GW-002

1st Semi-ANNUAL REPORT

DATE: 2009

DCP Midstream
370 17th Street, Suite 2500
Denver, CO 80202
303-595-3331
303-605-2226 *FAX*

June 2, 2009

Mr. Leonard Lowe
Environmental Bureau Chief
New Mexico Oil Conservation Division
1220 S. St. Francis Dr.
Santa Fe, NM 87505

RE: 1st 2009 Semi Annual Groundwater Monitoring Report
Former DCP Lee Gas Plant (GW-002)
Unit N Section 30, Township 17 South, Range 35 East

Dear Mr. Lowe:

DCP Midstream, LP (DCP) is pleased to submit for your review one copy of the 1st 2009 Semi Annual Groundwater Monitoring Report for the Former DCP Lee Gas Plant located in Lea County, New Mexico (Unit N Section 30, Township 17 South, Range 35 East).

Groundwater monitoring activities were completed March 11, 2009. The data indicate that the dissolved phase hydrocarbon plume continues to attenuate to below NM WQCC groundwater standards before reaching the down-gradient boundary wells. The next groundwater monitoring event is scheduled for the second half of 2009.

If you have any questions regarding the report, please call at 303-605-1695 or e-mail me CECole@dcpmidstream.com .

Sincerely,

DCP Midstream, LP

Chandler E. Cole

Chandler E Cole.
Senior Environmental Specialist

Enclosure

cc: Larry Johnson – OCD District Office, Hobbs
Environmental Files

AEC AMERICAN ENVIRONMENTAL CONSULTING, LLC

May 26, 2009

Mr. Chandler Cole
DCP Midstream, LP
370 Seventeenth Street, Suite 2500
Denver, Colorado 80202

Subject: Summary of First 2009 Semiannual Groundwater Monitoring Event at the Former Lee Gas Plant, Lea County, New Mexico **(GW-002)**
Unit N, Section 30, Township 17 South, Range 35 East

Dear Steve:

This letter summarizes the activities completed and data generated for the first 2009 semiannual monitoring event at the DCP Midstream Former Lee Gas Plant in Lea County, New Mexico. An update of the remediation activities is also provided.

BACKGROUND

The facility is located in New Mexico Oil Conservation Division (OCD) designated Unit N, Section 30, Township 17 South, Range 35 East (Figure 1). The coordinates are 32.800 degrees north 103.495 degrees west.

The facility was formerly used for gas processing and compression. The components associated with these operations were removed or demolished in 2003. The only remaining site structures are the former office and some warehouse buildings

The current well locations are shown on Figure 2. Construction information is included in Table 1.

Wells MW-5, MW-6, MW-8 and MW-15 all contain free-phase hydrocarbons (FPH). The automatic FPH collection systems installed in wells MW-6 and MW-15 are inspected weekly. System operations are verified and the FPH removal volumes are measured. The FPH holding containers, all in secondary containment, are emptied as they approach capacity. The FPH in wells MW-5 and MW-8 is manually removed weekly using bailers. The FPH is also stored in drums for periodic collection and removal.

SUMMARY OF MONITORING ACTIVITIES

The first semiannual 2009 monitoring event was completed on March 11, 2009. The activities included measuring fluid depths in all wells and the sampling of six wells.

Free Phase Hydrocarbon Distribution and Groundwater Fluctuation And Flow

The March 2009 fluid measurement data are tabulated on Table 2. FPH recovery was not completed the week prior to sampling so the fluids could equilibrate for accurate measurement. Wells MW-6 and MW-15 cannot be gauged because of the active FPH systems. The FPH thickness in MW-5 and MW-8 is graph verses time in Figure 3. The thickness values decreased in both wells between November 2007 and March 2009. These decreases are believed to be related to the weekly FPH removal program.

Hydrographs for select wells located throughout the study area are included on Figure 4. The hydrographs indicate that the water table continues to decline at an historic rate. The water table is now at the lowest elevation measured since the start of the project.

