTING CORPORATION

Nashville Division

COOLER RECEIPT FORM BC# NPG0120

Cooler Received/Opened On 7/01/06 8:00

1. Indicate the Airbill Tracking Number (last 4 digits for Fedex only) and Name of Courier below: 0786

(Fed-Ex) UPS Velocity DHL Route Off-street Misc.

2. Temperature of representative sample or temperature blank when opened: 3.8 Degrees Celsius (indicate IR Gun ID#)

NA A00466 A00750 A01124 100190 101282 (102594)

3. Were custody seals on outside of cooler?..... (YES)....NO....NA

a. If yes, how many and where: 1 Front

4. Were the seals intact, signed, and dated correctly?..... (YES)....NO...NA

5. Were custody papers inside cooler?..... (YES)....NO...NA

I certify that I opened the cooler and answered questions 1-5 (intial)..... JK

6. Were custody seals on containers: YES (NO) and Intact YES NO (NA)

were these signed, and dated correctly?..... YES...NO..(NA)

7. What kind of packing material used? (Bubblewrap) Peanuts Vermiculite Foam Insert

Plastic bag Paper Other_____ None

8. Cooling process: (Ice) Ice-pack Ice (direct contact) Dry ice Other None

9. Did all containers arrive in good condition (unbroken)?..... (YES)..NO...NA

10. Were all container labels complete (#, date, signed, pres., etc)?..... (YES)..NO...NA

11. Did all container labels and tags agree with custody papers?..... (YES)..NO...NA

12. a. Were VOA vials received?..... (YES)...NO...NA

b. Was there any observable head space present in any VOA vial?..... YES..(NO)..NA

I certify that I unloaded the cooler and answered questions 6-12 (intial)..... WS

13. a. On preserved bottles did the pH test strips suggest that preservation reached the correct pH level? YES...NO..(NA)

b. Did the bottle labels indicate that the correct preservatives were used..... (YES)..NO...NA

If preservation in-house was needed, record standard ID of preservative used here_____

14. Was residual chlorine present?..... YES..(NO)...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 13-14 (intial)..... WS

15. Were custody papers properly filled out (ink, signed, etc)?..... (YES)...NO...NA

16. Did you sign the custody papers in the appropriate place?..... (YES)..NO...NA

17. Were correct containers used for the analysis requested?..... (YES)..NO...NA

18. Was sufficient amount of sample sent in each container?..... (YES)..NO...NA

I certify that I entered this project into LIMS and answered questions 15-18 (intial)..... WS

I certify that I attached a label with the unique LIMS number to each container (intial)..... WS

19. Were there Non-Conformance issues at login YES (NO) Was a PIPE generated YES NO #_____

BIS = Broken in shipment

TEST AMERICA

☑ 2690 FOSTER CREIGHTON, NASHVILLE, TN 37204 PHONE 800-76

☐ 7602 Commerce Drive, Watertown, WI 53094 Phone 800-833-7036

☐ 704 Enterprise Drive, Cedar Falls, IA 50613 Phone 319-277-2401

☐ 14500 Trinity Blvd., Suite 106, Fort Worth, TX 76155 Phone 817-571-6800

☐ 3601 South Dixie Drive, Dayton, OH 46439 Phone 800-572-9839

☐ 1380 Busch Parkway, Buffalo Grove, IL 60089 Phone 847-808-7766

☐ 1110 Elkton Drive, Suite A, Colorado Springs, CO 80907 Phone 719-593-9911

☐ Other _____

NPG0120

07/18/06 23:59

Shell Oil Products US Chain Of Custody Record

SOP US Project Manager to be Invoiced:

☑ ENVIRONMENTAL SERVICES

☐ TECHNICAL SERVICES

☐ RMT HOUSTON

☐ BILL CONSULTANT

NAME OF PM TO BILL: Kenneth Springer

NAME OF TS TO BILL: Kenneth Springer

☑ SHELL RATES ☐ STATE REIMBURSEMENT RATES

INCIDENT # (S&E ONLY): 3 0 0 1 0 8

SAP or CRMT # (TS/CRMT):

DATE: 30-Jun-06

PAGE: 1 of 1

Invoice with _____ sampling events for this site, sampled through the following date: _____

CONSULTANT COMPANY: Conestoga-Rovers and Associates

ADDRESS: 2135 South Loop 250 West

CITY: Midland, Texas 79703

TELEPHONE: 432-686-0086 FAX: 432-686-0186 E-MAIL: jkindley@craworld.com

SITE ADDRESS (Street and City): Penrose A - Winnie Kennan

PROJECT CONTACT (Report to): Jeffrey Kindley (Copy to): Kenneth Springer

CONSULTANT PROJECT NO.: 044041

Cory Coleman

LAB USE ONLY

TURNAROUND TIME (CALENDAR DAYS):

☑ STANDARD (10 DAY) ☐ 5 DAYS ☐ 3 DAYS ☐ 2 DAYS ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND

TEMPERATURE ON RECEIPT C°

SPECIAL INSTRUCTIONS OR NOTES :

REQUESTED ANALYSIS if more than one method is listed, circle one

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	PRESERVATIVE HCL	HNO3	H2SO4	NONE	OTHER	NO. OF CONT.	BTEX 8260	PAH 8270	Temp	Container PID Readings or Laboratory Notes
	MW-2	6/30/06	1015	H2O	x			x		4	x	x		NPG0120-01
	MW-3	6/30/06	1045	H2O	x			x		4	x	x		-02
	MW-4	6/30/06	1120	H2O	x			x		4	x	x		-03
	MW-5	6/30/06	1145	H2O	x			x		4	x	x		-04
	TRIP			H2O	x			x		1	x			-05
	TEMP			H2O				x		1			x	

	Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
1	Jeffrey Kindley / June 30, 2006 1900 hrs			
2				
3			7/1/06	8:00

DISTRIBUTION: White with final report, Green to File, Yellow and Pink to Client.

05/1/01 Revision

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

October 17, 2006

Client: Conestoga-Rovers & Asso. (Midland) / SHELL (13725)
2135 S. Loop 250 West
Midland, TX 79703
Attn: James F. Kennedy

Work Order: NPJ0533
Project Name: Penrose A Kennan
Project Nbr: SAP /044041
P/O Nbr: 300108
Date Received: 10/05/06

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
MW210306	NPJ0533-01	10/03/06 12:37
MW310306	NPJ0533-02	10/03/06 13:42
MW410306	NPJ0533-03	10/03/06 14:42
MW510306	NPJ0533-04	10/03/06 15:55
Trip	NPJ0533-05	10/03/06 00:01

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. Any opinions, if expressed, are outside the scope of the Laboratory's accredidation.

The Chain(s) of Custody, 3 pages, are included and are an integral part of this report.

