3R-069

OCTOBER 2011 ANNUAL GROUNDWATER MONITORING REPORT

CONOCOPHILLIPS HAMPTON No. 4M
SAN JUAN COUNTY, NEW MEXICO

API# 30-045-25810
NMOCD# 3R-069

Prepared For:

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1.0 INTRODUCTION

This report details the results of annual groundwater monitoring conducted by Conestoga-Rovers & Associates (CRA) in October 2011 at the ConocoPhillips Company (ConocoPhillips) Hampton No. 4M site (Site) located in Unit Letter N, Section 13, Township 30N, Range 11W, of San Juan County, New Mexico.

The Site is located on federal land approximately ¼ mile south of Hampton Arroyo and 2 miles southeast of Aztec, New Mexico off Hwy 173 on Hampton Canyon Road. The Site consists of a gas well and associated equipment and installations. The location and general features of the Hampton No. 4M site are presented as **Figure 1** and **Figure 2**, respectively.

1.1 BACKGROUND

The Hampton No. 4M gas well was spudded on November 22, 1983 by Southland Royalty Company (Southland). Burlington Resources, Inc. (Burlington) acquired Southland in January of 1996; Burlington was subsequently acquired by ConocoPhillips in March of 2006.

The Public Service Company of New Mexico (PNM) operated a dehydration unit and an unlined earthen pit at the site from 1990 to 1996. Closure of the dehydrator pit revealed impacted soil and groundwater in 1996. While drilling a monitor well upgradient of the former pit in January 1997, impacted groundwater was encountered adjacent to Burlington equipment. A groundwater seep was discovered in April 1997. PNM, Burlington, and the New Mexico Oil Conservation Division (NMOCD) agreed on the installation of a collection trench. In March 2000, the NMOCD named Burlington responsible party of impacts upgradient of the pit, while PNM was named responsible party of impacts downgradient of the pit. Burlington excavated approximately 120 cubic yards of impacted soil from the vicinity of MW-13 and MW-14 in mid-2000, destroying both wells in the process. Maps outlining the excavation area for these activities, as well as a former excavation conducted by Burlington in December 1997 are provided in **Attachment A**. Tetra Tech Inc. (Tetra Tech) began conducting monitoring events at the Site in November 2007. The existing monitor well network consists of 9 wells: MW-1, MW-5, MW-7, MW-9, MW-11, MW-12, MW-15, MW-16, and TMW-1. The groundwater seep is also part of the current program to monitor the progression of natural attenuation at the Site. On June 15, 2011, Site consulting responsibilities were transferred from Tetra Tech to CRA of Albuquerque, NM. A generalized geologic cross section for the Site is provided as **Figure 3**. Detailed Site history is presented in **Table 1**.

2.0 SAMPLING METHODOLOGY AND ANALYTICAL RESULTS

2.1 GROUNDWATER SAMPLING METHODOLOGY

Groundwater Elevation Measurements

On October 11, 2011 groundwater elevation measurements were collected from Monitor Wells MW-1, MW-5, MW-7, MW-9, MW-11, MW-12, MW-15, MW-16, and TMW-1 using an oil/water interface probe. Groundwater elevations are detailed in **Table 2.** A groundwater potentiometric surface map is presented as **Figure 4.** Based on October 2011 monitoring event data, groundwater flow is to the north and is consistent with historic records at this Site.

Groundwater sampling

Monitor Wells MW-1, MW-9, MW-12, and MW-15 were sampled on October 4, 2011. Monitor Well MW-11 was sampled on October 11, 2011 and Monitor Well MW-5 was sampled on October 12, 2011. Monitor Well MW-7 and the groundwater seep were dry and TMW-1 did not have sufficient water for collection of a sample. MW-16 was not sampled due to the presence of approximately 0.6 feet of a light non-aqueous phase liquid (LNAPL).

Approximately three well volumes were purged from each monitor well with a 1.5 inch dedicated polyethylene disposable bailer prior to sampling. Purge water was disposed of in the Site produced water tank. The Groundwater samples were placed in laboratory prepared bottles, packed on ice, and shipped under chain-of-custody documentation to Pace Analytical Services, Inc. of Lenexa, KS. Samples were analyzed for the presence of benzene, toluene, ethylbenzene, and xylenes (BTEX) by Environmental Protection Agency (EPA) Method 8260B. CRA groundwater sampling field forms are included as **Appendix A.**

2.2 GROUNDWATER ANALYTICAL RESULTS

The New Mexico Water Quality Control Commission (NMWQCC) mandates that groundwater quality in New Mexico be protected, and has issued groundwater quality standards in Title 20, Chapter 6, Part 2, Section 3103 of the New Mexico Administrative Code (20.6.2.3103 NMAC). Groundwater quality standards have been set for the protection of human health, domestic water supply, and irrigation use. Exceedences of NMWQCC groundwater quality standards in Site monitor wells are discussed below. Results are summarized in **Table 3**. The corresponding laboratory analytical report for the October 2011 sampling event is included as **Appendix B**.

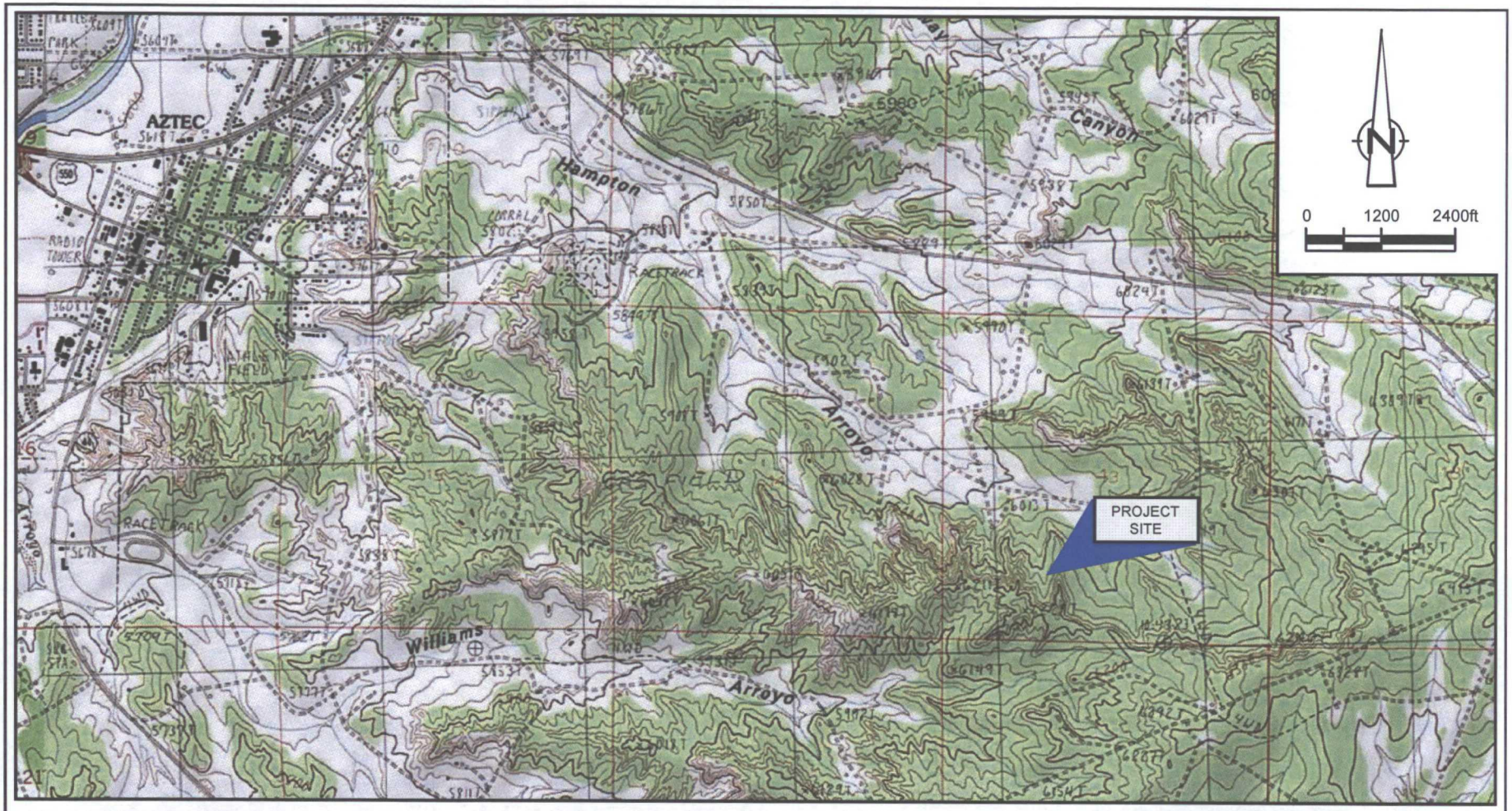
- **Benzene**
    - The NMWQCC standard for benzene is 0.010 milligrams per liter (mg/L). The groundwater sample collected from MW-5 during October 2011 contained benzene at a concentration of 0.0652 mg/L; the groundwater sample collected from MW-12 contained a concentration of 0.494 mg/L.
- **Toluene**
    - The NMWQCC standard for toluene is 0.750 milligrams per liter (mg/L). The groundwater sample collected from MW-5 contained a concentration of toluene of 1.22 mg/L.
- **Total Xylenes**
    - The NWQCC standard for total xylenes is 0.620 mg/L. The groundwater sample collected from MW-5 contained total xylenes at a concentration of 3.21 mg/L.

3.0 CONCLUSIONS AND RECOMMENDATIONS

Groundwater samples collected from MW-5 and MW-12 have consistently exceeded NMWQCC groundwater quality standards for BTEX constituents since monitoring began at the Site. LNAPL was encountered in MW-16 on both October 4 and October 11, 2011. CRA replaced two saturated oil absorbent socks in MW-16 on October 4, 2011 after bailing approximately one gallon of free product from the well. The oil absorbent socks were again removed on October 11, 2011 after they were found to be saturated. Due to the rapidity of saturation, the oil absorbent socks were not replaced.

CRA recommends continued annual groundwater sampling and free product removal at the Site. Once all monitored groundwater quality parameters approach compliance levels, CRA will begin sampling on a quarterly basis. When eight consecutive quarters of data within compliance levels has been achieved, remediation Site closure will be requested.

FIGURES



SOURCE: USGS 7.5 MINUTE QUAD
"AZTEC, NEW MEXICO"

LAT/LONG: 36.8089° NORTH, 107.9463° WEST
COORDINATE: NAD83 DATUM, U.S. FOOT
STATE PLANE ZONE - NEW MEXICO WEST

Figure 1

SITE LOCATION MAP
HAMPTON No. 4M SITE
SECTION 13, T30N-R11W, AZTEC, NEW MEXICO
ConocoPhillips Company

CRA

074927-95(002)GN-DL001 JAN 06/2012

LAT/LONG: 36.8089° NORTH, 107.9463° WEST
COORDINATE: NAD83 DATUM, U.S. FOOT
STATE PLANE ZONE - NEW MEXICO WEST

LEGEND

- Monitor Well Location
- Seep
- El Paso Gas Pipeline

Figure 2

SITE MAP
HAMPTON No. 4M SITE
SECTION 13, T30N-R11W, AZTEC, NEW MEXICO
ConocoPhillips Company

CRA

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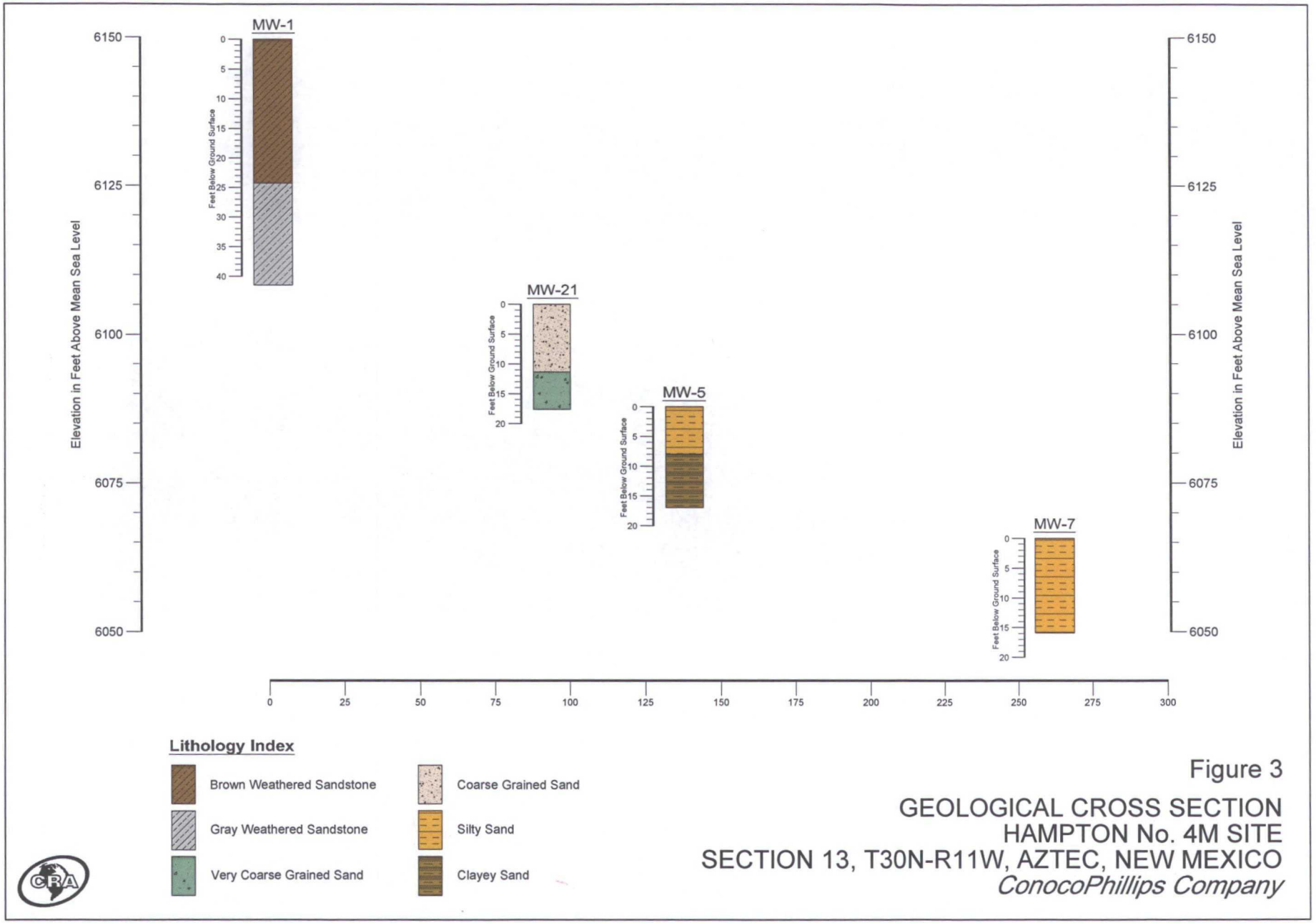

Figure 3

GEOLOGICAL CROSS SECTION
HAMPTON No. 4M SITE
SECTION 13, T30N-R11W, AZTEC, NEW MEXICO
ConocoPhillips Company