The water-table elevations for the wells containing free product were adjusted using the following formula:

$GWE_{corr} = MGWE + (PT*PD)$: where

- MGWE is the actual measured groundwater elevation;
- PT is the measured free-phase hydrocarbon thickness; and
- PD is the free phase hydrocarbon density assumed 0.76

A water-table contour map based upon the March 2009 corrected values as generated by the program Surfer® using the kriging option is included as Figure 5. The plot indicates that groundwater flow maintained its historic primary direction toward the south-southwest.

Groundwater Sampling

Six monitoring wells were purged and sampled using the standard protocols for this site. Wells MW-11, MW-12, MW-13, MW-19 and MW-20 are down gradient boundary wells. These wells are monitored for evidence of dissolved phase hydrocarbon plume expansion. Well MW-21 is an affected well that is checked semiannually for dissolved phase hydrocarbon fluctuations.

The wells were pumped until a minimum of three casing volumes of water were removed and the field parameters temperature, pH and conductivity had stabilized. The well purging form is attached. The affected purge water was disposed of at the DPC Linam Ranch facility.

Unfiltered samples were collected following purging using dedicated bailers. All samples were placed in an ice-filled chest immediately upon collection and shipped via Federal Express to AccuTest laboratory using standard chain-of-custody protocols. The samples were analyzed for benzene, toluene, ethylbenzene and total xylenes (BTEX) using EPA Method SW846 8260.

A field duplicate was collected from MW-21 and a matrix spike, matrix spike duplicate was collected from MW-12 to evaluate quality control. Evaluation of the quality control data indicated that:

- The cooler temperature was acceptable upon login at laboratory;
- The method blanks all within control limits;
- The blank spikes all within control limits;
- All individual surrogates within their control limits;
- The BTEX values the primary sample and the field duplicate were identical; and
- The matrix spike and matrix spike data were all within their respective control limits, and the two sets of data agreed within acceptable relative percentage difference limits..

The above evaluations verify that the data are suitable for groundwater monitoring evaluation.

Dissolved Phase BTEX Distribution And Attenuation

The laboratory analyses for the sampling episode are summarized in Table 3. The New Mexico Water Quality Control Commission (NMWQCC) groundwater standards are included at the top of the table. A summary of the historical groundwater monitoring data is attached. The laboratory report is also attached.

The benzene concentrations are posted for the sampled wells in Figure 6. None of the BTEX constituents were detected in the down-gradient monitoring wells MW-11, MW-13, MW-19 and MW-20. Moreover, an additional 200 feet of land provides an additional buffer between the property boundary and these wells as shown on Figure 2.

The benzene concentrations are plotted verses time in Figure 7. The concentration measured in March 2009 was substantially lower than the September 2008 value; however, the well has exhibited seasonal concentration fluctuations since 2006.

FREE PHASE HYDROCARBON REMOVAL

Active FPH recovery continues in MW-6 and MW-15. Approximate 10 gallons per month have been recovered from MW-6 since September 2005. The production rate in MW-15 increased substantially in April 2007 and it currently averages approximately 25 gallons per month.

Manual FPH removal is completed on a weekly basis in MW-5 and MW-8. FPH removal rates have averaged approximately 7.5 and 9.5 gallons per month respectively over the past 4 months.

CONCLUSIONS

The data collected during the March 2009 monitoring event demonstrates that the dissolved phase hydrocarbons continue to attenuate to below the NMWQCC groundwater standards before reaching the down-gradient boundary wells. The FPH thickness in all four wells continues to be sufficient to warrant ongoing removal. FPH removal will continue.

The next monitoring episode is scheduled for the second half of 2009. Water samples will be collected from all wells that do not contain FPH.

Do not hesitate to contact me if you have any questions or comments on this report or any other aspects of the projects.