Report Approved By:

Dorothy P Roberts

Dorothy Roberts
Project Management

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client Conestoga-Rovers & Asso. (Midland) / SHELL (13725)
2135 S. Loop 250 West
Midland, TX 79703
Attn James F. Kennedy

Work Order: NPJ0533
Project Name: Penrose A Kennan
Project Number: SAP /044041
Received: 10/05/06 08:10

ANALYTICAL REPORT

Parameter	Result	Flag	Units	ADJ MQL	SQL	Dil Factor	Analysis Date/Time	Method	Analys	Batch	UNADJ MQL
Sample ID: NPJ0533-01 (MW210306 - Water) Sampled: 10/03/06 12:37											
Polyaromatic Hydrocarbons by EPA 8270C											
Acenaphthene	<1.58		ug/L	1.98	1.58	1	10/14/06 07:06	SW846 8270C	JLS	6101362	2.000
Acenaphthylene	<1.49		ug/L	1.98	1.49	1	10/14/06 07:06	SW846 8270C	JLS	6101362	2.000
Anthracene	<0.891		ug/L	1.98	0.891	1	10/14/06 07:06	SW846 8270C	JLS	6101362	2.000
Benzo (a) anthracene	<1.09		ug/L	1.98	1.09	1	10/14/06 07:06	SW846 8270C	JLS	6101362	2.000
Benzo (a) pyrene	<0.891		ug/L	1.98	0.891	1	10/14/06 07:06	SW846 8270C	JLS	6101362	2.000
Benzo (b) fluoranthene	<1.68		ug/L	1.98	1.68	1	10/14/06 07:06	SW846 8270C	JLS	6101362	2.000
Benzo (g,h,i) perylene	<0.792		ug/L	1.98	0.792	1	10/14/06 07:06	SW846 8270C	JLS	6101362	2.000
Benzo (k) fluoranthene	<1.49		ug/L	1.98	1.49	1	10/14/06 07:06	SW846 8270C	JLS	6101362	2.000
Chrysene	<0.990		ug/L	1.98	0.990	1	10/14/06 07:06	SW846 8270C	JLS	6101362	2.000
Dibenz (a,h) anthracene	<0.990		ug/L	1.98	0.990	1	10/14/06 07:06	SW846 8270C	JLS	6101362	2.000
Fluoranthene	<1.19		ug/L	1.98	1.19	1	10/14/06 07:06	SW846 8270C	JLS	6101362	2.000
Fluorene	<1.19		ug/L	1.98	1.19	1	10/14/06 07:06	SW846 8270C	JLS	6101362	2.000
Indeno (1,2,3-cd) pyrene	<0.990		ug/L	1.98	0.990	1	10/14/06 07:06	SW846 8270C	JLS	6101362	2.000
Naphthalene	<1.49		ug/L	1.98	1.49	1	10/14/06 07:06	SW846 8270C	JLS	6101362	2.000
Phenanthrene	<1.19		ug/L	1.98	1.19	1	10/14/06 07:06	SW846 8270C	JLS	6101362	2.000
Pyrene	<1.09		ug/L	1.98	1.09	1	10/14/06 07:06	SW846 8270C	JLS	6101362	2.000
Surr: Terphenyl-d14 (31-111%)	*62 %*										
Surr: 2-Fluorobiphenyl (33-101%)	*82 %*										
Surr: Nitrobenzene-d5 (31-112%)	*101 %*										
Extractable Petroleum Hydrocarbons											
C6-C12	<1700		ug/L	5000	1700	1	10/14/06 22:04	TX1005	bay	6101052	5,000.000
>C12-C28	<1400		ug/L	5000	1400	1	10/14/06 22:04	TX1005	bay	6101052	5,000.000
>C28-C35	<1400		ug/L	5000	1400	1	10/14/06 22:04	TX1005	bay	6101052	5,000.000
Surr: C-30 (70-130%)	*108 %*										
Sample ID: NPJ0533-02 (MW310306 - Water) Sampled: 10/03/06 13:42											
Polyaromatic Hydrocarbons by EPA 8270C											
Acenaphthene	<1.58		ug/L	1.98	1.58	1	10/14/06 07:29	SW846 8270C	JLS	6101362	2.000
Acenaphthylene	<1.49		ug/L	1.98	1.49	1	10/14/06 07:29	SW846 8270C	JLS	6101362	2.000
Anthracene	<0.891		ug/L	1.98	0.891	1	10/14/06 07:29	SW846 8270C	JLS	6101362	2.000
Benzo (a) anthracene	<1.09		ug/L	1.98	1.09	1	10/14/06 07:29	SW846 8270C	JLS	6101362	2.000
Benzo (a) pyrene	<0.891		ug/L	1.98	0.891	1	10/14/06 07:29	SW846 8270C	JLS	6101362	2.000
Benzo (b) fluoranthene	<1.68		ug/L	1.98	1.68	1	10/14/06 07:29	SW846 8270C	JLS	6101362	2.000
Benzo (g,h,i) perylene	<0.792		ug/L	1.98	0.792	1	10/14/06 07:29	SW846 8270C	JLS	6101362	2.000
Benzo (k) fluoranthene	<1.49		ug/L	1.98	1.49	1	10/14/06 07:29	SW846 8270C	JLS	6101362	2.000
Chrysene	<0.990		ug/L	1.98	0.990	1	10/14/06 07:29	SW846 8270C	JLS	6101362	2.000
Dibenz (a,h) anthracene	<0.990		ug/L	1.98	0.990	1	10/14/06 07:29	SW846 8270C	JLS	6101362	2.000
Fluoranthene	<1.19		ug/L	1.98	1.19	1	10/14/06 07:29	SW846 8270C	JLS	6101362	2.000
Fluorene	<1.19		ug/L	1.98	1.19	1	10/14/06 07:29	SW846 8270C	JLS	6101362	2.000
Indeno (1,2,3-cd) pyrene	<0.990		ug/L	1.98	0.990	1	10/14/06 07:29	SW846 8270C	JLS	6101362	2.000
Naphthalene	<1.49		ug/L	1.98	1.49	1	10/14/06 07:29	SW846 8270C	JLS	6101362	2.000
Phenanthrene	<1.19		ug/L	1.98	1.19	1	10/14/06 07:29	SW846 8270C	JLS	6101362	2.000
Pyrene	<1.09		ug/L	1.98	1.09	1	10/14/06 07:29	SW846 8270C	JLS	6101362	2.000
Surr: Terphenyl-d14 (31-111%)	*67 %*										

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client Conestoga-Rovers & Asso. (Midland) / SHELL (13725)
2135 S. Loop 250 West
Midland, TX 79703
Attn James F. Kennedy

Work Order: NPJ0533
Project Name: Penrose A Kennan
Project Number: SAP /044041
Received: 10/05/06 08:10