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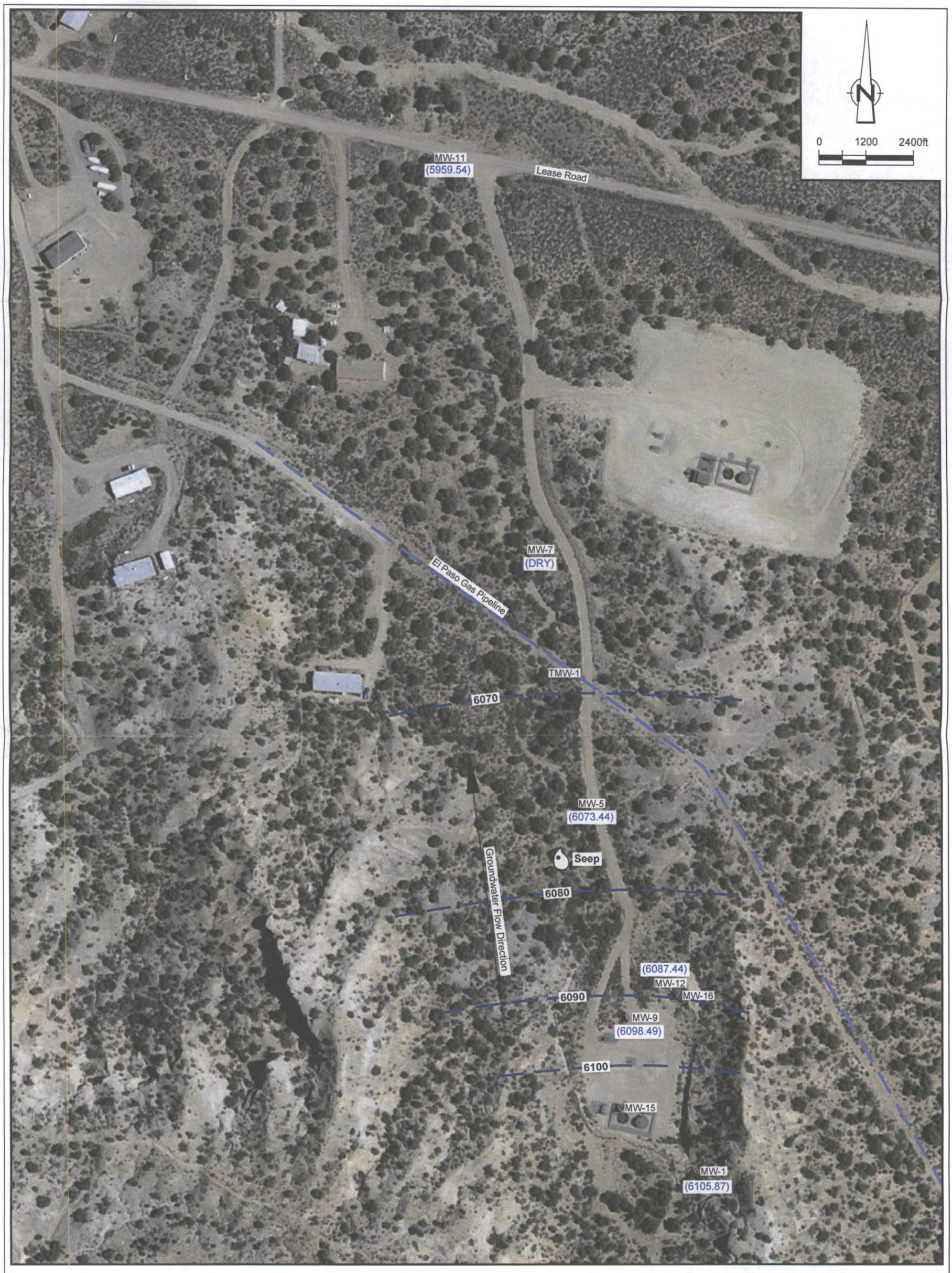

LAT/LONG: 36.8089° NORTH, 107.9463° WEST
COORDINATE: NAD83 DATUM, U.S. FOOT
STATE PLANE ZONE - NEW MEXICO WEST

LEGEND

- Monitor Well Location
- Seep
- El Paso Gas Pipeline
- Groundwater Elevation, Ft
- 6100 — Groundwater Elevation Contour, Ft
- Groundwater Flow Direction

Figure 4

OCTOBER 2011 GROUNDWATER POTENTIOMETRIC SURFACE MAP
HAMPTON No. 4M SITE
SECTION 13, T30N-R11W, AZTEC, NEW MEXICO
ConocoPhillips Company

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TABLES

TABLE 1

SITE HISTORY TIMELINE
CONOCOPHILLIPS COMPANY
HAMPTON No. 4M
SAN JUAN COUNTY, NM

Date	*Event/Action*	*Description/Comments*
11/22/1983	Well Spudded	Hampton No. 4M spudded by Southland Royalty Company (Southland Royalty).
3/1/1990	Operator Change	Southland Royalty entered into an agreement with Gas Company of New Mexico (predecessor to Public Service Company of New Mexico – PNM) to sell production from the Hampton No. 4M well. PNM installed and operated dehydration equipment in the northern-most portion of the site as part of the contract.
6/30/1995	Transfer of Dehydration Equipment Ownership	Williams Field Services purchased the dehydration equipment from PNM.
1/2/1996	Transfer of Well Ownership	Burlington Resources completed the acquisition of Southland Royalty Company.
4/23/1996	Site Assessment	PNM discovered potential hydrocarbon contamination beneath PNM's dehydrator discharge pit during a site assessment. PNM subsequently began pit closure work.
12/16/1996	Site Assessment	PNM discovered hydrocarbon-impacted groundwater while drilling to determine the vertical extent of hydrocarbon contamination beneath a former unlined, earthen dehydrator discharge pit located on the north end of the Hampton No. 4M well pad. Total BTEX in groundwater was 20,620 parts per billion (ug/L) and benzene was 3,840 ug/L.
1/13/1997	NMOCD Notified of Contamination	PNM notified NMOCD in writing of the discovery of groundwater contamination at the site.
1/28/1997	LNAPL Discovered	PNM gauged Monitor Well MW-2 and discovered approximately 4 feet of LNAPL.
1/31/1997	Monitor Well Installation	PNM installed two monitor wells upgradient from PNM's former pit. Impacted groundwater was discovered in the well adjacent to Burlington's equipment.
1/31/1997	Monitor Well Installation	PNM installed MW-3 and MW-4.
4/14/1997	Seep Discovered	During a site visit, Burlington discovered a surface seep north of the well pad with LNAPL discharging to a small drainage area. Burlington notified NMOCD and PNM on the same day.
4/16/1997	On-Site Meeting	Burlington hosted an on-site meeting with PNM and NMOCD to discuss the seep. NMOCD asked for immediate action to contain the seep. The group agreed to install a collection trench.
4/17/1997	Collection Trench Constructed	Burlington constructed a collection trench between the seep and the wellhead. A sandstone shelf was encountered 6 to 8 feet bgs. Black to grey saturated soil was found above the sandstone. Hydrocarbon vapors were monitored during construction of the trench with a photoionization detector (PID). PID readings were between 1,000 - 2,000 ppm.
4/30/1997	Site Assessment	Burlington attempted to excavate the area of the former tank discharge pit. Sandstone was encountered at one foot below the bottom of the pit. The excavator could not penetrate the sandstone. There was no indication of hydrocarbon contamination in this area. Burlington subsequently excavated 9 to 10 test holes in the vicinity of the well pad. No hydrocarbon impacts were found in any of the test holes.
6/05/1997 through 6/6/1997	Monitor Well Installation	Burlington advanced 7 boreholes around the well pad. Each of the 7 boreholes was subsequently completed as a temporary monitor well.
8/1/1997	NMOCD Letter Issued	NMOCD issued a letter to PNM and Burlington. PNM was directed to assess contamination downgradient of its pit and Burlington was directed to submit an assessment plan for the portion of the site upgradient of the PNM disposal pit.

TABLE 1

SITE HISTORY TIMELINE
CONOCOPHILLIPS COMPANY
HAMPTON No. 4M
SAN JUAN COUNTY, NM

Date	*Event/Action*	*Description/Comments*
November 1997	Recovery Well System Installation	PNM installed an LNAPL recovery well system adjacent to PNM's former pit in November 1997 (exact dates unknown).
December 1997 - 2000	Pit Excavations	Hydrocarbon impacted soil was excavated from December 1997 to 2000 at various locations to the depth of groundwater. Potassium permanganate was applied to the excavations.
January 1998	LNAPL Recovery Initiated	PNM initiated LNAPL recovery (exact date unknown).
2/23/1998	Letter From Downgradient Land Owner	Mr. J. Burton Everett, the owner of property downgradient of the Site, wrote a letter to the NMOCD, expressing concern over the migration of hydrocarbons onto his property.
3/13/1998	NMOCD Letter Issued	NMOCD sent a letter to PNM directing the removal, within 30 days, of the remaining source areas of LNAPL in the vicinity and immediately downgradient of PNM's former pit.
April/May 1998	Monitor Well Installation	LNAPL was discovered upgradient from the dehydration pit and Burlington installed two additional monitor wells.
10/28/1998	Burlington Responds to NMOCD Letter	Burlington responded to NMOCD's letter of September 1, 1998. The letter stated that if PNM did not begin remediation of PNM's former pit by October 30, 1998, Burlington would begin remediating the entire site, starting at PNM's former pit and working south to Burlington's former pit.
November 1998	LNAPL Recovery Efforts Terminated	PNM's LNAPL recovery efforts were terminated (exact date unknown) as a result of Burlington's removal of PNM's system during excavation activities.
4/14/1999	Seep Sampled	NMOCD sampled a groundwater seep to the northwest of the well pad. The analytical results revealed benzene in excess of NMWQCC groundwater quality standards.
3/24/2000	Order No. R-11134-A Issued to Burlington and PNM	NMOCD issued Order No. R-11134-A to Burlington and PNM. The Order: 1) denied the application by PNM for rescinding the prior directive, 2) declared Burlington the responsible party for any contamination south and upgradient to the PNM disposal pit, 3) declared PNM the responsible party for any soil contamination remaining below its former pit, 4) directed PNM and Burlington to share responsibility of remediation for any groundwater or soil contamination, other than soil contamination below the former PNM pit, remaining north and downgradient of the property for which Burlington is responsible, 5) directed PNM and Burlington to submit remediation plans to NMOCD, 6) directed both PNM and Burlington to begin remedial activities within 10 days of NMOCD approval of the plans, 7) directed PNM to have oversight and reporting responsibilities for GW remediation in the area north and downgradient of the property for which Burlington is responsible, and 8) retained jurisdiction for NMOCD for any further orders as may be necessary.
Second Quarter 2000	Pit Excavation	Burlington excavated approximately 120 cubic yards of hydrocarbon-impacted soil to groundwater depth in the vicinity of MW-13 and MW-14 in mid-2000 (exact dates unknown). Both wells were destroyed in the process. A shale confining layer was discovered at the bottom of the excavation. The excavated soil was landfarmed on a nearby wellpad lease.

TABLE 1

SITE HISTORY TIMELINE
CONOCOPHILLIPS COMPANY
HAMPTON No. 4M
SAN JUAN COUNTY, NM

Date	*Event/Action*	*Description/Comments*
Third Quarter 2001	Excavation Backfilled	Burlington backfilled the mid-2000 excavation area with clean fill.
3/31/2006	Operator Change	ConocoPhillips Company completed the acquisition of Burlington Resources.
11/8/2007	Groundwater Monitoring	Tetra Tech conducted quarterly groundwater monitoring activities.
1/17/2008	Groundwater Monitoring	Tetra Tech conducted quarterly groundwater monitoring activities.
3/19/2008	Groundwater Monitoring	Tetra Tech conducted quarterly groundwater monitoring activities.
7/22/2008	Groundwater Monitoring	Tetra Tech conducted quarterly groundwater monitoring activities.
10/23/2008	Groundwater Monitoring	Tetra Tech conducted quarterly groundwater monitoring activities.
1/29/2009	Groundwater Monitoring	Tetra Tech conducted quarterly groundwater monitoring activities.
9/24/2009	Groundwater Monitoring	Tetra Tech completed annual groundwater monitoring activities.
9/28/2010	Groundwater Monitoring	Tetra Tech completed annual groundwater monitoring activities. LNAPL was encountered in MW-16. Tetra Tech purged LNAPL from the well and placed two absorbent socks in MW-16.
12/15/2010	Assessment of MW-16	Tetra Tech returned to the Site to check the status of the absorbent socks in MW-16. The socks were saturated. Tetra Tech purged approximately 3.5 gallons of LNAPL and water from the well and placed three additional absorbent socks in MW-16.
6/15/2011	Transfer of Site Consulting Responsibilities	Site consulting responsibilities were transferred from Tetra Tech to Conestoga-Rovers & Associates (CRA), Inc. of Albuquerque, NM.
10/4/11 and 10/11/11	Groundwater Monitoring	CRA completed annual groundwater monitoring activities. Oil absorbent socks in MW-16 were found saturated and were replaced on 10/4/11. The new socks were found to be saturated on 10/11/11, and were not replaced due to the rapidity of saturation. One gallon of LNAPL was recovered during the sampling event.

TABLE 2

MONITOR WELL SPECIFICATIONS AND GROUNDWATER ELEVATIONS
CONOCOPHILLIPS COMPANY
HAMPTON No. 4M
SAN JUAN COUNTY

Monitor Well	TOC Elevation (ft AMSL)	Sample Date	Depth to Water (ft)	GW Elevation (ft AMSL)
MW-1	6149.42	11/8/2007	42.81	6106.61
		1/17/2008	42.96	6106.46
		3/19/2008	42.93	6106.49
		7/22/2008	42.74	6106.68
		10/23/2008	32.80	6116.62
		1/21/2009	42.90	6106.52
		9/24/2009	43.09	6106.33
		9/28/2010	43.19	6106.23
		10/11/2011	43.55	6105.87
MW-5	6090.825	11/8/2007	16.52	6074.31
		1/17/2008	15.65	6075.18
		3/19/2008	13.64	6077.19
		7/22/2008	15.72	6075.11
		10/23/2008	16.53	6074.3
		1/21/2009	16.04	6074.79
		9/24/2009	16.89	6073.94
		9/28/2010	16.55	6074.28
		10/11/2011	17.39	6073.44
MW-7	6066.91	11/8/2007	20.22	6046.69
		1/17/2008	20.50	6046.41
		3/19/2008	20.02	6046.89
		7/22/2008	19.29	6047.62
		10/23/2008	19.95	6046.96
		1/21/2009	20.44	6046.47
		9/24/2009	20.55	6046.36
		9/28/2010	21.24	6045.67
		10/11/2011	DRY	<6066.9
MW-9	6122.515	11/8/2007	22.91	6099.61
		1/17/2008	22.76	6099.76
		3/19/2008	22.38	6100.14
		7/22/2008	23.10	6099.42
		10/23/2008	23.02	6099.5
		1/21/2009	22.85	6099.67
		9/24/2009	23.64	6098.88
		9/28/2010	23.70	6098.82
		10/11/2011	24.03	6098.49
MW-11	6015.75	11/8/2007	56.00	5959.75
		1/17/2008	55.86	5959.89
		3/19/2008	55.88	5959.87
		7/22/2008	55.71	5960.04
		10/23/2008	55.91	5959.84
		1/21/2009	55.75	5960
		9/24/2009	56.02	5959.73
		9/28/2010	56.06	5959.69
		10/11/2011	56.21	5959.54

TABLE 2

MONITOR WELL SPECIFICATIONS AND GROUNDWATER ELEVATIONS
CONOCOPHILLIPS COMPANY
HAMPTON No. 4M
SAN JUAN COUNTY

Monitor Well	TOC Elevation (ft AMSL)	Sample Date	Depth to Water (ft)	GW Elevation (ft AMSL)
MW-12	6109.02	11/8/2007	20.46	6088.56
		1/17/2008	20.24	6088.78
		3/19/2008	19.85	6089.17
		7/22/2008	20.54	6088.48
		10/23/2008	20.61	6088.41
		1/21/2009	20.37	6088.65
		9/24/2009	21.23	6087.79
		9/28/2010	21.27	6087.75
		10/11/2011	21.58	6087.44
MW-15	No survey - DTW only	11/8/2007	18.03	NA
		1/17/2008	18.20	NA
		3/19/2008	17.60	NA
		7/22/2008	17.79	NA
		10/23/2008	18.01	NA
		1/21/2009	18.20	NA
		9/24/2009	18.33	NA
		9/28/2010	18.25	NA
		10/11/2011	18.65	NA
MW-16	No survey - DTW only	11/8/2007	25.03	NA
		1/17/2008	24.88	NA
		3/19/2008	24.37	NA
		7/22/2008	25.00	NA
		10/23/2008	25.57	NA
		1/21/2009	24.97	NA
		9/24/2009	25.75	NA
		9/28/2010	25.41	NA
		10/11/2011	28.26	NA
TMW-1	No survey - DTW only	11/8/2007	19.06	NA
		1/17/2008	19.37	NA
		3/19/2008	18.55	NA
		7/22/2008	18.10	NA
		10/23/2008	19.19	NA
		1/21/2009	19.25	NA
		9/24/2009	19.61	NA
		9/28/2010	19.11	NA
		10/11/2011	19.39	NA

Notes:
ft = feet
AMSL = Above mean sea level
DTW = Depth to water
NA = Not available