Sincerely,
AMERICAN ENVIRONMENTAL CONSULTING, LLC

Michael H. Stewart

Michael H. Stewart, PE
Principal Engineer

MHS/tbm

attachments

TABLES

Table 1 – Summary of Well Construction Information

Well	Top of Casing Elevation	Total Depth
MW-1	3,979.25	100.83
MW-2	3,980.50	106.72
MW-3	3,980.27	108.84
MW-4	3,980.16	103.60
MW-5**	3,979.82	112.64
MW-6*	3,981.79	113.20
MW-7	3,978.45	111.70
MW-8**	3,979.96	110.82
MW-9	3,980.17	116.95
MW-10	3,979.66	117.50
MW-11	3,978.50	117.98
MW-12	3,978.82	117.35
MW-13	3,980.52	117.28
MW-14	3,982.23	118.56
MW-15*	3,981.70	122.70
MW-16	3,980.80	122.97
MW-17	3,981.80	124.12
MW-18	3,983.10	125.50
MW-19	3,980.80	126.56
MW-20	3,983.30	128.21
MW-21	NA	123.59
MW-22	NA	148.68
MW-23	NA	NA

Note: all units in feet.
NA: Information not available
MW-23 cannot be accessed because of inoperative down-hole equipment.
* Active free phase hydrocarbon recovery systems present
** Manual free phase hydrocarbon recovery weekly using bailers

Table 2 - Summary of March 2009 Gauging Data

Well	Depth to Water	Depth to Free Phase Hydrocarbons	Groundwater Elevation
MW-3	107.47		3872.80
MW-5	107.74	105.70	3873.63
MW-7	106.46		3871.99
MW-8	110.80	106.82	3872.18
MW-9	107.89		3872.28
MW-10	107.71		3871.95
MW-11	106.88		3871.62
MW-12	107.33		3871.49
MW-13	109.15		3871.37
MW-14	110.48		3871.75
MW-16	106.52		3874.28
MW-17	108.92		3872.88
MW-18	110.30		3872.80
MW-19	110.15		3870.65
MW-20	112.79		3870.51
MW-21	108.94		NA
MW-22	108.69		NA

Notes: 1) Units are feet
2) NA: no measured casing elevation

Table 3 - Summary of March 2009 Sampling Results

	Benzene	Toluene	Ethylbenzene	Xylene (total)
NMWQCC	0.01	0.75	0.75	0.62
MW-11	<0.002	<0.002	<0.002	<0.006
MW-12	<0.002	<0.002	<0.002	<0.006
MW-13	<0.002	<0.002	<0.002	<0.006
MW-19	<0.002	<0.002	<0.002	<0.006
MW-20	<0.002	<0.002	<0.002	<0.006
MW-21	**0.216**	<0.002	0.0018J	<0.006
MW-21 DUP	**0.216**	<0.002	0.0018J	<0.006
TRIP BLANK	<0.002	<0.002	<0.002	<0.006

Notes: 1) All units mg/l
2) NMWQCC: New Mexico Water Quality Control Commission groundwater standards.
3) Bolded cells exceed the applicable NMWQCC standards
4) J: estimated value, concentration between the method detection limit and the method reporting limit