ANALYTICAL REPORT

Parameter	Result	Flag	Units	ADJ MQL	SQL	Dil Factor	Analysis Date/Time	Method	Analys	Batch	UNADJ MQL
Sample ID: NPJ0533-02 (MW310306 - Water) - cont. Sampled: 10/03/06 13:42											
Polyaromatic Hydrocarbons by EPA 8270C - cont.											
Surr: 2-Fluorobiphenyl (33-101%)	*74 %*										
Surr: Nitrobenzene-d5 (31-112%)	*91 %*										
Extractable Petroleum Hydrocarbons											
C6-C12	<1700		ug/L	5000	1700	1	10/14/06 22:29	TX1005	bay	6101052	5,000.000
>C12-C28	<1400		ug/L	5000	1400	1	10/14/06 22:29	TX1005	bay	6101052	5,000.000
>C28-C35	<1400		ug/L	5000	1400	1	10/14/06 22:29	TX1005	bay	6101052	5,000.000
Surr: C-30 (70-130%)	*109 %*										
Sample ID: NPJ0533-03 (MW410306 - Water) Sampled: 10/03/06 14:42											
Polyaromatic Hydrocarbons by EPA 8270C											
Acenaphthene	<1.58		ug/L	1.98	1.58	1	10/14/06 07:53	SW846 8270C	JLS	6101362	2.000
Acenaphthylene	<1.49		ug/L	1.98	1.49	1	10/14/06 07:53	SW846 8270C	JLS	6101362	2.000
Anthracene	<0.891		ug/L	1.98	0.891	1	10/14/06 07:53	SW846 8270C	JLS	6101362	2.000
Benzo (a) anthracene	<1.09		ug/L	1.98	1.09	1	10/14/06 07:53	SW846 8270C	JLS	6101362	2.000
Benzo (a) pyrene	<0.891		ug/L	1.98	0.891	1	10/14/06 07:53	SW846 8270C	JLS	6101362	2.000
Benzo (b) fluoranthene	<1.68		ug/L	1.98	1.68	1	10/14/06 07:53	SW846 8270C	JLS	6101362	2.000
Benzo (g,h,i) perylene	<0.792		ug/L	1.98	0.792	1	10/14/06 07:53	SW846 8270C	JLS	6101362	2.000
Benzo (k) fluoranthene	<1.49		ug/L	1.98	1.49	1	10/14/06 07:53	SW846 8270C	JLS	6101362	2.000
Chrysene	<0.990		ug/L	1.98	0.990	1	10/14/06 07:53	SW846 8270C	JLS	6101362	2.000
Dibenz (a,h) anthracene	<0.990		ug/L	1.98	0.990	1	10/14/06 07:53	SW846 8270C	JLS	6101362	2.000
Fluoranthene	<1.19		ug/L	1.98	1.19	1	10/14/06 07:53	SW846 8270C	JLS	6101362	2.000
Fluorene	<1.19		ug/L	1.98	1.19	1	10/14/06 07:53	SW846 8270C	JLS	6101362	2.000
Indeno (1,2,3-cd) pyrene	<0.990		ug/L	1.98	0.990	1	10/14/06 07:53	SW846 8270C	JLS	6101362	2.000
Naphthalene	<1.49		ug/L	1.98	1.49	1	10/14/06 07:53	SW846 8270C	JLS	6101362	2.000
Phenanthrene	<1.19		ug/L	1.98	1.19	1	10/14/06 07:53	SW846 8270C	JLS	6101362	2.000
Pyrene	<1.09		ug/L	1.98	1.09	1	10/14/06 07:53	SW846 8270C	JLS	6101362	2.000
Surr: Terphenyl-d14 (31-111%)	*43 %*										
Surr: 2-Fluorobiphenyl (33-101%)	*71 %*										
Surr: Nitrobenzene-d5 (31-112%)	*86 %*										
Extractable Petroleum Hydrocarbons											
C6-C12	<1700		ug/L	5000	1700	1	10/14/06 22:55	TX1005	bay	6101052	5,000.000
>C12-C28	<1400		ug/L	5000	1400	1	10/14/06 22:55	TX1005	bay	6101052	5,000.000
>C28-C35	<1400		ug/L	5000	1400	1	10/14/06 22:55	TX1005	bay	6101052	5,000.000
Surr: C-30 (70-130%)	*106 %*										

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ANALYTICAL TESTING CORPORATION
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Client	Conestoga-Rovers & Asso. (Midland) / SHELL (13725)	Work Order:	NPJ0533
	2135 S. Loop 250 West	Project Name:	Penrose A Kennan
	Midland, TX 79703	Project Number:	SAP /044041
Attn	James F. Kennedy	Received:	10/05/06 08:10

ANALYTICAL REPORT

Parameter	Result	Flag	Units	ADJ MQL	SQL	Dil Factor	Analysis Date/Time	Method	Analys	Batch	UNADJ MQL
Sample ID: NPJ0533-04 (MW510306 - Water) Sampled: 10/03/06 15:55											
Polyaromatic Hydrocarbons by EPA 8270C											
Acenaphthene	<1.60		ug/L	2.00	1.60	1	10/14/06 08:16	SW846 8270C	JLS	6101362	2.000
Acenaphthylene	<1.50		ug/L	2.00	1.50	1	10/14/06 08:16	SW846 8270C	JLS	6101362	2.000
Anthracene	<0.900		ug/L	2.00	0.900	1	10/14/06 08:16	SW846 8270C	JLS	6101362	2.000
Benzo (a) anthracene	<1.10		ug/L	2.00	1.10	1	10/14/06 08:16	SW846 8270C	JLS	6101362	2.000
Benzo (a) pyrene	<0.900		ug/L	2.00	0.900	1	10/14/06 08:16	SW846 8270C	JLS	6101362	2.000
Benzo (b) fluoranthene	<1.70		ug/L	2.00	1.70	1	10/14/06 08:16	SW846 8270C	JLS	6101362	2.000
Benzo (g,h,i) perylene	<0.800		ug/L	2.00	0.800	1	10/14/06 08:16	SW846 8270C	JLS	6101362	2.000
Benzo (k) fluoranthene	<1.50		ug/L	2.00	1.50	1	10/14/06 08:16	SW846 8270C	JLS	6101362	2.000
Chrysene	<1.00		ug/L	2.00	1.00	1	10/14/06 08:16	SW846 8270C	JLS	6101362	2.000
Dibenz (a,h) anthracene	<1.00		ug/L	2.00	1.00	1	10/14/06 08:16	SW846 8270C	JLS	6101362	2.000
Fluoranthene	<1.20		ug/L	2.00	1.20	1	10/14/06 08:16	SW846 8270C	JLS	6101362	2.000
Fluorene	<1.20		ug/L	2.00	1.20	1	10/14/06 08:16	SW846 8270C	JLS	6101362	2.000
Indeno (1,2,3-cd) pyrene	<1.00		ug/L	2.00	1.00	1	10/14/06 08:16	SW846 8270C	JLS	6101362	2.000
Naphthalene	<1.50		ug/L	2.00	1.50	1	10/14/06 08:16	SW846 8270C	JLS	6101362	2.000
Phenanthrene	<1.20		ug/L	2.00	1.20	1	10/14/06 08:16	SW846 8270C	JLS	6101362	2.000
Pyrene	<1.10		ug/L	2.00	1.10	1	10/14/06 08:16	SW846 8270C	JLS	6101362	2.000
Surr: Terphenyl-d14 (31-111%)	*73 %*										
Surr: 2-Fluorobiphenyl (33-101%)	*88 %*										
Surr: Nitrobenzene-d5 (31-112%)	*106 %*										
Extractable Petroleum Hydrocarbons											
C6-C12	<1700		ug/L	5000	1700	1	10/14/06 23:21	TX1005	bay	6101052	5,000.000
>C12-C28	<1400		ug/L	5000	1400	1	10/14/06 23:21	TX1005	bay	6101052	5,000.000
>C28-C35	<1400		ug/L	5000	1400	1	10/14/06 23:21	TX1005	bay	6101052	5,000.000
Surr: C-30 (70-130%)	*110 %*										
Sample ID: NPJ0533-05 (Trip - Water) Sampled: 10/03/06 00:01											
Extractable Petroleum Hydrocarbons											
C6-C12	<1700		ug/L	5000	1700	1	10/14/06 23:47	TX1005	bay	6101052	5,000.000
>C12-C28	<1400		ug/L	5000	1400	1	10/14/06 23:47	TX1005	bay	6101052	5,000.000
>C28-C35	<1400		ug/L	5000	1400	1	10/14/06 23:47	TX1005	bay	6101052	5,000.000
Surr: C-30 (70-130%)	*104 %*										

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Client Conestoga-Rovers & Asso. (Midland) / SHELL (13725)
2135 S. Loop 250 West
Midland, TX 79703
Attn James F. Kennedy

Work Order: NPJ0533
Project Name: Penrose A Kennan
Project Number: SAP /044041
Received: 10/05/06 08:10