TABLE 3

GROUNDWATER LABORATORY ANALYTICAL RESULTS SUMMARY
CONOCOPHILLIPS COMPANY
HAMPTON No. 4M
SAN JUAN COUNTY

Well ID	Sample ID	Date	Sample Type	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylenes (total) (mg/L)
MW-1	MW-1	10/30/1997	(orig)	0.0024	0.0023	< 0.0002	0.0011
	MW-1	1/12/1998	(orig)	0.0043	0.0033	0.0002	0.001
	MW-1	4/14/1998	(orig)	0.001	0.0013	< 0.0005	< 0.0005
	MW-1	7/1/1998	(orig)	0.0013	0.001	< 0.0005	0.0037
	MW-1	10/5/1998	(orig)	< 0.001	< 0.001	< 0.001	< 0.003
	MW-1	1/27/1999	(orig)	0.0008	0.0009	< 0.0005	< 0.0015
	MW-1	7/12/1999	(orig)	0.0011	0.0005	< 0.0005	< 0.0005
	MW-1	9/24/2003	(orig)	0.0009 J	0.001	<	0.0004 J
	MW-1	12/15/2003	(orig)	0.0011	0.0009 J	<	<
	MW-1	3/15/2004	(orig)	<	<	<	<
	MW-1	6/21/2004	(orig)	<	<	<	<
	MW-1	9/29/2004	(orig)	<	<	<	<
	MW-1	12/31/2004	(orig)	<	0.0009 J	<	0.0033 J
	MW-1	3/22/2005	(orig)	<	0.0003 J	<	<
	MW-1	10/24/2005	(orig)	<	<	<	<
	MW-1	12/12/2005	(orig)	<	0.0007 J	<	0.0006 J
	MW-1	3/20/2006	(orig)	0.0011	0.0009 J	<	0.0006 J
	MW-1	6/21/2006	(orig)	0.0003 J	0.0014	0.0004 J	0.0018 J
	MW-1	10/18/2006	(orig)	<	0.0002	0.0002	0.0013
	MW-1	12/12/2006	(orig)	<	0.0002	0.0002	0.0014
	MW-1	3/26/2007	(orig)	< 0.0003	0.0003 J	0.0002 J	0.0004 J
	MW-1	6/26/2007	(orig)	< 0.0003	< 0.0002	< 0.0002	< 0.0006
	MW-1	11/8/2007	(orig)	< 0.0005	< 0.0007	< 0.0008	< 0.0008
	MW-1	1/15/2008	(orig)	< 0.0005	< 0.0007	< 0.0008	< 0.0008
	MW-1	3/19/2008	(orig)	< 0.005	< 0.005	< 0.005	< 0.005
	MW-1	7/22/2008	(orig)	< 0.005	< 0.005	< 0.005	< 0.005
	MW-1	10/23/2008	(orig)	< 0.005	< 0.005	< 0.005	< 0.005
	MW-1	1/21/2009	(orig)	< 0.005	< 0.005	< 0.005	< 0.005
	MW-1	9/24/2009	(orig)	< 0.001	< 0.001	< 0.001	< 0.001
	MW-1	9/28/2010	(orig)	< 0.001	< 0.001	< 0.001	< 0.001
	GW-074927-100411-CM-002	10/4/2011	(orig)	< 0.001	< 0.001	< 0.001	< 0.003

TABLE 3

GROUNDWATER LABORATORY ANALYTICAL RESULTS SUMMARY
CONOCOPHILLIPS COMPANY
HAMPTON No. 4M
SAN JUAN COUNTY

Well ID	Sample ID	Date	Sample Type	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylenes (total) (mg/L)
MW-5	MW-5	10/29/1997	(orig)	5.934	10.024	0.709	8.188
	MW-5	1/12/1998	(orig)	7.521	11.213	0.779	8.436
	MW-5	4/14/1998	(orig)	7	11	0.72	7.8
	MW-5	7/1/1998	(orig)	6.5	10	0.78	7.5
	MW-5	10/5/1998	(orig)	6.8	8.4	0.74	6.9
	MW-5	11/9/1998	(orig)	6.2	8.2	0.67	6.5
	MW-5	1/27/1999	(orig)	6.4	8.9	0.66	6.7
	MW-5	5/5/1999	(orig)	6.8	9.8	0.9	7.8
	MW-5	5/26/1999	(orig)	6.6	10	0.65	8.1
	MW-5	7/12/1999	(orig)	6.3	10	0.75	8.8
	MW-5	8/17/1999	(orig)	5.4	9.8	0.67	7.5
	MW-5	8/17/1999	(Duplicate)	5.9	8.9	0.5	6.2
	MW-5	10/21/1999	(orig)	5.2	9.6	0.65	6.9
	MW-5	1/27/2000	(orig)	4.7	10	0.68	7.4
	MW-5	6/13/2000	(orig)	8.4	19	1.7	22
	MW-5	3/29/2001	(orig)	3.89	9.6	0.64	7.73
	MW-5	6/26/2001	(orig)	3.8	11	0.7	9
	MW-5	9/18/2001	(orig)	4.1	11	0.76	10
	MW-5	12/18/2001	(orig)	3.2	9.7	0.6	7.8
	MW-5	3/22/2002	(orig)	3.5	10	0.83	8.5
	MW-5	6/28/2002	(orig)	3.7	12	0.76	10
	MW-5	9/23/2002	(orig)	3	9.8	0.64	8.3
	MW-5	12/31/2002	(orig)	2.9	8.9	0.58	7.3
	MW-5	3/27/2003	(orig)	1.22	4.87	0.487	6.01
	MW-5	6/27/2003	(orig)	2.04	8.55	0.64	8.05
	MW-5	9/24/2003	(orig)	2.11	9.09	0.7	9.2
	MW-5	12/15/2003	(orig)	2.15	9.24	0.72	8.81
	MW-5	6/21/2004	(orig)	1.61	8.74	0.64	8.22
	MW-5	9/29/2004	(orig)	1.71	7.25	0.67	8.09
	MW-5	12/31/2004	(orig)	1.82	9.15	0.73	9.03
	MW-5	3/15/2005	(orig)	1.37	8.1	0.66	8.71
	MW-5	3/22/2005	(orig)	0.42	1.42	0.11	1.16
	MW-5	10/24/2005	(orig)	1.07	6.66	0.61	7.62
	MW-5	12/12/2005	(orig)	0.9	5.93	0.52	6.28
	MW-5	3/20/2006	(orig)	0.82	6.27	0.51	6.04
	MW-5	6/21/2006	(orig)	0.93	6.11	0.58	6.69
	MW-5	10/18/2006	(orig)	0.69	5.14	0.5	5.87
	MW-5	12/18/2006	(orig)	0.64	5.09	0.5	5.61
	MW-5	3/26/2007	(orig)	0.66	6.47	0.53	5.45
	MW-5	6/26/2007	(orig)	0.74	8.07	0.64	7.32
	MW-5	11/8/2007	(orig)	0.41	4.8	0.39	5
	MW-5	1/17/2008	(orig)	0.44	6.4	0.51	6.1
	MW-5	3/19/2008	(orig)	0.37	2.9	0.24	2.57
	MW-5	7/22/2008	(orig)	0.34	6.1	0.55	6.4
	MW-5	10/23/2008	(orig)	0.27	6.2	0.44	6.3
	MW-5	1/21/2009	(orig)	0.25	3.8	0.51	5.2
	MW-5	9/24/2009	(orig)	0.19	4.3	0.47	5.1
	MW-5	9/28/2010	(orig)	0.13	2.4	0.6	5.2
	GW-074927-100411-CM-006	10/12/2011	(orig)	0.0652	1.22	0.443	3.21
	GW-074927-100411-CM-007	10/12/2011	(Duplicate)	0.0796	1.22	0.488	3.46

TABLE 3

GROUNDWATER LABORATORY ANALYTICAL RESULTS SUMMARY
CONOCOPHILLIPS COMPANY
HAMPTON No. 4M
SAN JUAN COUNTY

Well ID	Sample ID	Date	Sample Type	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylenes (total) (mg/L)
MW-7	MW-7	1/12/1998	(orig)	**0.78**	0.246	0.258	**3.942**
	MW-7	4/14/1998	(orig)	**0.82**	0.34	0.19	**2.45**
	MW-7	7/1/1998	(orig)	**0.95**	0.44	0.2	**3.02**
	MW-7	10/5/1998	(orig)	**1.6**	**0.93**	0.18	**1.53**
	MW-7	11/9/1998	(orig)	**1.8**	**1**	0.16	**1.24**
	MW-7	1/27/1999	(orig)	**2.1**	**1**	0.16	**1.05**
	MW-7	5/5/1999	(orig)	**0.21**	0.0029	0.03	0.147
	MW-7	5/26/1999	(orig)	**0.19**	0.0074	0.032	0.15
	MW-7	7/12/1999	(orig)	**0.13**	0.0072	0.022	0.1013
	MW-7	10/21/1999	(orig)	**0.26**	0.011	0.015	0.089
	MW-7	1/27/2000	(orig)	**0.67**	0.58	0.054	**0.68**
	MW-7	6/17/2000	(orig)	**0.42**	**1.1**	0.075	**1.4**
	MW-7	3/29/2001	(orig)	**0.83**	0.15	0.32	**1.79**
	MW-7	6/26/2001	(orig)	**0.54**	0.33	0.25	**1.41**
	MW-7	9/18/2001	(orig)	**0.87**	0.56	0.32	**2.02**
	MW-7	12/18/2001	(orig)	**0.4**	0.03	0.16	**0.885**
	MW-7	3/22/2002	(orig)	**0.18**	<	0.078	0.26
	MW-7	6/28/2002	(orig)	**0.089**	0.001	0.041	0.079
	MW-7	9/23/2002	(orig)	**0.08**	0.003	0.031	0.01889
	MW-7	12/31/2002	(orig)	**0.16**	0.0022	0.074	0.0315
	MW-7	3/27/2003	(orig)	**0.195**	0.0004	0.0442	0.109
	MW-7	6/27/2003	(orig)	**0.3**	0.0014 J	0.117	0.4616
	MW-7	9/24/2003	(orig)	**0.09**	0.012	0.002	**0.694**
	MW-7	3/15/2004	(orig)	**0.056**	0.001 J	0.006	0.003
	MW-7	6/21/2004	(orig)	**0.18**	<	0.055	0.058 J
	MW-7	9/29/2004	(orig)	**0.163**	0.0009 J	0.0545	0.0698
	MW-7	12/15/2004	(orig)	**0.15**	0.004 J	0.115	0.549
	MW-7	12/31/2004	(orig)	**0.094**	0.003 J	0.01	0.024 J
	MW-7	3/22/2005	(orig)	**0.0208**	<	0.0024	0.0048
	MW-7	10/24/2005	(orig)	**0.0652**	0.0007 J	0.002	0.0027 J
	MW-7	12/12/2005	(orig)	**0.0662**	0.001 J	0.0087	0.0085 J
	MW-7	3/20/2006	(orig)	**0.072**	<	0.0126	0.0169
	MW-7	6/21/2006	(orig)	**0.0899**	0.0106	0.0048	0.0145
	MW-7	10/18/2006	(orig)	**0.0319**	0.0004 J	0.0018	0.0041
	MW-7	12/12/2006	(orig)	**0.0294**	0.0015	0.0031	0.0057
	MW-7	3/26/2007	(orig)	**0.0115**	0.001	0.0006 J	0.0008 J
	MW-7	6/26/2007	(orig)	**0.056**	0.0004 J	0.0177	0.0013
	MW-7	11/8/2007	(orig)	**0.044**	< 0.0007	0.002	< 0.0008
	MW-7	1/17/2008	(orig)	**0.017**	< 0.0007	0.003	< 0.0008
	MW-7	3/19/2008	(orig)	0.005	< 0.005	< 0.005	< 0.005
	MW-7	7/22/2008	(orig)	**0.032**	< 0.005	0.012	0.007
	MW-7	10/23/2008	(orig)	**0.017**	< 0.005	< 0.005	< 0.005
	MW-7	1/21/2009	(orig)	< 0.005	< 0.005	< 0.005	< 0.005
	MW-7	9/24/2009	(orig)	0.0037	< 0.001	< 0.001	< 0.001
	MW-7	9/28/2010	(orig)	0.0013	< 0.001	0.0023	< 0.001
	MW-7	10/11/11	No sample collected; well dry.				

TABLE 3

GROUNDWATER LABORATORY ANALYTICAL RESULTS SUMMARY
CONOCOPHILLIPS COMPANY
HAMPTON No. 4M
SAN JUAN COUNTY

Well ID	Sample ID	Date	Sample Type	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylenes (total) (mg/L)
MW-9	MW-9	7/1/1998	(orig)	**0.012**	< 0.001	< 0.001	< 0.003
	MW-9	10/5/1998	(orig)	0.0008	< 0.0005	< 0.0005	0.0022
	MW-9	11/9/1998	(orig)	**0.073**	< 0.0005	0.0022	0.0016
	MW-9	1/27/1999	(orig)	**0.12**	< 0.0005	0.0025	0.0018
	MW-9	5/5/1999	(orig)	**0.12**	< 0.0005	0.0016	0.0008
	MW-9	5/26/1999	(orig)	**0.14**	< 0.0005	0.0015	< 0.0005
	MW-9	5/26/1999	(Duplicate)	**0.29**	< 0.0005	0.0006	< 0.0015
	MW-9	7/12/1999	(orig)	**0.32**	< 0.0005	0.0006	< 0.0015
	MW-9	8/17/1999	(orig)	**0.13**	<	<	<
	MW-9	10/21/1999	(orig)	< 0.0005	0.0019	< 0.0005	0.0025
	MW-9	1/27/2000	(orig)	< 0.0002	< 0.0002	< 0.0002	< 0.0002
	MW-9	6/13/2000	(orig)	< 0.0005	< 0.0005	< 0.0005	< 0.001
	MW-9	3/29/2001	(orig)	< 0.0005	< 0.0005	< 0.0005	< 0.001
	MW-9	6/26/2001	(orig)	< 0.0005	< 0.0005	< 0.0005	< 0.001
	MW-9	9/18/2001	(orig)	<	<	<	<
	MW-9	12/18/2001	(orig)	<	<	<	<
	MW-9	3/22/2002	(orig)	<	<	<	<
	MW-9	6/28/2002	(orig)	<	<	<	<
	MW-9	9/23/2002	(orig)	0.0004 J	<	<	<
	MW-9	3/27/2003	(orig)	<	<	<	<
	MW-9	6/27/2003	(orig)	0.0005 J	<	<	<
	MW-9	9/24/2003	(orig)	<	<	<	<
	MW-9	12/15/2003	(orig)	<	<	<	<
	MW-9	3/15/2004	(orig)	<	<	<	<
	MW-9	6/21/2004	(orig)	<	0.0004 J	<	0.0007 J
	MW-9	9/29/2004	(orig)	<	<	<	<
	MW-9	3/22/2005	(orig)	<	<	<	<
	MW-9	6/23/2005	(orig)	<	0.0003 J	<	<
	MW-9	3/20/2006	(orig)	<	<	<	<
	MW-9	6/21/2006	(orig)	<	<	<	<
	MW-9	10/18/2006	(orig)	<	<	<	0.0003 J
	MW-9	12/12/2006	(orig)	0.0003 J	0.0007 J	0.0003 J	0.0012 J
	MW-9	3/26/2007	(orig)	< 0.0003	< 0.0002	< 0.0002	< 0.0006
	MW-9	6/26/2007	(orig)	< 0.0003	< 0.0002	< 0.0002	< 0.0006
	MW-9	11/8/2007	(orig)	< 0.0005	< 0.0007	< 0.0008	< 0.0008
	MW-9	1/17/2008	(orig)	< 0.0005	< 0.0007	< 0.0008	< 0.0008
	MW-9	3/19/2008	(orig)	< 0.005	< 0.005	< 0.005	< 0.005
	MW-9	7/22/2008	(orig)	< 0.005	< 0.005	< 0.005	< 0.005
	MW-9	10/23/2008	(orig)	< 0.005	< 0.005	< 0.005	< 0.005
	MW-9	1/21/2009	(orig)	< 0.005	< 0.005	< 0.005	< 0.005
	MW-9	9/24/2009	(orig)	< 0.001	< 0.001	< 0.001	< 0.001
	MW-9	9/28/2010	(orig)	< 0.001	< 0.001	< 0.001	< 0.001
	GW-074927-100411-CM-004	10/4/2011	(orig)	< 0.001	< 0.001	< 0.001	< 0.003

