Souder, Miller & Associates ♦ P.O. 248 ♦ Farmington, NM 87499
(505) 325-5667 ♦ fax (505) 327-1496

May 7, 2010 #3116075

Ms. Lorena Goerger, Project Manager
New Mexico Environment Department
Petroleum Storage Tank Bureau
1301 Siler Road
Building B
Santa Fe, NM 87507

RE: GROUND WATER MONITORING REPORT FOR CONOCO MINI MART, 3837 HIGHWAY 64, CHAMA, NEW MEXICO
FACILITY #27498 RID #2316 WPID #3440-2

Dear Ms. Goerger:

The following is the eighth ground water monitoring report since the UST removal and excavation at the above referenced site. The sampling event was completed on April 6, 2010.

Included with the report are the laboratory analyses for the water samples collected from the monitoring wells associated with the release site.

If you have any questions, please call our office at (505) 325-5667.

Sincerely,

SOUDER, MILLER & ASSOCIATES

Shawna Chubbuck
Staff Scientist

Reid S. Allan, P.G.
Vice President/Principal Scientist

APRIL 2009
GROUND WATER MONITORING REPORT

For

Conoco Mini-Mart
3837 Highway 64
Chama, New Mexico
Facility #27498 RID #2316 WPID #3440-2

May 7, 2010

Prepared For:
New Mexico Environment Department
Petroleum Storage Tank Bureau

SMA
Souder, Miller & Associates
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COVER PAGE
FORM 1216
QUARTERLY MONITORING REPORT

1. **Site Name:**

   Conoco Mini Mart

2. **Responsible party:**

   State Lead Site

3. **Responsible party mailing address** (list contact person if different)**:**

   2044 Galisteo Street
   Santa Fe, NM 87505

4. **Facility Number:**

   27498

5. **Address/legal description:**

   3837 US Hwy 64, Chama, NM

6. **Author/consulting company:**

   Shawna Chubbuck, Souder, Miller & Associates

7. **Date of report:**

   May 7, 2010

8. **Date of confirmation of release or date PSTB was notified of release:**

   May 16, 1994

STATEMENT OF FAMILIARITY

I, the undersigned, am personally familiar with the information submitted in this report and the attached documents and attest that it is true and complete.

Shawna Chubbuck
Staff Scientist

Reid S. Allan
Principal Scientist

May 7, 2010

I Introduction

A. Scope of Work:

This report is pursuant to the December 29, 2009, work plan approved by the New Mexico Environment Department (NMED) (WPID# 3440-2). On April 6, 2010, ground water samples were collected from six site monitoring wells: MW-6, MW-7, MW-8, MW-9, MW-11, and MW-12 as shown on Figure 2. The site location is illustrated in Figure 1.

B. This quarter's highlights, if any.

This is the eighth sampling event since the underground storage tank (UST) removal and remedial excavation on the north side of the site. The site excavation removed 1,060 cubic yards of hydrocarbon contaminated soil. UST removal, excavation, backfill, and compaction work was completed from December 11-15, 2006.

Contaminants of concern (COC) are above New Mexico Water Quality Control Commission Regulation (NMWQCCR) standards in monitoring well MW-7 and MW-12. Concentrations of COCs have generally increased since the last sampling event on October 14, 2009. Table 2 summarizes the ground water sample analyses for this sampling event.

Non-aqueous phase hydrocarbon liquid (NAPL) was not present in site monitoring wells.

As reported in the letter report dated April 15, 2010, monitoring wells MW-3, MW-4, MW-5 and MW-10 were decommissioned on April 5, 2010.

II Activities Performed During This Sampling Event

A. Brief description of remediation system and date installed.

Not applicable.

B. Description of activities performed to keep system operating properly including: inspections, maintenance procedures and modifications, if any.

Not applicable.

C. Monitoring activities performed.

Organic Contaminant Monitoring

Six site monitoring wells (MW-6, MW-7, MW-8, MW-9, MW-11, and MW-12) at the Conoco Mini Mart site were sampled on April 6, 2010 and analyzed for volatile organics by EPA Method 8260 and polynuclear aromatic hydrocarbons by EPA Method 8310. Figures 4 – 6 are contaminant concentration contour maps. Procedures for sampling the monitoring wells are described in Appendix 1. Laboratory results are included in Appendix 3. Analytical results are provided in Tables 2 and 3.

Monitoring well MW-6 is located east and hydraulically cross-gradient from the contaminant plume, and downgradient of the former USTs. All analyzed organic contaminants of concern were below detection limits.

Monitoring well MW-7 is at the center of the contaminant plume. Benzene (28 µg/L), total xylenes (1400 µg/L) and total naphthalenes (629 µg/L) values exceeded NMWQCCR standards, with benzene decreasing, total xylenes remaining stable and total naphthalenes increasing since the previous monitoring event in October 2009. All other analyzed organic contaminants of concern were below detection limits.

Monitoring well MW-8 is located west and hydraulically cross-gradient from the contaminant plume, and downgradient of the former USTs. All analyzed organic contaminants of concern were below NMWQCC standards, though benzene, toluene, ethylbenzene, total xylenes and total naphthalenes were all detected.

Monitoring well MW-9 is located south and hydraulically down-gradient from the contaminant plume. All analyzed organic contaminants of concern were below detection limits.

Monitoring well MW-11 is located southwest and hydraulically down-gradient from the contaminant plume, and downgradient of the former USTs. All analyzed organic contaminants of concern were below detection limits, except for small concentrations of benzene, ethylbenzene and total xylenes.

Monitoring well MW-12 is located northwest and hydraulically cross-gradient from the contaminant plume, and cross-gradient of the former USTs. Total xylenes (1100 µg/L) and total naphthalenes (146 µg/L) exceeded NMWQCCR standards. These are the highest concentrations measured for either of these contaminants since monitoring began. Toluene and ethylbenzene were also detected but did not exceed NMWQCCR standards. All other analyzed organic contaminants of concern were below detection limits.

Non-Aqueous Phase Liquid Monitoring

No NAPL was observed in site monitoring wells during this quarterly sampling event.

Ground Water Measurements

Six site monitoring wells were gauged for depth to water on April 6, 2010. Field notes are included in Appendix 2. The historical ground water elevation data for the site can be found in Table 1. Figure 3 is a potentiometric surface map. In general, the direction of ground water flow is to the southwest at a gradient of 0.021 ft/ft. The ground water flow direction and gradient are consistent with historical monitoring results. Ground water elevations have increased an average of 3.85 feet since the October 2009 sampling event.

III Summary and Conclusions

A. Discussion of any trends or changes noted in analytical results or site conditions.

This report summarizes the eighth sampling event since the UST removal and excavation. Contaminants of concern (total xylenes, and naphthalene) are above the NMWQCCR standards in monitoring wells MW-7 and MW-12, in addition to benzene in MW-7.

Concentrations of COCs in MW-7 have remained fairly consistent, with this monitoring event marking the highest recorded concentration of naphthalenes to date. Concentrations of total xylenes and naphthalenes in MW-12 also reached the highest recorded levels during this monitoring event. Water levels were also among the highest recorded, consistent wtih the April 2008 monitoring event.

Over time, however, concentrations of COCs have not shown a defined trend, having decreased and increased in individual monitoring wells. It is not yet apparent whether the source area excavation of December 2006 has had a beneficial effect on dissolved phase contaminants of concern.

B. Ongoing assessment of remediation system.

Not applicable for this quarterly event.

C. Recommendations.

SMA recommends the following:

1. Due to the fact that the soils remaining in place beneath the car wash are above NMED standards for BTEX components and naphthalenes, SMA

recommends demolition of the car wash and removal of the soils beneath the car wash.

2. SMA recommends continued quarterly monitoring of all site monitoring wells.
3. Pursuant to 20.5.12.40 NMAC, SMA recommends completion of a more thorough evaluation of the approach to remediation.

Figures

1. Vicinity Map
2. Site Map
3. Potentiometric Surface Map
4. Benzene Concentration Map
5. Total Xylenes Concentration Map
6. Total Naphthalenes Concentration Map

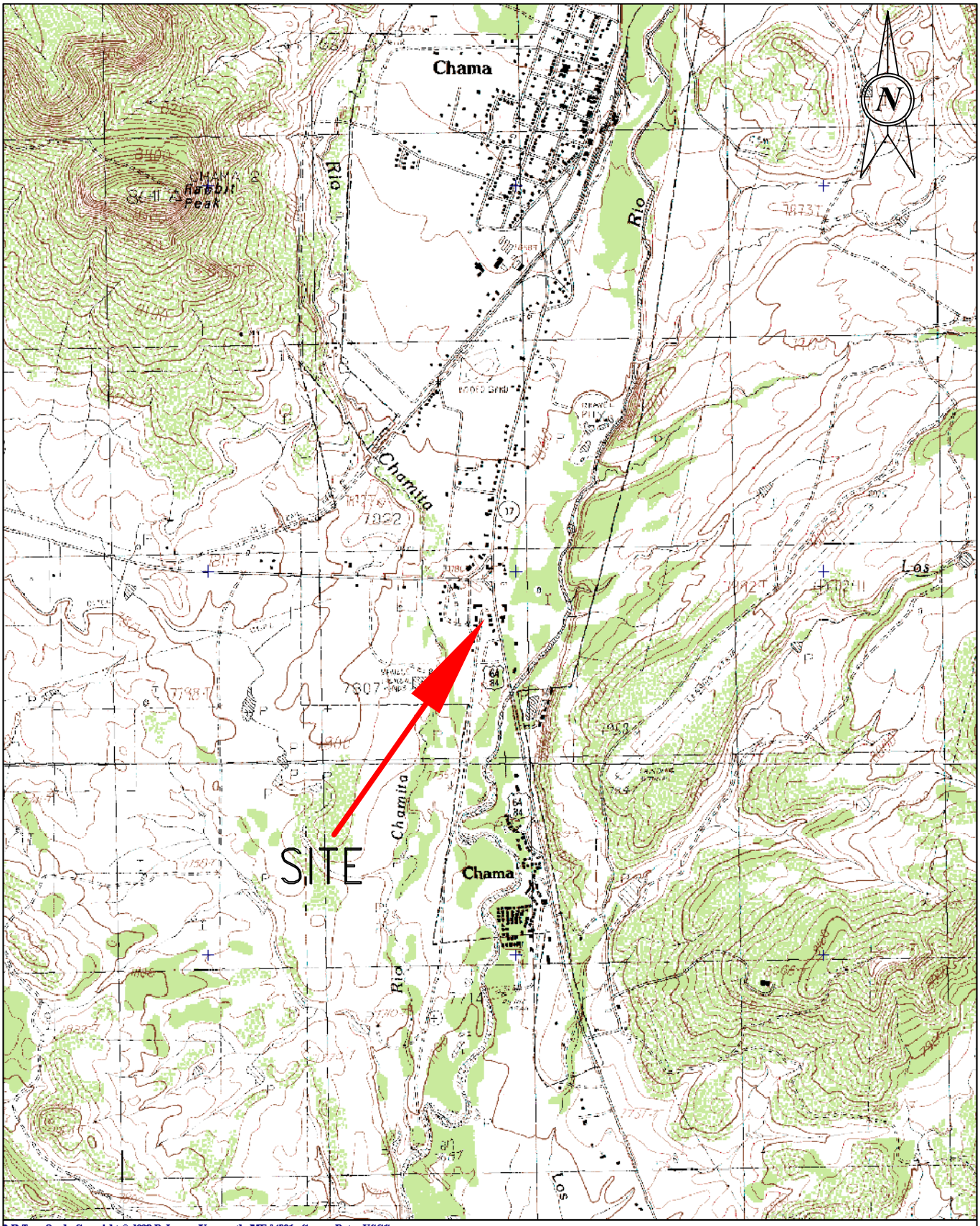
Tables

1. Summary of Ground Water Elevation Results
2. Summary of Ground Water Sample Analysis (8260)
3. Summary of Ground Water Sample Analysis (8310)

Appendices

1. Sampling protocol
2. Field notes
3. Laboratory results

Figures



SMA
Civil / Environmental
Scientists & Engineers
612 E. Murray Drive
Farmington, New Mexico 87401
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Santa Fe – Farmington
Albuquerque – Las Cruces

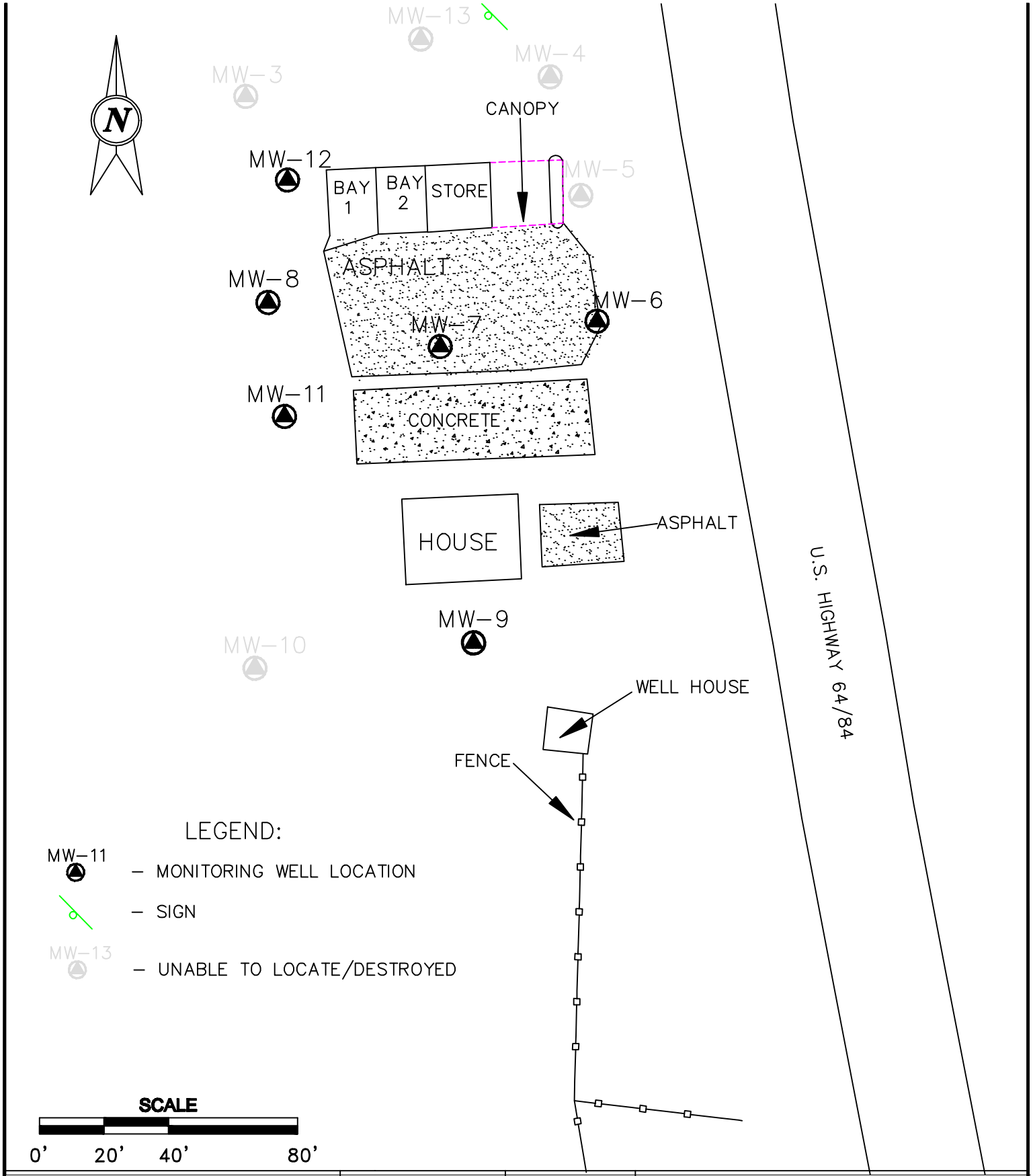
APPROVED: RCA	DATE: 8/8/06
DRAWN BY: TROSS	DATE: 8/8/06
REVISIONS BY:	DATE:
PROJECT NO: 3116075	FIGURE: 1