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Extracted Vol	Date	Analyst	Extraction Method
Extractable Petroleum Hydrocarbons							
TX1005	6101052	NPJ0533-01	35.00	2.50	10/07/06 09:45	AJK	TX1005/1006
TX1005	6101052	NPJ0533-02	35.00	2.50	10/07/06 09:45	AJK	TX1005/1006
TX1005	6101052	NPJ0533-03	35.00	2.50	10/07/06 09:45	AJK	TX1005/1006
TX1005	6101052	NPJ0533-04	35.00	2.50	10/07/06 09:45	AJK	TX1005/1006
TX1005	6101052	NPJ0533-05	35.00	2.50	10/07/06 09:45	AJK	TX1005/1006
Polyaromatic Hydrocarbons by EPA 8270C							
SW846 8270C	6101362	NPJ0533-01	1010.00	1.00	10/09/06 21:04	LRW	EPA 3510C
SW846 8270C	6101362	NPJ0533-02	1010.00	1.00	10/09/06 21:04	LRW	EPA 3510C
SW846 8270C	6101362	NPJ0533-03	1010.00	1.00	10/09/06 21:04	LRW	EPA 3510C
SW846 8270C	6101362	NPJ0533-04	1000.00	1.00	10/09/06 21:04	LRW	EPA 3510C

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Client	Conestoga-Rovers & Asso. (Midland) / SHELL (13725)	Work Order:	NPJ0533
	2135 S. Loop 250 West	Project Name:	Penrose A Kennan
	Midland, TX 79703	Project Number:	SAP /044041
Attn	James F. Kennedy	Received:	10/05/06 08:10

PROJECT QUALITY CONTROL DATA
Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Polyaromatic Hydrocarbons by EPA 8270C						
6101362-BLK1						
Acenaphthene	<1.60		ug/L	6101362	6101362-BLK1	10/14/06 05:56
Acenaphthylene	<1.50		ug/L	6101362	6101362-BLK1	10/14/06 05:56
Anthracene	<0.900		ug/L	6101362	6101362-BLK1	10/14/06 05:56
Benzo (a) anthracene	<1.10		ug/L	6101362	6101362-BLK1	10/14/06 05:56
Benzo (a) pyrene	<0.900		ug/L	6101362	6101362-BLK1	10/14/06 05:56
Benzo (b) fluoranthene	<1.70		ug/L	6101362	6101362-BLK1	10/14/06 05:56
Benzo (g,h,i) perylene	<0.800		ug/L	6101362	6101362-BLK1	10/14/06 05:56
Benzo (k) fluoranthene	<1.50		ug/L	6101362	6101362-BLK1	10/14/06 05:56
Chrysene	<1.00		ug/L	6101362	6101362-BLK1	10/14/06 05:56
Dibenz (a,h) anthracene	<1.00		ug/L	6101362	6101362-BLK1	10/14/06 05:56
Fluoranthene	<1.20		ug/L	6101362	6101362-BLK1	10/14/06 05:56
Fluorene	<1.20		ug/L	6101362	6101362-BLK1	10/14/06 05:56
Indeno (1,2,3-cd) pyrene	<1.00		ug/L	6101362	6101362-BLK1	10/14/06 05:56
Naphthalene	<1.50		ug/L	6101362	6101362-BLK1	10/14/06 05:56
Phenanthrene	<1.20		ug/L	6101362	6101362-BLK1	10/14/06 05:56
Pyrene	<1.10		ug/L	6101362	6101362-BLK1	10/14/06 05:56
Surrogate: Terphenyl-d14	98%			6101362	6101362-BLK1	10/14/06 05:56
Surrogate: 2-Fluorobiphenyl	75%			6101362	6101362-BLK1	10/14/06 05:56
Surrogate: Nitrobenzene-d5	94%			6101362	6101362-BLK1	10/14/06 05:56
Extractable Petroleum Hydrocarbons						
6101052-BLK1						
C6-C12	<1700		ug/L	6101052	6101052-BLK1	10/13/06 06:55
>C12-C28	<1400		ug/L	6101052	6101052-BLK1	10/13/06 06:55
>C28-C35	<1400		ug/L	6101052	6101052-BLK1	10/13/06 06:55
Surrogate: C-30	118%			6101052	6101052-BLK1	10/13/06 06:55

TestAmerica
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Client	Conestoga-Rovers & Asso. (Midland) / SHELL (13725)	Work Order:	NPJ0533
	2135 S. Loop 250 West	Project Name:	Penrose A Kennan
	Midland, TX 79703	Project Number:	SAP /044041
Attn	James F. Kennedy	Received:	10/05/06 08:10

PROJECT QUALITY CONTROL DATA
LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/ Time
Polyaromatic Hydrocarbons by EPA 8270C								
6101362-BS1								
Acenaphthene	50.0	45.2	MNR1	ug/L	90%	46 - 108	6101362	10/14/06 06:20
Acenaphthylene	50.0	45.4	MNR1	ug/L	91%	47 - 110	6101362	10/14/06 06:20
Anthracene	50.0	48.8	MNR1	ug/L	98%	54 - 123	6101362	10/14/06 06:20
Benzo (a) anthracene	50.0	49.7	MNR1	ug/L	99%	55 - 117	6101362	10/14/06 06:20
Benzo (a) pyrene	50.0	51.4	MNR1	ug/L	103%	54 - 124	6101362	10/14/06 06:20
Benzo (b) fluoranthene	50.0	56.0	MNR1	ug/L	112%	49 - 126	6101362	10/14/06 06:20
Benzo (g,h,i) perylene	50.0	46.0	MNR1	ug/L	92%	42 - 131	6101362	10/14/06 06:20
Benzo (k) fluoranthene	50.0	44.1	MNR1	ug/L	88%	51 - 128	6101362	10/14/06 06:20
Chrysene	50.0	48.7	MNR1	ug/L	97%	54 - 118	6101362	10/14/06 06:20
Dibenz (a,h) anthracene	50.0	49.3	MNR1	ug/L	99%	44 - 131	6101362	10/14/06 06:20
Fluoranthene	50.0	47.6	MNR1	ug/L	95%	57 - 117	6101362	10/14/06 06:20
Fluorene	50.0	47.4	MNR1	ug/L	95%	51 - 111	6101362	10/14/06 06:20
Indeno (1,2,3-cd) pyrene	50.0	48.8	MNR1	ug/L	98%	44 - 132	6101362	10/14/06 06:20
Naphthalene	50.0	37.6	MNR1	ug/L	75%	38 - 95	6101362	10/14/06 06:20
Phenanthrene	50.0	47.3	MNR1	ug/L	95%	55 - 113	6101362	10/14/06 06:20
Pyrene	50.0	54.6	MNR1	ug/L	109%	57 - 117	6101362	10/14/06 06:20
Surrogate: Terphenyl-d14	50.2	49.1			98%	31 - 111	6101362	10/14/06 06:20
Surrogate: 2-Fluorobiphenyl	50.2	38.6			77%	33 - 101	6101362	10/14/06 06:20
Surrogate: Nitrobenzene-d5	50.2	40.2			80%	31 - 112	6101362	10/14/06 06:20
Extractable Petroleum Hydrocarbons								
6101052-BS1								
C6-C12	870	1090		ug/mL	125%	75 - 125	6101052	10/13/06 07:21
>C12-C28	870	937		ug/mL	108%	75 - 125	6101052	10/13/06 07:21
Surrogate: C-30	7140	9520	Z2		133%	70 - 130	6101052	10/13/06 07:21

TestAmerica
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Client	Conestoga-Rovers & Asso. (Midland) / SHELL (13725)	Work Order:	NPJ0533
	2135 S. Loop 250 West	Project Name:	Penrose A Kennan
	Midland, TX 79703	Project Number:	SAP /044041
Attn	James F. Kennedy	Received:	10/05/06 08:10