TABLE 3

GROUNDWATER LABORATORY ANALYTICAL RESULTS SUMMARY
CONOCOPHILLIPS COMPANY
HAMPTON No. 4M
SAN JUAN COUNTY

Well ID	Sample ID	Date	Sample Type	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylenes (total) (mg/L)
MW-11	MW-11	1/27/1999	(orig)	< 0.0005	0.0025	0.0007	0.0131
	MW-11	5/5/1999	(orig)	< 0.0005	< 0.0005	< 0.0005	< 0.0015
	MW-11	5/26/1999	(orig)	0.0008	0.0017	< 0.0005	0.0011
	MW-11	10/21/1999	(orig)	< 0.0005	< 0.0005	< 0.0005	< 0.0015
	MW-11	1/27/2000	(orig)	< 0.0005	< 0.0005	< 0.0005	< 0.0005
	MW-11	6/13/2000	(orig)	< 0.0005	< 0.0005	< 0.0005	0.0009
	MW-11	3/29/2001	(orig)	< 0.0002	< 0.0002	< 0.0002	< 0.0002
	MW-11	6/26/2001	(orig)	< 0.0005	< 0.0005	< 0.0005	< 0.001
	MW-11	9/18/2001	(orig)	< 0.0005	< 0.0005	< 0.0005	< 0.001
	MW-11	12/18/2001	(orig)	< 0.0005	< 0.0005	< 0.0005	< 0.001
	MW-11	12/19/2001	(orig)	<	<	<	<
	MW-11	12/20/2001	(orig)	<	<	<	<
	MW-11	12/21/2001	(orig)	<	<	<	<
	MW-11	12/22/2001	(orig)	<	<	<	<
	MW-11	5/24/2003	(orig)	<	<	<	<
	MW-11	6/27/2003	(orig)	0.0004 J	0.0003 J	<	0.0004 J
	MW-11	9/24/2003	(orig)	<	<	<	<
	MW-11	12/15/2003	(orig)	0.0005 J	<	<	<
	MW-11	3/15/2004	(orig)	<	<	<	<
	MW-11	6/21/2004	(orig)	<	<	<	0.0005 J
	MW-11	9/29/2004	(orig)	<	<	<	<
	MW-11	12/31/2004	(orig)	<	<	<	<
	MW-11	3/22/2005	(orig)	<	<	<	<
	MW-11	10/24/2005	(orig)	<	<	<	<
	MW-11	12/12/2005	(orig)	<	0.0003 J	<	<
	MW-11	3/20/2006	(orig)	<	<	<	<
	MW-11	6/21/2006	(orig)	<	0.0003 J	<	0.0008 J
	MW-11	10/18/2006	(orig)	<	0.0003 J	0.0004 J	0.0012 J
	MW-11	12/12/2006	(orig)	<	<	<	0.0003 J
	MW-11	3/26/2007	(orig)	< 0.0003	< 0.0002	< 0.0002	< 0.0006
	MW-11	6/26/2007	(orig)	< 0.0003	< 0.0002	< 0.0002	< 0.0006
	MW-11	11/8/2007	(orig)	< 0.0005	< 0.0007	< 0.0008	< 0.0008
	MW-11	1/17/2008	(orig)	< 0.0005	< 0.0007	< 0.0008	< 0.0008
	MW-11	3/19/2008	(orig)	< 0.005	< 0.005	< 0.005	< 0.005
	MW-11	7/22/2008	(orig)	< 0.005	< 0.005	< 0.005	< 0.005
	MW-11	10/23/2008	(orig)	< 0.005	< 0.005	< 0.005	< 0.005
	MW-11	1/21/2009	(orig)	< 0.005	< 0.005	< 0.005	< 0.005
	MW-11	9/24/2009	(orig)	< 0.001	< 0.001	< 0.001	< 0.001
	MW-11	9/28/2010	(orig)	< 0.001	< 0.001	< 0.001	< 0.001
	GW-074927-100411-CM-005	10/11/2011	(orig)	< 0.001	< 0.001	< 0.001	< 0.003

TABLE 3

GROUNDWATER LABORATORY ANALYTICAL RESULTS SUMMARY
CONOCOPHILLIPS COMPANY
HAMPTON No. 4M
SAN JUAN COUNTY

Well ID	Sample ID	Date	Sample Type	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylenes (total) (mg/L)
MW-12	MW-12	5/5/1999	(orig)	**0.79**	**0.84**	0.26	**2.88**
	MW-12	5/5/1999	(Duplicate)	**1.2**	**13**	**5.1**	**68**
	MW-12	5/26/1999	(orig)	**1.9**	**0.82**	0.2	**1.72**
	MW-12	5/26/1999	(Duplicate)	**1.8**	0.64	0.16	**1.6**
	MW-12	7/12/1999	(orig)	**4.5**	**0.76**	0.4	**3.1**
	MW-12	7/12/1999	(Duplicate)	**4.6**	0.73	0.39	**3.08**
	MW-12	8/17/1999	(orig)	**4.8**	**5**	0.32	**3.39**
	MW-12	8/17/1999	(Duplicate)	**5.9**	**6.1**	0.39	**4.1**
	MW-12	10/21/1999	(orig)	**5.6**	0.65	0.54	**2.89**
	MW-12	1/27/2000	(orig)	**4.1**	0.55	0.43	**2.379**
	MW-12	6/13/2000	(orig)	**5**	**1.3**	0.49	**2.7**
	MW-12	3/29/2001	(orig)	**5.17**	**1.79**	0.366	**2.62**
	MW-12	6/26/2001	(orig)	**4.8**	**1.9**	0.39	**2.56**
	MW-12	9/18/2001	(orig)	**5.1**	**2.4**	0.43	**2.82**
	MW-12	12/18/2001	(orig)	**4**	**1.5**	0.32	**1.88**
	MW-12	3/22/2002	(orig)	**3.3**	**0.93**	0.29	**1.27**
	MW-12	6/28/2002	(orig)	**4.2**	**1.8**	0.41	**1.94**
	MW-12	9/23/2002	(orig)	**3.8**	**1.5**	0.31	**1.51**
	MW-12	12/31/2002	(orig)	**3.6**	**0.84**	0.28	**1.01**
	MW-12	5/24/2003	(orig)	**3.99**	**2.23**	0.299	**1.47**
	MW-12	6/27/2003	(orig)	**5.29**	**2.75**	0.36	**1.6**
	MW-12	9/24/2003	(orig)	**4.6**	**1.69**	0.29	**1.15**
	MW-12	12/15/2003	(orig)	**4.2**	**1.36**	0.24	**1.15**
	MW-12	3/15/2004	(orig)	**2.09**	**1.12**	0.3	**1.25**
	MW-12	6/21/2004	(orig)	**3.87**	**1.82**	0.28	**1.5**
	MW-12	6/29/2004	(orig)	**5.14**	**2.22**	0.24	**1.28**
	MW-12	12/31/2004	(orig)	**4.16**	**1.22**	0.25	**1.15**
	MW-12	3/22/2005	(orig)	**2.38**	**1.1**	0.13	**0.71**
	MW-12	10/24/2005	(orig)	**1.35**	0.15	0.08	0.33
	MW-12	12/16/2005	(orig)	**2.38**	0.422	0.111	0.341
	MW-12	3/20/2006	(orig)	**2.1**	0.21	0.071	0.225
	MW-12	6/21/2006	(orig)	**2.27**	0.385	0.085	0.355
	MW-12	10/18/2006	(orig)	**1.74**	0.477	0.112	0.399
	MW-12	12/12/2006	(orig)	**2.4**	**1.11**	0.142	**0.668**
	MW-12	3/26/2007	(orig)	**4.13**	**1.68**	0.34	**1.18**
	MW-12	6/26/2007	(orig)	**1.52**	0.432	0.118	0.34
	MW-12	11/8/2007	(orig)	**0.78**	0.31	0.043	0.17
	MW-12	1/17/2008	(orig)	**2**	**1.4**	0.18	**0.79**
	MW-12	3/19/2008	(orig)	**1.6**	0.56	0.16	0.53
	MW-12	7/22/2008	(orig)	**0.73**	0.022	0.014	0.021
	MW-12	10/23/2008	(orig)	**0.5**	0.03	0.022	0.04
	MW-12	1/21/2009	(orig)	**1.1**	0.43	0.11	0.41
	MW-12	9/24/2009	(orig)	**0.61**	0.0083	0.01	0.0195
	MW-12	9/28/2010	(orig)	**0.55**	< 0.001	0.015	0.016
	GW-074927-100411-CM-003	10/4/2011	(orig)	**0.494**	< 0.01	0.0235	< 0.03

TABLE 3

GROUNDWATER LABORATORY ANALYTICAL RESULTS SUMMARY
CONOCOPHILLIPS COMPANY
HAMPTON No. 4M
SAN JUAN COUNTY

Well ID	Sample ID	Date	Sample Type	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylenes (total) (mg/L)
MW-15	MW-15	10/21/1999	(orig)	< 0.0005	0.0012	< 0.0005	0.0015
	MW-15	1/27/2000	(orig)	< 0.0005	< 0.0005	< 0.0005	< 0.0005
	MW-15	6/13/2000	(orig)	< 0.0005	< 0.0005	< 0.0005	< 0.0005
	MW-15	3/29/2001	(orig)	< 0.0002	< 0.0002	< 0.0002	< 0.0002
	MW-15	6/26/2001	(orig)	< 0.0005	< 0.0005	< 0.0005	< 0.0005
	MW-15	9/18/2001	(orig)	< 0.0005	< 0.0005	< 0.0005	< 0.0005
	MW-15	12/18/2001	(orig)	< 0.0005	< 0.0005	< 0.0005	< 0.0005
	MW-15	3/22/2002	(orig)	<	<	<	<
	MW-15	6/28/2002	(orig)	<	<	<	<
	MW-15	9/23/2002	(orig)	<	<	<	<
	MW-15	12/31/2002	(orig)	<	<	<	<
	MW-15	3/27/2003	(orig)	<	0.0003 J	<	0.0009 J
	MW-15	6/27/2003	(orig)	0.0004 J	<	<	<
	MW-15	9/24/2003	(orig)	<	<	<	<
	MW-15	3/15/2004	(orig)	<	0.0003 J	<	<
	MW-15	6/21/2004	(orig)	<	<	<	<
	MW-15	9/29/2004	(orig)	<	<	<	<
	MW-15	12/15/2004	(orig)	0.0007 J	<	<	<
	MW-15	12/31/2004	(orig)	<	0.0009 J	0.0003 J	0.0014 J
	MW-15	3/22/2005	(orig)	<	<	<	<
	MW-15	10/24/2005	(orig)	<	<	<	<
	MW-15	12/12/2005	(orig)	<	0.0003 J	<	0.0004 J
	MW-15	3/20/2006	(orig)	<	<	<	<
	MW-15	6/21/2006	(orig)	0.0007 J	<	0.0003 J	<
	MW-15	10/18/2006	(orig)	<	0.0003 J	<	0.0002 J
	MW-15	12/12/2006	(orig)	<	<	<	<
	MW-15	3/26/2007	(orig)	< 0.0003	< 0.0002	< 0.0002	< 0.0006
	MW-15	6/26/2007	(orig)	< 0.0003	0.0005 J	< 0.0002	< 0.0006
	MW-15	11/8/2007	(orig)	< 0.0005	< 0.0007	< 0.0008	< 0.0008
	MW-15	1/17/2008	(orig)	< 0.0005	< 0.0007	< 0.0008	< 0.0008
	MW-15	3/19/2008	(orig)	< 0.005	< 0.005	< 0.005	< 0.005
	MW-15	7/22/2008	(orig)	< 0.005	< 0.005	< 0.005	< 0.005
	MW-15	10/23/2008	(orig)	< 0.005	< 0.005	< 0.005	< 0.005
	MW-15	1/21/2009	(orig)	< 0.005	< 0.005	< 0.005	< 0.005
	MW-15	9/24/2009	(orig)	< 0.001	< 0.001	< 0.001	< 0.001
	MW-15	9/28/2010	(orig)	< 0.001	< 0.001	< 0.001	< 0.001
	GW-074927-100411-CM-001	10/4/2011	(orig)	< 0.001	< 0.001	< 0.001	< 0.003

TABLE 3

GROUNDWATER LABORATORY ANALYTICAL RESULTS SUMMARY
CONOCOPHILLIPS COMPANY
HAMPTON No. 4M
SAN JUAN COUNTY

Well ID	Sample ID	Date	Sample Type	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylenes (total) (mg/L)
MW-16	MW-16	10/21/1999	(orig)	**0.22**	0.3	0.0054	0.142
	MW-16	10/21/1999	(Duplicate)	**0.214**	0.268	0.004	0.151
	MW-16	1/27/2000	(orig)	**1.6**	0.17	0.056	0.225
	MW-16	6/13/2000	(orig)	**8.7**	0.43	0.68	**2.2**
	MW-16	6/26/2001	(orig)	**9.3**	**1.1**	**0.81**	**3.41**
	MW-16	9/18/2001	(orig)	**11**	**6.4**	0.59	**6.4**
	MW-16	12/18/2001	(orig)	**9.9**	**6.9**	0.57	**7.4**
	MW-16	6/28/2002	(orig)	**11**	**7**	**0.77**	**5.7**
	MW-16	9/23/2002	(orig)	**8.9**	**9.9**	0.61	**8.5**
	MW-16	12/31/2002	(orig)	**8.8**	**7.9**	**0.77**	**7.4**
	MW-16	3/22/2003	(orig)	**10**	**6.6**	**1.1**	**7.4**
	MW-16	3/27/2003	(orig)	**10.4**	**11.2**	**0.84**	**8.67**
	MW-16	9/24/2003	(orig)	**10.3**	**15.4**	**0.87**	**10.59**
	MW-16	3/15/2004	(orig)	**9.2**	**16**	**1.31**	**12**
	MW-16	6/21/2004	(orig)	**8.04**	**18.1**	**2.45**	**18.58**
	MW-16	9/29/2004	(orig)	**8.33**	**14**	**0.76**	**8.23**
	MW-16	12/15/2004	(orig)	**9.64**	**12.6**	0.72	**1.55**
	MW-16	12/31/2004	(orig)	**8.34**	**17.1**	**1.55**	**18.83**
	MW-16	3/28/2005	(orig)	**4.14**	**5.81**	**0.76**	**10.48**
	MW-16	10/24/2005	(orig)	**6.28**	**9.8**	0.67	**6.91**
	MW-16	12/12/2005	(orig)	**6.94**	**11.5**	0.75	**8.06**
	MW-16	3/20/2006	(orig)	**6.82**	**11.5**	**0.83**	**8.55**
	MW-16	6/21/2006	(orig)	**6.64**	**11.2**	0.69	**7.57**
	MW-16	10/18/2006	(orig)	**5.7**	**10.2**	0.62	**6.52**
	MW-16	12/12/2006	(orig)	**4.6**	**10**	0.55	**6.83**
	MW-16	3/26/2007	(orig)	**2.97**	**2.82**	0.26	**5.22**
	MW-16	6/26/2007	(orig)	**5.23**	**9.11**	**0.77**	**7.76**
	MW-16	11/8/2007	(orig)	**5.5**	**12**	0.57	**6.2**
	MW-16	1/17/2008	(orig)	**4.6**	**9.1**	0.55	**5.6**
	MW-16	3/19/2008	(orig)	**5.5**	**9.6**	0.51	**6.9**
	MW-16	7/22/2008	(orig)	**3.6**	**6.1**	0.43	**4.5**
	MW-16	10/23/2008	(orig)	**4.7**	**9.1**	0.48	**6.6**
	MW-16	1/21/2009	(orig)	**4.2**	**7.5**	0.48 J	**6.9**
	MW-16	9/24/2009	(orig)	**3.2**	**4.6**	0.34	**3.5**
	MW-16	9/29/2010	(orig)	**3**	**4.6**	**3.4**	**23.6**
	MW-16	12/15/2010	(orig)	**5.2**	**13**	**1.1**	**14.5**
	MW-16	10/11/2011	No sample collected due to presence of LNAPL.				