VICINITY MAP

CONOCO MINI MART

3837 HWY 64

CHAMA, NEW MEXICO

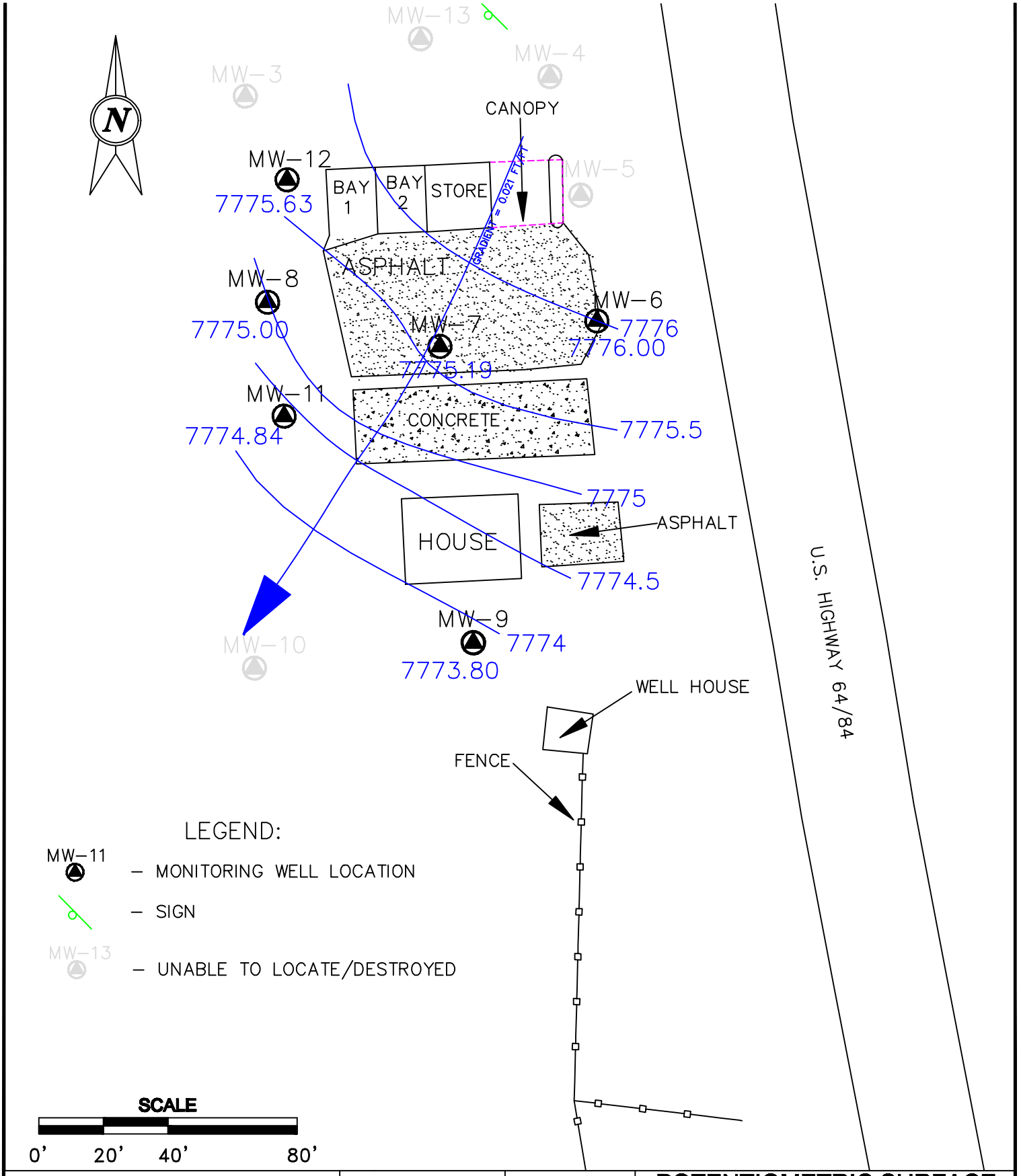


Civil / Environmental Scientists & Engineers

REVISED BY: TCR	DATE: 11/19/07
DRAWN BY: TLONG	DATE: 4/25/07
APPROVED: RSA	DATE: 4/25/07
PROJECT NO. 3116075	FIGURE: 2

SITE MAP

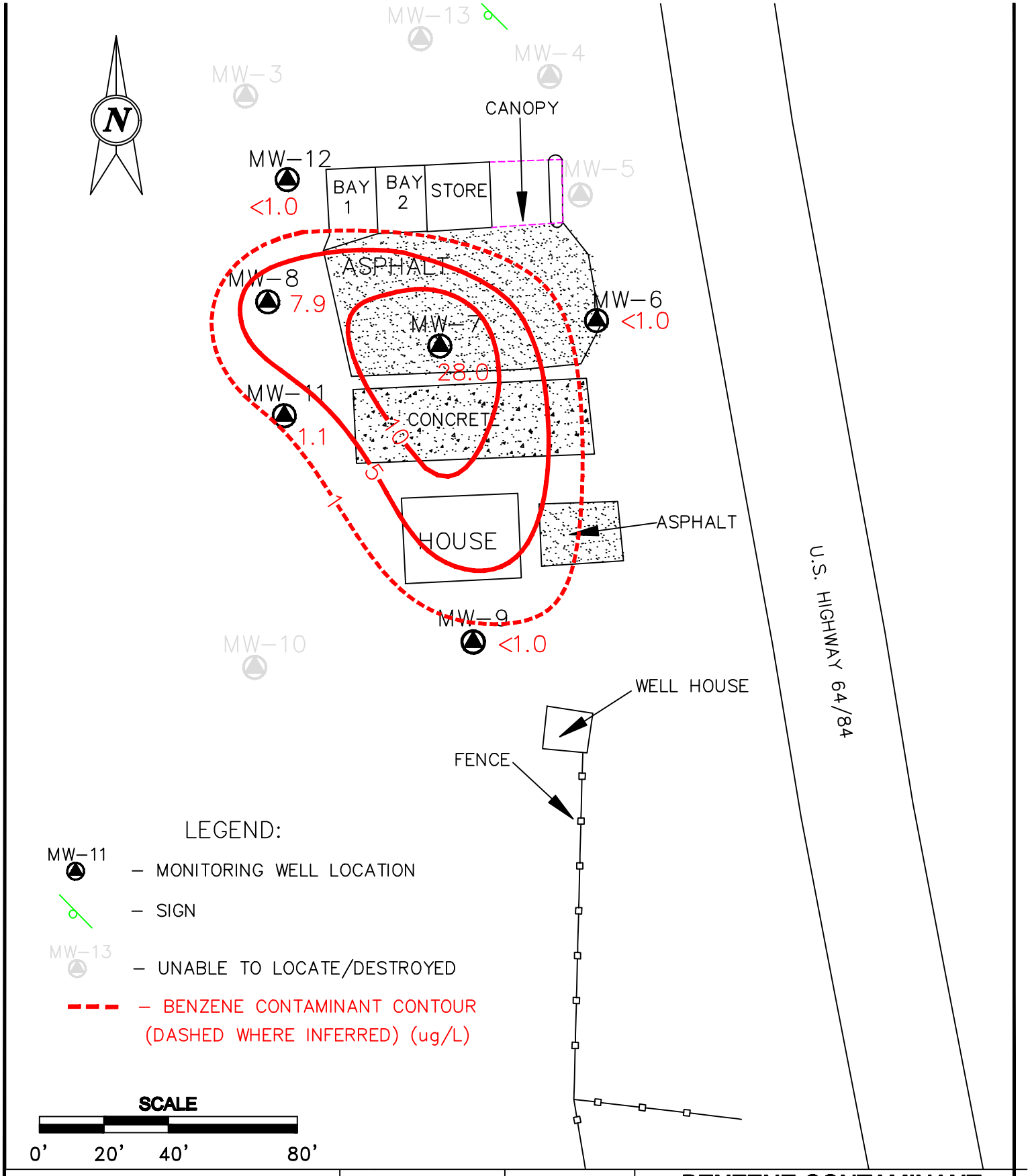
CONOCO MINI MART
CHAMA, NEW MEXICO



SMA
Civil / Environmental Scientists & Engineers

REVISED BY: SLC	DATE: 04/28/10
DRAWN BY: TLONG	DATE: 4/25/07
APPROVED: RSA	DATE: 07/18/08
PROJECT NO: 3116075	FIGURE: 3

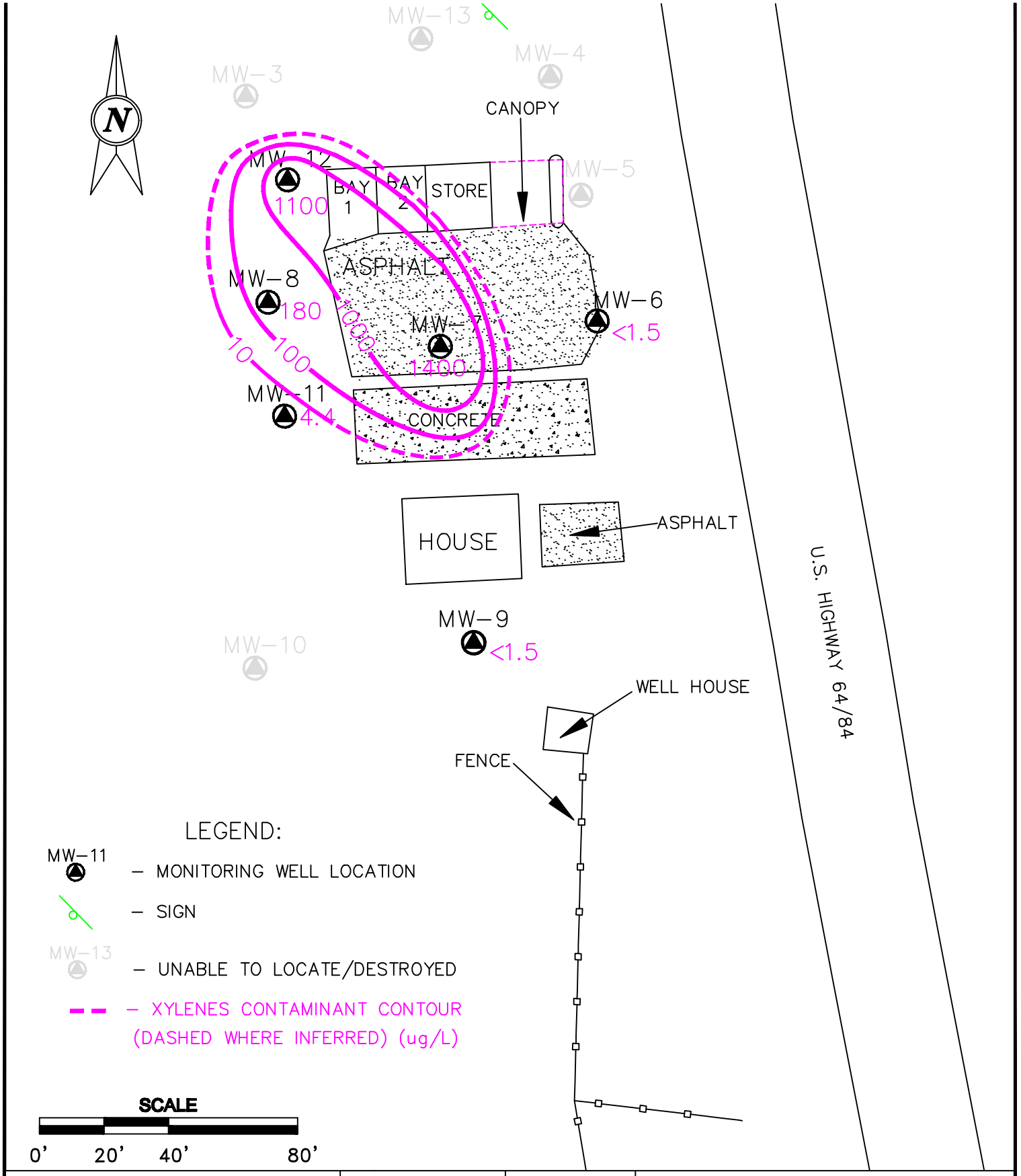
POTENTIOMETRIC SURFACE MAP
APRIL 6, 2009
CONOCO MINI MART
CHAMA, NEW MEXICO



Civil / Environmental Scientists & Engineers

REVISED BY: SLC	DATE: 04/28/10
DRAWN BY: TLONG	DATE: 4/25/07
APPROVED: RSA	DATE: 07/18/08
PROJECT NO: 3116075	FIGURE: 4

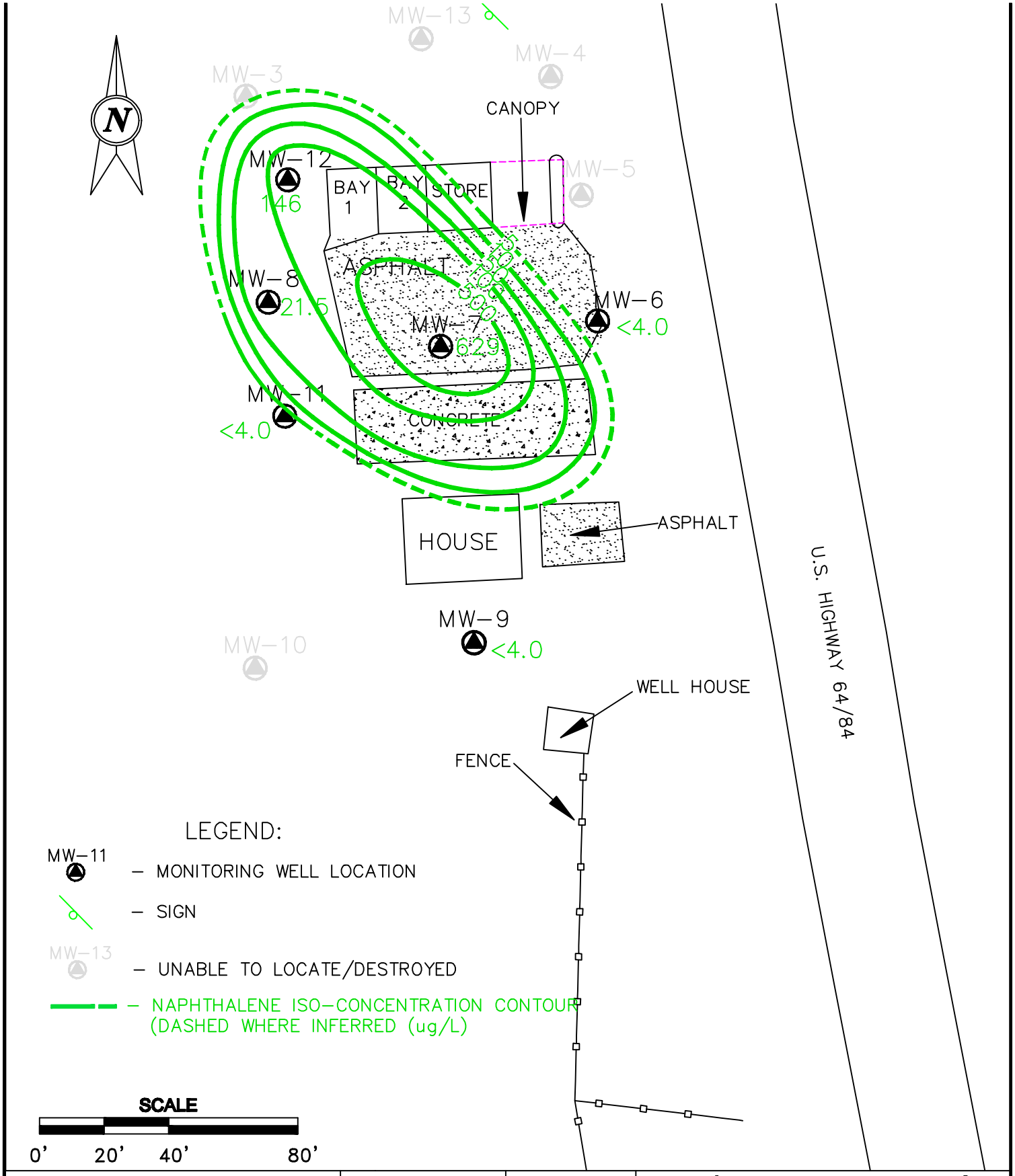
BENZENE CONTAMINANT CONCENTRATION MAP APRIL 6, 2010 CONOCO MINI MART CHAMA, NEW MEXICO



Civil / Environmental Scientists & Engineers

REVISED BY: SLC	DATE: 04/28/10
DRAWN BY: TLONG	DATE: 4/25/07
APPROVED: RSA	DATE: 11/19/07
PROJECT NO: 3116075	FIGURE: 5

TOTAL XYLENES CONTAMINANT CONCENTRATION MAP APRIL 6, 2010 CONOCO MINI MART CHAMA, NEW MEXICO



SMA
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REVISED BY: SLC	DATE: 04/28/10
DRAWN BY: TLONG	DATE: 4/25/07
APPROVED: RSA	DATE: 07/18/08
PROJECT NO: 3116075	FIGURE: 6

TOTAL NAPHTHALENES CONCENTRATION MAP APRIL 6, 2010 CONOCO MINI MART CHAMA, NEW MEXICO

Tables

Table 1
Summary of Groundwater Elevation Results
Conoco Mini Mart
Chama, New Mexico

(Feet)

Monitoring Well Identification	Date	Total Depth of Well	Top of Casing	Depth to Water	Relative Water Elevation
MW-3	7/8/2005	15.50	7780.16	5.76	7774.40
	7/10/2006	15.00		6.21	7773.95
	4/4/2007	UNABLE TO LOCATE			
	10/25/2007	NOT MEASURED			
	6/1/2009	UNABLE TO LOCATE			
	10/14/2009	WELL DAMAGED, NO WATER			
	4/5/2010	PLUGGED & ABANDONED			
MW-4	7/8/2005	15.50	7779.55	4.40	7775.15
	7/10/2006	14.94		4.58	7774.97
	4/4/2007	14.09		2.96	7776.59
	10/25/2007	NOT MEASURED			
	4/1/2008	NOT MEASURED			
	6/27/2008	NOT MEASURED			
	10/1/2008	NOT MEASURED			
	6/1/2009	NOT MEASURED			
	10/14/2009	14.85		4.64	7774.91
	4/5/2010	PLUGGED & ABANDONED			
MW-5	7/8/2005	15.00	7779.02	5.76	7773.26
	7/10/2006	14.60		5.93	7773.09
	4/4/2007	14.65		3.39	7775.63
	10/25/2007	NOT MEASURED			
	4/1/2008	NOT MEASURED			
	6/27/2008	NOT MEASURED			
	10/1/2008	NOT MEASURED			
	6/1/2009	NOT MEASURED			
	10/14/2009	14.82		5.08	7773.94
	4/5/2010	PLUGGED & ABANDONED			
MW-6	7/8/2005	12.00	7778.61	5.63	7772.98
	7/10/2006	11.30		5.90	7772.71
	4/4/2007	11.30		3.74	7774.87
	10/25/2007	11.29		5.31	7773.30
	4/1/2008	11.34		2.40	7776.21
	6/27/2008	11.45		5.22	7773.39
	10/1/2008	11.42		5.65	7772.96
	6/1/2009	11.50		4.81	7773.80
	10/14/2009	11.48		5.82	7772.79
	4/6/2010	11.50		2.61	7776.00
MW-7	7/8/2005	12.50	7779.28	6.84	7772.44
	7/10/2006	11.90		6.59	7772.69
	4/4/2007	12.00		4.79	7774.49
	10/25/2007	11.95		7.33	7771.95
	4/1/2008	12.13		3.61	7775.67
	6/27/2008	12.12		6.96	7772.32
	10/1/2008	12.14		7.83	7771.45
	6/1/2009	12.10		6.41	7772.87
	10/14/2009	12.15		8.01	7771.27
	4/6/2010	12.20		4.09	7775.19
MW-8	7/8/2005	15.00	7779.64	7.76	7771.88
	7/10/2006	14.85		7.91	7771.73
	4/4/2007	14.95		6.71	7772.93
	10/25/2007	NOT MEASURED			
	4/1/2008	NOT MEASURED			
	6/27/2008	NOT MEASURED			
	10/1/2008	NOT MEASURED			
	6/1/2009	15.00		7.15	7772.49
	10/14/2009	15.03		8.56	7771.08
	4/6/2010	15.05		4.64	7775.00
MW-9	4/4/2007	11.30	7777.49	4.92	7772.57
	10/25/2007	10.52		7.26	7770.23
	4/1/2008	13.14		3.23	7774.26
	6/27/2008	12.86		6.95	7770.54
	10/1/2008	12.96		7.72	7769.77
	6/1/2009	13.65		6.23	7771.26
	10/14/2009	13.35		8.21	7769.28
	4/6/2010	13.80		3.69	7773.80
MW-10	4/4/2007	13.30	7777.61	4.88	7772.73
	10/25/2007	13.17		6.75	7770.86
	4/1/2008	13.40		2.68	7774.93
	6/27/2008	13.40		6.51	7771.10
	10/1/2008	13.40		7.06	7770.55
	6/1/2009	13.40		5.83	7771.78
	10/14/2009	13.43		7.60	7770.01
	4/5/2010	PLUGGED & ABANDONED			
MW-11	4/4/2007	12.00	7778.53	4.74	7773.79
	10/25/2007	14.81		7.83	7770.70
	4/1/2008	11.40		3.04	7775.49
	6/27/2008	11.44		6.76	7771.77
	10/1/2008	11.30		7.31	7771.22
	6/1/2009	11.60		6.19	7772.34
	10/14/2009	11.46		7.82	7770.71
	4/6/2010	12.50		3.69	7774.84
MW-12	4/4/2007	13.55	7780.28	5.75	7774.53
	10/25/2007	12.84		7.60	7772.68
	4/1/2008	12.97		3.93	7776.35
	6/27/2008	13.00		7.38	7772.90
	10/1/2008	12.95		7.81	7772.47
	6/1/2009	13.00		6.98	7773.30
	10/14/2009	13.05		8.03	7772.25
	4/6/2010	13.00		4.65	7775.63
MW-13	4/4/2007	13.55	7780.47	5.99	7774.48
	10/25/2007	14.51		7.57	7772.90
	4/1/2008	13.67		3.54	7776.93
	6/27/2008	13.69		7.10	7773.37
	10/1/2008	13.69		7.69	7772.78
	6/1/2009	UNABLE TO LOCATE			
	10/14/2009	PLUGGED & ABANDONED			
AVERAGE DEPTH TO GROUNDWATER	3.90 FEET				
AVERAGE INCREASE IN ELEVATION	3.85 FEET				