PROJECT QUALITY CONTROL DATA

LCS Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/ Time
Polyaromatic Hydrocarbons by EPA 8270C												
6101362-BSD1												
Acenaphthene		51.4		ug/L	50.0	103%	46 - 108	13	41	6101362		10/14/06 06:43
Acenaphthylene		51.0		ug/L	50.0	102%	47 - 110	12	33	6101362		10/14/06 06:43
Anthracene		55.8		ug/L	50.0	112%	54 - 123	13	38	6101362		10/14/06 06:43
Benzo (a) anthracene		57.2		ug/L	50.0	114%	55 - 117	14	35	6101362		10/14/06 06:43
Benzo (a) pyrene		59.4		ug/L	50.0	119%	54 - 124	14	37	6101362		10/14/06 06:43
Benzo (b) fluoranthene		54.6		ug/L	50.0	109%	49 - 126	3	37	6101362		10/14/06 06:43
Benzo (g,h,i) perylene		54.4		ug/L	50.0	109%	42 - 131	17	36	6101362		10/14/06 06:43
Benzo (k) fluoranthene		50.5		ug/L	50.0	101%	51 - 128	14	40	6101362		10/14/06 06:43
Chrysene		56.0		ug/L	50.0	112%	54 - 118	14	35	6101362		10/14/06 06:43
Dibenz (a,h) anthracene		57.1		ug/L	50.0	114%	44 - 131	15	41	6101362		10/14/06 06:43
Fluoranthene		54.1		ug/L	50.0	108%	57 - 117	13	34	6101362		10/14/06 06:43
Fluorene		53.9		ug/L	50.0	108%	51 - 111	13	36	6101362		10/14/06 06:43
Indeno (1,2,3-cd) pyrene		55.2		ug/L	50.0	110%	44 - 132	12	41	6101362		10/14/06 06:43
Naphthalene		42.4		ug/L	50.0	85%	38 - 95	12	44	6101362		10/14/06 06:43
Phenanthrene		53.6		ug/L	50.0	107%	55 - 113	12	39	6101362		10/14/06 06:43
Pyrene		62.9	L	ug/L	50.0	126%	57 - 117	14	35	6101362		10/14/06 06:43
Surrogate: Terphenyl-d14		55.7		ug/L	50.2	111%	31 - 111			6101362		10/14/06 06:43
Surrogate: 2-Fluorobiphenyl		43.2		ug/L	50.2	86%	33 - 101			6101362		10/14/06 06:43
Surrogate: Nitrobenzene-d5		46.0		ug/L	50.2	92%	31 - 112			6101362		10/14/06 06:43
Extractable Petroleum Hydrocarbons												
6101052-BSD1												
C6-C12		1100	L	ug/mL	870	126%	75 - 125	0.9	20	6101052		10/13/06 07:47
>C12-C28		994		ug/mL	870	114%	75 - 125	6	20	6101052		10/13/06 07:47
Surrogate: C-30		10800	Z2	ug/L	7140	151%	70 - 130			6101052		10/13/06 07:47

TestAmerica
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Client	Conestoga-Rovers & Asso. (Midland) / SHELL (13725)	Work Order:	NPJ0533
	2135 S. Loop 250 West	Project Name:	Penrose A Kennan
	Midland, TX 79703	Project Number:	SAP /044041
Attn	James F. Kennedy	Received:	10/05/06 08:10

PROJECT QUALITY CONTROL DATA
Matrix Spike

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/ Time
Extractable Petroleum Hydrocarbons										
6101052-MS1										
C6-C12	1.70	1190	M7	ug/mL	870	137%	75 - 125	6101052	NPJ0278-01	10/13/06 08:13
>C12-C28	0.682	1110	M7	ug/mL	870	128%	75 - 125	6101052	NPJ0278-01	10/13/06 08:13
Surrogate: C-30		11100	Z2	ug/L	7140	155%	70 - 130	6101052	NPJ0278-01	10/13/06 08:13

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2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Conestoga-Rovers & Asso. (Midland) / SHELL (13725)	Work Order:	NPJ0533
	2135 S. Loop 250 West	Project Name:	Penrose A Kennan
	Midland, TX 79703	Project Number:	SAP /044041
Attn	James F. Kennedy	Received:	10/05/06 08:10

CERTIFICATION SUMMARY

TestAmerica - Nashville, TN

Method	Matrix	AIHA	Nelac	Texas
SW846 8270C	Water	N/A	X	X
TX1005	Water	N/A	X	X

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Conestoga-Rovers & Asso. (Midland) / SHELL (13725)	Work Order:	NPJ0533
	2135 S. Loop 250 West	Project Name:	Penrose A Kennan
	Midland, TX 79703	Project Number:	SAP /044041
Attn	James F. Kennedy	Received:	10/05/06 08:10

NELAC CERTIFICATION SUMMARY

TestAmerica Analytical - Nashville does not hold NELAC certifications for the following analytes included in this report

Method	Matrix	Analyte

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Conestoga-Rovers & Asso. (Midland) / SHELL (13725)	Work Order:	NPJ0533
	2135 S. Loop 250 West	Project Name:	Penrose A Kennan
	Midland, TX 79703	Project Number:	SAP /044041
Attn	James F. Kennedy	Received:	10/05/06 08:10

DATA QUALIFIERS AND DEFINITIONS

L	Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above the acceptance limits. Analyte not detected, data not impacted.
M7	The MS and/or MSD were above the acceptance limits. See Blank Spike (LCS).
MNR1	There was no MS/MSD analyzed with this batch due to insufficient sample volume. See Blank Spike.
Z2	Surrogate recovery was above the acceptance limits. Data not impacted.

METHOD MODIFICATION NOTES

TEST AMERICA

☑ 2690 FOSTER CREIGHTON, NASHVILLE, TN 37204 PHONE 800-765-0980 FAX# 616-726-3404

☐ 7602 Commerce Drive, Watertown, WI 53094 Phone 800-833-7036

☐ 704 Enterprise Drive, Cedar Falls, IA 50613 Phone 319-277-2401

☐ 14500 Trinity Blvd., Suite 106, Fort Worth, TX 76155 Phone 817-571-6800

☐ 3601 South Dixie Drive, Dayton, OH 46439 Phone 800-572-9839

☐ 1380 Busch Parkway, Buffalo Grove, IL 60089 Phone 847-808-7766

☐ 1110 Elkton Drive, Suite A, Colorado Springs, CO 80907 Phone 719-593-9911

☐ Other _____

Shell Oil Products US Chain Of Custody Record

SOP US Project Manager to be Invoiced:

☑ ENVIRONMENTAL SERVICES
☐ TECHNICAL SERVICES
☐ RMT HOUSTON
☐ BILL CONSULTANT

NAME OF PM TO BILL: James Kennedy

NAME OF TS TO BILL: Kenneth Springer

☑ SHELL RATES ☐ STATE REIMBURSEMENT RATES

INCIDENT # (S&E ONLY): 3 0 0 1 0 8

SAP or CRMT # (TS/CRMT):

DATE: 3-Oct-06

PAGE: 1 of 1

Invoice with _____ sampling events for this site sampled through the following date: _____

CONSULTANT COMPANY: Conestoga-Rovers and Associates

ADDRESS: 2135 South Loop 250 West

CITY: Midland, Texas 79703

TELEPHONE: 432-686-0086 FAX: 432-686-0186 E-MAIL: lkennedy@craworld.com

SITE ADDRESS (Street and City): Midland Tank Farm, Midland, Texas

PROJECT CONTACT (Report to): James Kennedy (Copy to): James Kennedy/Mark Philliber

CONSULTANT PROJECT NO.: 044041

LAB USE ONLY

TURNAROUND TIME (CALENDAR DAYS):
☑ STANDARD (10 DAY) ☐ 5 DAYS ☐ 3 DAYS ☐ 2 DAYS ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND

TEMPERATURE ON RECEIPT C°

SPECIAL INSTRUCTIONS OR NOTES :

REQUESTED ANALYSIS If more than one method is listed, circle one

NPJ0533
10/19/06 23:59

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	PRESERVATIVE HCL	HNO3	H2SO4	NONE	OTHER	NO. OF CONT.	PAH	TPH TX 1005 EXT	Temperature	Container PID Readings or Laboratory Notes
	MW210306	10/3/06	1237	Water	x			x		5	x	x		-01
	MW310306	10/3/06	1342	Water	x			x		5	x	x		-02
	MW410306	10/3/06	1442	Water	x			x		5	x	x		-03
	MW510306	10/3/06	1555	Water	x			x		5	x	x		-04
	TRIP			Water				x		1		x		-05
	TEMP			Water				x		1			x	

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
James Kennedy 10-4-06/1600			
	Willie Hall	10/5/06	8:10

DISTRIBUTION: White with final report. Green to File, Yellow and Pink to Client.