TABLE 3

GROUNDWATER LABORATORY ANALYTICAL RESULTS SUMMARY
CONOCOPHILLIPS COMPANY
HAMPTON No. 4M
SAN JUAN COUNTY

Well ID	Sample ID	Date	Sample Type	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylenes (total) (mg/L)
Seep	Seep	7/1/1998	(orig)	0.0016	0.0007	0.0006	0.00036
	Seep	4/14/1999	(orig)	**0.04**	0.0022	0.0021	0.019
	Seep	10/21/1999	(orig)	**0.065**	0.23	0.011	0.434
	Seep	3/29/2001	(orig)	**0.0116**	< 0.0002	0.0007 J	0.0254
	Seep	6/26/2001	(orig)	< 0.0005	< 0.0005	< 0.0005	< 0.001
	Seep	9/18/2001	(orig)	< 0.0005	< 0.0005	< 0.0005	< 0.001
	Seep	12/18/2001	(orig)	< 0.0005	< 0.0005	< 0.0005	< 0.001
	Seep	3/22/2002	(orig)	0.0059	<	0.0008	0.0034
	Seep	6/28/2002	(orig)	<	<	<	<
	Seep	9/23/2002	(orig)	<	<	<	<
	Seep	12/31/2002	(orig)	0.0007	<	<	<
	Seep	3/27/2003	(orig)	0.0063	0.0002 J	0.0018	0.0101
	Seep	9/24/2003	(orig)	<	0.0003 J	<	<
	Seep	12/15/2003	(orig)	0.0004 J	0.0003 J	<	<
	Seep	3/15/2004	(orig)	<	<	<	<
	Seep	6/21/2004	(orig)	<	<	<	<
	Seep	9/29/2004	(orig)	<	<	<	<
	Seep	12/31/2004	(orig)	<	0.0002 J	<	0.0004 J
	Seep	3/28/2005	(orig)	<	<	<	<
	Seep	10/24/2005	(orig)	<	J	<	<
	Seep	12/12/2005	(orig)	<	0.0005 J	0.0003 J	0.0009 J
	Seep	3/20/2006	(orig)	<	<	<	<
	Seep	6/21/2006	(orig)	0.004	0.0129	0.0008 J	0.015
	Seep	10/18/2006	(orig)	<	0.0005 J	0.0003 J	0.0014 J
	Seep	12/12/2006	(orig)	<	<	<	<
	Seep	3/26/2007	(orig)	< 0.0003	0.0003 J	< 0.0002	< 0.0006
	Seep	6/26/2007	(orig)	< 0.0003	< 0.0002	< 0.0002	< 0.0006
	Seep	11/8/2007	(orig)	< 0.0005	< 0.0007	< 0.0008	< 0.0008
	Seep	3/19/2008	(orig)	< 0.005	< 0.005	< 0.005	< 0.005
	Seep	10/23/2008	(orig)	< 0.005	< 0.005	< 0.005	< 0.005
	Seep	1/21/2009	(orig)	< 0.005	< 0.005	< 0.005	< 0.005
	Seep	9/24/2009	(orig)	< 0.001	< 0.001	< 0.001	< 0.001
	Seep	9/28/2010	(orig)	< 0.001	< 0.001	< 0.001	< 0.001
	Seep	10/11/2011	No sample collected; seep dry.				

TABLE 3

GROUNDWATER LABORATORY ANALYTICAL RESULTS SUMMARY
CONOCOPHILLIPS COMPANY
HAMPTON No. 4M
SAN JUAN COUNTY

Well ID	Sample ID	Date	Sample Type	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylenes (total) (mg/L)
TMW-1	TMW-1	1/27/2000	(orig)	**0.93**	**1.4**	0.35	**6.7**
	TMW-1	6/13/2000	(orig)	**2.4**	**3.4**	0.55	**9.1**
	TMW-1	6/26/2001	(orig)	**1.1**	**3.5**	0.33	**5.5**
	TMW-1	5/23/2003	(orig)	**0.83**	0.123	0.107	**1.0047**
	TMW-1	6/27/2003	(orig)	**0.474**	0.0366	0.0596	0.4907
	TMW-1	9/24/2003	(orig)	**0.292**	0.139	0.017	0.221
	TMW-1	12/15/2003	(orig)	**0.0559**	0.0013	0.0039	0.0425
	TMW-1	6/21/2004	(orig)	**0.0406**	<	0.0141	0.0147
	TMW-1	9/29/2004	(orig)	**0.41**	0.0087	0.0596	0.4585
	TMW-1	12/31/2004	(orig)	0.003 J	0.005 J	0.001 J	0.011 J
	TMW-1	3/22/2005	(orig)	**0.0678**	0.0133	0.0081	0.1017
	TMW-1	10/24/2005	(orig)	**0.483**	0.705	0.045	0.328
	TMW-1	12/12/2005	(orig)	**0.122**	0.317	0.019	0.16
	TMW-1	3/20/2006	(orig)	**0.071**	0.082	0.016	0.151
	TMW-1	6/21/2006	(orig)	**0.159**	0.0657	0.0569	0.36
	TMW-1	10/18/2006	(orig)	0.0064	0.0016	0.0021	0.0138
	TMW-1	6/26/2007	(orig)	**0.269**	0.0026	0.0049	0.0157
	TMW-1	11/8/2007	(orig)	**0.3**	0.012	0.006	0.038
	TMW-1	1/17/2008	(orig)	0.0008	< 0.0007	< 0.0008	0.001
	TMW-1	3/19/2008	(orig)	< 0.005	< 0.005	< 0.005	< 0.005
	TMW-1	7/22/2008	(orig)	**0.13**	0.029	0.011	0.022
	TMW-1	1/21/2009	(orig)	**0.013**	< 0.005	< 0.005	< 0.005
	TMW-1	9/28/2010	(orig)	**0.013**	< 0.001	< 0.001	0.0032
	TMW-1	10/11/11	No sample collected; insufficient water present in well.				
NMWQCC Groundwater Quality Standards				**0.01**	**0.75**	**0.75**	**0.62**

Notes:
J = Analyte concetration detected at a value between MDL and PQL
MDL = Method Detection Limit
PQL = Practical Quantitation Limit
NS = Not Sampled
NMWQCC = New Mexico Water Quality Control Commission
mg/L = milligrams per liter (parts per million)
< 0.001 = Below Laboratory Detection Limit of 0.001 mg/L
< = Below Laboratory Detection Limit
BOLD = Concentrations that exceed the NMWQCC groundwater quality standard

APPENDIX A

OCTOBER 2011 ANNUAL GROUNDWATER SAMPLING FIELD FORMS

WELL SAMPLING FIELD INFORMATION FORM

TE/PROJECT NAME: Hampton JOB# 074927

SAMPLE ID: GW-074928-100411-CM-002 WELL# MW-1

WELL PURGING INFORMATION

PURGE DATE (MM DD YY)	SAMPLE DATE (MM DD YY)	SAMPLE TIME (24 HOUR)	WATER VOL. IN CASING (GALLONS)	ACTUAL VOL. PURGED (GALLONS)
10.4.11	10.4.11	1025	0.624	2.00

PURGING AND SAMPLING EQUIPMENT

PURGING EQUIPMENT.....DEDICATED (Y) N (CIRCLE ONE)

SAMPLING EQUIPMENT.....DEDICATED (Y) N (CIRCLE ONE)

PURGING DEVICE	G	A - SUBMERSIBLE PUMP	D - GAS LIFT PUMP	G - BAILER	X= PURGING DEVICE OTHER (SPECIFY)
		B - PERISTALTIC PUMP	E - PURGE PUMP	H - WATERRA®	
SAMPLING DEVICE	G	C - BLADDER PUMP	F - DIPPER BOTTLE	X - OTHER	X= SAMPLING DEVICE OTHER (SPECIFY)
PURGING MATERIAL	E	A - TEFLON	D - PVC		X= PURGING MATERIAL OTHER (SPECIFY)
		B - STAINLESS STEEL	E - POLYETHYLENE		
SAMPLING MATERIAL	E	C - POLYPROPYLENE	X - OTHER		X= SAMPLING MATERIAL OTHER (SPECIFY)
PURGE TUBING	C	A - TEFLON	D - POLYPROPYLENE	G - COMBINATION TEFLON/POLYPROPYLENE	X= PURGE TUBING OTHER (SPECIFY)
		B - TYGON	E - POLYETHYLENE		
SAMPLING TUBING	C	C - ROPE	F - SILICONE	X - OTHER	X= SAMPLING TUBING OTHER (SPECIFY)
FILTERING DEVICES 0.45	N/A	A - IN-LINE DISPOSABLE	B - PRESSURE	C - VACUUM	

FIELD MEASUREMENTS

DEPTH TO WATER	43.55	(feet)	WELL ELEVATION	6149.42	(feet)
WELL DEPTH	47.45	(feet)	GROUNDWATER ELEVATION	6105.87	(feet)

TEMPERATURE	pH	TDS	CONDUCTIVITY	ORP	VOLUME
12.48 (°C)	4.26 (std)	1.658 (g/L)	1941 (µS/cm)	311.4 (mV)	1.25 (gal)
12.61 (°C)	4.28 (std)	1.664 (g/L)	1953 (µS/cm)	306.6 (mV)	1.5 (gal)
12.67 (°C)	4.28 (std)	1.668 (g/L)	1962 (µS/cm)	296.2 (mV)	2.0 (gal)
(°C)	(std)	(g/L)	(µS/cm)	(mV)	(gal)
(°C)	(std)	(g/L)	(µS/cm)	(mV)	(gal)

FIELD COMMENTS

SAMPLE APPEARANCE: cloudy ODOR: none COLOR: very lt. brown SHEEN Y/(N)

WEATHER CONDITIONS: TEMPERATURE 65° WINDY Y/(N) PRECIPITATION (Y)/N (IF Y TYPE) rain

SPECIFIC COMMENTS:

3.9 x 0.16 = 0.624 x 3 = 1.872

I CERTIFY THAT SAMPLING PROCEDURES WERE IN ACCORDANCE WITH APPLICABLE CRA PROTOCOLS

DATE	PRINT	SIGNATURE
10.4.11	Jason Ploss	

WELL SAMPLING FIELD INFORMATION FORM

SITE/PROJECT NAME: Hampton No 4M JOB# 074927

SAMPLE ID: GW-074928-100411-CM-006 WELL# MW-5

WELL PURGING INFORMATION

PURGE DATE (MM DD YY)	SAMPLE DATE (MM DD YY)	SAMPLE TIME (24 HOUR)	WATER VOL. IN CASING (GALLONS)	ACTUAL VOL. PURGED (GALLONS)
10.11.11	10.12.11	920	0.45	0.75

PURGING AND SAMPLING EQUIPMENT

PURGING EQUIPMENT.....DEDICATED (Y) N (CIRCLE ONE)

SAMPLING EQUIPMENT.....DEDICATED (Y) N (CIRCLE ONE)

PURGING DEVICE	G	A - SUBMERSIBLE PUMP	D - GAS LIFT PUMP	G - BAILER	X= PURGING DEVICE OTHER (SPECIFY)
		B - PERISTALTIC PUMP	E - PURGE PUMP	H - WATERRA®	
SAMPLING DEVICE	G	C - BLADDER PUMP	F - DIPPER BOTTLE	X - OTHER	X= SAMPLING DEVICE OTHER (SPECIFY)
PURGING MATERIAL	E	A - TEFLON	D - PVC		X= PURGING MATERIAL OTHER (SPECIFY)
		B - STAINLESS STEEL	E - POLYETHYLENE		
SAMPLING MATERIAL	E	C - POLYPROPYLENE	X - OTHER		X= SAMPLING MATERIAL OTHER (SPECIFY)
PURGE TUBING	C	A - TEFLON	D - POLYPROPYLENE	G - COMBINATION TEFLON/POLYPROPYLENE	X= PURGE TUBING OTHER (SPECIFY)
		B - TYGON	E - POLYETHYLENE		
SAMPLING TUBING	C	C - ROPE	F - SILICONE	X - OTHER	X= SAMPLING TUBING OTHER (SPECIFY)
FILTERING DEVICES 0.45		A - IN-LINE DISPOSABLE	B - PRESSURE	C - VACUUM	

FIELD MEASUREMENTS

DEPTH TO WATER	17.39 (feet)	WELL ELEVATION	6090.83 (feet)
WELL DEPTH	20.19 (feet)	GROUNDWATER ELEVATION	6073.44 (feet)

TEMPERATURE	pH	TDS	CONDUCTIVITY	ORP	VOLUME
(°C)	(std)	(g/L)	(µS/cm)	(mV)	(gal)
(°C)	(std)	(g/L)	(µS/cm)	(mV)	(gal)
(°C)	(std)	(g/L)	(µS/cm)	(mV)	(gal)
(°C)	(std)	(g/L)	(µS/cm)	(mV)	(gal)
(°C)	(std)	(g/L)	(µS/cm)	(mV)	(gal)

FIELD COMMENTS

SAMPLE APPEARANCE: black ODOR: hydrocarbon/BTEX COLOR: black SHEEN Y/N slight, discontinuous

WEATHER CONDITIONS: TEMPERATURE WINDY Y/(N) PRECIPITATION Y/(N) (IF Y TYPE)

SPECIFIC COMMENTS:

Volume = 2.8 x 0.16 = 0.448 x 3 = 1.34

Bailed dry at ~ 0.75 gallons on 10.11.11 purge water black w/ slight, discontinuous sheen and hydrocarbon/BTEX odor.

I CERTIFY THAT SAMPLING PROCEDURES WERE IN ACCORDANCE WITH APPLICABLE CRA PROTOCOLS

DATE	PRINT	SIGNATURE
10.12.11	Jason Ploss	

Dup GW-074928-100411-CM-007 @ 925 on 10.12.11

WELL SAMPLING FIELD INFORMATION FORM

SITE/PROJECT NAME: Hampton JOB# 074927

SAMPLE ID: GW-074928-100411-CM-004 WELL# MW-9

WELL PURGING INFORMATION

PURGE DATE (MM DD YY)	SAMPLE DATE (MM DD YY)	SAMPLE TIME (24 HOUR)	WATER VOL. IN CASING (GALLONS)	ACTUAL VOL. PURGED (GALLONS)
10.4.11	10.4.11	1115	1.3264	4.0

PURGING AND SAMPLING EQUIPMENT

PURGING EQUIPMENT.....DEDICATED (Y) N (CIRCLE ONE)

SAMPLING EQUIPMENT.....DEDICATED (Y) N (CIRCLE ONE)

PURGING DEVICE	G	A - SUBMERSIBLE PUMP	D - GAS LIFT PUMP	G - BAILER	X= PURGING DEVICE OTHER (SPECIFY)
SAMPLING DEVICE	G	B - PERISTALTIC PUMP C - BLADDER PUMP	E - PURGE PUMP F - DIPPER BOTTLE	H - WATERRA® X - OTHER	X= SAMPLING DEVICE OTHER (SPECIFY)
PURGING MATERIAL	E	A - TEFLON	D - PVC		X= PURGING MATERIAL OTHER (SPECIFY)
SAMPLING MATERIAL	E	B - STAINLESS STEEL C - POLYPROPYLENE	E - POLYETHYLENE X - OTHER		X= SAMPLING MATERIAL OTHER (SPECIFY)
PURGE TUBING	C	A - TEFLON	D - POLYPROPYLENE	G - COMBINATION TEFLON/POLYPROPYLENE	X= PURGE TUBING OTHER (SPECIFY)
SAMPLING TUBING	C	B - TYGON C - ROPE	E - POLYETHYLENE F - SILICONE	X - OTHER	X= SAMPLING TUBING OTHER (SPECIFY)
FILTERING DEVICES 0.45	N/A	A - IN-LINE DISPOSABLE	B - PRESSURE	C - VACUUM	

FIELD MEASUREMENTS

DEPTH TO WATER 24.08 (feet) WELL ELEVATION 6122.52 (feet)

WELL DEPTH 32.50 (feet) GROUNDWATER ELEVATION 6098.49 (feet)

TEMPERATURE	pH	TDS	CONDUCTIVITY	ORP	VOLUME
14.90 (°C)	6.75 (std)	1.990 (g/L)	2425 (µS/cm)	39.9 (mV)	3.0 (gal)
14.25 (°C)	6.12 (std)	2.075 (g/L)	2546 (µS/cm)	44.4 (mV)	3.5 (gal)
14.39 (°C)	6.10 (std)	2.110 (g/L)	2587 (µS/cm)	46.1 (mV)	4.0 (gal)
(°C)	(std)	(g/L)	(µS/cm)	(mV)	(gal)
(°C)	(std)	(g/L)	(µS/cm)	(mV)	(gal)

FIELD COMMENTS

SAMPLE APPEARANCE: cloudy ODOR: None COLOR: very light brown SHEEN Y/(N)