FIGURES

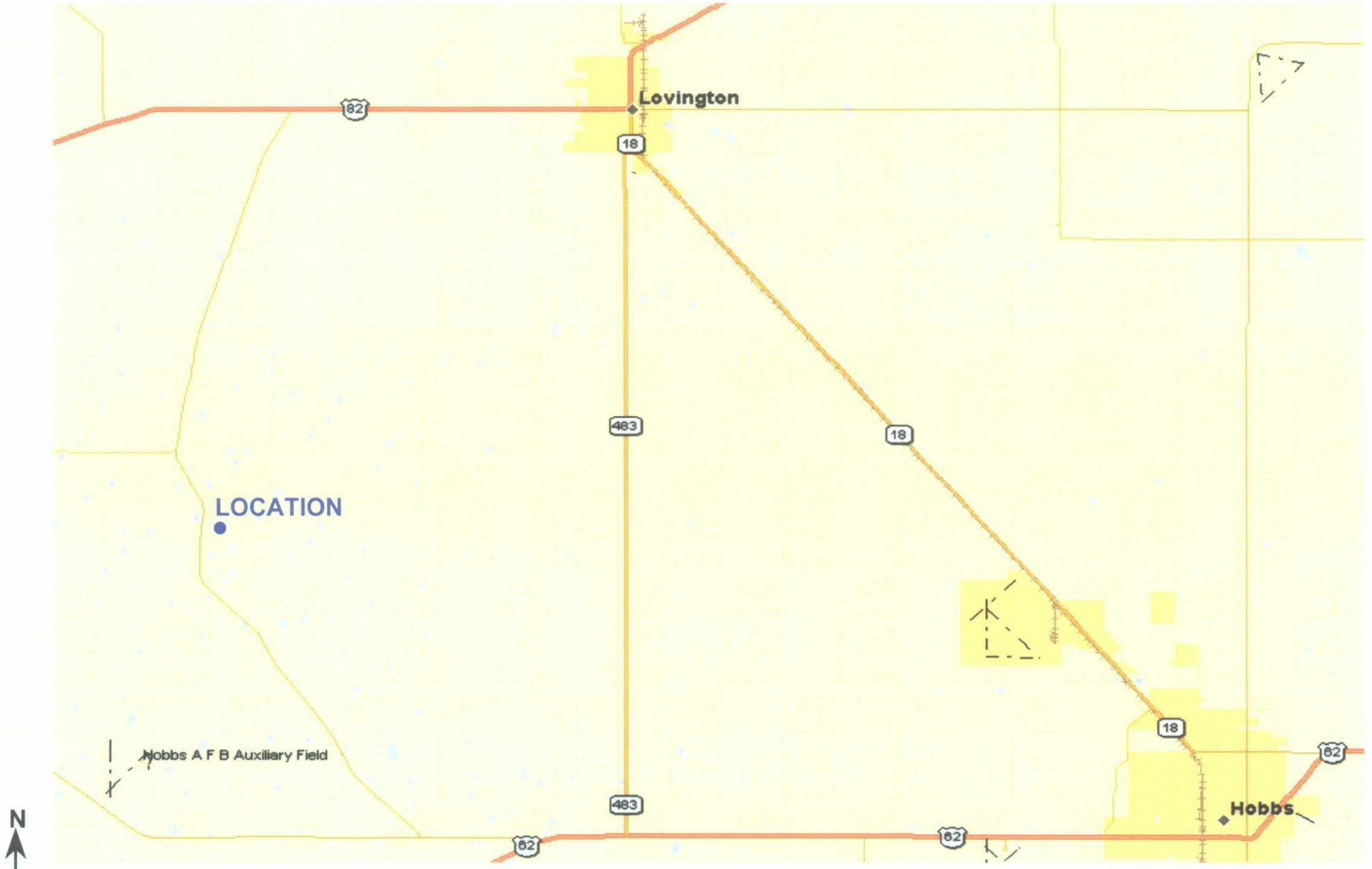


Figure 1 – Former Lee Plant Location

Former Lee Plant Monitoring and Remediation

dcp Midstream.