05/1/01 Revision

TestAmerica
ANALYTICAL TESTING CORPORATION

Nashville Division

COOLER RECEIPT FORM **BC#** NPJ0533

Cooler Received/Opened On_10/5/06_@_08:10_

1. Indicate the Airbill Tracking Number (last 4 digits for Fedex only) and Name of Courier below: 9414

(Fed-Ex) UPS Velocity DHL Route Off-street Misc.

2. Temperature of representative sample or temperature blank when opened: 1.3 Degrees Celsius
(indicate IR Gun ID#)

NA (A00466) A00750 A01124 100190 101282 Raynger ST

3. Were custody seals on outside of cooler?..... (YES)..NO...NA

a. If yes, how many and where: (1) Front

4. Were the seals intact, signed, and dated correctly?..... (YES)..NO...NA

5. Were custody papers inside cooler?..... (YES)...NO...NA

I certify that I opened the cooler and answered questions 1-5 (intial)..... [initials]

6. Were custody seals on containers: YES NO and Intact YES NO NA

were these signed, and dated correctly?..... (YES)..NO...NA

7. What kind of packing material used? (Bubblewrap) Peanuts Vermiculite Foam Insert

(Plastic bag) Paper Other_____ None

8. Cooling process: (Ice) Ice-pack Ice (direct contact) Dry ice Other None

9. Did all containers arrive in good condition (unbroken)?..... (YES)..NO...NA

10. Were all container labels complete (#, date, signed, pres., etc)?..... (YES)..NO...NA

11. Did all container labels and tags agree with custody papers?..... (YES)..NO...NA

12. a. Were VOA vials received?..... (YES)..NO...NA

b. Was there any observable head space present in any VOA vial?..... YES..(NO)..NA

I certify that I unloaded the cooler and answered questions 6-12 (intial)..... [initials]

13. a. On preserved bottles did the pH test strips suggest that preservation reached the correct pH level? YES...NO...(NA)

b. Did the bottle labels indicate that the correct preservatives were used..... (YES)..NO...NA

If preservation in-house was needed, record standard ID of preservative used here_____

14. Was residual chlorine present?..... YES..(NO)..NA

I certify that I checked for chlorine and pH as per SOP and answered questions 13-14 (intial)..... [initials]

15. Were custody papers properly filled out (ink, signed, etc)?..... (YES)..NO...NA

16. Did you sign the custody papers in the appropriate place?..... (YES)..NO...NA

17. Were correct containers used for the analysis requested?..... (YES)..NO...NA

18. Was sufficient amount of sample sent in each container?..... (YES)..NO...NA

I certify that I entered this project into LIMS and answered questions 15-18 (intial)..... [initials]

I certify that I attached a label with the unique LIMS number to each container (intial)..... [initials]

19. Were there Non-Conformance issues at login (YES) NO Was a PIPE generated (YES) NO # 39876

[initials] 10/5/06

BIS = Broken in shipment
Cooler Receipt Form

LF-1
End of Form

Revised 3/9/06

TestAmerica
INCORPORATED

Sample NonConformance/COC Revision Form

Initiated by:	wschwab	**Phone:**	(432) 686-0086	NC Closed	☑
Client Name:	Conestoga-Rovers	**Sample Range:**		Date Closed	10/6/2006
Client Contact:	James Kennedy	**SDG:**	NPJ 0533		
Client Account:	13725	**Analyst:**			
Date Created:	10/5/2006	**Supervisor:**	Paul Buckingham		
NC #:		**NC Type:**	NC Analytical 1		
Project Name:	Penrose A / Kennan	**Terminal Manager:**	Art Greeley		
Project Number:					
Project Origin	TX				
Regulatory :					

Process:: Verify analysis/method/compound requested — **Corrected By:** Dorothy Roberts

Action: Analytical Method Number provided in Comments — **Closed:** ☑ mhollingsworth

Comments:

Comment added by: mhollingsworth on 10/6/2006 8:17:37 AM
NC closed with out comments

****

Comment added by: mhollingsworth on 10/6/2006 8:17:24 AM
The project is to be Penrose A Kennan (see email below), and the PAH method is the standard 8270C (this has already been added to the proper samples).

From: Kennedy, James [mailto:jkennedy@craworld.com]
Sent: Thursday, October 05, 2006 4:54 PM
To: Mark Hollingsworth
Cc: Kennedy, James
Subject: Penrose A/ Kennan
Importance: High

Mr. Hollingsworth,
Please change the name on the COC from Midland Tank Farm to Penrose A /Kennan and the correct project Number is 044041.
Regards,
James Kennedy

James F. Kennedy
Conestoga-Rovers & Associates
2135 S. Loop 250 West
Midland, Texas 79703

****

There is no PAH analysis listed on the COC. The work analysis includes both 8270 and 8310 PAH. Which PAH analysis is the client going to run? Upon verification of this nonconformance, please add the required test in element to this work order.

TestAmerica
ANALYTICAL TESTING CORPORATION
9830 South 51st Street, Suite B-120, Phoenix, AZ 85044 (480) 785-0043 Fax:(480) 785-0851

LABORATORY REPORT

Prepared For: URS - Phoenix - Shell
7720 N. 16th Street Suite 100
Phoenix, AZ 85020
Attention: Iain Olness

Project: Kennan Penrose A
300108/7105335

Sampled: 12/28/06
Received: 12/29/06
Issued: 01/15/07 15:44

NELAP #01109CA Arizona DHS#AZ0426

The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the applicable certifications as noted. All soil samples are reported on a wet weight basis unless otherwise noted in the report. This Laboratory Report is confidential and is intended for the sole use of TestAmerica and its client. This report shall not be reproduced, except in full, without written permission from TestAmerica. The Chain of Custody, 1 page, is included and is an integral part of this report.
This entire report was reviewed and approved for release.

CASE NARRATIVE

LABORATORY ID	CLIENT ID	MATRIX
PPL0766-01	MW-2	Water
PPL0766-02	MW-3	Water
PPL0766-03	MW-4	Water
PPL0766-04	MW-5	Water
PPL0766-05	Trip Blank	Water

SAMPLE RECEIPT: Samples were received intact, at 3°C, on ice and with chain of custody documentation.

HOLDING TIMES: All samples were analyzed within prescribed holding times and/or in accordance with the TestAmerica Sample Acceptance Policy unless otherwise noted in the report.

PRESERVATION: Samples requiring preservation were verified prior to sample analysis.

QA/QC CRITERIA: All analyses met method criteria, except as noted in the report with data qualifiers.

COMMENTS: No significant observations were made.

SUBCONTRACTED: No analyses were subcontracted to an outside laboratory.