WEATHER CONDITIONS: TEMPERATURE ~60° WINDY Y/(N) PRECIPITATION (Y)N (IF Y TYPE) rain

SPECIFIC COMMENTS:

8.29 x 0.16 = 1.3264 x 3 = 3.9792

I CERTIFY THAT SAMPLING PROCEDURES WERE IN ACCORDANCE WITH APPLICABLE CRA PROTOCOLS

10.4.11 Jason Moss

DATE PRINT SIGNATURE

WELL SAMPLING FIELD INFORMATION FORM

SITE/PROJECT NAME: Hampton No. 4M JOB# 074927

SAMPLE ID: GW-074928-100411-CM-005 WELL# MW-11

WELL PURGING INFORMATION

PURGE DATE (MM DD YY)	SAMPLE DATE (MM DD YY)	SAMPLE TIME (24 HOUR)	WATER VOL. IN CASING (GALLONS)	ACTUAL VOL. PURGED (GALLONS)
10-11-11	10-11-11	1445	1.99	6.00

PURGING AND SAMPLING EQUIPMENT

PURGING EQUIPMENT.....DEDICATED (Y) N (CIRCLE ONE)

SAMPLING EQUIPMENT.....DEDICATED (Y) N (CIRCLE ONE)

PURGING DEVICE	G	A - SUBMERSIBLE PUMP B - PERISTALTIC PUMP	D - GAS LIFT PUMP E - PURGE PUMP	G - BAILER H - WATERRA®	X= PURGING DEVICE OTHER (SPECIFY)
SAMPLING DEVICE	G	C - BLADDER PUMP	F - DIPPER BOTTLE	X - OTHER	X= SAMPLING DEVICE OTHER (SPECIFY)
PURGING MATERIAL	E	A - TEFLON B - STAINLESS STEEL	D - PVC E - POLYETHYLENE		X= PURGING MATERIAL OTHER (SPECIFY)
SAMPLING MATERIAL	E	C - POLYPROPYLENE	X - OTHER		X= SAMPLING MATERIAL OTHER (SPECIFY)
PURGE TUBING	C	A - TEFLON B - TYGON	D - POLYPROPYLENE E - POLYETHYLENE	G - COMBINATION TEFLON/POLYPROPYLENE	X= PURGE TUBING OTHER (SPECIFY)
SAMPLING TUBING	C	C - ROPE	F - SILICONE	X - OTHER	X= SAMPLING TUBING OTHER (SPECIFY)
FILTERING DEVICES 0.45	N/A	A - IN-LINE DISPOSABLE	B - PRESSURE	C - VACUUM	

FIELD MEASUREMENTS

DEPTH TO WATER 56.21 (feet) WELL ELEVATION 6015.75 (feet)

WELL DEPTH 68.70 (feet) GROUNDWATER ELEVATION 5959.54 (feet)

TEMPERATURE	pH	TDS	CONDUCTIVITY	ORP	VOLUME
13.90 (°C)	6.85 (std)	1.517 (g/L)	1847 (µS/cm)	-84.5 (mV)	5.0 (gal)
13.95 (°C)	6.80 (std)	1.518 (g/L)	1843 (µS/cm)	-87.1 (mV)	5.5 (gal)
13.98 (°C)	6.75 (std)	1.517 (g/L)	1842 (µS/cm)	-86.0 (mV)	6.0 (gal)
(°C)	(std)	(g/L)	(µS/cm)	(mV)	(gal)
(°C)	(std)	(g/L)	(µS/cm)	(mV)	(gal)

FIELD COMMENTS

SAMPLE APPEARANCE: ODOR: — COLOR: clear SHEEN Y/(N)

WEATHER CONDITIONS: TEMPERATURE WINDY Y/(N) PRECIPITATION Y/(N) (IF Y TYPE)

SPECIFIC COMMENTS:

12.49 x 0.16 = 1.99 x 3 = 5.9952

I CERTIFY THAT SAMPLING PROCEDURES WERE IN ACCORDANCE WITH APPLICABLE CRA PROTOCOLS

10.11.11 Jason Ross

DATE PRINT SIGNATURE

WELL SAMPLING FIELD INFORMATION FORM

SITE/PROJECT NAME: Hampton 4M JOB# 074927

SAMPLE ID: GW-074928-100411-CM-003 WELL# MW-12

WELL PURGING INFORMATION

PURGE DATE (MM DD YY)	SAMPLE DATE (MM DD YY)	SAMPLE TIME (24 HOUR)	WATER VOL. IN CASING (GALLONS)	ACTUAL VOL. PURGED (GALLONS)
10.4.11	10.4.11	1105	1.344	4.25

PURGING AND SAMPLING EQUIPMENT

PURGING EQUIPMENT.....DEDICATED (Y) N (CIRCLE ONE)

SAMPLING EQUIPMENT.....DEDICATED (Y) N (CIRCLE ONE)

PURGING DEVICE	G	A - SUBMERSIBLE PUMP	D - GAS LIFT PUMP	G - BAILER	X= PURGING DEVICE OTHER (SPECIFY)
		B - PERISTALTIC PUMP	E - PURGE PUMP	H - WATERRA®	
SAMPLING DEVICE	G	C - BLADDER PUMP	F - DIPPER BOTTLE	X - OTHER	X= SAMPLING DEVICE OTHER (SPECIFY)
PURGING MATERIAL	E	A - TEFLON	D - PVC		X= PURGING MATERIAL OTHER (SPECIFY)
		B - STAINLESS STEEL	E - POLYETHYLENE		
SAMPLING MATERIAL	E	C - POLYPROPYLENE	X - OTHER		X= SAMPLING MATERIAL OTHER (SPECIFY)
PURGE TUBING	C	A - TEFLON	D - POLYPROPYLENE	G - COMBINATION TEFLON/POLYPROPYLENE	X= PURGE TUBING OTHER (SPECIFY)
		B - TYGON	E - POLYETHYLENE		
SAMPLING TUBING	C	C - ROPE	F - SILICONE	X - OTHER	X= SAMPLING TUBING OTHER (SPECIFY)
FILTERING DEVICES 0.45	N/A	A - IN-LINE DISPOSABLE	B - PRESSURE	C - VACUUM	

FIELD MEASUREMENTS

DEPTH TO WATER	21.76	(feet)	WELL ELEVATION		(feet)
WELL DEPTH	30.16	(feet)	GROUNDWATER ELEVATION		(feet)

TEMPERATURE	pH	TDS	CONDUCTIVITY	ORP	VOLUME
14.06 (°C)	5.22 (std)	1,823 (g/L)	2216 (µS/cm)	16.3 (mV)	3.0 (gal)
14.14 (°C)	6.00 (std)	1,860 (g/L)	2270 (µS/cm)	-51.2 (mV)	4.25 (gal)
(°C)	(std)	(g/L)	(µS/cm)	(mV)	(gal)
(°C)	(std)	(g/L)	(µS/cm)	(mV)	(gal)
(°C)	(std)	(g/L)	(µS/cm)	(mV)	(gal)

FIELD COMMENTS

SAMPLE APPEARANCE: cloudy ODOR: hydrocarbon/bio COLOR: gray SHEEN Y/N slight, spotty sheen

WEATHER CONDITIONS: TEMPERATURE ~60° WINDY Y/N PRECIPITATION Y/N (IF Y TYPE) rain

SPECIFIC COMMENTS:

0.4 x 0.16 = 1.344 x 3 = 4.032

I CERTIFY THAT SAMPLING PROCEDURES WERE IN ACCORDANCE WITH APPLICABLE CRA PROTOCOLS

10.4.11 DATE | Jason Ross PRINT | SIGNATURE

WELL SAMPLING FIELD INFORMATION FORM

SITE/PROJECT NAME: Hampton JOB# 074927

SAMPLE ID: GW-074928-100411-CM-001 WELL# MW-15

WELL PURGING INFORMATION

PURGE DATE (MM DD YY)	SAMPLE DATE (MM DD YY)	SAMPLE TIME (24 HOUR)	WATER VOL. IN CASING (GALLONS)	ACTUAL VOL. PURGED (GALLONS)
10.4.11	10.4.11	0950	1.01	3.25

PURGING AND SAMPLING EQUIPMENT

PURGING EQUIPMENT.....DEDICATED (Y) N (CIRCLE ONE)

SAMPLING EQUIPMENT.....DEDICATED (Y) N (CIRCLE ONE)

PURGING DEVICE	G	A - SUBMERSIBLE PUMP B - PERISTALTIC PUMP	D - GAS LIFT PUMP E - PURGE PUMP	G - BAILER H - WATERRA®	X= PURGING DEVICE OTHER (SPECIFY)
SAMPLING DEVICE	G	C - BLADDER PUMP	F - DIPPER BOTTLE	X - OTHER	X= SAMPLING DEVICE OTHER (SPECIFY)
PURGING MATERIAL	E	A - TEFLON B - STAINLESS STEEL	D - PVC E - POLYETHYLENE		X= PURGING MATERIAL OTHER (SPECIFY)
SAMPLING MATERIAL	E	C - POLYPROPYLENE	X - OTHER		X= SAMPLING MATERIAL OTHER (SPECIFY)
PURGE TUBING	C	A - TEFLON B - TYGON	D - POLYPROPYLENE E - POLYETHYLENE	G - COMBINATION TEFLON/POLYPROPYLENE	X= PURGE TUBING OTHER (SPECIFY)
SAMPLING TUBING	C	C - ROPE	F - SILICONE	X - OTHER	X= SAMPLING TUBING OTHER (SPECIFY)
FILTERING DEVICES 0.45	N/A	A - IN-LINE DISPOSABLE	B - PRESSURE	C - VACUUM	

FIELD MEASUREMENTS

DEPTH TO WATER 18.64 (feet) WELL ELEVATION — (feet)

WELL DEPTH 24.95 (feet) GROUNDWATER ELEVATION — (feet)

TEMPERATURE	pH	TDS	CONDUCTIVITY	ORP	VOLUME
14.94 (°C)	4.15 (std)	1.902 (g/L)	2364 (µS/cm)	278.8 (mV)	2.25 (gal)
16.49 (°C)	3.99 (std)	1.893 (g/L)	2382 (µS/cm)	291.3 (mV)	2.75 (gal)
15.60 (°C)	3.96 (std)	1.883 (g/L)	2384 (µS/cm)	303.6 (mV)	3.25 (gal)
(°C)	(std)	(g/L)	(µS/cm)	(mV)	(gal)
(°C)	(std)	(g/L)	(µS/cm)	(mV)	(gal)

FIELD COMMENTS

SAMPLE APPEARANCE: cloudy ODOR: none COLOR: very light brown SHEEN Y/(N)

WEATHER CONDITIONS: TEMPERATURE ~65° WINDY (Y)/N breezy PRECIPITATION (Y)/N (IF Y TYPE) rain

SPECIFIC COMMENTS:

6.31 x 0.16 = 1.0096 x 3 = 3.03

I CERTIFY THAT SAMPLING PROCEDURES WERE IN ACCORDANCE WITH APPLICABLE CRA PROTOCOLS

10.4.11 Jason Ploss

DATE PRINT SIGNATURE

WELL SAMPLING FIELD INFORMATION FORM

ATE/PROJECT NAME: Hampton 4M JOB# 074927

SAMPLE ID: No Sample Collected WELL# MW-16

WELL PURGING INFORMATION

PURGE DATE (MM DD YY)	SAMPLE DATE (MM DD YY)	SAMPLE TIME (24 HOUR)	WATER VOL. IN CASING (GALLONS)	ACTUAL VOL. PURGED (GALLONS)
			2.385	

PURGING AND SAMPLING EQUIPMENT

PURGING EQUIPMENT.....DEDICATED Y N (CIRCLE ONE)

SAMPLING EQUIPMENT.....DEDICATED Y N (CIRCLE ONE)

PURGING DEVICE		A - SUBMERSIBLE PUMP	D - GAS LIFT PUMP	G - BAILER	X= PURGING DEVICE OTHER (SPECIFY)
SAMPLING DEVICE		B - PERISTALTIC PUMP C - BLADDER PUMP	E - PURGE PUMP F - DIPPER BOTTLE	H - WATERRA® X - OTHER	X= SAMPLING DEVICE OTHER (SPECIFY)
PURGING MATERIAL		A - TEFLON	D - PVC		X= PURGING MATERIAL OTHER (SPECIFY)
SAMPLING MATERIAL		B - STAINLESS STEEL C - POLYPROPYLENE	E - POLYETHYLENE X - OTHER		X= SAMPLING MATERIAL OTHER (SPECIFY)
PURGE TUBING		A - TEFLON	D - POLYPROPYLENE	G - COMBINATION TEFLON/POLYPROPYLENE	X= PURGE TUBING OTHER (SPECIFY)
SAMPLING TUBING		B - TYGON C - ROPE	E - POLYETHYLENE F - SILICONE	X - OTHER	X= SAMPLING TUBING OTHER (SPECIFY)
FILTERING DEVICES 0.45		A - IN-LINE DISPOSABLE	B - PRESSURE	C - VACUUM	

FIELD MEASUREMENTS

DEPTH TO WATER (feet) WELL ELEVATION (feet)

WELL DEPTH (feet) GROUNDWATER ELEVATION (feet)

TEMPERATURE	pH	TDS	CONDUCTIVITY	ORP	VOLUME
(°C)	(std)	(g/L)	(µS/cm)	(mV)	(gal)
(°C)	(std)	(g/L)	(µS/cm)	(mV)	(gal)
(°C)	(std)	(g/L)	(µS/cm)	(mV)	(gal)
(°C)	(std)	(g/L)	(µS/cm)	(mV)	(gal)
(°C)	(std)	(g/L)	(µS/cm)	(mV)	(gal)

FIELD COMMENTS

SAMPLE APPEARANCE: ODOR: COLOR: SHEEN Y/N

WEATHER CONDITIONS: TEMPERATURE WINDY Y/N PRECIPITATION Y/N (IF Y TYPE)

SPECIFIC COMMENTS:

0.65 2.385 7.156

3.67 x ~~0.16~~ = ~~0.5872~~ x 3 = ~~1.76~~

No sample collected due to LNAPL in well

I CERTIFY THAT SAMPLING PROCEDURES WERE IN ACCORDANCE WITH APPLICABLE CRA PROTOCOLS

10.4.11 Jason Hess

DATE PRINT SIGNATURE

WELL SAMPLING FIELD INFORMATION FORM

SITE/PROJECT NAME: Hampton N. 4M JOB# 074927

SAMPLE ID: Not Sampled WELL# TMW-1

WELL PURGING INFORMATION

PURGE DATE (MM DD YY)	SAMPLE DATE (MM DD YY)	SAMPLE TIME (24 HOUR)	WATER VOL. IN CASING (GALLONS)	ACTUAL VOL. PURGED (GALLONS)
10.11.11	—	—	0.037	—

PURGING AND SAMPLING EQUIPMENT

PURGING EQUIPMENT.....DEDICATED (Y) N (CIRCLE ONE)

SAMPLING EQUIPMENT.....DEDICATED (Y) N (CIRCLE ONE)

PURGING DEVICE	G	A - SUBMERSIBLE PUMP B - PERISTALTIC PUMP	D - GAS LIFT PUMP E - PURGE PUMP	G - BAILER H - WATERRA®	X= PURGING DEVICE OTHER (SPECIFY)
SAMPLING DEVICE	G	C - BLADDER PUMP	F - DIPPER BOTTLE	X - OTHER	X= SAMPLING DEVICE OTHER (SPECIFY)
PURGING MATERIAL	E	A - TEFLON B - STAINLESS STEEL	D - PVC E - POLYETHYLENE		X= PURGING MATERIAL OTHER (SPECIFY)
SAMPLING MATERIAL	E	C - POLYPROPYLENE	X - OTHER		X= SAMPLING MATERIAL OTHER (SPECIFY)
PURGE TUBING	C	A - TEFLON B - TYGON	D - POLYPROPYLENE E - POLYETHYLENE	G - COMBINATION TEFLON/POLYPROPYLENE	X= PURGE TUBING OTHER (SPECIFY)
SAMPLING TUBING	C	C - ROPE	F - SILICONE	X - OTHER	X= SAMPLING TUBING OTHER (SPECIFY)
FILTERING DEVICES 0.45	—	A - IN-LINE DISPOSABLE	B - PRESSURE	C - VACUUM	