DRAWN BY: MHS

DATE: 1/05

Figure 2 – Groundwater Sampling Points and Source Areas

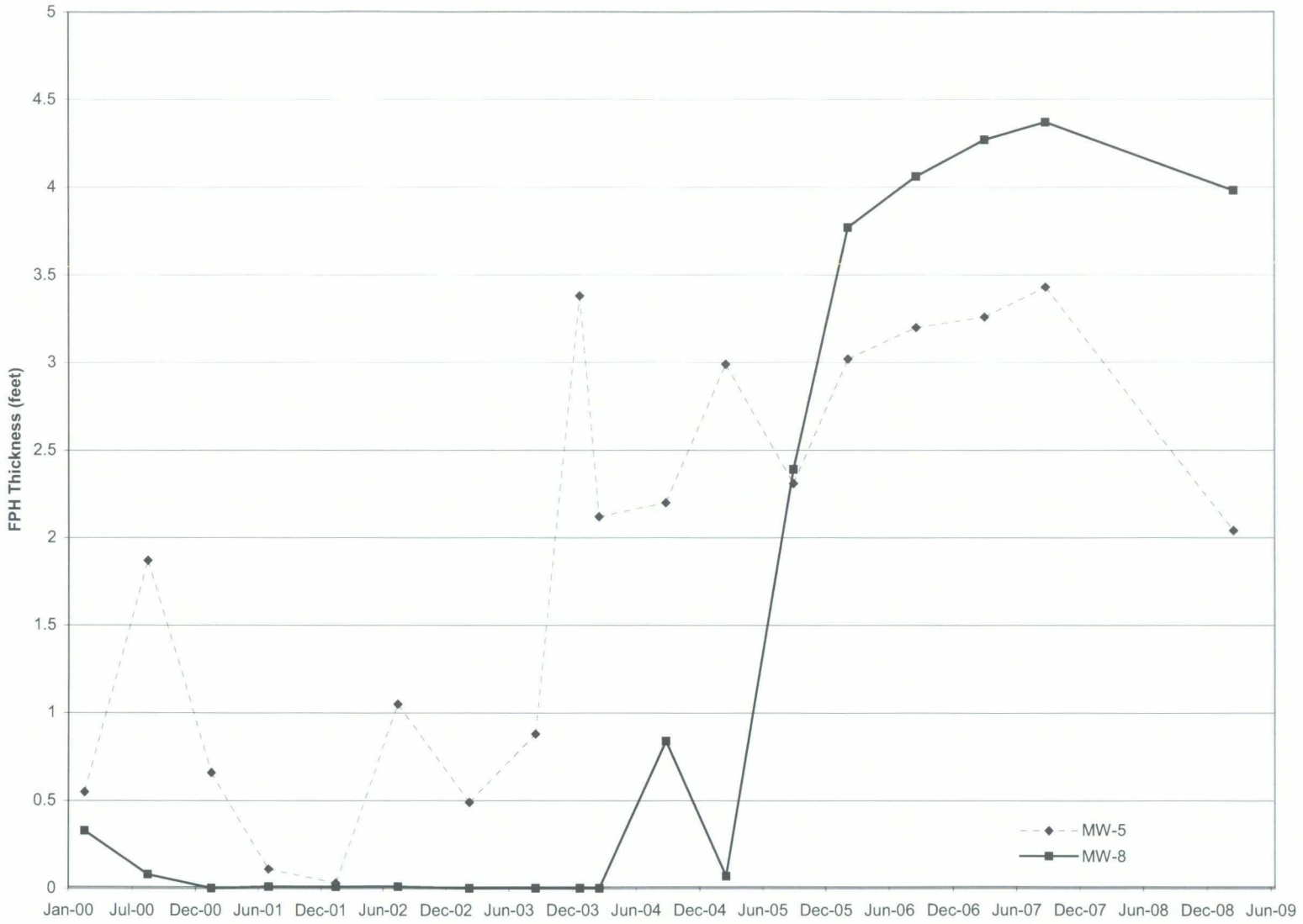
Former Lee Plant Monitoring and Remediation

dcp Midstream.

DRAWN BY: MHS

REVISED:

DATE: 4/09



MW-6 and MW-15 not shown because fluid levels cannot be measured because of product recovery pumps

Figure 3 – Free Phase Hydrcarbon Thickness Verses Time in MW-5 and MW-8

Former Lee Plant Monitoring and Remediation

dcp Midstream.