Reviewed By:

Tina Paulauskas

TestAmerica - Phoenix, AZ
Tina Paulauskas
Project Manager

TestAmerica
ANALYTICAL TESTING CORPORATION
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URS - Phoenix - Shell
7720 N. 16th Street Suite 100
Phoenix, AZ 85020
Attention: Iain Olness

Project ID: Kennan Penrose A
300108/7105335
Report Number: PPL0766

Sampled: 12/28/06
Received: 12/29/06

BTEX BY GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: PPL0766-01 (MW-2 - Water)								
Reporting Units: ug/l								
Benzene	EPA 8260B	P7A0419	1.0	**11**	1	1/4/2007	1/5/2007	
Ethylbenzene	EPA 8260B	P7A0419	2.0	ND	1	1/4/2007	1/5/2007	
Toluene	EPA 8260B	P7A0419	2.0	ND	1	1/4/2007	1/5/2007	
Xylenes, Total	EPA 8260B	P7A0419	3.0	ND	1	1/4/2007	1/5/2007	
Surrogate: Dibromofluoromethane (80-130%)				*107 %*				
Surrogate: Toluene-d8 (80-120%)				*104 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*97 %*				
Sample ID: PPL0766-02 (MW-3 - Water)								
Reporting Units: ug/l								
Benzene	EPA 8260B	P7A0419	1.0	**4.8**	1	1/4/2007	1/5/2007	
Ethylbenzene	EPA 8260B	P7A0419	2.0	ND	1	1/4/2007	1/5/2007	
Toluene	EPA 8260B	P7A0419	2.0	ND	1	1/4/2007	1/5/2007	
Xylenes, Total	EPA 8260B	P7A0419	3.0	ND	1	1/4/2007	1/5/2007	
Surrogate: Dibromofluoromethane (80-130%)				*109 %*				
Surrogate: Toluene-d8 (80-120%)				*104 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*97 %*				
Sample ID: PPL0766-03 (MW-4 - Water)								
Reporting Units: ug/l								
Benzene	EPA 8260B	P7A0802	1.0	ND	1	1/5/2007	1/5/2007	
Ethylbenzene	EPA 8260B	P7A0802	2.0	ND	1	1/5/2007	1/5/2007	
Toluene	EPA 8260B	P7A0802	2.0	ND	1	1/5/2007	1/5/2007	
Xylenes, Total	EPA 8260B	P7A0802	3.0	ND	1	1/5/2007	1/5/2007	
Surrogate: Dibromofluoromethane (80-130%)				*98 %*				
Surrogate: Toluene-d8 (80-120%)				*103 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*98 %*				

TestAmerica - Phoenix, AZ
Tina Paulauskas
Project Manager

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URS - Phoenix - Shell
7720 N. 16th Street Suite 100
Phoenix, AZ 85020
Attention: Iain Olness

Project ID: Kennan Penrose A
300108/7105335
Report Number: PPL0766

Sampled: 12/28/06
Received: 12/29/06

BTEX BY GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: PPL0766-04 (MW-5 - Water)								
Reporting Units: ug/l								
Benzene	EPA 8260B	P7A0802	1.0	**4.0**	1	1/5/2007	1/5/2007	
Ethylbenzene	EPA 8260B	P7A0802	2.0	ND	1	1/5/2007	1/5/2007	
Toluene	EPA 8260B	P7A0802	2.0	ND	1	1/5/2007	1/5/2007	
Xylenes, Total	EPA 8260B	P7A0802	3.0	ND	1	1/5/2007	1/5/2007	
Surrogate: Dibromofluoromethane (80-130%)				*102 %*				
Surrogate: Toluene-d8 (80-120%)				*104 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*98 %*				
Sample ID: PPL0766-05 (Trip Blank - Water)								
Reporting Units: ug/l								
Benzene	EPA 8260B	P7A0802	1.0	ND	1	1/5/2007	1/5/2007	
Ethylbenzene	EPA 8260B	P7A0802	2.0	ND	1	1/5/2007	1/5/2007	
Toluene	EPA 8260B	P7A0802	2.0	ND	1	1/5/2007	1/5/2007	
Xylenes, Total	EPA 8260B	P7A0802	3.0	ND	1	1/5/2007	1/5/2007	
Surrogate: Dibromofluoromethane (80-130%)				*102 %*				
Surrogate: Toluene-d8 (80-120%)				*103 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*101 %*				

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Phoenix, AZ 85020
Attention: Iain Olness

Project ID: Kennan Penrose A
300108/7105335
Report Number: PPL0766

Sampled: 12/28/06
Received: 12/29/06

METHOD BLANK/QC DATA

BTEX BY GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: P7A0419 Extracted: 01/04/07										
Blank Analyzed: 01/04/2007 (P7A0419-BLK1)										
Benzene	ND	1.0	ug/l							
Ethylbenzene	ND	2.0	ug/l							
Toluene	ND	2.0	ug/l							
Xylenes, Total	ND	3.0	ug/l							
Surrogate: Dibromofluoromethane	*23.7*		*ug/l*	*25.0*		*95*	*80-130*			
Surrogate: Toluene-d8	*25.7*		*ug/l*	*25.0*		*103*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*24.2*		*ug/l*	*25.0*		*97*	*80-120*			
LCS Analyzed: 01/04/2007 (P7A0419-BS1)										
Benzene	22.9	1.0	ug/l	25.0		92	80-120			
Ethylbenzene	26.0	2.0	ug/l	25.0		104	80-125			
Toluene	23.0	2.0	ug/l	25.0		92	80-125			
Xylenes, Total	49.8	3.0	ug/l	50.0		100	80-125			
Surrogate: Dibromofluoromethane	*22.7*		*ug/l*	*25.0*		*91*	*80-130*			
Surrogate: Toluene-d8	*25.6*		*ug/l*	*25.0*		*102*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*25.1*		*ug/l*	*25.0*		*100*	*80-120*			
LCS Dup Analyzed: 01/04/2007 (P7A0419-BSD1)										
Benzene	22.4	1.0	ug/l	25.0		90	80-120	2	10	
Ethylbenzene	25.2	2.0	ug/l	25.0		101	80-125	3	15	
Toluene	22.5	2.0	ug/l	25.0		90	80-125	2	10	
Xylenes, Total	48.6	3.0	ug/l	50.0		97	80-125	2	15	
Surrogate: Dibromofluoromethane	*23.1*		*ug/l*	*25.0*		*92*	*80-130*			
Surrogate: Toluene-d8	*26.0*		*ug/l*	*25.0*		*104*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*25.6*		*ug/l*	*25.0*		*102*	*80-120*			
Matrix Spike Analyzed: 01/04/2007 (P7A0419-MS1)					**Source: PPL0695-04RE1**					
Benzene	242	10	ug/l	250	13	92	80-125			
Ethylbenzene	301	20	ug/l	250	44	103	80-130			
Toluene	232	20	ug/l	250	ND	93	80-130			
Xylenes, Total	513	30	ug/l	500	4.7	102	80-125			
Surrogate: Dibromofluoromethane	*25.8*		*ug/l*	*25.0*		*103*	*80-130*			
Surrogate: Toluene-d8	*25.9*		*ug/l*	*25.0*		*104*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*26.8*		*ug/l*	*25.0*		*107*	*80-120*			