FIELD MEASUREMENTS

DEPTH TO WATER	19.39 (feet)		WELL ELEVATION	—	(feet)
WELL DEPTH	19.62 (feet)		GROUNDWATER ELEVATION	—	(feet)

TEMPERATURE	pH	TDS	CONDUCTIVITY	ORP	VOLUME
(°C)	(std)	(g/L)	(µS/cm)	(mV)	(gal)
(°C)	(std)	(g/L)	(µS/cm)	(mV)	(gal)
(°C)	(std)	(g/L)	(µS/cm)	(mV)	(gal)
(°C)	(std)	(g/L)	(µS/cm)	(mV)	(gal)
(°C)	(std)	(g/L)	(µS/cm)	(mV)	(gal)

FIELD COMMENTS

SAMPLE APPEARANCE: ODOR: COLOR: SHEEN Y/N

WEATHER CONDITIONS: TEMPERATURE WINDY Y/N PRECIPITATION Y/N (IF Y TYPE)

SPECIFIC COMMENTS:

Volume = 0.23 x 0.16 = 0.0368 x 3 = 0.11

Baled dry after less than 2oz H_2O. Purge water black w/ hydrocarbon/bio odor

I CERTIFY THAT SAMPLING PROCEDURES WERE IN ACCORDANCE WITH APPLICABLE CRA PROTOCOLS

10.11.11 Jason Ploss

DATE PRINT SIGNATURE

APPENDIX B

OCTOBER 2011 ANNUAL GROUNDWATER LABORATORY ANALYTICAL REPORT

Pace Analytical Services, Inc.
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

October 17, 2011

Angela Bown
COP Conestoga-Rovers & Associa
6121 Indian School Rd
#200
Albuquerque, NM 87110

RE: Project: HAMPTON NO. 4M
Pace Project No.: 60107485

Dear Angela Bown:
Enclosed are the analytical results for sample(s) received by the laboratory on October 05, 2011. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards, where applicable, unless otherwise narrated in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Anna Custer for
Dianna Meier
dianna.meier@pacelabs.com
Project Manager

Enclosures

cc: Kelly Blanchard, COP Conestoga-Rovers & Associa
Cassie Brown, COP Conestoga-Rovers & Associa

Pace Analytical Services, Inc.
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Lenexa, KS 66219
(913)599-5665

CERTIFICATIONS

Project: HAMPTON NO. 4M
Pace Project No.: 60107485

Kansas Certification IDs
9608 Loiret Boulevard, Lenexa, KS 66219
A2LA Certification #: 2456.01
Arkansas Certification #: 05-008-0
Illinois Certification #: 001191
Iowa Certification #: 118
Kansas/NELAP Certification #: E-10116
Louisiana Certification #: 03055
Nevada Certification #: KS000212008A
Oklahoma Certification #: 9205/9935
Texas Certification #: T104704407-08-TX
Utah Certification #: 9135995665

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SAMPLE SUMMARY

Project: HAMPTON NO. 4M
Pace Project No.: 60107485

Lab ID	Sample ID	Matrix	Date Collected	Date Received
60107485001	GW-074928-100411-CM-001	Water	10/04/11 09:50	10/05/11 09:10
60107485002	GW-074928-100411-CM-002	Water	10/04/11 10:25	10/05/11 09:10
60107485003	GW-074928-100411-CM-003	Water	10/04/11 11:05	10/05/11 09:10
60107485004	GW-074928-100411-CM-004	Water	10/04/11 11:15	10/05/11 09:10
60107485005	TB-100411-001	Water	10/04/11 16:30	10/05/11 09:10

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SAMPLE ANALYTE COUNT

Project: HAMPTON NO. 4M
Pace Project No.: 60107485

Lab ID	Sample ID	Method	Analysts	Analytes Reported
60107485001	GW-074928-100411-CM-001	EPA 8260	JDM	9
60107485002	GW-074928-100411-CM-002	EPA 8260	JDM	9
60107485003	GW-074928-100411-CM-003	EPA 8260	JDM	9
60107485004	GW-074928-100411-CM-004	EPA 8260	JDM	9
60107485005	TB-100411-001	EPA 8260	JDM	9

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PROJECT NARRATIVE

Project: HAMPTON NO. 4M
Pace Project No.: 60107485

Method: **EPA 8260**
Description: 8260 MSV UST, Water
Client: COP Conestoga-Rovers & Associates, Inc. NM
Date: October 17, 2011

General Information:
5 samples were analyzed for EPA 8260. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: MSV/40815

A matrix spike/matrix spike duplicate was not performed due to insufficient sample volume.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

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ANALYTICAL RESULTS

Project: HAMPTON NO. 4M
Pace Project No.: 60107485

Sample: GW-074928-100411-CM-001 **Lab ID: 60107485001** Collected: 10/04/11 09:50 Received: 10/05/11 09:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST, Water	Analytical Method: EPA 8260								
Benzene	ND	ug/L	1.0	0.070	1		10/13/11 02:01	71-43-2	
Ethylbenzene	ND	ug/L	1.0	0.078	1		10/13/11 02:01	100-41-4	
Toluene	ND	ug/L	1.0	0.064	1		10/13/11 02:01	108-88-3	
Xylene (Total)	ND	ug/L	3.0	0.15	1		10/13/11 02:01	1330-20-7	
Dibromofluoromethane (S)	95	%	86-112		1		10/13/11 02:01	1868-53-7	
Toluene-d8 (S)	104	%	90-110		1		10/13/11 02:01	2037-26-5	
4-Bromofluorobenzene (S)	100	%	87-113		1		10/13/11 02:01	460-00-4	
1,2-Dichloroethane-d4 (S)	97	%	82-119		1		10/13/11 02:01	17060-07-0	
Preservation pH	**1.0**		1.0	0.10	1		10/13/11 02:01		

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ANALYTICAL RESULTS

Project: HAMPTON NO. 4M
Pace Project No.: 60107485

Sample: GW-074928-100411-CM-002 **Lab ID: 60107485002** Collected: 10/04/11 10:25 Received: 10/05/11 09:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST, Water	Analytical Method: EPA 8260								
Benzene	ND	ug/L	1.0	0.070	1		10/13/11 02:16	71-43-2	
Ethylbenzene	ND	ug/L	1.0	0.078	1		10/13/11 02:16	100-41-4	
Toluene	ND	ug/L	1.0	0.064	1		10/13/11 02:16	108-88-3	
Xylene (Total)	ND	ug/L	3.0	0.15	1		10/13/11 02:16	1330-20-7	
Dibromofluoromethane (S)	96	%	86-112		1		10/13/11 02:16	1868-53-7	
Toluene-d8 (S)	103	%	90-110		1		10/13/11 02:16	2037-26-5	
4-Bromofluorobenzene (S)	102	%	87-113		1		10/13/11 02:16	460-00-4	
1,2-Dichloroethane-d4 (S)	101	%	82-119		1		10/13/11 02:16	17060-07-0	
Preservation pH	**1.0**		1.0	0.10	1		10/13/11 02:16		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

ANALYTICAL RESULTS

Project: HAMPTON NO. 4M
Pace Project No.: 60107485

Sample: GW-074928-100411-CM-003 **Lab ID: 60107485003** Collected: 10/04/11 11:05 Received: 10/05/11 09:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST, Water	Analytical Method: EPA 8260								
Benzene	**494**	ug/L	10.0	0.70	10		10/13/11 02:32	71-43-2	
Ethylbenzene	**23.5**	ug/L	10.0	0.78	10		10/13/11 02:32	100-41-4	
Toluene	ND	ug/L	10.0	0.64	10		10/13/11 02:32	108-88-3	
Xylene (Total)	ND	ug/L	30.0	1.5	10		10/13/11 02:32	1330-20-7	
Dibromofluoromethane (S)	96	%	86-112		10		10/13/11 02:32	1868-53-7	
Toluene-d8 (S)	102	%	90-110		10		10/13/11 02:32	2037-26-5	
4-Bromofluorobenzene (S)	100	%	87-113		10		10/13/11 02:32	460-00-4	
1,2-Dichloroethane-d4 (S)	99	%	82-119		10		10/13/11 02:32	17060-07-0	
Preservation pH	**1.0**		1.0	0.10	10		10/13/11 02:32		

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ANALYTICAL RESULTS

Project: HAMPTON NO. 4M
Pace Project No.: 60107485

Sample: GW-074928-100411-CM-004 **Lab ID: 60107485004** Collected: 10/04/11 11:15 Received: 10/05/11 09:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST, Water	Analytical Method: EPA 8260								
Benzene	ND	ug/L	1.0	0.070	1		10/13/11 02:47	71-43-2	
Ethylbenzene	ND	ug/L	1.0	0.078	1		10/13/11 02:47	100-41-4	
Toluene	ND	ug/L	1.0	0.064	1		10/13/11 02:47	108-88-3	
Xylene (Total)	ND	ug/L	3.0	0.15	1		10/13/11 02:47	1330-20-7	
Dibromofluoromethane (S)	98	%	86-112		1		10/13/11 02:47	1868-53-7	
Toluene-d8 (S)	96	%	90-110		1		10/13/11 02:47	2037-26-5	
4-Bromofluorobenzene (S)	100	%	87-113		1		10/13/11 02:47	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	82-119		1		10/13/11 02:47	17060-07-0	
Preservation pH	**1.0**		1.0	0.10	1		10/13/11 02:47		

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ANALYTICAL RESULTS

Project: HAMPTON NO. 4M
Pace Project No.: 60107485

Sample: TB-100411-001 **Lab ID: 60107485005** Collected: 10/04/11 16:30 Received: 10/05/11 09:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST, Water	Analytical Method: EPA 8260								
Benzene	ND	ug/L	1.0	0.070	1		10/13/11 03:03	71-43-2	
Ethylbenzene	ND	ug/L	1.0	0.078	1		10/13/11 03:03	100-41-4	
Toluene	ND	ug/L	1.0	0.064	1		10/13/11 03:03	108-88-3	
Xylene (Total)	ND	ug/L	3.0	0.15	1		10/13/11 03:03	1330-20-7	
Dibromofluoromethane (S)	99	%	86-112		1		10/13/11 03:03	1868-53-7	
Toluene-d8 (S)	98	%	90-110		1		10/13/11 03:03	2037-26-5	
4-Bromofluorobenzene (S)	107	%	87-113		1		10/13/11 03:03	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	82-119		1		10/13/11 03:03	17060-07-0	
Preservation pH	**1.0**		1.0	0.10	1		10/13/11 03:03		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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QUALITY CONTROL DATA

Project: HAMPTON NO. 4M
Pace Project No.: 60107485

QC Batch: MSV/40815 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV UST-WATER
Associated Lab Samples: 60107485001, 60107485002, 60107485003, 60107485004, 60107485005

METHOD BLANK: 890201 Matrix: Water
Associated Lab Samples: 60107485001, 60107485002, 60107485003, 60107485004, 60107485005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzene	ug/L	ND	1.0	10/12/11 23:40	
Ethylbenzene	ug/L	ND	1.0	10/12/11 23:40	
Toluene	ug/L	ND	1.0	10/12/11 23:40	
Xylene (Total)	ug/L	ND	3.0	10/12/11 23:40	
1,2-Dichloroethane-d4 (S)	%	98	82-119	10/12/11 23:40	
4-Bromofluorobenzene (S)	%	101	87-113	10/12/11 23:40	
Dibromofluoromethane (S)	%	91	86-112	10/12/11 23:40	
Toluene-d8 (S)	%	104	90-110	10/12/11 23:40	

LABORATORY CONTROL SAMPLE: 890202

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	20	18.6	93	82-117	
Ethylbenzene	ug/L	20	20.1	101	79-121	
Toluene	ug/L	20	19.5	97	80-120	
Xylene (Total)	ug/L	60	59.2	99	79-120	
1,2-Dichloroethane-d4 (S)	%			103	82-119	
4-Bromofluorobenzene (S)	%			102	87-113	
Dibromofluoromethane (S)	%			100	86-112	
Toluene-d8 (S)	%			104	90-110	

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QUALIFIERS

Project: HAMPTON NO. 4M
Pace Project No.: 60107485

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

BATCH QUALIFIERS

Batch: MSV/40815

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: HAMPTON NO. 4M
Pace Project No.: 60107485

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60107485001	**GW-074928-100411-CM-001**	EPA 8260	MSV/40815		
60107485002	**GW-074928-100411-CM-002**	EPA 8260	MSV/40815		
60107485003	**GW-074928-100411-CM-003**	EPA 8260	MSV/40815		
60107485004	**GW-074928-100411-CM-004**	EPA 8260	MSV/40815		
60107485005	**TB-100411-001**	EPA 8260	MSV/40815		

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: 1 of 1

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	CRA	Report To:	Christine Mathews	Attention:	ENFOS
Address:	6121 Indian School Rd NE, Ste 200	Copy To:	Kelly Blanchard, Angela Bown	Company Name:	
	Albequerque, NM 87110			Address:	
Email To:	cmathews@craworld.com	Purchase Order No.:		Pace Quote Reference:	
Phone: (505)884-0672	Fax: (505)884-4932	Project Name:	Hampton No. 4M	Pace Project Manager:	Colleen Koporc
Requested Due Date/TAT:		Project Number:	074928	Pace Profile #:	5341, 5

REGULATORY AGENCY: NPDES / GROUND WATER [X] / DRINKING WATER / UST / RCRA / OTHER

Site Location STATE: NM

Section D Required Client Information

Valid Matrix Codes: DRINKING WATER DW; WATER WT; WASTE WATER WW; PRODUCT P; SOIL/SOLID SL; OIL OL; WIPE WP; AIR AR; OTHER OT; TISSUE TS

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

Requested Analysis Filtered (Y/N)

Pace Project No./ Lab I.D.: 6107485

ITEM #	SAMPLE ID	MATRIX CODE	SAMPLE TYPE (G=GRAB C=COMP)	Composite Start DATE	Composite Start TIME	Composite End/Grab DATE	Composite End/Grab TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test	8260 BTEX		Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	GW-074928-100411-CM-001	WT	G			10.4.11	0950		3				X						X	3DG9H		001
2	GW-074928-100411-CM-002	WT	G			10.4.11	1025		3				X						X	↓		002
3	GW-074928-100411-CM-003	WT	G			10.4.11	1105		3				X						X	↓		003
4	GW-074928-100411-CM-004	WT	G			10.4.11	1115		3				X						X	↓		004
5	TB-100411-001	WT				10.4.11	1630		2				X						X	2DG9H		005
6																						
7																						
8																						
9																						
10																						
11																						
12																						

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
Need MDLs on report - J-flag	[signature]	10.4.11	1700	[signature]	10-5-11	0910	0.7	Y	Y	Y

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Jason Ploss

SIGNATURE of SAMPLER: [signature]

DATE Signed (MM/DD/YY): 10.4.11

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

F-ALL-Q-020rev.08, 12-Oct-2007

Sample Condition Upon Receipt

Pace Analytical® www.pacelabs.com

Client Name: CRA Project # 60107485

Courier: ☑ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace ☐ Other _____

Tracking #: 876800246750 Pace Shipping Label Used? ☐ Yes ☑ No

Optional
Proj. Due Date: 10/17/11
Proj. Name:

Custody Seal on Cooler/Box Present: ☑ Yes ☐ No Seals intact: ☑ Yes ☐ No

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☑ Foam ☐ None ☐ Other _____

Thermometer Used: T-191 / T-194 Type of Ice: Wet Blue None ☐ Samples on ice, cooling process has begun

Cooler Temperature: 0.7 PL 10-5-11

Temperature should be above freezing to 6°C

Comments:

Date and Initials of person examining contents: PL 10-5-11

Chain of Custody present:	☑Yes	☐No	☐N/A 1.
Chain of Custody filled out:	☑Yes	☐No	☐N/A 2.
Chain of Custody relinquished:	☑Yes	☐No	☐N/A 3.
Sampler name & signature on COC:	☑Yes	☐No	☐N/A 4.
Samples arrived within holding time:	☑Yes	☐No	☐N/A 5.
Short Hold Time analyses (<72hr):	☐Yes	☑No	☐N/A 6.
Rush Turn Around Time requested:	☐Yes	☑No	☐N/A 7.
Sufficient volume:	☑Yes	☐No	☐N/A 8.
Correct containers used:	☑Yes	☐No	☐N/A 9.
-Pace containers used:	☑Yes	☐No	☐N/A
Containers intact:	☑Yes	☐No	☐N/A 10.
Unpreserved 5035A soils frozen w/in 48hrs?	☐Yes	☐No	☑N/A 11.
Filtered volume received for dissolved tests	☐Yes	☐No	☑N/A 12.
Sample labels match COC:	☑Yes	☐No	☐N/A 13.
-Includes date/time/ID/analyses Matrix: WT			
All containers needing preservation have been checked.	☐Yes	☐No	☑N/A 14.
All containers needing preservation are found to be in compliance with EPA recommendation.	☐Yes	☐No	☑N/A
Exceptions: VOA, coliform, TOC, O&G, WI-DRO (water), Phenolics	☑Yes	☐No	Initial when completed _____ Lot # of added preservative _____
Trip Blank present:	☑Yes	☐No	☐N/A 15.
Pace Trip Blank lot # (if purchased): Cover			
Headspace in VOA vials (>6mm):	☐Yes	☑No	☐N/A 16.
Project sampled in USDA Regulated Area:	☐Yes	☐No	☑N/A 17. List State: _____