Table 2
Summary of Groundwater Sample Analytical Results
US EPA Method 8260
Conoco Mini Mart
Chama, New Mexico

Monitoring Well Identification	Method 8021/8260 (beginning October 2009)							
	Date	Benzene	Toluene	Ethyl-benzene	Total Xylenes	Total BTEX	MTBE	Total Naphthalenes
MW-3	*7/8/2005*	*<1.0*	*<1.0*	*<1.0*	*<1.0*	*<1.0*	*<1.0*	
	7/10/2006	<0.5	<0.5	<0.5	<1.0	<1.0	<1.0	
	4/4/2007	UNABLE TO LOCATE						
	10/25/2007	NOT SAMPLED						
	4/1/2008	NOT SAMPLED						
	6/27/2008	NOT SAMPLED						
	10/1/2008	NOT SAMPLED						
	6/1/2009	UNABLE TO LOCATE						
	10/14/2009	NOT SAMPLED						
	4/5/2010	ABANDONED						
NMWQCC and 20 NMAC 5 Standards		10.0	750.0	750.0	620.0		100.0	30.00

Monitoring Well Identification	Method 8021/8260 (beginning October 2009)							
	Date	Benzene	Toluene	Ethyl-benzene	Total Xylenes	Total BTEX	MTBE	Total Naphthalenes
MW-4	*7/8/2005*	*<1.0*	*<1.0*	*<1.0*	*<1.0*	*<1.0*	*<1.0*	
	7/10/2006	<0.5	<0.5	<0.5	<1.0	<1.0	<1.0	
	4/4/2007	<2.5	<2.5	<2.5	<5.0	<5.0	<5.0	
	10/25/2007	NOT SAMPLED						
	4/1/2008	NOT SAMPLED						
	6/27/2008	NOT SAMPLED						
	10/1/2008	NOT SAMPLED						
	6/1/2009	NOT SAMPLED						
	10/14/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	4/6/2010	ABANDONED						
NMWQCC and 20 NMAC 5 Standards		10.0	750.0	750.0	620.0		100.0	30.00

Monitoring Well Identification	Method 8021/8260 (beginning October 2009)							
	Date	Benzene	Toluene	Ethyl-benzene	Total Xylenes	Total BTEX	MTBE	Total Naphthalenes
MW-5	*7/8/2005*	*<1.0*	*4.8*	*210.0*	***940.0***	*1154.8*	*<1.0*	
	7/10/2006	<0.5	1.9	142.0	255.5	399.4	1.7	
	4/4/2007	1.9	0.49	195.0	282.9	478.4	<1.0	
	10/25/2007	NOT SAMPLED						
	4/1/2008	NOT SAMPLED						
	6/27/2008	NOT SAMPLED						
	10/1/2008	NOT SAMPLED						
	6/1/2009	NOT SAMPLED						
	10/14/2009	NOT SAMPLED						
	4/5/2010	ABANDONED						
NMWQCC and 20 NMAC 5 Standards		10.0	750.0	750.0	620.0		100.0	30.00

Monitoring Well Identification	Method 8021/8260 (beginning October 2009)							
	Date	Benzene	Toluene	Ethyl-benzene	Total Xylenes	Total BTEX	MTBE	Total Naphthalenes
MW-6	*7/8/2005*	*<1.0*	*<1.0*	*<1.0*	*<1.0*	*<1.0*	*<1.0*	
	7/10/2006	<0.5	<0.5	<0.5	<1.0	<1.0	<1.0	<0.943
	4/4/2007	<2.5	<2.5	<2.5	0.87	0.87	<5.0	<0.980
	10/25/2007	<1.0	<1.0	<1.0	<2.0	<1.0	<2.5	<6.0
	4/1/2008	<1.0	<1.0	<1.0	<2.0	<1.0	<2.5	<2.0
	6/27/2008	<1.0	<1.0	<1.0	<2.0	<1.0	<2.5	<2.0
	10/1/2008	<1.0	<1.0	<1.0	<2.0	<1.0	<2.5	<2.2
	6/1/2009	<1.0	<1.0	<1.0	<1.5	<1.5	<1.0	<2.0
	10/14/2009	<1.0	<1.0	<1.0	<1.5	<1.5	<1.0	<4.0
	4/6/2010	<1.0	<1.0	<1.0	<1.5	<1.5	<1.0	<4.0
NMWQCC and 20 NMAC 5 Standards		10.0	750.0	750.0	620.0		100.0	30.00

Monitoring Well Identification	Method 8021/8260 (beginning October 2009)							
	Date	Benzene	Toluene	Ethyl-benzene	Total Xylenes	Total BTEX	MTBE	Total Naphthalenes
MW-7	*7/8/2005*	***700***	*86*	*530*	***1300***	*2616*	*<10*	
	7/10/2006	**50**	22	399	**1264**	1735	17.5	**427.6**
	4/4/2007	**63**	12	508	**1655**	2238	23.3	**488.5**
	10/25/2007	**36**	19	480	**1400**	1935	<25	**220.0**
	4/1/2008	**48**	18	530	**1500**	2096	<25	**326.0**
	6/27/2008	**49**	17	680	**2500**	3246	<25	**163.0**
	10/1/2008	**44**	15	590	**1500**	2149	<25	**348.0**
	6/1/2009	**40**	16	550	**1500**	2106	<10	**214.0**
	10/14/2009	**32**	14	610	**1400**	2056	<5.0	**560.0**
	4/6/2010	**28**	11	600	**1400**	2039	<10	**629.0**
NMWQCC and 20 NMAC 5 Standards		10.0	750.0	750.0	620.0		100.0	30.00

Table 2
Summary of Groundwater Sample Analytical Results
US EPA Method 8260
Conoco Mini Mart
Chama, New Mexico

Monitoring Well Identification	Method 8021/8260 (beginning October 2009)							
	Date	Benzene	Toluene	Ethyl-benzene	Total Xylenes	Total BTEX	MTBE	Total Naphthalenes
MW-8	*7/8/2005*	***49.0***	*42.0*	*600.0*	***1600.0***	*2291.0*	*<10*	
	7/10/2006	**75.8**	3.7	425.0	503.0	1007.5	44.3	**74.1**
	4/4/2007	**49.7**	7.96	570.0	**1126.90**	1754.56	80.9	**233.70**
	10/25/2007	NOT SAMPLED						
	4/1/2008	NOT SAMPLED						
	6/27/2008	NOT SAMPLED						
	10/1/2008	NOT SAMPLED						
	6/1/2009	4.6	<1.0	34.0	10.00	48.60	<1.0	<2.0
	10/14/2009	2.7	<1.0	1.8	<1.5	4.50	<1.0	<4.0
	4/6/2010	7.9	1.60	180.0	180.00	369.50	<1.0	21.5
NMWQCC and 20 NMAC 5 Standards		10.0	750.0	750.0	620.0		100.0	30.00

Monitoring Well Identification	Method 8021/8260 (beginning October 2009)							
	Date	Benzene	Toluene	Ethyl-benzene	Total Xylenes	Total BTEX	MTBE	Total Naphthalenes
MW-9	4/4/2007	<2.5	<2.5	<2.5	<5.0	<5.0	<5.0	<0.971
	10/25/2007	<1.0	<1.0	<1.0	<2.0	<1.0	<2.5	<6.0
	4/1/2008	<1.0	<1.0	<1.0	<2.0	<1.0	<2.5	<2.0
	6/27/2008	8.2	3.9	50.0	<2.0	62.10	<2.5	5.00
	10/1/2008	**11.0**	7.5	58.0	61.0	137.50	<2.5	<10
	6/1/2009	<1.0	<1.0	1.8	1.7	3.50	<1.0	<2.0
	10/14/2009	7.9	9.2	56.0	57.0	130.10	<1.0	18.8
	4/6/2010	<1.0	<1.0	<1.0	<1.5	<1.5	<1.0	<4.0
NMWQCC and 20 NMAC 5 Standards		10.0	750.0	750.0	620.0		100.0	30.00

Monitoring Well Identification	Method 8021/8260 (beginning October 2009)							
	Date	Benzene	Toluene	Ethyl-benzene	Total Xylenes	Total BTEX	MTBE	Total Naphthalenes
MW-10	4/4/2007	<2.5	<2.5	<2.5	<5.0	<5.0	<5.0	<0.971
	10/25/2007	<1.0	<1.0	<1.0	<2.0	<1.0	<2.5	<6.0
	4/1/2008	<1.0	<1.0	<1.0	<2.0	<1.0	<2.5	<2.0
	6/27/2008	<1.0	<1.0	<1.0	<2.0	<1.0	<2.5	<2.0
	10/1/2008	<1.0	<1.0	<1.0	<2.0	<1.0	<2.5	<2.2
	6/1/2009	<1.0	<1.0	<1.0	<2.0	<1.0	<2.5	<2.0
	10/14/2009	<1.0	<1.0	<1.0	<1.5	<1.5	<1.0	<4.0
	4/5/2010	ABANDONED						
NMWQCC and 20 NMAC 5 Standards		10.0	750.0	750.0	620.0		100.0	30.00

Monitoring Well Identification	Method 8021/8260 (beginning October 2009)							
	Date	Benzene	Toluene	Ethyl-benzene	Total Xylenes	Total BTEX	MTBE	Total Naphthalenes
MW-11	4/4/2007	**31.1**	16.1	138.0	70.98	256.2	<5.0	**52.8**
	10/25/2007	**21.0**	5.4	280.0	13.00	319.4	17.0	14.9
	4/1/2008	**11.0**	<1.0	24.0	9.10	44.1	<2.5	3.1
	6/27/2008	**18.0**	<1.0	130.0	8.80	156.8	<2.5	5.5
	10/1/2008	9.2	<1.0	47.0	5.20	61.4	<2.5	<2.2
	6/1/2009	**10.0**	<1.0	24.0	5.00	39.0	<1.0	<2.0
	10/14/2009	5.6	<1.0	21.0	6.40	33.0	<1.0	<4.0
	4/6/2010	1.1	<1.0	2.1	4.40	7.6	<1.0	<4.0
NMWQCC and 20 NMAC 5 Standards		10.0	750.0	750.0	620.0		100.0	30.00

Monitoring Well Identification	Method 8021/8260 (beginning October 2009)							
	Date	Benzene	Toluene	Ethyl-benzene	Total Xylenes	Total BTEX	MTBE	Total Naphthalenes
MW-12	4/4/2007	**10.9**	<2.5	43.5	129.0	183.4	<5.0	**39.98**
	10/25/2007	1.9	<1.0	35.0	76.0	112.9	2.7	2.1
	4/1/2008	3.2	11.0	150.0	**750.0**	914.2	2.5	12.0
	6/27/2008	<1.0	1.2	78.0	420.0	499.2	2.5	**62.00**
	10/1/2008	<1.0	<1.0	12.0	32.0	44.0	<2.5	<10
	6/1/2009	<5.0	<5.0	69.0	200.0	269.0	<5.0	**30.30**
	10/14/2009	<1.0	<1.0	1.8	<1.5	1.8	<1.0	<4.0
	4/6/2010	<1.0	5.4	280.0	**1100.0**	1385.4	<1.0	**146.0**
NMWQCC and 20 NMAC 5 Standards		10.0	750.0	750.0	620.0		100.0	30.00

Monitoring Well Identification	Method 8021/8260 (beginning October 2009)							
	Date	Benzene	Toluene	Ethyl-	Total	Total	MTBE	Total
MW-13	4/4/2007	**19.7**	8.36	193.0	380.60	601.7	19.7	
	10/25/2007	1.7	<1.0	36.0	13.00	50.7	<2.5	
	4/1/2008	1.6	<1.0	32.0	89.00	122.6	<2.5	
	6/27/2008	1.5	<1.0	47.0	16.00	64.5	<2.5	
	10/1/2008	1.2	<1.0	21.0	<2.0	22.2	<2.5	
	6/1/2009	UNABLE TO LOCATE						
	10/14/2009	ABANDONED						
NMWQCC and 20 NMAC 5 Standards		10.0	750.0	750.0	620.0		100.0	30.00

Notes:

Data in italics adopted from INTERA report dated 9/7/2005 (analyzed per Method 8260)
Results in ug/L
MTBE = Methyl Tertiary Butyl Ether
Red indicates concentration exceeds standard
NA = Not Analyzed

Table 3
Summary of Groundwater Sample Analytical Results
US EPA Method 8310
Conoco Mini Mart
Chama, New Mexico

Monitoring Well Identification	Method 8310													
	Date	Acenaphthene	Anthracene	Benzo(a) anthracene	Benzo(a) pyrene	Benzo(b) fluoranthene	Benzo(k) fluoranthene	Chrysene	Dibenz(a,h) anthracene	Fluoranthene	Fluorene	Total Naphthalenes	Phenanthrene	Pyrene
MW-1	7/10/2006	<0.943	<0.943	<0.189	<0.0943	<0.0943	<0.132	<0.0943	<0.189	<0.189	<0.472	1.57	<0.472	<0.189
	4/4/2007	DESTROYED DURING TANK PULL												
NMWQCC Standard		2200.00	11000.00	1.20	0.70	1.20	1.20	117.00	0.12	1460.00	1460.00	30.00	1100.00	1100.00

Monitoring Well Identification	Method 8310													
	Date	Acenaphthene	Anthracene	Benzo(a) anthracene	Benzo(a) pyrene	Benzo(b) fluoranthene	Benzo(k) fluoranthene	Chrysene	Dibenz(a,h) anthracene	Fluoranthene	Fluorene	Total Naphthalenes	Phenanthrene	Pyrene
MW-2	7/10/2006											**620.00**		
	4/4/2007	DESTROYED DURING TANK PULL												
NMWQCC Standard		2200.00	11000.00	1.20	0.70	1.20	1.20	117.00	0.12	1460.00	1460.00	30.00	1100.00	1100.00

Monitoring Well Identification	Method 8310													
	Date	Acenaphthene	Anthracene	Benzo(a) anthracene	Benzo(a) pyrene	Benzo(b) fluoranthene	Benzo(k) fluoranthene	Chrysene	Dibenz(a,h) anthracene	Fluoranthene	Fluorene	Total Naphthalenes	Phenanthrene	Pyrene
MW-3	7/10/2006	<0.943	<0.943	<0.189	<0.0943	<0.0943	<0.132	<0.0943	<0.189	<0.189	<0.472	<0.943	<0.472	<0.189
	4/4/2007	UNABLE TO LOCATE												
	10/25/2007	NOT SAMPLED												
	4/1/2008	NOT SAMPLED												
	6/27/2008	NOT SAMPLED												
	10/1/2008	NOT SAMPLED												
	6/1/2009	UNABLE TO LOCATE												
	4/5/2010	PLUGGED & ABANDONED												
NMWQCC Standard		2200.00	11000.00	1.20	0.70	1.20	1.20	117.00	0.12	1460.00	1460.00	30.00	1100.00	1100.00

Monitoring Well Identification	Method 8310													
	Date	Acenaphthene	Anthracene	Benzo(a) anthracene	Benzo(a) pyrene	Benzo(b) fluoranthene	Benzo(k) fluoranthene	Chrysene	Dibenz(a,h) anthracene	Fluoranthene	Fluorene	Total Naphthalenes	Phenanthrene	Pyrene
MW-4	7/10/2006	<1.0	<1.0	<0.2	<0.1	<0.1	<0.14	<0.1	<0.2	<0.2	<0.5	<1.0	<0.5	<0.2
	4/4/2007	<1.00	<1.00	<0.2	<0.1	<0.1	<0.14	<0.1	<0.2	<0.2	<0.5	<1.0	<0.5	<0.2
	10/25/2007	NOT SAMPLED												
	4/1/2008	NOT SAMPLED												
	6/27/2008	NOT SAMPLED												
	10/1/2008	NOT SAMPLED												
	10/14/2009	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<4.0	NA	NA
	4/5/2010	PLUGGED & ABANDONED												
NMWQCC Standard		2200.00	11000.00	1.20	0.70	1.20	1.20	117.00	0.12	1460.00	1460.00	30.00	1100.00	1100.00

Monitoring Well Identification	Method 8310													
	Date	Acenaphthene	Anthracene	Benzo(a) anthracene	Benzo(a) pyrene	Benzo(b) fluoranthene	Benzo(k) fluoranthene	Chrysene	Dibenz(a,h) anthracene	Fluoranthene	Fluorene	Total Naphthalenes	Phenanthrene	Pyrene
MW-5	7/10/2006	<0.952	<0.952	<0.19	<0.0952	<0.0952	<0.133	0.334	<0.19	<0.19	<0.476	**96.9**	<0.476	<0.19
	4/4/2007	<1.18	<1.18	<0.235	<0.118	<0.118	<0.165	<0.118	<0.235	<0.235	<0.588	**104.7**	<0.588	<0.235
	10/25/2007	NOT SAMPLED												
	4/1/2008	NOT SAMPLED												
	6/27/2008	NOT SAMPLED												
	10/1/2008	NOT SAMPLED												
	4/5/2010	PLUGGED & ABANDONED												
NMWQCC Standard		2200.00	11000.00	1.20	0.70	1.20	1.20	117.00	0.12	1460.00	1460.00	30.00	1100.00	1100.00

Monitoring Well Identification	Method 8310													
	Date	Acenaphthene	Anthracene	Benzo(a) anthracene	Benzo(a) pyrene	Benzo(b) fluoranthene	Benzo(k) fluoranthene	Chrysene	Dibenz(a,h) anthracene	Fluoranthene	Fluorene	Total Naphthalenes	Phenanthrene	Pyrene
MW-6	7/10/2006	<0.943	<0.943	<0.189	<0.0943	<0.0943	<0.132	<0.0943	<0.189	<0.189	<0.472	<0.943	<0.472	<0.189
	4/4/2007	<0.980	<0.980	<0.196	<0.0980	<0.0980	<0.137	<0.0980	<0.196	<0.196	<0.490	<0.980	<0.490	<0.196
	10/25/2007	<5.0	<0.60	<0.050	<0.030	<0.10	<0.020	<0.20	<0.040	<0.30	<0.80	<6.0	<0.60	<0.30
	4/1/2008	<5.0	<0.60	<0.050	<0.030	<0.10	<0.020	<0.20	<0.040	<0.30	<0.80	<2.0	<0.60	<0.30
	6/27/2008	<5.0	<0.60	<0.070	<0.070	<0.10	<0.070	<0.20	<0.070	<0.30	<0.80	<2.0	<0.60	<0.30
	10/1/2008	<5.6	<0.67	<0.078	<0.078	<0.11	<0.078	<0.22	<0.078	<0.33	<0.89	<2.2	<0.67	<0.33
	6/1/2009	<5.0	<0.60	<0.070	<0.070	<0.10	<0.070	<0.20	<0.070	<0.30	<0.80	<2.0	<0.60	<0.30
	10/14/2009	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<4.0	NA	NA
	4/6/2010	<2.5	<0.60	<0.070	<0.070	<0.10	<0.070	<0.20	<0.070	<0.30	<0.80	<2.0	<0.60	<0.30
NMWQCC Standard		2200.00	11000.00	1.20	0.70	1.20	1.20	117.00	0.12	1460.00	1460.00	30.00	1100.00	1100.00