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Attention: Iain Olness

Project ID: Kennan Penrose A
300108/7105335
Report Number: PPL0766

Sampled: 12/28/06
Received: 12/29/06

METHOD BLANK/QC DATA

BTEX BY GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: P7A0419 Extracted: 01/04/07										
Matrix Spike Dup Analyzed: 01/04/2007 (P7A0419-MSD1)					**Source: PPL0695-04RE1**					
Benzene	249	10	ug/l	250	13	94	80-125	3	10	
Ethylbenzene	300	20	ug/l	250	44	102	80-130	0	15	
Toluene	241	20	ug/l	250	ND	96	80-130	4	15	
Xylenes, Total	514	30	ug/l	500	4.7	102	80-125	0	15	
Surrogate: Dibromofluoromethane	*25.7*		*ug/l*	*25.0*		*103*	*80-130*			
Surrogate: Toluene-d8	*25.4*		*ug/l*	*25.0*		*102*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*25.9*		*ug/l*	*25.0*		*104*	*80-120*			
Batch: P7A0802 Extracted: 01/05/07										
Blank Analyzed: 01/05/2007 (P7A0802-BLK1)										
Benzene	ND	1.0	ug/l							
Ethylbenzene	ND	2.0	ug/l							
Toluene	ND	2.0	ug/l							
Xylenes, Total	ND	3.0	ug/l							
Surrogate: Dibromofluoromethane	*23.7*		*ug/l*	*25.0*		*95*	*80-130*			
Surrogate: Toluene-d8	*25.6*		*ug/l*	*25.0*		*102*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*23.8*		*ug/l*	*25.0*		*95*	*80-120*			
LCS Analyzed: 01/05/2007 (P7A0802-BS1)										
Benzene	25.2	1.0	ug/l	25.0		101	80-120			
Ethylbenzene	27.6	2.0	ug/l	25.0		110	80-125			
Toluene	24.9	2.0	ug/l	25.0		100	80-125			
Xylenes, Total	53.2	3.0	ug/l	50.0		106	80-125			
Surrogate: Dibromofluoromethane	*23.8*		*ug/l*	*25.0*		*95*	*80-130*			
Surrogate: Toluene-d8	*25.7*		*ug/l*	*25.0*		*103*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*24.8*		*ug/l*	*25.0*		*99*	*80-120*			

TestAmerica - Phoenix, AZ
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URS - Phoenix - Shell
7720 N. 16th Street Suite 100
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Attention: Iain Olness

Project ID: Kennan Penrose A
300108/7105335
Report Number: PPL0766

Sampled: 12/28/06
Received: 12/29/06

METHOD BLANK/QC DATA

BTEX BY GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: P7A0802 Extracted: 01/05/07										
LCS Dup Analyzed: 01/05/2007 (P7A0802-BSD1)										
Benzene	24.3	1.0	ug/l	25.0		97	80-120	4	10	
Ethylbenzene	26.8	2.0	ug/l	25.0		107	80-125	3	15	
Toluene	24.2	2.0	ug/l	25.0		97	80-125	3	10	
Xylenes, Total	51.7	3.0	ug/l	50.0		103	80-125	3	15	
Surrogate: Dibromofluoromethane	*24.0*		*ug/l*	*25.0*		*96*	*80-130*			
Surrogate: Toluene-d8	*26.0*		*ug/l*	*25.0*		*104*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*25.1*		*ug/l*	*25.0*		*100*	*80-120*			
Matrix Spike Analyzed: 01/05/2007 (P7A0802-MS1)					**Source: PPL0766-03**					
Benzene	22.9	1.0	ug/l	25.0	ND	92	80-125			
Ethylbenzene	24.7	2.0	ug/l	25.0	ND	99	80-130			
Toluene	22.8	2.0	ug/l	25.0	ND	91	80-130			
Xylenes, Total	48.8	3.0	ug/l	50.0	ND	98	80-125			
Surrogate: Dibromofluoromethane	*24.8*		*ug/l*	*25.0*		*99*	*80-130*			
Surrogate: Toluene-d8	*26.4*		*ug/l*	*25.0*		*106*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*26.2*		*ug/l*	*25.0*		*105*	*80-120*			
Matrix Spike Dup Analyzed: 01/05/2007 (P7A0802-MSD1)					**Source: PPL0766-03**					
Benzene	21.6	1.0	ug/l	25.0	ND	86	80-125	6	10	
Ethylbenzene	22.8	2.0	ug/l	25.0	ND	91	80-130	8	15	
Toluene	21.4	2.0	ug/l	25.0	ND	86	80-130	6	15	
Xylenes, Total	44.2	3.0	ug/l	50.0	ND	88	80-125	10	15	
Surrogate: Dibromofluoromethane	*24.6*		*ug/l*	*25.0*		*98*	*80-130*			
Surrogate: Toluene-d8	*26.2*		*ug/l*	*25.0*		*105*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*26.2*		*ug/l*	*25.0*		*105*	*80-120*			

TestAmerica - Phoenix, AZ
Tina Paulauskas
Project Manager

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URS - Phoenix - Shell
7720 N. 16th Street Suite 100
Phoenix, AZ 85020
Attention: Iain Olness

Project ID: Kennan Penrose A
300108/7105335
Report Number: PPL0766

Sampled: 12/28/06
Received: 12/29/06

DATA QUALIFIERS AND DEFINITIONS

ND Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified.

RPD Relative Percent Difference

TestAmerica - Phoenix, AZ
Tina Paulauskas
Project Manager

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ANALYTICAL TESTING CORPORATION
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Certification Summary

TestAmerica - Phoenix, AZ

Method	Matrix	Nelac	Arizona
EPA 8260B	Water	X	X

Nevada and NELAP provide analyte specific accreditations. Analyte specific information for TestAmerica may be obtained by contacting the laboratory or visiting our website at www.testamericainc.com

TestAmerica - Phoenix, AZ
Tina Paulauskas
Project Manager

DMCOC

17461 Derian Ave., #100, Irvine, CA 92614 (949) 261-1022 FAX (949) 260-3297
1014 E Cooley Dr., Suite A, Colton, CA 92324 (909) 370-4667 FAX (909) 370-1046
9830 South 51st St., Suite B-120, Phoenix, AZ 85044 (480) 785-0043 FAX (480) 785-0851
2520 E. Sunset Rd #3, Las Vegas, NV 89120 (702) 798-3620 FAX (702) 798-3621

TestAmerica
ANALYTICAL TESTING CORPORATION

CHAIN OF CUSTODY FORM

Page 1 of 1

Client Name/Address:
Environmental Plus.inc
2100AVe .O -PO box 1558
Eunice, NM 88231

Project/PO Number:
URS - Kennann
Penrose A

Project Manager: David Duncan

Phone Number: 505 394-3481

Sampler: Jacob Melancon

Fax Number: 505 394-2601

Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date	Sampling Time	Preservatives	Analysis Required: BTEX	Special Instructions
MW -2	water	clear VOA	3	12/28/06	HCL	7:40	x	PPL0766 - 1
MW - 3	"	" "	3		HCL	8:22	x	- 2
MW -4	"	" "	3		HCL	8:00	x	- 3
MW -5	"	" "	3		HCL	8:41	x	- 4
Trip Blank	water	clear VOA	1	12/28/06	HCL		x	- 5

Relinquished By:	Date/Time:	Received By:	Date/Time:
	12.28.06 / 18:00 CST	FED-EX	12/28/06 @ 1300
Relinquished By:	Date/Time:	Received By:	Date/Time:
		12/29/06	
Relinquished By:	Date/Time:	Received In Lab By:	Date/Time: 09:20
			12/29/06

Turnaround Time: (Check)
same day ____ 72 hours ____
24 hours ____ 5 days ____
48 hours ____ normal ✓

Sample Integrity: (Check)
intact ✓ on ice ✓ 2.6°C

Note: By relinquishing samples to TestAmerica, client agrees to pay for the services requested on this chain of custody form and any additional analyses performed on this project. Payment for services is due within 30 days from the date of invoice. Sample(s) will be disposed of after 30 days.