Client Notification/ Resolution: Copy COC to Client? Y / N Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: DKM

Project Manager Review: CBill for DKM 10/5/11 Date: _____

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

F-KS-C-003-Rev.05, 19February2010

Pace Analytical Services, Inc.
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Lenexa, KS 66219
(913)599-5665

October 25, 2011

Cassie Brown
COP Conestoga-Rovers & Associa

RE: Project: HAMPTON NO. 4M
Pace Project No.: 60108013

Dear Cassie Brown:
Enclosed are the analytical results for sample(s) received by the laboratory on October 13, 2011. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards, where applicable, unless otherwise narrated in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Colleen Koporc for
Dianna Meier
dianna.meier@pacelabs.com
Project Manager

Enclosures

cc: Kelly Blanchard, COP Conestoga-Rovers & Associa
Angela Bown, COP Conestoga-Rovers & Associa
Christine Matthews, CRA

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CERTIFICATIONS

Project: HAMPTON NO. 4M
Pace Project No.: 60108013

Kansas Certification IDs
9608 Loiret Boulevard, Lenexa, KS 66219
A2LA Certification #: 2456.01
Arkansas Certification #: 05-008-0
Illinois Certification #: 001191
Iowa Certification #: 118
Kansas/NELAP Certification #: E-10116
Louisiana Certification #: 03055
Nevada Certification #: KS000212008A
Oklahoma Certification #: 9205/9935
Texas Certification #: T104704407-08-TX
Utah Certification #: 9135995665

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SAMPLE SUMMARY

Project: HAMPTON NO. 4M
Pace Project No.: 60108013

Lab ID	Sample ID	Matrix	Date Collected	Date Received
60108013001	GW-07 4928-100411-CM-005	Water	10/11/11 14:45	10/13/11 09:10
60108013002	GW-07 4928-100411-CM-006	Water	10/12/11 09:20	10/13/11 09:10
60108013003	GW-07 4928-100411-CM-007	Water	10/12/11 09:25	10/13/11 09:10
60108013004	TB-101211-001	Water	10/12/11 17:30	10/13/11 09:10

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SAMPLE ANALYTE COUNT

Project: HAMPTON NO. 4M
Pace Project No.: 60108013

Lab ID	Sample ID	Method	Analysts	Analytes Reported
60108013001	GW-07 4928-100411-CM-005	EPA 8260	HMW	9
60108013002	GW-07 4928-100411-CM-006	EPA 8260	HMW	9
60108013003	GW-07 4928-100411-CM-007	EPA 8260	JDM	9
60108013004	TB-101211-001	EPA 8260	JDM	9

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PROJECT NARRATIVE

Project: HAMPTON NO. 4M
Pace Project No.: 60108013

Method: **EPA 8260**
Description: 8260 MSV UST, Water
Client: COP Conestoga-Rovers & Associates, Inc. NM
Date: October 25, 2011

General Information:
4 samples were analyzed for EPA 8260. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: MSV/41017

A matrix spike/matrix spike duplicate was not performed due to insufficient sample volume.

QC Batch: MSV/41043

A matrix spike/matrix spike duplicate was not performed due to insufficient sample volume.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

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ANALYTICAL RESULTS

Project: HAMPTON NO. 4M
Pace Project No.: 60108013

Sample: GW-07 4928-100411-CM-005 **Lab ID: 60108013001** Collected: 10/11/11 14:45 Received: 10/13/11 09:10 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST, Water	Analytical Method: EPA 8260							
Benzene	ND	ug/L	1.0	1		10/19/11 18:20	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		10/19/11 18:20	100-41-4	
Toluene	ND	ug/L	1.0	1		10/19/11 18:20	108-88-3	
Xylene (Total)	ND	ug/L	3.0	1		10/19/11 18:20	1330-20-7	
Dibromofluoromethane (S)	96	%	86-112	1		10/19/11 18:20	1868-53-7	
Toluene-d8 (S)	99	%	90-110	1		10/19/11 18:20	2037-26-5	
4-Bromofluorobenzene (S)	101	%	87-113	1		10/19/11 18:20	460-00-4	
1,2-Dichloroethane-d4 (S)	94	%	82-119	1		10/19/11 18:20	17060-07-0	
Preservation pH	**1.0**		1.0	1		10/19/11 18:20		

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ANALYTICAL RESULTS

Project: HAMPTON NO. 4M
Pace Project No.: 60108013

Sample: GW-07 4928-100411-CM-006 **Lab ID: 60108013002** Collected: 10/12/11 09:20 Received: 10/13/11 09:10 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST, Water	Analytical Method: EPA 8260							
Benzene	**65.2**	ug/L	10.0	10		10/19/11 18:36	71-43-2	
Ethylbenzene	**443**	ug/L	10.0	10		10/19/11 18:36	100-41-4	
Toluene	**1220**	ug/L	10.0	10		10/19/11 18:36	108-88-3	
Xylene (Total)	**3210**	ug/L	30.0	10		10/19/11 18:36	1330-20-7	
Dibromofluoromethane (S)	95	%	86-112	10		10/19/11 18:36	1868-53-7	
Toluene-d8 (S)	100	%	90-110	10		10/19/11 18:36	2037-26-5	
4-Bromofluorobenzene (S)	100	%	87-113	10		10/19/11 18:36	460-00-4	
1,2-Dichloroethane-d4 (S)	85	%	82-119	10		10/19/11 18:36	17060-07-0	
Preservation pH	**1.0**		1.0	10		10/19/11 18:36		

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ANALYTICAL RESULTS

Project: HAMPTON NO. 4M
Pace Project No.: 60108013

Sample: GW-07 4928-100411-CM-007 **Lab ID: 60108013003** Collected: 10/12/11 09:25 Received: 10/13/11 09:10 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST, Water	Analytical Method: EPA 8260							
Benzene	**79.6**	ug/L	10.0	10		10/21/11 03:31	71-43-2	
Ethylbenzene	**488**	ug/L	10.0	10		10/21/11 03:31	100-41-4	
Toluene	**1220**	ug/L	10.0	10		10/21/11 03:31	108-88-3	
Xylene (Total)	**3460**	ug/L	30.0	10		10/21/11 03:31	1330-20-7	
Dibromofluoromethane (S)	99	%	86-112	10		10/21/11 03:31	1868-53-7	
Toluene-d8 (S)	98	%	90-110	10		10/21/11 03:31	2037-26-5	
4-Bromofluorobenzene (S)	94	%	87-113	10		10/21/11 03:31	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	82-119	10		10/21/11 03:31	17060-07-0	
Preservation pH	**1.0**		1.0	10		10/21/11 03:31		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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ANALYTICAL RESULTS

Project: HAMPTON NO. 4M
Pace Project No.: 60108013

Sample: TB-101211-001 **Lab ID: 60108013004** Collected: 10/12/11 17:30 Received: 10/13/11 09:10 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST, Water	Analytical Method: EPA 8260							
Benzene	ND	ug/L	1.0	1		10/21/11 03:46	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		10/21/11 03:46	100-41-4	
Toluene	ND	ug/L	1.0	1		10/21/11 03:46	108-88-3	
Xylene (Total)	ND	ug/L	3.0	1		10/21/11 03:46	1330-20-7	
Dibromofluoromethane (S)	101	%	86-112	1		10/21/11 03:46	1868-53-7	
Toluene-d8 (S)	97	%	90-110	1		10/21/11 03:46	2037-26-5	
4-Bromofluorobenzene (S)	97	%	87-113	1		10/21/11 03:46	460-00-4	
1,2-Dichloroethane-d4 (S)	99	%	82-119	1		10/21/11 03:46	17060-07-0	
Preservation pH	**1.0**		1.0	1		10/21/11 03:46		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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QUALITY CONTROL DATA

Project: HAMPTON NO. 4M
Pace Project No.: 60108013

QC Batch: MSV/41017 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV UST-WATER
Associated Lab Samples: 60108013001, 60108013002

METHOD BLANK: 894178 Matrix: Water
Associated Lab Samples: 60108013001, 60108013002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzene	ug/L	ND	1.0	10/19/11 14:33	
Ethylbenzene	ug/L	ND	1.0	10/19/11 14:33	
Toluene	ug/L	ND	1.0	10/19/11 14:33	
Xylene (Total)	ug/L	ND	3.0	10/19/11 14:33	
1,2-Dichloroethane-d4 (S)	%	88	82-119	10/19/11 14:33	
4-Bromofluorobenzene (S)	%	96	87-113	10/19/11 14:33	
Dibromofluoromethane (S)	%	98	86-112	10/19/11 14:33	
Toluene-d8 (S)	%	90	90-110	10/19/11 14:33	

LABORATORY CONTROL SAMPLE: 894179

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	20	18.7	94	82-117	
Ethylbenzene	ug/L	20	16.5	83	79-121	
Toluene	ug/L	20	19.4	97	80-120	
Xylene (Total)	ug/L	60	50.7	85	79-120	
1,2-Dichloroethane-d4 (S)	%			108	82-119	
4-Bromofluorobenzene (S)	%			94	87-113	
Dibromofluoromethane (S)	%			103	86-112	
Toluene-d8 (S)	%			101	90-110	

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QUALITY CONTROL DATA

Project: HAMPTON NO. 4M
Pace Project No.: 60108013

QC Batch: MSV/41043
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV UST-WATER
Associated Lab Samples: 60108013003, 60108013004

METHOD BLANK: 894834 Matrix: Water
Associated Lab Samples: 60108013003, 60108013004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzene	ug/L	ND	1.0	10/20/11 22:39	
Ethylbenzene	ug/L	ND	1.0	10/20/11 22:39	
Toluene	ug/L	ND	1.0	10/20/11 22:39	
Xylene (Total)	ug/L	ND	3.0	10/20/11 22:39	
1,2-Dichloroethane-d4 (S)	%	100	82-119	10/20/11 22:39	
4-Bromofluorobenzene (S)	%	99	87-113	10/20/11 22:39	
Dibromofluoromethane (S)	%	98	86-112	10/20/11 22:39	
Toluene-d8 (S)	%	98	90-110	10/20/11 22:39	

LABORATORY CONTROL SAMPLE: 894835

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	20	19.8	99	82-117	
Ethylbenzene	ug/L	20	21.0	105	79-121	
Toluene	ug/L	20	20.5	103	80-120	
Xylene (Total)	ug/L	60	60.2	100	79-120	
1,2-Dichloroethane-d4 (S)	%			100	82-119	
4-Bromofluorobenzene (S)	%			96	87-113	
Dibromofluoromethane (S)	%			99	86-112	
Toluene-d8 (S)	%			97	90-110	

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QUALIFIERS

Project: HAMPTON NO. 4M
Pace Project No.: 60108013

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

BATCH QUALIFIERS

Batch: MSV/41017

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

Batch: MSV/41043

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: HAMPTON NO. 4M
Pace Project No.: 60108013

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60108013001	**GW-07 4928-100411-CM-005**	EPA 8260	MSV/41017		
60108013002	**GW-07 4928-100411-CM-006**	EPA 8260	MSV/41017		
60108013003	**GW-07 4928-100411-CM-007**	EPA 8260	MSV/41043		
60108013004	**TB-101211-001**	EPA 8260	MSV/41043		

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: 1 of 1

1373038

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: CRA	Report To: Angela Bown, Kelly Blanchard, Christine Mathews	Attention: ENFOS
Address: 6121 Indian School #200 Albuquerque, NM 87110	Copy To:	Company Name:
Email To: CMathews@crawrld.com	Purchase Order No.:	Address:
Phone: 505-884-0672 Fax: 505-884-4932	Project Name: Hampton No. 4M	Pace Quote Reference:
Requested Due Date/TAT: standard	Project Number: 074927	Pace Project Manager: Colleen Koporc
		Pace Profile #:

REGULATORY AGENCY: ☐ NPDES ☒ GROUND WATER ☐ DRINKING WATER ☐ UST ☐ RCRA ☐ OTHER

Site Location STATE: NM

Section D Required Client Information

Matrix Codes (MATRIX / CODE): Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED: COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	BTEX	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	GW-074928-100411-CM-005					10-11-11	1445		3				X						X		001
2	GW-074928-100411-CM-006					10-12-11	0920		3				X						X		002
3	GW-074928-100411-CM-007					10-12-11	0925		3				X						X		003
4	~~TB-0749~~																				
5	TB-101211-001					10-12-11	1730		2				X						X		004
6																					
7																					
8																					
9																					
10																					
11																					
12																					

6/08/2013

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
	Christine Mathews	10-12-11	1800	Phen Van	10/13/11	0910	1.6	Y	Y	Y

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Christine Mathews

SIGNATURE of SAMPLER: Christine Mathews DATE Signed (MM/DD/YY): 10-12-11

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

F-ALL-Q-020rev.07, 15-May-2007

Sample Condition Upon Receipt

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Client Name: CRA Project # 60108013

Courier: ☑ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace ☐ Other ____

Tracking #: 876266213219 Pace Shipping Label Used? ☐ Yes ☑ No

Custody Seal on Cooler/Box Present: ☑ Yes ☐ No Seals intact: ☑ Yes ☐ No

Optional
Proj. Due Date: 10/25/11
Proj. Name:

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☑ Foam ☐ None ☐ Other ____

Thermometer Used: (T-191) / T-194 Type of Ice: (Wet) Blue None ☐ Samples on ice, cooling process has begun

Cooler Temperature: 1.6
Temperature should be above freezing to 6°C

Date and Initials of person examining contents: AV 10-13-11

		Comments:
Chain of Custody present:	☑Yes ☐No ☐N/A	1.
Chain of Custody filled out:	☑Yes ☐No ☐N/A	2.
Chain of Custody relinquished:	☑Yes ☐No ☐N/A	3.
Sampler name & signature on COC:	☑Yes ☐No ☐N/A	4.
Samples arrived within holding time:	☑Yes ☐No ☐N/A	5.
Short Hold Time analyses (<72hr):	☐Yes ☑No ☐N/A	6.
Rush Turn Around Time requested:	☐Yes ☑No ☐N/A	7.
Sufficient volume:	☑Yes ☐No ☐N/A	8.
Correct containers used:	☑Yes ☐No ☐N/A	9.
-Pace containers used:	☑Yes ☐No ☐N/A	
Containers intact:	☑Yes ☐No ☐N/A	10.
Unpreserved 5035A soils frozen w/in 48hrs?	☐Yes ☐No ☑N/A	11.
Filtered volume received for dissolved tests	☐Yes ☐No ☑N/A	12.
Sample labels match COC:	☑Yes ☐No ☐N/A	13.
-Includes date/time/ID/analyses Matrix: WT		
All containers needing preservation have been checked.	☐Yes ☐No ☑N/A	14.
All containers needing preservation are found to be in compliance with EPA recommendation.	☐Yes ☐No ☑N/A	
Exceptions: (VOA), coliform, TOC, O&G, WI-DRO (water), Phenolics	☑Yes ☐No	Initial when completed ____ Lot # of added preservative ____
Trip Blank present:	☑Yes ☐No ☐N/A	15.
Pace Trip Blank lot # (if purchased): Cover		
Headspace in VOA vials (>6mm):	☐Yes ☑No ☐N/A	16.
Project sampled in USDA Regulated Area:	☐Yes ☐No ☑N/A	17. List State: ____

Client Notification/ Resolution: Copy COC to Client? (Y) / N Field Data Required? (Y) / N

Person Contacted: ____ Date/Time: ____

Comments/ Resolution: ____

DKM

Project Manager Review: ____ Date: 10/13/11

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

F-KS-C-003-Rev.05, 19February2010