Monitoring Well Identification	Method 8310													
	Date	Acenaphthene	Anthracene	Benzo(a) anthracene	Benzo(a) pyrene	Benzo(b) fluoranthene	Benzo(k) fluoranthene	Chrysene	Dibenz(a,h) anthracene	Fluoranthene	Fluorene	Total Naphthalenes	Phenanthrene	Pyrene
MW-7	7/10/2006	73.00	<0.943	<0.189	<0.0943	**12.7**	<0.132	<0.0943	<0.189	<0.189	<0.472	**427.6**	30.6	0.273
	4/4/2007	71.50	<1.25	<0.250	<0.125	<0.125	<0.175	<0.125	<0.250	<0.250	6.68	**488.5**	19.5	<0.250
	10/25/2007	<5.0	<0.60	<0.050	<0.030	<0.10	<0.020	<0.20	<0.040	<0.30	<0.80	**220.0**	<0.60	<0.30
	4/1/2008	<5.0	<0.60	<0.050	<0.030	<0.10	<0.020	<0.20	<0.040	<0.30	<0.80	**326.0**	<0.60	<0.30
	6/27/2008	<5.0	<0.60	<0.070	<0.070	<0.10	<0.070	<0.20	<0.070	<0.30	<0.80	**163.0**	<0.60	<0.30
	10/1/2008	<25	<3.0	<0.35	<0.35	<0.50	<0.35	<1.0	<0.035	<1.5	<4.0	**348.0**	<3.0	<1.5
	6/1/2008	<5.0	<0.60	<0.070	<0.070	<0.10	<0.070	<0.20	<0.070	<0.30	<0.80	**214.0**	<0.60	<0.30
	10/14/2009	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**560.0**	NA	NA
	4/6/2010	<5.0	<0.60	<0.070	<0.070	<0.10	<0.070	<0.20	<0.070	<0.30	<0.80	**377.0**	<0.60	<0.30
NMWQCC Standard		2200.00	11000.00	1.20	0.70	1.20	1.20	117.00	0.12	1460.00	1460.00	30.00	1100.00	1100.00

Monitoring Well Identification	Method 8310													
	Date	Acenaphthene	Anthracene	Benzo(a) anthracene	Benzo(a) pyrene	Benzo(b) fluoranthene	Benzo(k) fluoranthene	Chrysene	Dibenz(a,h) anthracene	Fluoranthene	Fluorene	Total Naphthalenes	Phenanthrene	Pyrene
MW-8	7/10/2006	5.73	<0.952	<0.190	<0.0952	<0.0952	<0.133	<0.0952	<0.190	<0.190	<0.476	**74.1**	24.5	<0.190
	4/4/2007	63.60	<0.980	<0.196	<0.0980	<0.0980	<0.137	<0.0980	<0.196	<0.196	5.44	**233.70**	36.6	<0.196
	10/25/2007	NOT SAMPLED												
	4/1/2008	NOT SAMPLED												
	6/27/2008	NOT SAMPLED												
	10/1/2008	<5.0	<0.60	<0.070	<0.070	<0.10	<0.070	<0.20	<0.070	<0.30	<0.80	<2.0	<0.60	<0.30
	10/14/2009	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<4.0	NA	NA
	4/6/2010	<2.5	<0.60	<0.070	<0.070	<0.10	<0.070	<0.20	<0.070	<0.30	<0.80	12.30	<0.60	<0.30
NMWQCC Standard		2200.00	11000.00	1.20	0.70	1.20	1.20	117.00	0.12	1460.00	1460.00	30.00	1100.00	1100.00

Monitoring Well Identification	Method 8310													
	Date	Acenaphthene	Anthracene	Benzo(a) anthracene	Benzo(a) pyrene	Benzo(b) fluoranthene	Benzo(k) fluoranthene	Chrysene	Dibenz(a,h) anthracene	Fluoranthene	Fluorene	Total Naphthalenes	Phenanthrene	Pyrene
MW-9	4/4/2007	<0.971	<0.971	<0.194	<0.0971	<0.0971	<0.136	<0.0971	<0.194	<0.194	<0.485	<0.971	<0.485	<0.194
	10/25/2007	<5.0	<0.60	0.05	<0.030	<0.10	<0.020	0.20	<0.040	<0.30	<.80	<6.0	<.0.60	<0.30
	4/1/2008	<5.0	<0.60	<0.07	<0.030	<0.10	<0.020	<0.2	<0.040	<0.30	<.80	<2.0	<.0.60	<0.30
	6/27/2008	<5.0	<0.60	<0.070	<0.070	<0.10	<0.070	<0.20	<0.070	<0.30	<0.80	5.00	<0.60	<0.30
	10/1/2008	<25	<3.0	<0.35	<0.35	<0.50	<0.35	<1.0	<0.035	<1.5	<4.0	<10	<3.0	<1.5
	6/1/2009	<2.5	<0.60	<0.070	<0.070	<0.10	<0.070	<0.20	<0.070	<0.30	<0.80	<2.0	<0.60	<0.30
	10/14/2009	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	18.80	NA	NA
	4/6/2010	<5.0	<0.60	<0.070	<0.070	<0.10	<0.070	<0.20	<0.070	<0.30	<0.80	<2.0	<0.60	<0.30
NMWQCC Standard		2200.00	11000.00	1.20	0.70	1.20	1.20	117.00	0.12	1460.00	1460.00	30.00	1100.00	1100.00

Monitoring Well Identification	Method 8310													
	Date	Acenaphthene	Anthracene	Benzo(a) anthracene	Benzo(a) pyrene	Benzo(b) fluoranthene	Benzo(k) fluoranthene	Chrysene	Dibenz(a,h) anthracene	Fluoranthene	Fluorene	Total Naphthalenes	Phenanthrene	Pyrene
MW-10	4/4/2007	<0.971	<0.971	<0.194	<0.0971	<0.0971	<0.136	<0.0971	<0.194	<0.194	<0.485	<0.971	<0.485	<0.194
	10/25/2007	<5.0	<0.60	<0.050	<0.030	<0.10	<0.020	<0.20	<0.040	<0.30	<0.80	<6.0	<0.60	<0.30
	4/1/2008	<5.0	<0.60	<0.050	<0.030	<0.10	<0.020	<0.20	<0.040	<0.30	<0.80	<2.0	<0.60	<0.30
	6/27/2008	<5.0	<0.60	<0.070	<0.070	<0.10	<0.070	<0.20	<0.070	<0.30	<0.80	<2.0	<0.60	<0.30
	10/1/2008	<5.6	<0.67	<0.078	<0.078	<0.11	<0.078	<0.22	<0.078	<0.33	<0.89	<2.2	<0.67	<0.33
	6/1/2009	<5.0	<0.60	<0.070	<0.070	<0.10	<0.070	<0.20	<0.070	<0.30	<0.80	<2.0	<0.60	<0.30
	10/14/2009	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<4.0	NA	NA
	4/5/2010	PLUGGED & ABANDONED												
NMWQCC Standard		2200.00	11000.00	1.20	0.70	1.20	1.20	117.00	0.12	1460.00	1460.00	30.00	1100.00	1100.00

Monitoring Well Identification	Method 8310													
	Date	Acenaphthene	Anthracene	Benzo(a) anthracene	Benzo(a) pyrene	Benzo(b) fluoranthene	Benzo(k) fluoranthene	Chrysene	Dibenz(a,h) anthracene	Fluoranthene	Fluorene	Total Naphthalenes	Phenanthrene	Pyrene
MW-11	4/4/2007	24.20	<0.971	<0.194	<0.0971	<0.0971	<0.136	<0.0971	<0.190	<0.194	<0.485	**52.8**	15.2	1.86
	10/25/2007	<5.0	<0.60	<0.050	<0.030	<0.10	<0.020	<0.20	<0.040	<0.30	<0.80	14.9	<0.60	<0.30
	4/1/2008	<5.0	<0.60	<0.050	<0.030	<0.10	<0.020	<0.20	<0.040	<0.30	<0.80	3.1	<0.60	<0.30
	6/27/2008	<5.0	<0.60	<0.070	<0.070	<0.10	<0.070	<0.20	<0.070	<0.30	<0.80	5.5	<0.60	<0.30
	10/1/2008	<5.6	<0.67	<0.078	<0.078	<0.11	<0.078	<0.22	<0.078	<0.33	<0.89	<2.2	<0.67	<0.33
	6/1/2009	<2.5	<0.60	<0.070	<0.070	<0.10	<0.070	<0.20	<0.070	<0.30	<0.80	<2.0	<0.60	<0.30
	10/14/2009	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<4.0	NA	NA
	4/6/2010	<2.5	<0.60	<0.070	<0.070	<0.10	<0.070	<0.20	<0.070	<0.30	<0.80	<2.0	<0.60	<0.30
NMWQCC Standard		2200.00	11000.00	1.20	0.70	1.20	1.20	117.00	0.12	1460.00	1460.00	30.00	1100.00	1100.00

Monitoring Well Identification	Method 8310													
	Date	Acenaphthene	Anthracene	Benzo(a) anthracene	Benzo(a) pyrene	Benzo(b) fluoranthene	Benzo(k) fluoranthene	Chrysene	Dibenz(a,h) anthracene	Fluoranthene	Fluorene	Total Naphthalenes	Phenanthrene	Pyrene
MW-12	4/4/2007	18.80	<0.990	<0.198	<0.099	<0.099	<0.139	<0.099	<0.198	<0.198	<0.495	**39.98**	18.1	<0.198
	10/25/2007	<5.0	<0.60	<0.050	<0.030	<0.10	<0.020	<0.20	<0.040	<0.30	<0.80	2.1	<0.60	<0.30
	4/1/2008	<5.0	<0.60	<0.050	<0.030	<0.10	<0.020	<0.20	<0.040	<0.30	<0.80	12.0	<0.60	<0.30
	6/27/2008	<5.0	<0.60	<0.070	<0.070	<0.10	<0.070	<0.20	<0.070	<0.30	<0.80	**62.00**	0.83	<0.30
	10/1/2008	<25	<3.0	<0.35	<0.35	<0.50	<0.35	<1.0	<0.035	<1.5	<4.0	<10	<3.0	<1.5
	6/1/2009	<2.5	<0.60	<0.070	<0.070	<0.10	<0.070	<0.20	<0.070	<0.30	<0.80	**30.30**	<0.60	<0.30
	10/14/2009	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<4.0	NA	NA
	4/6/2010	<5.0	<0.60	<0.070	<0.070	<0.10	<0.070	<0.20	<0.070	<0.30	1.50	**92.00**	<0.60	<0.30
NMWQCC Standard		2200.00	11000.00	1.20	0.70	1.20	1.20	117.00	0.12	1460.00	1460.00	30.00	1100.00	1100.00

Monitoring Well Identification	Method 8310													
	Date	Acenaphthene	Anthracene	Benzo(a) anthracene	Benzo(a) pyrene	Benzo(b) fluoranthene	Benzo(k) fluoranthene	Chrysene	Dibenz(a,h) anthracene	Fluoranthene	Fluorene	Total Naphthalenes	Phenanthrene	Pyrene
MW-13	4/4/2007	16.90	<1.18	<0.235	<0.118	<0.118	<0.165	<0.118	<0.235	<0.235	<0.588	**69.6**	<0.588	<0.235
	10/25/2007	<5.0	<0.60	<0.050	<0.030	<0.10	<0.020	<0.20	<0.040	<0.30	<0.80	2.2	<0.60	<0.30
	4/1/2008	<5.0	<0.60	<0.050	<0.030	<0.10	<0.020	<0.20	<0.040	<0.30	<0.80	<2.0	<0.60	<0.30
	6/27/2008	<5.0	<0.60	<0.070	<0.070	<0.10	<0.070	<0.20	<0.070	<0.30	<0.80	12.80	<0.60	<0.30
	10/1/2008	<5.6	<0.67	<0.078	<0.078	<0.11	<0.078	<0.22	<0.078	<0.33	<0.89	<2.2	<0.67	<0.33
	6/1/2009	UNABLE TO LOCATE												
	10/14/2009	PLUGGED & ABANDONED												
NMWQCC Standard		2200.00	11000.00	1.20	0.70	1.20	1.20	117.00	0.12	1460.00	1460.00	30.00	1100.00	1100.00

Notes:

Methods 8310 results in ug/L

Red indicates concentration exceeds standard

NA = Not Analyzed

Appendix 1

Sampling Protocol

Ground water samples were collected as established in the New Mexico Underground Storage Tank Bureau Guidelines for Corrective Action promulgated March 2000.

Water levels were measured prior to sample collection using a cleaned water level probe beginning with least contaminated, or clean monitoring wells to the most contaminated monitoring wells. Water levels of each monitoring well were recorded in field form. The water level probe was rinsed three times with distilled water prior to measuring water level in each monitoring well.

Monitoring wells were purged of three well bore volumes or until the well went dry prior to sampling. Samples collected for Method 8260 were collected in 40 ml vials, preserved with mercuric chloride, labeled with the date, time, monitoring well number, and the name of the sampler, and stored on ice. Samples collected for Method 8310 were collected in 1 L amber bottles, labeled with the date, time, monitoring well number and the name of the sampler, and stored on ice. Samples collected for Method 6010 were collected in 125 mL polypropylene bottles, labeled with the date, time, monitoring well number and the name of the sampler, and stored on ice.

Sample numbers were recorded on chain of custody forms and field notebook prior to delivery to the analyzing laboratory.

Appendix 2

Field Notes, Copies

WELL PURGE RECORD

JOB NAME: Conoco Min. Mod	DATE: 4-6-10 TIME: 0945
JOB #: 3116075	SAIC Representative: SLC/TJL

MONITORING WELL: 9
SAMPLING METHOD: USEPA SW846
FIELD CONDITIONS: cold/windy

DECONTAMINATION METHOD: SINGLE USE BAILER, FIELD EQUIPMENT: ALCANOX WASH, TRIPLE DI WATER RINSE

Total Depth of well: 13.5 **feet**
Depth to water before purging 3.69 **feet**

Height of Water Column in Feet	Well PVC Diameter		1 Volume in Gallons	Minimum Purge Volumes	Volume to Purge in Gallons
	2-inch	4-inch		3	
10.11	0.163	0.653	1.65		~5

TIME	VOLUME PURGED	pH	SPECIFIC CONDUCTIVITY	TEMP IN °C	DISOLVED OXYGEN	TURBIDITY	COMMENTS
1059	1.0	7.01	0.55	9.8			
1102	2.5	6.64	0.45	7.1			
1104	5.0	6.65	0.46	7.0			

WELL PURGE RECORD

JOB NAME: Concord Naval	DATE: 4-6-10 TIME: 0952
JOB #: 3116075	SAIC Representative: SLC/TJL

MONITORING WELL: 8
SAMPLING METHOD: USEPA SW846
FIELD CONDITIONS: Cool, windy

DECONTAMINATION METHOD: SINGLE USE BAILER, FIELD EQUIPMENT: ALCANOX WASH, TRIPLE DI WATER RINSE

Total Depth of well: 15.05 **feet**
Depth to water before purging 4.64 **feet**

Height of Water Column in Feet	Well PVC Diameter		1 Volume in Gallons	Minimum Purge Volumes	Volume to Purge in Gallons
	2-inch	4-inch		3	
10.41	0.163	0.653	1.70		5

TIME	VOLUME PURGED	pH	SPECIFIC CONDUCTIVITY	TEMP IN °C	DISOLVED OXYGEN	TURBIDITY	COMMENTS
1252	1.0	6.48	1.79	5.5			Clear, fast water
1253	2.0	6.66	1.76	6.0			
1254	3.0	6.72	1.74	6.1			
1256	4.0	6.74	1.72	5.8			
1258	5.6	6.76	1.68	6.4			

WELL PURGE RECORD

JOB NAME: ConocoMiniMart	DATE: 4-6-10 TIME: ~~0955~~ 1009
JOB #: 3116075	~~SAIC~~ Representative: SLC/TJL

MONITORING WELL: 12
SAMPLING METHOD: USEPA SW846
FIELD CONDITIONS: cold, windy

DECONTAMINATION METHOD: SINGLE USE BAILER, FIELD EQUIPMENT: ALCANOX WASH, TRIPLE DI WATER RINSE

Total Depth of well: 13.0 **feet**
Depth to water before purging 4.65 **feet**

Height of Water Column in Feet	Well PVC Diameter		1 Volume in Gallons	Minimum Purge Volumes	Volume to Purge in Gallons
	2-inch	4-inch		3	
8.35	0.163	0.653	1.36		≈ 4

TIME	VOLUME PURGED	pH	SPECIFIC CONDUCTIVITY	TEMP IN °C	DISOLVED OXYGEN	TURBIDITY	COMMENTS
1234	1.0	5.65	1.56	6.5			lt brn,
1235	2.0	5.86	1.53	5.7			slt odor
1236	3.0	5.77	1.85	5.5			
1238	4.0	5.28	2.33	5.2			
		6.18					

WELL PURGE RECORD

JOB NAME: Conoco Mini Mart	DATE: 4-6-10 TIME: 1016
JOB #: 3116075	SAIC Representative: SLC/TJL

MONITORING WELL: 6
SAMPLING METHOD: USEPA SW846
FIELD CONDITIONS: cold windy

DECONTAMINATION METHOD: SINGLE USE BAILER, FIELD EQUIPMENT: ALCANOX WASH, TRIPLE DI WATER RINSE

Total Depth of well: ~~20.01~~ 11.50 **feet**
Depth to water before purging 2.61 **feet**

Height of Water Column in Feet	Well PVC Diameter		1 Volume in Gallons	Minimum Purge Volumes	Volume to Purge in Gallons
	2-inch	4-inch		3	
8.89	0.163	0.653	145		~4

TIME	VOLUME PURGED	pH	SPECIFIC CONDUCTIVITY	TEMP IN °C	DISOLVED OXYGEN	TURBIDITY	COMMENTS
1211	1.0	7.37	0.97	7.6			Hbrn
1212	2.0	7.24	0.91	7.8			faint odor
1213	3.0	7.07	0.91	7.7			
1215	4.0	6.78	0.90	7.6			

WELL PURGE RECORD

JOB NAME: ConocoMiniMart	DATE: 4-6-16 TIME: 1020
JOB #: 3116075	SMA Representative: SLC/TJL

MONITORING WELL: 7
SAMPLING METHOD: USEPA SW846
FIELD CONDITIONS: Cold, Windy

DECONTAMINATION METHOD: SINGLE USE BAILER, FIELD EQUIPMENT: ALCANOX WASH, TRIPLE DI WATER RINSE

Total Depth of well: 12.2 **feet**
Depth to water before purging 4.09 **feet**

Height of Water Column in Feet	Well PVC Diameter		1 Volume in Gallons	Minimum Purge Volumes	Volume to Purge in Gallons
	2-inch	4-inch			
8.11	0.163	0.653	1.32	3	~4

TIME	VOLUME PURGED	pH	SPECIFIC CONDUCTIVITY	TEMP IN °C	DISOLVED OXYGEN	TURBIDITY	COMMENTS
1141	10	8.70	0.73	5.8			Grey, Smells Like product
1143	20	8.29	0.69	6.0			
1144	30	8.01	0.69	6.3			
1146	40	7.73	0.70	6.5			

WELL PURGE RECORD

JOB NAME: ConocoMiniMart	DATE: 4-6-10 TIME: 12:24
JOB #: 3116075	SMA Representative: SLC/TJL

MONITORING WELL: 11
SAMPLING METHOD: USEPA SW846
FIELD CONDITIONS: Cold, windy

DECONTAMINATION METHOD: SINGLE USE BAILER, FIELD EQUIPMENT: ALCANOX WASH, TRIPLE DI WATER RINSE

Total Depth of well: 12.5 **feet**
Depth to water before purging 3.69 **feet**

Height of Water Column in Feet	Well PVC Diameter		1 Volume in Gallons	Minimum Purge Volumes	Volume to Purge in Gallons
	2-inch	4-inch			
8.81	0.163	0.653	1.43	3	4

TIME	VOLUME PURGED	pH	SPECIFIC CONDUCTIVITY	TEMP IN °C	DISOLVED OXYGEN	TURBIDITY	COMMENTS
1115	1.0	6.51	0.83	8.7			
1116	2.0	6.32	0.84	6.5			
1117	3.0	6.34	0.84	5.5			
1119	4.00	6.53	0.95	6.2			

Appendix 3

Laboratory Results

HALL
ENVIRONMENTAL
ANALYSIS
LABORATORY

COVER LETTER

Monday, April 19, 2010

Shawna Chubbuck
Souder, Miller and Associates
612 E Murray Dr.
Farmington, NM 87401

TEL: (505) 325-5667
FAX (505) 327-1496

RE: Conoco Mini Mart

Order No.: 1004140

Dear Shawna Chubbuck:

Hall Environmental Analysis Laboratory, Inc. received 6 sample(s) on 4/8/2010 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. Below is a list of our accreditations. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites.

Reporting limits are determined by EPA methodology.

Please do not hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

Andy Freeman, Laboratory Manager

NM Lab # NM9425 NM0901
AZ license # AZ0682
ORELAP Lab # NM100001
Texas Lab# T104704424-08-TX

Hall Environmental Analysis Laboratory, Inc.

Date: *19-Apr-10*

CLIENT:	Souder, Miller and Associates	**Client Sample ID:**	MW9
Lab Order:	1004140	**Collection Date:**	4/6/2010 11:04:00 AM
Project:	Conoco Mini Mart	**Date Received:**	4/8/2010
Lab ID:	1004140-01	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8310: PAHS						Analyst: **SCC**
Naphthalene	ND	2.0		µg/L	1	4/16/2010 3:17:51 PM
1-Methylnaphthalene	ND	2.0		µg/L	1	4/16/2010 3:17:51 PM
2-Methylnaphthalene	ND	2.0		µg/L	1	4/16/2010 3:17:51 PM
Acenaphthylene	ND	2.5		µg/L	1	4/16/2010 3:17:51 PM
Acenaphthene	ND	5.0		µg/L	1	4/16/2010 3:17:51 PM
Fluorene	ND	0.80		µg/L	1	4/16/2010 3:17:51 PM
Phenanthrene	ND	0.60		µg/L	1	4/16/2010 3:17:51 PM
Anthracene	ND	0.60		µg/L	1	4/16/2010 3:17:51 PM
Fluoranthene	ND	0.30		µg/L	1	4/16/2010 3:17:51 PM
Pyrene	ND	0.30		µg/L	1	4/16/2010 3:17:51 PM
Benz(a)anthracene	ND	0.070		µg/L	1	4/16/2010 3:17:51 PM
Chrysene	ND	0.20		µg/L	1	4/16/2010 3:17:51 PM
Benzo(b)fluoranthene	ND	0.10		µg/L	1	4/16/2010 3:17:51 PM
Benzo(k)fluoranthene	ND	0.070		µg/L	1	4/16/2010 3:17:51 PM
Benzo(a)pyrene	ND	0.070		µg/L	1	4/16/2010 3:17:51 PM
Dibenz(a,h)anthracene	ND	0.070		µg/L	1	4/16/2010 3:17:51 PM
Benzo(g,h,i)perylene	ND	0.080		µg/L	1	4/16/2010 3:17:51 PM
Indeno(1,2,3-cd)pyrene	ND	0.080		µg/L	1	4/16/2010 3:17:51 PM
Surr: Benzo(e)pyrene	76.0	28.3-111		%REC	1	4/16/2010 3:17:51 PM
EPA METHOD 8260B: VOLATILES						Analyst: **DAM**
Benzene	ND	1.0		µg/L	1	4/9/2010 4:06:36 PM
Toluene	ND	1.0		µg/L	1	4/9/2010 4:06:36 PM
Ethylbenzene	ND	1.0		µg/L	1	4/9/2010 4:06:36 PM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	4/9/2010 4:06:36 PM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	4/9/2010 4:06:36 PM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	4/9/2010 4:06:36 PM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	4/9/2010 4:06:36 PM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	4/9/2010 4:06:36 PM
Naphthalene	ND	2.0		µg/L	1	4/9/2010 4:06:36 PM
1-Methylnaphthalene	ND	4.0		µg/L	1	4/9/2010 4:06:36 PM
2-Methylnaphthalene	ND	4.0		µg/L	1	4/9/2010 4:06:36 PM
Acetone	ND	10		µg/L	1	4/9/2010 4:06:36 PM
Bromobenzene	ND	1.0		µg/L	1	4/9/2010 4:06:36 PM
Bromodichloromethane	ND	1.0		µg/L	1	4/9/2010 4:06:36 PM
Bromoform	ND	1.0		µg/L	1	4/9/2010 4:06:36 PM
Bromomethane	ND	1.0		µg/L	1	4/9/2010 4:06:36 PM
2-Butanone	ND	10		µg/L	1	4/9/2010 4:06:36 PM
Carbon disulfide	ND	10		µg/L	1	4/9/2010 4:06:36 PM
Carbon Tetrachloride	ND	1.0		µg/L	1	4/9/2010 4:06:36 PM
Chlorobenzene	ND	1.0		µg/L	1	4/9/2010 4:06:36 PM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Estimated value
- J Analyte detected below quantitation limits
- NC Non-Chlorinated
- PQL Practical Quantitation Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Date: *19-Apr-10*

CLIENT:	Souder, Miller and Associates	**Client Sample ID:**	MW9
Lab Order:	1004140	**Collection Date:**	4/6/2010 11:04:00 AM
Project:	Conoco Mini Mart	**Date Received:**	4/8/2010
Lab ID:	1004140-01	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **DAM**
Chloroethane	ND	2.0		µg/L	1	4/9/2010 4:06:36 PM
Chloroform	ND	1.0		µg/L	1	4/9/2010 4:06:36 PM
Chloromethane	ND	1.0		µg/L	1	4/9/2010 4:06:36 PM
2-Chlorotoluene	ND	1.0		µg/L	1	4/9/2010 4:06:36 PM
4-Chlorotoluene	ND	1.0		µg/L	1	4/9/2010 4:06:36 PM
cis-1,2-DCE	ND	1.0		µg/L	1	4/9/2010 4:06:36 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	4/9/2010 4:06:36 PM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	4/9/2010 4:06:36 PM
Dibromochloromethane	ND	1.0		µg/L	1	4/9/2010 4:06:36 PM
Dibromomethane	ND	1.0		µg/L	1	4/9/2010 4:06:36 PM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	4/9/2010 4:06:36 PM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	4/9/2010 4:06:36 PM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	4/9/2010 4:06:36 PM
Dichlorodifluoromethane	ND	1.0		µg/L	1	4/9/2010 4:06:36 PM
1,1-Dichloroethane	ND	1.0		µg/L	1	4/9/2010 4:06:36 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	4/9/2010 4:06:36 PM
1,2-Dichloropropane	ND	1.0		µg/L	1	4/9/2010 4:06:36 PM
1,3-Dichloropropane	ND	1.0		µg/L	1	4/9/2010 4:06:36 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	4/9/2010 4:06:36 PM
1,1-Dichloropropene	ND	1.0		µg/L	1	4/9/2010 4:06:36 PM
Hexachlorobutadiene	ND	1.0		µg/L	1	4/9/2010 4:06:36 PM
2-Hexanone	ND	10		µg/L	1	4/9/2010 4:06:36 PM
Isopropylbenzene	ND	1.0		µg/L	1	4/9/2010 4:06:36 PM
4-Isopropyltoluene	ND	1.0		µg/L	1	4/9/2010 4:06:36 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	4/9/2010 4:06:36 PM
Methylene Chloride	ND	3.0		µg/L	1	4/9/2010 4:06:36 PM
n-Butylbenzene	ND	1.0		µg/L	1	4/9/2010 4:06:36 PM
n-Propylbenzene	ND	1.0		µg/L	1	4/9/2010 4:06:36 PM
sec-Butylbenzene	ND	1.0		µg/L	1	4/9/2010 4:06:36 PM
Styrene	ND	1.0		µg/L	1	4/9/2010 4:06:36 PM
tert-Butylbenzene	ND	1.0		µg/L	1	4/9/2010 4:06:36 PM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	4/9/2010 4:06:36 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	4/9/2010 4:06:36 PM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	4/9/2010 4:06:36 PM
trans-1,2-DCE	ND	1.0		µg/L	1	4/9/2010 4:06:36 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	4/9/2010 4:06:36 PM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	4/9/2010 4:06:36 PM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	4/9/2010 4:06:36 PM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	4/9/2010 4:06:36 PM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	4/9/2010 4:06:36 PM
Trichloroethene (TCE)	ND	1.0		µg/L	1	4/9/2010 4:06:36 PM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Estimated value
- J Analyte detected below quantitation limits
- NC Non-Chlorinated
- PQL Practical Quantitation Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Date: *19-Apr-10*

CLIENT:	Souder, Miller and Associates	**Client Sample ID:**	MW9
Lab Order:	1004140	**Collection Date:**	4/6/2010 11:04:00 AM
Project:	Conoco Mini Mart	**Date Received:**	4/8/2010
Lab ID:	1004140-01	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **DAM**
Trichlorofluoromethane	ND	1.0		µg/L	1	4/9/2010 4:06:36 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	4/9/2010 4:06:36 PM
Vinyl chloride	ND	1.0		µg/L	1	4/9/2010 4:06:36 PM
Xylenes, Total	ND	1.5		µg/L	1	4/9/2010 4:06:36 PM
Surr: 1,2-Dichloroethane-d4	88.2	54.6-141		%REC	1	4/9/2010 4:06:36 PM
Surr: 4-Bromofluorobenzene	107	60.1-133		%REC	1	4/9/2010 4:06:36 PM
Surr: Dibromofluoromethane	112	78.5-130		%REC	1	4/9/2010 4:06:36 PM
Surr: Toluene-d8	102	79.5-126		%REC	1	4/9/2010 4:06:36 PM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Estimated value
- J Analyte detected below quantitation limits
- NC Non-Chlorinated
- PQL Practical Quantitation Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Date: *19-Apr-10*

CLIENT: Souder, Miller and Associates
Lab Order: 1004140
Project: Conoco Mini Mart
Lab ID: 1004140-02

Client Sample ID: MW11
Collection Date: 4/6/2010 11:19:00 AM
Date Received: 4/8/2010
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8310: PAHS						Analyst: **SCC**
Naphthalene	ND	2.0		µg/L	1	4/16/2010 3:39:07 PM
1-Methylnaphthalene	ND	2.0		µg/L	1	4/16/2010 3:39:07 PM
2-Methylnaphthalene	ND	2.0		µg/L	1	4/16/2010 3:39:07 PM
Acenaphthylene	ND	2.5		µg/L	1	4/16/2010 3:39:07 PM
Acenaphthene	ND	5.0		µg/L	1	4/16/2010 3:39:07 PM
Fluorene	ND	0.80		µg/L	1	4/16/2010 3:39:07 PM
Phenanthrene	ND	0.60		µg/L	1	4/16/2010 3:39:07 PM
Anthracene	ND	0.60		µg/L	1	4/16/2010 3:39:07 PM
Fluoranthene	ND	0.30		µg/L	1	4/16/2010 3:39:07 PM
Pyrene	ND	0.30		µg/L	1	4/16/2010 3:39:07 PM
Benz(a)anthracene	ND	0.070		µg/L	1	4/16/2010 3:39:07 PM
Chrysene	ND	0.20		µg/L	1	4/16/2010 3:39:07 PM
Benzo(b)fluoranthene	ND	0.10		µg/L	1	4/16/2010 3:39:07 PM
Benzo(k)fluoranthene	ND	0.070		µg/L	1	4/16/2010 3:39:07 PM
Benzo(a)pyrene	ND	0.070		µg/L	1	4/16/2010 3:39:07 PM
Dibenz(a,h)anthracene	ND	0.070		µg/L	1	4/16/2010 3:39:07 PM
Benzo(g,h,i)perylene	ND	0.080		µg/L	1	4/16/2010 3:39:07 PM
Indeno(1,2,3-cd)pyrene	ND	0.080		µg/L	1	4/16/2010 3:39:07 PM
Surr: Benzo(e)pyrene	68.8	28.3-111		%REC	1	4/16/2010 3:39:07 PM
EPA METHOD 8260B: VOLATILES						Analyst: **DAM**
Benzene	1.1	1.0		µg/L	1	4/9/2010 4:34:45 PM
Toluene	ND	1.0		µg/L	1	4/9/2010 4:34:45 PM
Ethylbenzene	2.1	1.0		µg/L	1	4/9/2010 4:34:45 PM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	4/9/2010 4:34:45 PM
1,2,4-Trimethylbenzene	6.1	1.0		µg/L	1	4/9/2010 4:34:45 PM
1,3,5-Trimethylbenzene	4.4	1.0		µg/L	1	4/9/2010 4:34:45 PM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	4/9/2010 4:34:45 PM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	4/9/2010 4:34:45 PM
Naphthalene	ND	2.0		µg/L	1	4/9/2010 4:34:45 PM
1-Methylnaphthalene	ND	4.0		µg/L	1	4/9/2010 4:34:45 PM
2-Methylnaphthalene	ND	4.0		µg/L	1	4/9/2010 4:34:45 PM
Acetone	ND	10		µg/L	1	4/9/2010 4:34:45 PM
Bromobenzene	ND	1.0		µg/L	1	4/9/2010 4:34:45 PM
Bromodichloromethane	ND	1.0		µg/L	1	4/9/2010 4:34:45 PM
Bromoform	ND	1.0		µg/L	1	4/9/2010 4:34:45 PM
Bromomethane	ND	1.0		µg/L	1	4/9/2010 4:34:45 PM
2-Butanone	ND	10		µg/L	1	4/9/2010 4:34:45 PM
Carbon disulfide	ND	10		µg/L	1	4/9/2010 4:34:45 PM
Carbon Tetrachloride	ND	1.0		µg/L	1	4/9/2010 4:34:45 PM
Chlorobenzene	ND	1.0		µg/L	1	4/9/2010 4:34:45 PM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Estimated value
- J Analyte detected below quantitation limits
- NC Non-Chlorinated
- PQL Practical Quantitation Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Date: *19-Apr-10*

CLIENT: Souder, Miller and Associates
Lab Order: 1004140
Project: Conoco Mini Mart
Lab ID: 1004140-02

Client Sample ID: MW11
Collection Date: 4/6/2010 11:19:00 AM
Date Received: 4/8/2010
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: DAM
Chloroethane	ND	2.0		µg/L	1	4/9/2010 4:34:45 PM
Chloroform	ND	1.0		µg/L	1	4/9/2010 4:34:45 PM
Chloromethane	ND	1.0		µg/L	1	4/9/2010 4:34:45 PM
2-Chlorotoluene	ND	1.0		µg/L	1	4/9/2010 4:34:45 PM
4-Chlorotoluene	ND	1.0		µg/L	1	4/9/2010 4:34:45 PM
cis-1,2-DCE	ND	1.0		µg/L	1	4/9/2010 4:34:45 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	4/9/2010 4:34:45 PM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	4/9/2010 4:34:45 PM
Dibromochloromethane	ND	1.0		µg/L	1	4/9/2010 4:34:45 PM
Dibromomethane	ND	1.0		µg/L	1	4/9/2010 4:34:45 PM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	4/9/2010 4:34:45 PM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	4/9/2010 4:34:45 PM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	4/9/2010 4:34:45 PM
Dichlorodifluoromethane	ND	1.0		µg/L	1	4/9/2010 4:34:45 PM
1,1-Dichloroethane	ND	1.0		µg/L	1	4/9/2010 4:34:45 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	4/9/2010 4:34:45 PM
1,2-Dichloropropane	ND	1.0		µg/L	1	4/9/2010 4:34:45 PM
1,3-Dichloropropane	ND	1.0		µg/L	1	4/9/2010 4:34:45 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	4/9/2010 4:34:45 PM
1,1-Dichloropropene	ND	1.0		µg/L	1	4/9/2010 4:34:45 PM
Hexachlorobutadiene	ND	1.0		µg/L	1	4/9/2010 4:34:45 PM
2-Hexanone	ND	10		µg/L	1	4/9/2010 4:34:45 PM
Isopropylbenzene	ND	1.0		µg/L	1	4/9/2010 4:34:45 PM
4-Isopropyltoluene	ND	1.0		µg/L	1	4/9/2010 4:34:45 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	4/9/2010 4:34:45 PM
Methylene Chloride	ND	3.0		µg/L	1	4/9/2010 4:34:45 PM
n-Butylbenzene	ND	1.0		µg/L	1	4/9/2010 4:34:45 PM
n-Propylbenzene	ND	1.0		µg/L	1	4/9/2010 4:34:45 PM
sec-Butylbenzene	ND	1.0		µg/L	1	4/9/2010 4:34:45 PM
Styrene	ND	1.0		µg/L	1	4/9/2010 4:34:45 PM
tert-Butylbenzene	ND	1.0		µg/L	1	4/9/2010 4:34:45 PM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	4/9/2010 4:34:45 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	4/9/2010 4:34:45 PM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	4/9/2010 4:34:45 PM
trans-1,2-DCE	ND	1.0		µg/L	1	4/9/2010 4:34:45 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	4/9/2010 4:34:45 PM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	4/9/2010 4:34:45 PM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	4/9/2010 4:34:45 PM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	4/9/2010 4:34:45 PM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	4/9/2010 4:34:45 PM
Trichloroethene (TCE)	ND	1.0		µg/L	1	4/9/2010 4:34:45 PM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Estimated value
- J Analyte detected below quantitation limits
- NC Non-Chlorinated
- PQL Practical Quantitation Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Date: *19-Apr-10*

CLIENT:	Souder, Miller and Associates	**Client Sample ID:**	MW11
Lab Order:	1004140	**Collection Date:**	4/6/2010 11:19:00 AM
Project:	Conoco Mini Mart	**Date Received:**	4/8/2010
Lab ID:	1004140-02	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **DAM**
Trichlorofluoromethane	ND	1.0		µg/L	1	4/9/2010 4:34:45 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	4/9/2010 4:34:45 PM
Vinyl chloride	ND	1.0		µg/L	1	4/9/2010 4:34:45 PM
Xylenes, Total	4.4	1.5		µg/L	1	4/9/2010 4:34:45 PM
Surr: 1,2-Dichloroethane-d4	88.3	54.6-141		%REC	1	4/9/2010 4:34:45 PM
Surr: 4-Bromofluorobenzene	107	60.1-133		%REC	1	4/9/2010 4:34:45 PM
Surr: Dibromofluoromethane	113	78.5-130		%REC	1	4/9/2010 4:34:45 PM
Surr: Toluene-d8	98.4	79.5-126		%REC	1	4/9/2010 4:34:45 PM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Estimated value
- J Analyte detected below quantitation limits
- NC Non-Chlorinated
- PQL Practical Quantitation Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Date: *19-Apr-10*

CLIENT: Souder, Miller and Associates
Lab Order: 1004140
Project: Conoco Mini Mart
Lab ID: 1004140-03

Client Sample ID: MW7
Collection Date: 4/6/2010 11:46:00 AM
Date Received: 4/8/2010
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8310: PAHS						Analyst: **SCC**
Naphthalene	180	4.0		µg/L	2	4/16/2010 8:20:59 PM
1-Methylnaphthalene	47	2.0		µg/L	1	4/16/2010 4:00:27 PM
2-Methylnaphthalene	150	4.0		µg/L	2	4/16/2010 8:20:59 PM
Acenaphthylene	ND	2.5		µg/L	1	4/16/2010 4:00:27 PM
Acenaphthene	ND	5.0		µg/L	1	4/16/2010 4:00:27 PM
Fluorene	ND	0.80		µg/L	1	4/16/2010 4:00:27 PM
Phenanthrene	ND	0.60		µg/L	1	4/16/2010 4:00:27 PM
Anthracene	ND	0.60		µg/L	1	4/16/2010 4:00:27 PM
Fluoranthene	ND	0.30		µg/L	1	4/16/2010 4:00:27 PM
Pyrene	ND	0.30		µg/L	1	4/16/2010 4:00:27 PM
Benz(a)anthracene	ND	0.070		µg/L	1	4/16/2010 4:00:27 PM
Chrysene	ND	0.20		µg/L	1	4/16/2010 4:00:27 PM
Benzo(b)fluoranthene	ND	0.10		µg/L	1	4/16/2010 4:00:27 PM
Benzo(k)fluoranthene	ND	0.070		µg/L	1	4/16/2010 4:00:27 PM
Benzo(a)pyrene	ND	0.070		µg/L	1	4/16/2010 4:00:27 PM
Dibenz(a,h)anthracene	ND	0.070		µg/L	1	4/16/2010 4:00:27 PM
Benzo(g,h,i)perylene	ND	0.080		µg/L	1	4/16/2010 4:00:27 PM
Indeno(1,2,3-cd)pyrene	ND	0.080		µg/L	1	4/16/2010 4:00:27 PM
Surr: Benzo(e)pyrene	57.1	28.3-111		%REC	1	4/16/2010 4:00:27 PM
EPA METHOD 8260B: VOLATILES						Analyst: **DAM**
Benzene	28	10		µg/L	10	4/9/2010 5:03:09 PM
Toluene	11	10		µg/L	10	4/9/2010 5:03:09 PM
Ethylbenzene	600	10		µg/L	10	4/9/2010 5:03:09 PM
Methyl tert-butyl ether (MTBE)	ND	10		µg/L	10	4/9/2010 5:03:09 PM
1,2,4-Trimethylbenzene	870	10		µg/L	10	4/9/2010 5:03:09 PM
1,3,5-Trimethylbenzene	420	10		µg/L	10	4/9/2010 5:03:09 PM
1,2-Dichloroethane (EDC)	ND	10		µg/L	10	4/9/2010 5:03:09 PM
1,2-Dibromoethane (EDB)	ND	10		µg/L	10	4/9/2010 5:03:09 PM
Naphthalene	360	20		µg/L	10	4/9/2010 5:03:09 PM
1-Methylnaphthalene	69	40		µg/L	10	4/9/2010 5:03:09 PM
2-Methylnaphthalene	200	40		µg/L	10	4/9/2010 5:03:09 PM
Acetone	ND	100		µg/L	10	4/9/2010 5:03:09 PM
Bromobenzene	ND	10		µg/L	10	4/9/2010 5:03:09 PM
Bromodichloromethane	ND	10		µg/L	10	4/9/2010 5:03:09 PM
Bromoform	ND	10		µg/L	10	4/9/2010 5:03:09 PM
Bromomethane	ND	10		µg/L	10	4/9/2010 5:03:09 PM
2-Butanone	ND	100		µg/L	10	4/9/2010 5:03:09 PM
Carbon disulfide	ND	100		µg/L	10	4/9/2010 5:03:09 PM
Carbon Tetrachloride	ND	10		µg/L	10	4/9/2010 5:03:09 PM
Chlorobenzene	ND	10		µg/L	10	4/9/2010 5:03:09 PM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Estimated value
- J Analyte detected below quantitation limits
- NC Non-Chlorinated
- PQL Practical Quantitation Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Date: *19-Apr-10*

CLIENT:	Souder, Miller and Associates	**Client Sample ID:**	MW7
Lab Order:	1004140	**Collection Date:**	4/6/2010 11:46:00 AM
Project:	Conoco Mini Mart	**Date Received:**	4/8/2010
Lab ID:	1004140-03	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **DAM**
Chloroethane	ND	20		µg/L	10	4/9/2010 5:03:09 PM
Chloroform	ND	10		µg/L	10	4/9/2010 5:03:09 PM
Chloromethane	ND	10		µg/L	10	4/9/2010 5:03:09 PM
2-Chlorotoluene	ND	10		µg/L	10	4/9/2010 5:03:09 PM
4-Chlorotoluene	ND	10		µg/L	10	4/9/2010 5:03:09 PM
cis-1,2-DCE	ND	10		µg/L	10	4/9/2010 5:03:09 PM
cis-1,3-Dichloropropene	ND	10		µg/L	10	4/9/2010 5:03:09 PM
1,2-Dibromo-3-chloropropane	ND	20		µg/L	10	4/9/2010 5:03:09 PM
Dibromochloromethane	ND	10		µg/L	10	4/9/2010 5:03:09 PM
Dibromomethane	ND	10		µg/L	10	4/9/2010 5:03:09 PM
1,2-Dichlorobenzene	ND	10		µg/L	10	4/9/2010 5:03:09 PM
1,3-Dichlorobenzene	ND	10		µg/L	10	4/9/2010 5:03:09 PM
1,4-Dichlorobenzene	ND	10		µg/L	10	4/9/2010 5:03:09 PM
Dichlorodifluoromethane	ND	10		µg/L	10	4/9/2010 5:03:09 PM
1,1-Dichloroethane	ND	10		µg/L	10	4/9/2010 5:03:09 PM
1,1-Dichloroethene	ND	10		µg/L	10	4/9/2010 5:03:09 PM
1,2-Dichloropropane	ND	10		µg/L	10	4/9/2010 5:03:09 PM
1,3-Dichloropropane	ND	10		µg/L	10	4/9/2010 5:03:09 PM
2,2-Dichloropropane	ND	20		µg/L	10	4/9/2010 5:03:09 PM
1,1-Dichloropropene	ND	10		µg/L	10	4/9/2010 5:03:09 PM
Hexachlorobutadiene	ND	10		µg/L	10	4/9/2010 5:03:09 PM
2-Hexanone	ND	100		µg/L	10	4/9/2010 5:03:09 PM
Isopropylbenzene	46	10		µg/L	10	4/9/2010 5:03:09 PM
4-Isopropyltoluene	37	10		µg/L	10	4/9/2010 5:03:09 PM
4-Methyl-2-pentanone	ND	100		µg/L	10	4/9/2010 5:03:09 PM
Methylene Chloride	ND	30		µg/L	10	4/9/2010 5:03:09 PM
n-Butylbenzene	35	10		µg/L	10	4/9/2010 5:03:09 PM
n-Propylbenzene	100	10		µg/L	10	4/9/2010 5:03:09 PM
sec-Butylbenzene	16	10		µg/L	10	4/9/2010 5:03:09 PM
Styrene	ND	10		µg/L	10	4/9/2010 5:03:09 PM
tert-Butylbenzene	ND	10		µg/L	10	4/9/2010 5:03:09 PM
1,1,1,2-Tetrachloroethane	ND	10		µg/L	10	4/9/2010 5:03:09 PM
1,1,2,2-Tetrachloroethane	ND	20		µg/L	10	4/9/2010 5:03:09 PM
Tetrachloroethene (PCE)	ND	10		µg/L	10	4/9/2010 5:03:09 PM
trans-1,2-DCE	ND	10		µg/L	10	4/9/2010 5:03:09 PM
trans-1,3-Dichloropropene	ND	10		µg/L	10	4/9/2010 5:03:09 PM
1,2,3-Trichlorobenzene	ND	10		µg/L	10	4/9/2010 5:03:09 PM
1,2,4-Trichlorobenzene	ND	10		µg/L	10	4/9/2010 5:03:09 PM
1,1,1-Trichloroethane	ND	10		µg/L	10	4/9/2010 5:03:09 PM
1,1,2-Trichloroethane	ND	10		µg/L	10	4/9/2010 5:03:09 PM
Trichloroethene (TCE)	ND	10		µg/L	10	4/9/2010 5:03:09 PM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Estimated value
- J Analyte detected below quantitation limits
- NC Non-Chlorinated
- PQL Practical Quantitation Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Date: *19-Apr-10*

CLIENT:	Souder, Miller and Associates	**Client Sample ID:**	MW7
Lab Order:	1004140	**Collection Date:**	4/6/2010 11:46:00 AM
Project:	Conoco Mini Mart	**Date Received:**	4/8/2010
Lab ID:	1004140-03	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
						Analyst: **DAM**
EPA METHOD 8260B: VOLATILES						
Trichlorofluoromethane	ND	10		µg/L	10	4/9/2010 5:03:09 PM
1,2,3-Trichloropropane	ND	20		µg/L	10	4/9/2010 5:03:09 PM
Vinyl chloride	ND	10		µg/L	10	4/9/2010 5:03:09 PM
Xylenes, Total	1400	15		µg/L	10	4/9/2010 5:03:09 PM
Surr: 1,2-Dichloroethane-d4	95.5	54.6-141		%REC	10	4/9/2010 5:03:09 PM
Surr: 4-Bromofluorobenzene	105	60.1-133		%REC	10	4/9/2010 5:03:09 PM
Surr: Dibromofluoromethane	128	78.5-130		%REC	10	4/9/2010 5:03:09 PM
Surr: Toluene-d8	93.5	79.5-126		%REC	10	4/9/2010 5:03:09 PM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Estimated value
- J Analyte detected below quantitation limits
- NC Non-Chlorinated
- PQL Practical Quantitation Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Date: *19-Apr-10*

CLIENT: Souder, Miller and Associates
Lab Order: 1004140
Project: Conoco Mini Mart
Lab ID: 1004140-04

Client Sample ID: MW6
Collection Date: 4/6/2010 12:15:00 PM
Date Received: 4/8/2010
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8310: PAHS						Analyst: **SCC**
Naphthalene	ND	2.0		µg/L	1	4/16/2010 4:21:43 PM
1-Methylnaphthalene	ND	2.0		µg/L	1	4/16/2010 4:21:43 PM
2-Methylnaphthalene	ND	2.0		µg/L	1	4/16/2010 4:21:43 PM
Acenaphthylene	ND	2.5		µg/L	1	4/16/2010 4:21:43 PM
Acenaphthene	ND	5.0		µg/L	1	4/16/2010 4:21:43 PM
Fluorene	ND	0.80		µg/L	1	4/16/2010 4:21:43 PM
Phenanthrene	ND	0.60		µg/L	1	4/16/2010 4:21:43 PM
Anthracene	ND	0.60		µg/L	1	4/16/2010 4:21:43 PM
Fluoranthene	ND	0.30		µg/L	1	4/16/2010 4:21:43 PM
Pyrene	ND	0.30		µg/L	1	4/16/2010 4:21:43 PM
Benz(a)anthracene	ND	0.070		µg/L	1	4/16/2010 4:21:43 PM
Chrysene	ND	0.20		µg/L	1	4/16/2010 4:21:43 PM
Benzo(b)fluoranthene	ND	0.10		µg/L	1	4/16/2010 4:21:43 PM
Benzo(k)fluoranthene	ND	0.070		µg/L	1	4/16/2010 4:21:43 PM
Benzo(a)pyrene	ND	0.070		µg/L	1	4/16/2010 4:21:43 PM
Dibenz(a,h)anthracene	ND	0.070		µg/L	1	4/16/2010 4:21:43 PM
Benzo(g,h,i)perylene	ND	0.080		µg/L	1	4/16/2010 4:21:43 PM
Indeno(1,2,3-cd)pyrene	ND	0.080		µg/L	1	4/16/2010 4:21:43 PM
Surr: Benzo(e)pyrene	55.1	28.3-111		%REC	1	4/16/2010 4:21:43 PM
EPA METHOD 8260B: VOLATILES						Analyst: **DAM**
Benzene	ND	1.0		µg/L	1	4/9/2010 5:31:12 PM
Toluene	ND	1.0		µg/L	1	4/9/2010 5:31:12 PM
Ethylbenzene	ND	1.0		µg/L	1	4/9/2010 5:31:12 PM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	4/9/2010 5:31:12 PM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	4/9/2010 5:31:12 PM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	4/9/2010 5:31:12 PM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	4/9/2010 5:31:12 PM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	4/9/2010 5:31:12 PM
Naphthalene	ND	2.0		µg/L	1	4/9/2010 5:31:12 PM
1-Methylnaphthalene	ND	4.0		µg/L	1	4/9/2010 5:31:12 PM
2-Methylnaphthalene	ND	4.0		µg/L	1	4/9/2010 5:31:12 PM
Acetone	ND	10		µg/L	1	4/9/2010 5:31:12 PM
Bromobenzene	ND	1.0		µg/L	1	4/9/2010 5:31:12 PM
Bromodichloromethane	ND	1.0		µg/L	1	4/9/2010 5:31:12 PM
Bromoform	ND	1.0		µg/L	1	4/9/2010 5:31:12 PM
Bromomethane	ND	1.0		µg/L	1	4/9/2010 5:31:12 PM
2-Butanone	ND	10		µg/L	1	4/9/2010 5:31:12 PM
Carbon disulfide	ND	10		µg/L	1	4/9/2010 5:31:12 PM
Carbon Tetrachloride	ND	1.0		µg/L	1	4/9/2010 5:31:12 PM
Chlorobenzene	ND	1.0		µg/L	1	4/9/2010 5:31:12 PM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Estimated value
- J Analyte detected below quantitation limits
- NC Non-Chlorinated
- PQL Practical Quantitation Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Date: *19-Apr-10*

CLIENT:	Souder, Miller and Associates	**Client Sample ID:**	MW6
Lab Order:	1004140	**Collection Date:**	4/6/2010 12:15:00 PM
Project:	Conoco Mini Mart	**Date Received:**	4/8/2010
Lab ID:	1004140-04	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **DAM**
Chloroethane	ND	2.0		µg/L	1	4/9/2010 5:31:12 PM
Chloroform	ND	1.0		µg/L	1	4/9/2010 5:31:12 PM
Chloromethane	ND	1.0		µg/L	1	4/9/2010 5:31:12 PM
2-Chlorotoluene	ND	1.0		µg/L	1	4/9/2010 5:31:12 PM
4-Chlorotoluene	ND	1.0		µg/L	1	4/9/2010 5:31:12 PM
cis-1,2-DCE	ND	1.0		µg/L	1	4/9/2010 5:31:12 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	4/9/2010 5:31:12 PM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	4/9/2010 5:31:12 PM
Dibromochloromethane	ND	1.0		µg/L	1	4/9/2010 5:31:12 PM
Dibromomethane	ND	1.0		µg/L	1	4/9/2010 5:31:12 PM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	4/9/2010 5:31:12 PM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	4/9/2010 5:31:12 PM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	4/9/2010 5:31:12 PM
Dichlorodifluoromethane	ND	1.0		µg/L	1	4/9/2010 5:31:12 PM
1,1-Dichloroethane	ND	1.0		µg/L	1	4/9/2010 5:31:12 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	4/9/2010 5:31:12 PM
1,2-Dichloropropane	ND	1.0		µg/L	1	4/9/2010 5:31:12 PM
1,3-Dichloropropane	ND	1.0		µg/L	1	4/9/2010 5:31:12 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	4/9/2010 5:31:12 PM
1,1-Dichloropropene	ND	1.0		µg/L	1	4/9/2010 5:31:12 PM
Hexachlorobutadiene	ND	1.0		µg/L	1	4/9/2010 5:31:12 PM
2-Hexanone	ND	10		µg/L	1	4/9/2010 5:31:12 PM
Isopropylbenzene	ND	1.0		µg/L	1	4/9/2010 5:31:12 PM
4-Isopropyltoluene	ND	1.0		µg/L	1	4/9/2010 5:31:12 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	4/9/2010 5:31:12 PM
Methylene Chloride	ND	3.0		µg/L	1	4/9/2010 5:31:12 PM
n-Butylbenzene	ND	1.0		µg/L	1	4/9/2010 5:31:12 PM
n-Propylbenzene	ND	1.0		µg/L	1	4/9/2010 5:31:12 PM
sec-Butylbenzene	ND	1.0		µg/L	1	4/9/2010 5:31:12 PM
Styrene	ND	1.0		µg/L	1	4/9/2010 5:31:12 PM
tert-Butylbenzene	ND	1.0		µg/L	1	4/9/2010 5:31:12 PM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	4/9/2010 5:31:12 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	4/9/2010 5:31:12 PM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	4/9/2010 5:31:12 PM
trans-1,2-DCE	ND	1.0		µg/L	1	4/9/2010 5:31:12 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	4/9/2010 5:31:12 PM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	4/9/2010 5:31:12 PM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	4/9/2010 5:31:12 PM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	4/9/2010 5:31:12 PM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	4/9/2010 5:31:12 PM
Trichloroethene (TCE)	ND	1.0		µg/L	1	4/9/2010 5:31:12 PM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Estimated value
- J Analyte detected below quantitation limits
- NC Non-Chlorinated
- PQL Practical Quantitation Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

CLIENT:	Souder, Miller and Associates	**Client Sample ID:**	MW6
Lab Order:	1004140	**Collection Date:**	4/6/2010 12:15:00 PM
Project:	Conoco Mini Mart	**Date Received:**	4/8/2010
Lab ID:	1004140-04	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **DAM**
Trichlorofluoromethane	ND	1.0		µg/L	1	4/9/2010 5:31:12 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	4/9/2010 5:31:12 PM
Vinyl chloride	ND	1.0		µg/L	1	4/9/2010 5:31:12 PM
Xylenes, Total	ND	1.5		µg/L	1	4/9/2010 5:31:12 PM
Surr: 1,2-Dichloroethane-d4	91.2	54.6-141		%REC	1	4/9/2010 5:31:12 PM
Surr: 4-Bromofluorobenzene	95.9	60.1-133		%REC	1	4/9/2010 5:31:12 PM
Surr: Dibromofluoromethane	109	78.5-130		%REC	1	4/9/2010 5:31:12 PM
Surr: Toluene-d8	95.1	79.5-126		%REC	1	4/9/2010 5:31:12 PM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Estimated value
- J Analyte detected below quantitation limits
- NC Non-Chlorinated
- PQL Practical Quantitation Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Date: *19-Apr-10*

CLIENT:	Souder, Miller and Associates	**Client Sample ID:**	MW12
Lab Order:	1004140	**Collection Date:**	4/6/2010 12:38:00 PM
Project:	Conoco Mini Mart	**Date Received:**	4/8/2010
Lab ID:	1004140-05	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8310: PAHS						Analyst: **SCC**
Naphthalene	48	2.0		µg/L	1	4/16/2010 4:47:54 PM
1-Methylnaphthalene	17	2.0		µg/L	1	4/16/2010 4:47:54 PM
2-Methylnaphthalene	27	2.0		µg/L	1	4/16/2010 4:47:54 PM
Acenaphthylene	ND	2.5		µg/L	1	4/16/2010 4:47:54 PM
Acenaphthene	ND	5.0		µg/L	1	4/16/2010 4:47:54 PM
Fluorene	1.5	0.80		µg/L	1	4/16/2010 4:47:54 PM
Phenanthrene	ND	0.60		µg/L	1	4/16/2010 4:47:54 PM
Anthracene	ND	0.60		µg/L	1	4/16/2010 4:47:54 PM
Fluoranthene	ND	0.30		µg/L	1	4/16/2010 4:47:54 PM
Pyrene	ND	0.30		µg/L	1	4/16/2010 4:47:54 PM
Benz(a)anthracene	ND	0.070		µg/L	1	4/16/2010 4:47:54 PM
Chrysene	ND	0.20		µg/L	1	4/16/2010 4:47:54 PM
Benzo(b)fluoranthene	ND	0.10		µg/L	1	4/16/2010 4:47:54 PM
Benzo(k)fluoranthene	ND	0.070		µg/L	1	4/16/2010 4:47:54 PM
Benzo(a)pyrene	ND	0.070		µg/L	1	4/16/2010 4:47:54 PM
Dibenz(a,h)anthracene	ND	0.070		µg/L	1	4/16/2010 4:47:54 PM
Benzo(g,h,i)perylene	ND	0.080		µg/L	1	4/16/2010 4:47:54 PM
Indeno(1,2,3-cd)pyrene	ND	0.080		µg/L	1	4/16/2010 4:47:54 PM
Surr: Benzo(e)pyrene	58.1	28.3-111		%REC	1	4/16/2010 4:47:54 PM
EPA METHOD 8260B: VOLATILES						Analyst: **DAM**
Benzene	ND	1.0		µg/L	1	4/9/2010 5:59:18 PM
Toluene	5.4	1.0		µg/L	1	4/9/2010 5:59:18 PM
Ethylbenzene	280	10		µg/L	10	4/12/2010 2:26:27 PM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	4/9/2010 5:59:18 PM
1,2,4-Trimethylbenzene	940	10		µg/L	10	4/12/2010 2:26:27 PM
1,3,5-Trimethylbenzene	310	10		µg/L	10	4/12/2010 2:26:27 PM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	4/9/2010 5:59:18 PM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	4/9/2010 5:59:18 PM
Naphthalene	94	2.0		µg/L	1	4/9/2010 5:59:18 PM
1-Methylnaphthalene	19	4.0		µg/L	1	4/9/2010 5:59:18 PM
2-Methylnaphthalene	33	4.0		µg/L	1	4/9/2010 5:59:18 PM
Acetone	ND	10		µg/L	1	4/9/2010 5:59:18 PM
Bromobenzene	ND	1.0		µg/L	1	4/9/2010 5:59:18 PM
Bromodichloromethane	ND	1.0		µg/L	1	4/9/2010 5:59:18 PM
Bromoform	ND	1.0		µg/L	1	4/9/2010 5:59:18 PM
Bromomethane	ND	1.0		µg/L	1	4/9/2010 5:59:18 PM
2-Butanone	ND	10		µg/L	1	4/9/2010 5:59:18 PM
Carbon disulfide	ND	10		µg/L	1	4/9/2010 5:59:18 PM
Carbon Tetrachloride	ND	1.0		µg/L	1	4/9/2010 5:59:18 PM
Chlorobenzene	ND	1.0		µg/L	1	4/9/2010 5:59:18 PM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Estimated value
- J Analyte detected below quantitation limits
- NC Non-Chlorinated
- PQL Practical Quantitation Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Date: *19-Apr-10*

CLIENT:	Souder, Miller and Associates	**Client Sample ID:**	MW12
Lab Order:	1004140	**Collection Date:**	4/6/2010 12:38:00 PM
Project:	Conoco Mini Mart	**Date Received:**	4/8/2010
Lab ID:	1004140-05	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **DAM**
Chloroethane	ND	2.0		µg/L	1	4/9/2010 5:59:18 PM
Chloroform	ND	1.0		µg/L	1	4/9/2010 5:59:18 PM
Chloromethane	ND	1.0		µg/L	1	4/9/2010 5:59:18 PM
2-Chlorotoluene	ND	1.0		µg/L	1	4/9/2010 5:59:18 PM
4-Chlorotoluene	ND	1.0		µg/L	1	4/9/2010 5:59:18 PM
cis-1,2-DCE	ND	1.0		µg/L	1	4/9/2010 5:59:18 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	4/9/2010 5:59:18 PM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	4/9/2010 5:59:18 PM
Dibromochloromethane	ND	1.0		µg/L	1	4/9/2010 5:59:18 PM
Dibromomethane	ND	1.0		µg/L	1	4/9/2010 5:59:18 PM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	4/9/2010 5:59:18 PM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	4/9/2010 5:59:18 PM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	4/9/2010 5:59:18 PM
Dichlorodifluoromethane	ND	1.0		µg/L	1	4/9/2010 5:59:18 PM
1,1-Dichloroethane	ND	1.0		µg/L	1	4/9/2010 5:59:18 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	4/9/2010 5:59:18 PM
1,2-Dichloropropane	ND	1.0		µg/L	1	4/9/2010 5:59:18 PM
1,3-Dichloropropane	ND	1.0		µg/L	1	4/9/2010 5:59:18 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	4/9/2010 5:59:18 PM
1,1-Dichloropropene	ND	1.0		µg/L	1	4/9/2010 5:59:18 PM
Hexachlorobutadiene	ND	1.0		µg/L	1	4/9/2010 5:59:18 PM
2-Hexanone	ND	10		µg/L	1	4/9/2010 5:59:18 PM
Isopropylbenzene	27	1.0		µg/L	1	4/9/2010 5:59:18 PM
4-Isopropyltoluene	3.3	1.0		µg/L	1	4/9/2010 5:59:18 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	4/9/2010 5:59:18 PM
Methylene Chloride	ND	3.0		µg/L	1	4/9/2010 5:59:18 PM
n-Butylbenzene	8.1	1.0		µg/L	1	4/9/2010 5:59:18 PM
n-Propylbenzene	130	10		µg/L	10	4/12/2010 2:26:27 PM
sec-Butylbenzene	7.8	1.0		µg/L	1	4/9/2010 5:59:18 PM
Styrene	ND	1.0		µg/L	1	4/9/2010 5:59:18 PM
tert-Butylbenzene	ND	1.0		µg/L	1	4/9/2010 5:59:18 PM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	4/9/2010 5:59:18 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	4/9/2010 5:59:18 PM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	4/9/2010 5:59:18 PM
trans-1,2-DCE	ND	1.0		µg/L	1	4/9/2010 5:59:18 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	4/9/2010 5:59:18 PM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	4/9/2010 5:59:18 PM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	4/9/2010 5:59:18 PM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	4/9/2010 5:59:18 PM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	4/9/2010 5:59:18 PM
Trichloroethene (TCE)	ND	1.0		µg/L	1	4/9/2010 5:59:18 PM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Estimated value
- J Analyte detected below quantitation limits
- NC Non-Chlorinated
- PQL Practical Quantitation Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Date: *19-Apr-10*

CLIENT:	Souder, Miller and Associates	**Client Sample ID:**	MW12
Lab Order:	1004140	**Collection Date:**	4/6/2010 12:38:00 PM
Project:	Conoco Mini Mart	**Date Received:**	4/8/2010
Lab ID:	1004140-05	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **DAM**
Trichlorofluoromethane	ND	1.0		µg/L	1	4/9/2010 5:59:18 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	4/9/2010 5:59:18 PM
Vinyl chloride	ND	1.0		µg/L	1	4/9/2010 5:59:18 PM
Xylenes, Total	1100	15		µg/L	10	4/12/2010 2:26:27 PM
Surr: 1,2-Dichloroethane-d4	94.7	54.6-141		%REC	1	4/9/2010 5:59:18 PM
Surr: 4-Bromofluorobenzene	110	60.1-133		%REC	1	4/9/2010 5:59:18 PM
Surr: Dibromofluoromethane	127	78.5-130		%REC	1	4/9/2010 5:59:18 PM
Surr: Toluene-d8	97.3	79.5-126		%REC	1	4/9/2010 5:59:18 PM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Estimated value
- J Analyte detected below quantitation limits
- NC Non-Chlorinated
- PQL Practical Quantitation Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Date: *19-Apr-10*

CLIENT:	Souder, Miller and Associates	**Client Sample ID:**	MW8
Lab Order:	1004140	**Collection Date:**	4/6/2010 12:58:00 PM
Project:	Conoco Mini Mart	**Date Received:**	4/8/2010
Lab ID:	1004140-06	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8310: PAHS						Analyst: **SCC**
Naphthalene	6.4	2.0		µg/L	1	4/16/2010 5:09:10 PM
1-Methylnaphthalene	5.9	2.0		µg/L	1	4/16/2010 5:09:10 PM
2-Methylnaphthalene	ND	2.0		µg/L	1	4/16/2010 5:09:10 PM
Acenaphthylene	ND	2.5		µg/L	1	4/16/2010 5:09:10 PM
Acenaphthene	ND	5.0		µg/L	1	4/16/2010 5:09:10 PM
Fluorene	ND	0.80		µg/L	1	4/16/2010 5:09:10 PM
Phenanthrene	ND	0.60		µg/L	1	4/16/2010 5:09:10 PM
Anthracene	ND	0.60		µg/L	1	4/16/2010 5:09:10 PM
Fluoranthene	ND	0.30		µg/L	1	4/16/2010 5:09:10 PM
Pyrene	ND	0.30		µg/L	1	4/16/2010 5:09:10 PM
Benz(a)anthracene	ND	0.070		µg/L	1	4/16/2010 5:09:10 PM
Chrysene	ND	0.20		µg/L	1	4/16/2010 5:09:10 PM
Benzo(b)fluoranthene	ND	0.10		µg/L	1	4/16/2010 5:09:10 PM
Benzo(k)fluoranthene	ND	0.070		µg/L	1	4/16/2010 5:09:10 PM
Benzo(a)pyrene	ND	0.070		µg/L	1	4/16/2010 5:09:10 PM
Dibenz(a,h)anthracene	ND	0.070		µg/L	1	4/16/2010 5:09:10 PM
Benzo(g,h,i)perylene	ND	0.080		µg/L	1	4/16/2010 5:09:10 PM
Indeno(1,2,3-cd)pyrene	ND	0.080		µg/L	1	4/16/2010 5:09:10 PM
Surr: Benzo(e)pyrene	80.3	28.3-111		%REC	1	4/16/2010 5:09:10 PM
EPA METHOD 8260B: VOLATILES						Analyst: **DAM**
Benzene	7.9	1.0		µg/L	1	4/9/2010 6:27:20 PM
Toluene	1.6	1.0		µg/L	1	4/9/2010 6:27:20 PM
Ethylbenzene	180	10		µg/L	10	4/12/2010 2:54:40 PM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	4/9/2010 6:27:20 PM
1,2,4-Trimethylbenzene	190	10		µg/L	10	4/12/2010 2:54:40 PM
1,3,5-Trimethylbenzene	18	1.0		µg/L	1	4/9/2010 6:27:20 PM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	4/9/2010 6:27:20 PM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	4/9/2010 6:27:20 PM
Naphthalene	15	2.0		µg/L	1	4/9/2010 6:27:20 PM
1-Methylnaphthalene	6.5	4.0		µg/L	1	4/9/2010 6:27:20 PM
2-Methylnaphthalene	ND	4.0		µg/L	1	4/9/2010 6:27:20 PM
Acetone	ND	10		µg/L	1	4/9/2010 6:27:20 PM
Bromobenzene	ND	1.0		µg/L	1	4/9/2010 6:27:20 PM
Bromodichloromethane	ND	1.0		µg/L	1	4/9/2010 6:27:20 PM
Bromoform	ND	1.0		µg/L	1	4/9/2010 6:27:20 PM
Bromomethane	ND	1.0		µg/L	1	4/9/2010 6:27:20 PM
2-Butanone	ND	10		µg/L	1	4/9/2010 6:27:20 PM
Carbon disulfide	ND	10		µg/L	1	4/9/2010 6:27:20 PM
Carbon Tetrachloride	ND	1.0		µg/L	1	4/9/2010 6:27:20 PM
Chlorobenzene	ND	1.0		µg/L	1	4/9/2010 6:27:20 PM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Estimated value
- J Analyte detected below quantitation limits
- NC Non-Chlorinated
- PQL Practical Quantitation Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Date: *19-Apr-10*

CLIENT:	Souder, Miller and Associates	**Client Sample ID:**	MW8
Lab Order:	1004140	**Collection Date:**	4/6/2010 12:58:00 PM
Project:	Conoco Mini Mart	**Date Received:**	4/8/2010
Lab ID:	1004140-06	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **DAM**
Chloroethane	ND	2.0		µg/L	1	4/9/2010 6:27:20 PM
Chloroform	ND	1.0		µg/L	1	4/9/2010 6:27:20 PM
Chloromethane	ND	1.0		µg/L	1	4/9/2010 6:27:20 PM
2-Chlorotoluene	ND	1.0		µg/L	1	4/9/2010 6:27:20 PM
4-Chlorotoluene	ND	1.0		µg/L	1	4/9/2010 6:27:20 PM
cis-1,2-DCE	ND	1.0		µg/L	1	4/9/2010 6:27:20 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	4/9/2010 6:27:20 PM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	4/9/2010 6:27:20 PM
Dibromochloromethane	ND	1.0		µg/L	1	4/9/2010 6:27:20 PM
Dibromomethane	ND	1.0		µg/L	1	4/9/2010 6:27:20 PM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	4/9/2010 6:27:20 PM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	4/9/2010 6:27:20 PM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	4/9/2010 6:27:20 PM
Dichlorodifluoromethane	ND	1.0		µg/L	1	4/9/2010 6:27:20 PM
1,1-Dichloroethane	ND	1.0		µg/L	1	4/9/2010 6:27:20 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	4/9/2010 6:27:20 PM
1,2-Dichloropropane	ND	1.0		µg/L	1	4/9/2010 6:27:20 PM
1,3-Dichloropropane	ND	1.0		µg/L	1	4/9/2010 6:27:20 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	4/9/2010 6:27:20 PM
1,1-Dichloropropene	ND	1.0		µg/L	1	4/9/2010 6:27:20 PM
Hexachlorobutadiene	ND	1.0		µg/L	1	4/9/2010 6:27:20 PM
2-Hexanone	ND	10		µg/L	1	4/9/2010 6:27:20 PM
Isopropylbenzene	24	1.0		µg/L	1	4/9/2010 6:27:20 PM
4-Isopropyltoluene	1.1	1.0		µg/L	1	4/9/2010 6:27:20 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	4/9/2010 6:27:20 PM
Methylene Chloride	ND	3.0		µg/L	1	4/9/2010 6:27:20 PM
n-Butylbenzene	ND	1.0		µg/L	1	4/9/2010 6:27:20 PM
n-Propylbenzene	67	1.0		µg/L	1	4/9/2010 6:27:20 PM
sec-Butylbenzene	7.3	1.0		µg/L	1	4/9/2010 6:27:20 PM
Styrene	ND	1.0		µg/L	1	4/9/2010 6:27:20 PM
tert-Butylbenzene	ND	1.0		µg/L	1	4/9/2010 6:27:20 PM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	4/9/2010 6:27:20 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	4/9/2010 6:27:20 PM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	4/9/2010 6:27:20 PM
trans-1,2-DCE	ND	1.0		µg/L	1	4/9/2010 6:27:20 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	4/9/2010 6:27:20 PM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	4/9/2010 6:27:20 PM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	4/9/2010 6:27:20 PM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	4/9/2010 6:27:20 PM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	4/9/2010 6:27:20 PM
Trichloroethene (TCE)	ND	1.0		µg/L	1	4/9/2010 6:27:20 PM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Estimated value
- J Analyte detected below quantitation limits
- NC Non-Chlorinated
- PQL Practical Quantitation Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Date: *19-Apr-10*

CLIENT:	Souder, Miller and Associates	**Client Sample ID:**	MW8
Lab Order:	1004140	**Collection Date:**	4/6/2010 12:58:00 PM
Project:	Conoco Mini Mart	**Date Received:**	4/8/2010
Lab ID:	1004140-06	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
						Analyst: **DAM**
EPA METHOD 8260B: VOLATILES						
Trichlorofluoromethane	ND	1.0		µg/L	1	4/9/2010 6:27:20 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	4/9/2010 6:27:20 PM
Vinyl chloride	ND	1.0		µg/L	1	4/9/2010 6:27:20 PM
Xylenes, Total	180	15		µg/L	10	4/12/2010 2:54:40 PM
Surr: 1,2-Dichloroethane-d4	97.6	54.6-141		%REC	1	4/9/2010 6:27:20 PM
Surr: 4-Bromofluorobenzene	108	60.1-133		%REC	1	4/9/2010 6:27:20 PM
Surr: Dibromofluoromethane	129	78.5-130		%REC	1	4/9/2010 6:27:20 PM
Surr: Toluene-d8	99.5	79.5-126		%REC	1	4/9/2010 6:27:20 PM

Qualifiers:

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- NC Non-Chlorinated
- PQL Practical Quantitation Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Souder, Miller and Associates
Project: Conoco Mini Mart

Work Order: 1004140

Analyte	Result	Units	PQL	SPK Va	SPK ref	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8260B: VOLATILES											
Sample ID: 1004140-02a msd		*MSD*				Batch ID: **R38147**		Analysis Date:		4/9/2010 7:23:37 PM	
Benzene	19.95	µg/L	1.0	20	1.124	94.1	75.7	118	0.565	15	
Toluene	19.80	µg/L	1.0	20	0	99.0	80.1	114	7.36	15	
Chlorobenzene	18.59	µg/L	1.0	20	0	92.9	81.5	112	2.25	15	
1,1-Dichloroethene	20.27	µg/L	1.0	20	0	101	77.4	132	0.0345	17.8	
Trichloroethene (TCE)	19.69	µg/L	1.0	20	0	98.4	61.1	121	5.44	19.8	
Sample ID: 5ml rb		*MBLK*				Batch ID: **R38147**		Analysis Date:		4/9/2010 9:59:31 AM	
Benzene	ND	µg/L	1.0								
Toluene	ND	µg/L	1.0								
Ethylbenzene	ND	µg/L	1.0								
Methyl tert-butyl ether (MTBE)	ND	µg/L	1.0								
1,2,4-Trimethylbenzene	ND	µg/L	1.0								
1,3,5-Trimethylbenzene	ND	µg/L	1.0								
1,2-Dichloroethane (EDC)	ND	µg/L	1.0								
1,2-Dibromoethane (EDB)	ND	µg/L	1.0								
Naphthalene	ND	µg/L	2.0								
1-Methylnaphthalene	ND	µg/L	4.0								
2-Methylnaphthalene	ND	µg/L	4.0								
Acetone	ND	µg/L	10								
Bromobenzene	ND	µg/L	1.0								
Bromodichloromethane	ND	µg/L	1.0								
Bromoform	ND	µg/L	1.0								
Bromomethane	ND	µg/L	1.0								
2-Butanone	ND	µg/L	10								
Carbon disulfide	ND	µg/L	10								
Carbon Tetrachloride	ND	µg/L	1.0								
Chlorobenzene	ND	µg/L	1.0								
Chloroethane	ND	µg/L	2.0								
Chloroform	ND	µg/L	1.0								
Chloromethane	ND	µg/L	1.0								
2-Chlorotoluene	ND	µg/L	1.0								
4-Chlorotoluene	ND	µg/L	1.0								
cis-1,2-DCE	ND	µg/L	1.0								
cis-1,3-Dichloropropene	ND	µg/L	1.0								
1,2-Dibromo-3-chloropropane	ND	µg/L	2.0								
Dibromochloromethane	ND	µg/L	1.0								
Dibromomethane	ND	µg/L	1.0								
1,2-Dichlorobenzene	ND	µg/L	1.0								
1,3-Dichlorobenzene	ND	µg/L	1.0								
1,4-Dichlorobenzene	ND	µg/L	1.0								
Dichlorodifluoromethane	ND	µg/L	1.0								
1,1-Dichloroethane	ND	µg/L	1.0								
1,1-Dichloroethene	ND	µg/L	1.0								
1,2-Dichloropropane	ND	µg/L	1.0								
1,3-Dichloropropane	ND	µg/L	1.0								

Qualifiers:

- E Estimated value
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- H Holding times for preparation or analysis exceeded
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QA/QC SUMMARY REPORT

Client: Souder, Miller and Associates
Project: Conoco Mini Mart **Work Order:** 1004140

Analyte	Result	Units	PQL	SPK Va	SPK ref	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8260B: VOLATILES											
Sample ID: 5ml rb		*MBLK*				Batch ID: **R38147**		Analysis Date:	4/9/2010 9:59:31 AM		
2,2-Dichloropropane	ND	µg/L	2.0								
1,1-Dichloropropene	ND	µg/L	1.0								
Hexachlorobutadiene	ND	µg/L	1.0								
2-Hexanone	ND	µg/L	10								
Isopropylbenzene	ND	µg/L	1.0								
4-Isopropyltoluene	ND	µg/L	1.0								
4-Methyl-2-pentanone	ND	µg/L	10								
Methylene Chloride	ND	µg/L	3.0								
n-Butylbenzene	ND	µg/L	1.0								
n-Propylbenzene	ND	µg/L	1.0								
sec-Butylbenzene	ND	µg/L	1.0								
Styrene	ND	µg/L	1.0								
tert-Butylbenzene	ND	µg/L	1.0								
1,1,1,2-Tetrachloroethane	ND	µg/L	1.0								
1,1,2,2-Tetrachloroethane	ND	µg/L	2.0								
Tetrachloroethene (PCE)	ND	µg/L	1.0								
trans-1,2-DCE	ND	µg/L	1.0								
trans-1,3-Dichloropropene	ND	µg/L	1.0								
1,2,3-Trichlorobenzene	ND	µg/L	1.0								
1,2,4-Trichlorobenzene	ND	µg/L	1.0								
1,1,1-Trichloroethane	ND	µg/L	1.0								
1,1,2-Trichloroethane	ND	µg/L	1.0								
Trichloroethene (TCE)	ND	µg/L	1.0								
Trichlorofluoromethane	ND	µg/L	1.0								
1,2,3-Trichloropropane	ND	µg/L	2.0								
Vinyl chloride	ND	µg/L	1.0								
Xylenes, Total	ND	µg/L	1.5								
Sample ID: b1		*MBLK*				Batch ID: **R38161**		Analysis Date:	4/12/2010 8:42:54 AM		
Benzene	ND	µg/L	1.0								
Toluene	ND	µg/L	1.0								
Ethylbenzene	ND	µg/L	1.0								
Methyl tert-butyl ether (MTBE)	ND	µg/L	1.0								
1,2,4-Trimethylbenzene	ND	µg/L	1.0								
1,3,5-Trimethylbenzene	ND	µg/L	1.0								
1,2-Dichloroethane (EDC)	ND	µg/L	1.0								
1,2-Dibromoethane (EDB)	ND	µg/L	1.0								
Naphthalene	ND	µg/L	2.0								
1-Methylnaphthalene	ND	µg/L	4.0								
2-Methylnaphthalene	ND	µg/L	4.0								
Acetone	ND	µg/L	10								
Bromobenzene	ND	µg/L	1.0								
Bromodichloromethane	ND	µg/L	1.0								
Bromoform	ND	µg/L	1.0								
Bromomethane	ND	µg/L	1.0								

Qualifiers:

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QA/QC SUMMARY REPORT

Client: Souder, Miller and Associates
Project: Conoco Mini Mart

Work Order: 1004140

Analyte	Result	Units	PQL	SPK Va	SPK ref	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Method: EPA Method 8260B: VOLATILES

Sample ID: b1 *MBLK*

Batch ID: **R38161** Analysis Date: 4/12/2010 8:42:54 AM

2-Butanone	ND	µg/L	10
Carbon disulfide	ND	µg/L	10
Carbon Tetrachloride	ND	µg/L	1.0
Chlorobenzene	ND	µg/L	1.0
Chloroethane	ND	µg/L	2.0
Chloroform	ND	µg/L	1.0
Chloromethane	ND	µg/L	1.0
2-Chlorotoluene	ND	µg/L	1.0
4-Chlorotoluene	ND	µg/L	1.0
cis-1,2-DCE	ND	µg/L	1.0
cis-1,3-Dichloropropene	ND	µg/L	1.0
1,2-Dibromo-3-chloropropane	ND	µg/L	2.0
Dibromochloromethane	ND	µg/L	1.0
Dibromomethane	ND	µg/L	1.0
1,2-Dichlorobenzene	ND	µg/L	1.0
1,3-Dichlorobenzene	ND	µg/L	1.0
1,4-Dichlorobenzene	ND	µg/L	1.0
Dichlorodifluoromethane	ND	µg/L	1.0
1,1-Dichloroethane	ND	µg/L	1.0
1,1-Dichloroethene	ND	µg/L	1.0
1,2-Dichloropropane	ND	µg/L	1.0
1,3-Dichloropropane	ND	µg/L	1.0
2,2-Dichloropropane	ND	µg/L	2.0
1,1-Dichloropropene	ND	µg/L	1.0
Hexachlorobutadiene	ND	µg/L	1.0
2-Hexanone	ND	µg/L	10
Isopropylbenzene	ND	µg/L	1.0
4-Isopropyltoluene	ND	µg/L	1.0
4-Methyl-2-pentanone	ND	µg/L	10
Methylene Chloride	ND	µg/L	3.0
n-Butylbenzene	ND	µg/L	1.0
n-Propylbenzene	ND	µg/L	1.0
sec-Butylbenzene	ND	µg/L	1.0
Styrene	ND	µg/L	1.0
tert-Butylbenzene	ND	µg/L	1.0
1,1,1,2-Tetrachloroethane	ND	µg/L	1.0
1,1,2,2-Tetrachloroethane	ND	µg/L	2.0
Tetrachloroethene (PCE)	ND	µg/L	1.0
trans-1,2-DCE	ND	µg/L	1.0
trans-1,3-Dichloropropene	ND	µg/L	1.0
1,2,3-Trichlorobenzene	ND	µg/L	1.0
1,2,4-Trichlorobenzene	ND	µg/L	1.0
1,1,1-Trichloroethane	ND	µg/L	1.0
1,1,2-Trichloroethane	ND	µg/L	1.0

Qualifiers:

E	Estimated value
J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit
H	Holding times for preparation or analysis exceeded
NC	Non-Chlorinated
R	RPD outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Souder, Miller and Associates
Project: Conoco Mini Mart **Work Order:** 1004140

Analyte	Result	Units	PQL	SPK Va	SPK ref	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8260B: VOLATILES											
Sample ID: b1		*MBLK*				Batch ID:	**R38161**	Analysis Date:	4/12/2010 8:42:54 AM		
Trichloroethene (TCE)	ND	µg/L	1.0								
Trichlorofluoromethane	ND	µg/L	1.0								
1,2,3-Trichloropropane	ND	µg/L	2.0								
Vinyl chloride	ND	µg/L	1.0								
Xylenes, Total	ND	µg/L	1.5								
Sample ID: 100ng lcs		*LCS*				Batch ID:	**R38147**	Analysis Date:	4/9/2010 10:56:13 AM		
Benzene	20.07	µg/L	1.0	20	0	100	82.4	116			
Toluene	21.34	µg/L	1.0	20	0	107	89.5	123			
Chlorobenzene	19.97	µg/L	1.0	20	0	99.9	87.8	120			
1,1-Dichloroethene	22.40	µg/L	1.0	20	0	112	90.3	138			
Trichloroethene (TCE)	21.27	µg/L	1.0	20	0	106	64	129			
Sample ID: 100ng lcs		*LCS*				Batch ID:	**R38161**	Analysis Date:	4/12/2010 11:09:19 AM		
Benzene	19.10	µg/L	1.0	20	0	95.5	82.4	116			
Toluene	20.21	µg/L	1.0	20	0	101	89.5	123			
Chlorobenzene	18.99	µg/L	1.0	20	0	94.9	87.8	120			
1,1-Dichloroethene	20.22	µg/L	1.0	20	0	101	90.3	138			
Trichloroethene (TCE)	20.11	µg/L	1.0	20	0	101	64	129			
Sample ID: 1004140-02a ms		*MS*				Batch ID:	**R38147**	Analysis Date:	4/9/2010 6:55:29 PM		
Benzene	20.06	µg/L	1.0	20	1.124	94.7	75.7	118			
Toluene	21.31	µg/L	1.0	20	0	107	80.1	114			
Chlorobenzene	19.01	µg/L	1.0	20	0	95.1	81.5	112			
1,1-Dichloroethene	20.28	µg/L	1.0	20	0	101	77.4	132			
Trichloroethene (TCE)	20.79	µg/L	1.0	20	0	104	61.1	121			

Qualifiers:

- E Estimated value
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- H Holding times for preparation or analysis exceeded
- NC Non-Chlorinated
- R RPD outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Souder, Miller and Associates
Project: Conoco Mini Mart **Work Order:** 1004140

Analyte	Result	Units	PQL	SPK Va	SPK ref	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8310: PAHs											
Sample ID: MB-21893		*MBLK*				Batch ID: **21893**		Analysis Date: 4/16/2010 11:58:04 AM			
Naphthalene	ND	µg/L	2.0								
1-Methylnaphthalene	ND	µg/L	2.0								
2-Methylnaphthalene	ND	µg/L	2.0								
Acenaphthylene	ND	µg/L	2.5								
Acenaphthene	ND	µg/L	5.0								
Fluorene	ND	µg/L	0.80								
Phenanthrene	ND	µg/L	0.60								
Anthracene	ND	µg/L	0.60								
Fluoranthene	ND	µg/L	0.30								
Pyrene	ND	µg/L	0.30								
Benz(a)anthracene	ND	µg/L	0.070								
Chrysene	ND	µg/L	0.20								
Benzo(b)fluoranthene	ND	µg/L	0.10								
Benzo(k)fluoranthene	ND	µg/L	0.070								
Benzo(a)pyrene	ND	µg/L	0.070								
Dibenz(a,h)anthracene	ND	µg/L	0.070								
Benzo(g,h,i)perylene	ND	µg/L	0.080								
Indeno(1,2,3-cd)pyrene	ND	µg/L	0.080								
Sample ID: LCS-21893		*LCS*				Batch ID: **21893**		Analysis Date: 4/16/2010 12:19:21 PM			
Naphthalene	52.41	µg/L	2.0	80	0	65.5	20.5	109			
1-Methylnaphthalene	51.27	µg/L	2.0	80.2	0	63.9	23.1	116			
2-Methylnaphthalene	53.01	µg/L	2.0	80	0	66.3	19.5	112			
Acenaphthylene	53.96	µg/L	2.5	80.2	0	67.3	27.5	119			
Acenaphthene	55.62	µg/L	5.0	80	0	69.5	31	117			
Fluorene	6.420	µg/L	0.80	8.02	0	80.0	17.1	109			
Phenanthrene	2.580	µg/L	0.60	4.02	0	64.2	25.5	112			
Anthracene	2.700	µg/L	0.60	4.02	0	67.2	25.8	119			
Fluoranthene	4.420	µg/L	0.30	8.02	0	55.1	27.2	122			
Pyrene	5.130	µg/L	0.30	8.02	0	64.0	24.1	118			
Benz(a)anthracene	0.4300	µg/L	0.070	0.802	0	53.6	31.1	125			
Chrysene	2.400	µg/L	0.20	4.02	0	59.7	32.8	119			
Benzo(b)fluoranthene	0.7500	µg/L	0.10	1.002	0	74.9	24.4	117			
Benzo(k)fluoranthene	0.3200	µg/L	0.070	0.5	0	64.0	28.4	132			
Benzo(a)pyrene	0.3000	µg/L	0.070	0.502	0	59.8	32.4	119			
Dibenz(a,h)anthracene	0.7100	µg/L	0.070	1.002	0	70.9	33.9	120			
Benzo(g,h,i)perylene	0.7000	µg/L	0.080	1	0.07	63.0	35.2	113			
Indeno(1,2,3-cd)pyrene	1.620	µg/L	0.080	2.004	0	80.8	33.6	115			
Sample ID: LCSD-21893		*LCSD*				Batch ID: **21893**		Analysis Date: 4/16/2010 12:40:38 PM			
Naphthalene	51.38	µg/L	2.0	80	0	64.2	20.5	109	1.98	32.1	
1-Methylnaphthalene	51.49	µg/L	2.0	80.2	0	64.2	23.1	116	0.428	32.7	
2-Methylnaphthalene	53.22	µg/L	2.0	80	0	66.5	19.5	112	0.395	34	
Acenaphthylene	56.75	µg/L	2.5	80.2	0	70.8	27.5	119	5.04	38.8	
Acenaphthene	58.92	µg/L	5.0	80	0	73.7	31	117	5.76	38.6	
Fluorene	6.580	µg/L	0.80	8.02	0	82.0	17.1	109	2.46	29.3	

Qualifiers:

- E Estimated value
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- H Holding times for preparation or analysis exceeded
- NC Non-Chlorinated
- R RPD outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Souder, Miller and Associates
Project: Conoco Mini Mart **Work Order:** 1004140

Analyte	Result	Units	PQL	SPK Va	SPK ref	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8310: PAHs											
Sample ID: LCSD-21893		*LCSD*				Batch ID:	**21893**	Analysis Date:		4/16/2010 12:40:38 PM	
Phenanthrene	2.840	µg/L	0.60	4.02	0	70.6	25.5	112	9.59	25	
Anthracene	2.980	µg/L	0.60	4.02	0	74.1	25.8	119	9.86	23.9	
Fluoranthene	4.960	µg/L	0.30	8.02	0	61.8	27.2	122	11.5	15.7	
Pyrene	5.670	µg/L	0.30	8.02	0	70.7	24.1	118	10.0	15.3	
Benz(a)anthracene	0.4600	µg/L	0.070	0.802	0	57.4	31.1	125	6.74	19	
Chrysene	2.620	µg/L	0.20	4.02	0	65.2	32.8	119	8.76	16.6	
Benzo(b)fluoranthene	0.8400	µg/L	0.10	1.002	0	83.8	24.4	117	11.3	21.7	
Benzo(k)fluoranthene	0.3500	µg/L	0.070	0.5	0	70.0	28.4	132	8.96	19.4	
Benzo(a)pyrene	0.3200	µg/L	0.070	0.502	0	63.7	32.4	119	6.45	16.7	
Dibenz(a,h)anthracene	0.7800	µg/L	0.070	1.002	0	77.8	33.9	120	9.40	17.3	
Benzo(g,h,i)perylene	0.7900	µg/L	0.080	1	0.07	72.0	35.2	113	12.1	18	
Indeno(1,2,3-cd)pyrene	1.760	µg/L	0.080	2.004	0	87.8	33.6	115	8.28	17.7	

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	NC	Non-Chlorinated
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Sample Receipt Checklist

Client Name **SMA-FARM**

Date Received: **4/8/2010**

Work Order Number **1004140**

Received by: TLS

Sample ID labels checked by: _____ Initials

Checklist completed by: _____ 4/8/10
Signature Date

Matrix: Carrier name: Greyhound

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	
Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	Not Present ☐	Not Shipped ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	N/A ☑	
Chain of custody present?	Yes ☑	No ☐		
Chain of custody signed when relinquished and received?	Yes ☑	No ☐		
Chain of custody agrees with sample labels?	Yes ☑	No ☐		
Samples in proper container/bottle?	Yes ☑	No ☐		
Sample containers intact?	Yes ☑	No ☐		
Sufficient sample volume for indicated test?	Yes ☑	No ☐		
All samples received within holding time?	Yes ☑	No ☐		Number of preserved bottles checked for pH:
Water - VOA vials have zero headspace? No VOA vials submitted ☐		Yes ☑	No ☐	
Water - Preservation labels on bottle and cap match?	Yes ☐	No ☐	N/A ☑	_____
Water - pH acceptable upon receipt?	Yes ☐	No ☐	N/A ☑	*<2 >12 unless noted below.*
Container/Temp Blank temperature?	**1.2°**	*<6° C Acceptable* If given sufficient time to cool.		

COMMENTS:

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding: _____

Comments: _____

Corrective Action _____

Chain-of-Custody Record

Client: SMA

Mailing Address: 612 E Murray
Farmington NM 87401

Phone #: (505) 325-5667

email or Fax#:

QA/QC Package:
☒ Standard ☐ Level 4 (Full Validation)

Accreditation
☐ NELAP ☐ Other _____

☐ EDD (Type) _____

Turn-Around Time:
☒ Standard ☐ Rush _____

Project Name: Conoco Mini Mart

Project #: 3111075

Project Manager: Shawna Chubbuck

Sampler: SC/TJL

On Ice: ☒ Yes ☐ No

Sample Temperature: 1.2

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL No. 1004140
4-6-10	1104	H2O	MW9	40mL VOA, Amber	HgCl	1
4-6-10	1119	H2O	MW 11			2
4-6-10	1146	H2O	MW 7			3
4-6-10	1215	H2O	MW 6			4
4-6-10	1238	H2O	MW 12			5
4-6-10	1258	H2O	MW 8			6
~~4-6-10~~						

Analysis Request

BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH Method 8015B (Gas/Diesel)	TPH (Method 418.1)	EDB (Method 504.1)	8310 (PNA or PAH)	RCRA 8 Metals	Anions ($F, Cl, NO_3, NO_2, PO_4, SO_4$)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)					Air Bubbles (Y or N)
					X				X						
					X				X						
					X				X						
					X				X						
					X				X						
					X				X						

Remarks:

Date:	Time:	Relinquished by:	Received by:	Date	Time
4-7-10	1600	Thomas Long			
Date:	Time:	Relinquished by:	Received by:	4/8/10	940

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.