DRAWN BY: MHS

DATE: 4/09

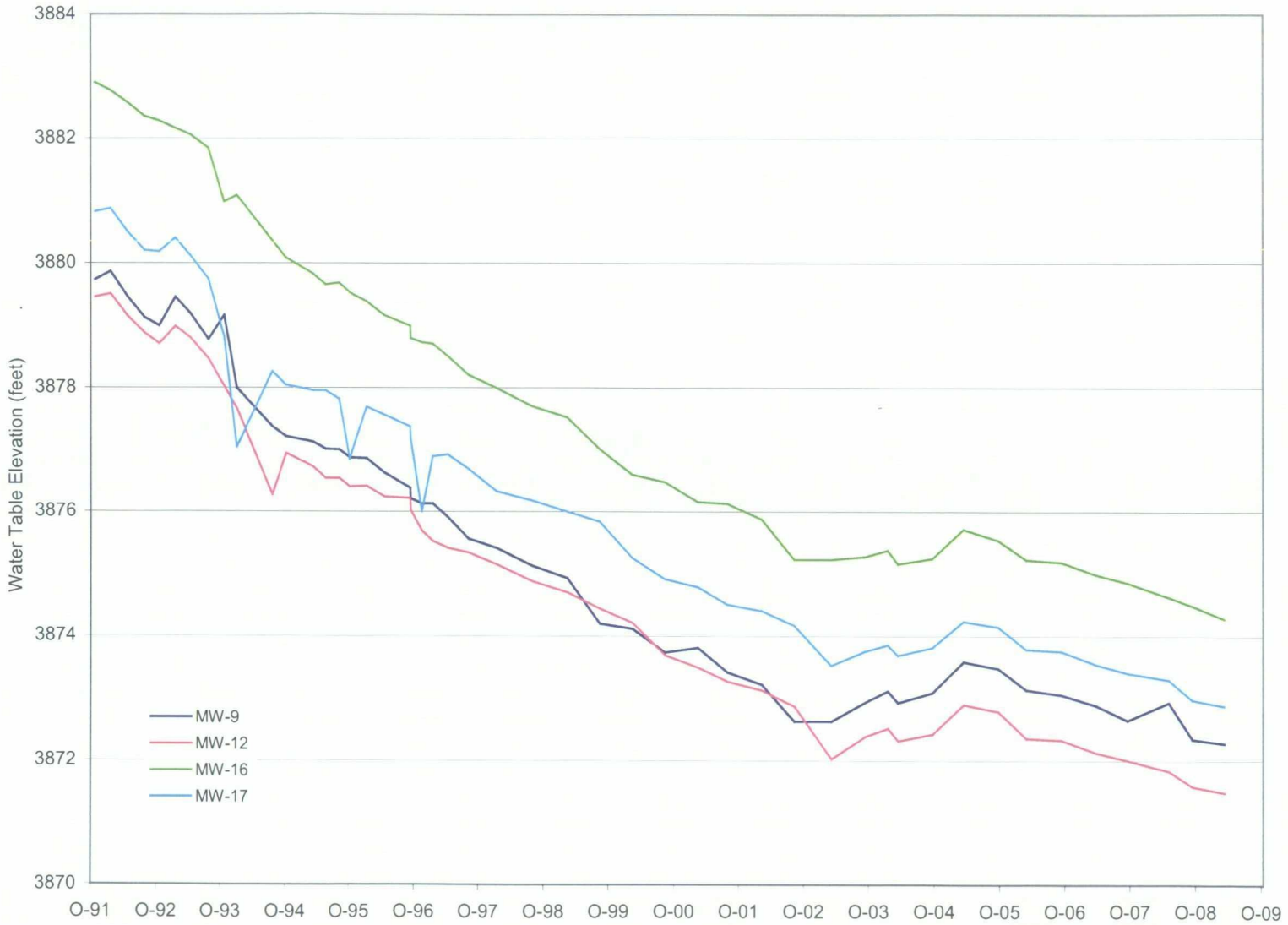


Figure 4 – Hydrographs for Select Wells

Former Lee Plant Monitoring and Remediation

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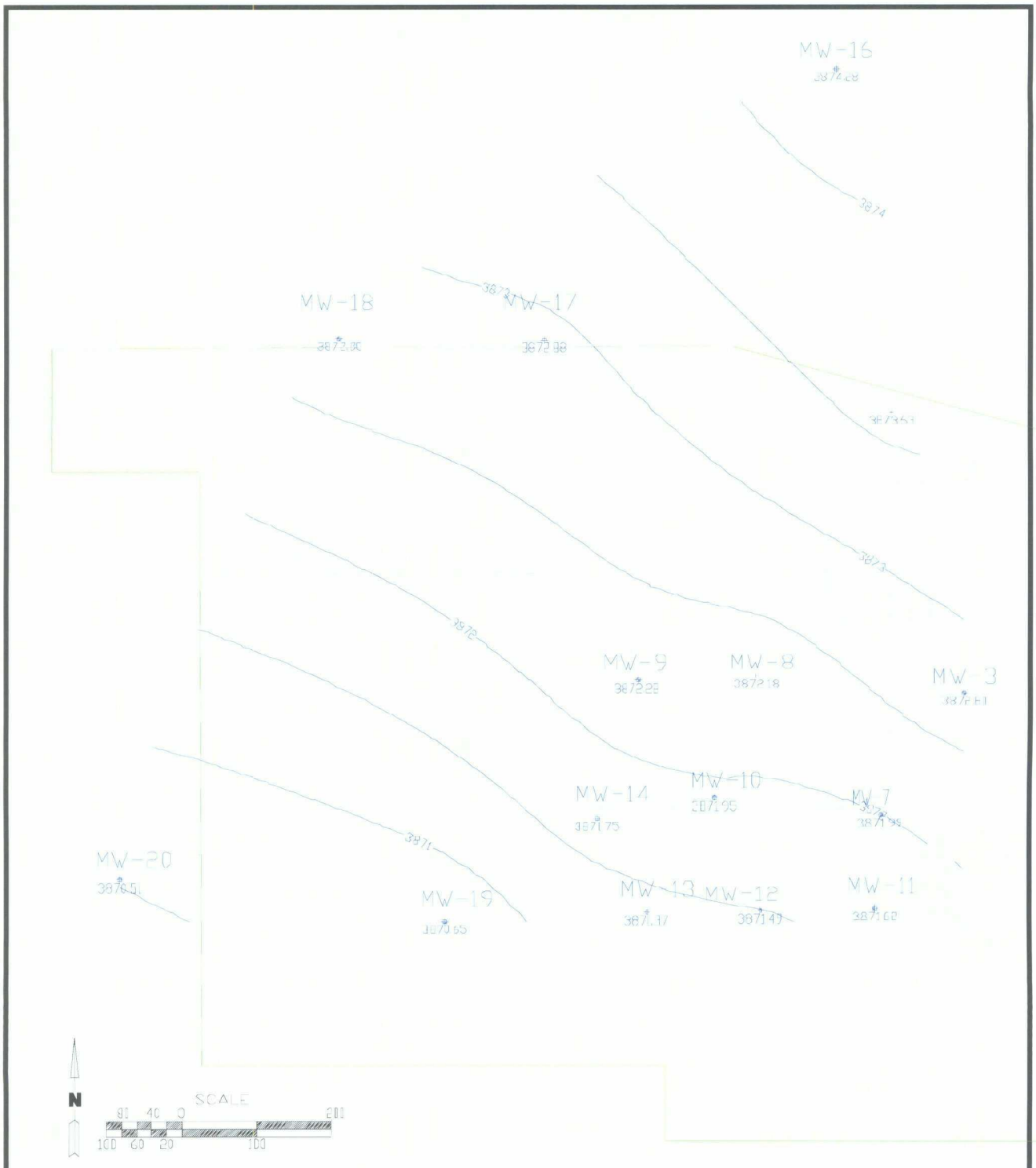
DATE: 4/09



Elevations are feet

Figure 5 – March 2009 Measured Water Table Elevations and Contours

Former Lee Plant Monitoring and Remediation

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Concentrations are mg/l
Wells with no values were not sampled

Figure 6 – March 2009 Benzene Concentrations

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Figure 7 – Dissolved Phase Benzene Concentrations in MW-21

Former Lee Plant Monitoring and Remediation

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DATE: 4/09

ATTACHMENT

Historical Groundwater Monitoring Data

Summary of Lee Plant Benzene Groundwater Concentrations

Date	MW-3	MW-7	MW-9	MW-10	MW-11	MW-12	MW-13	MW-14	MW-16	MW-17	MW-18	MW-19	MW-20	MW-21	MW-22
03/01/90	0.069														
03/28/90	<0.001	6.1													
06/27/90	0.043														
08/10/90			0.006	1.3	0.001	0.001									
02/13/91			0.007	0.98		0.120	0.016	<0.001							
06/26/91		3.2	0.16	9.7	<0.002	<0.002	0.002	<0.002							
10/17/91			0.002		0.002	0.004	0.001		0.004	0.008	<0.001	<0.001	0.080		
01/23/92			<0.001		<0.001	<0.001	<0.001						<0.001		
04/28/92			<0.001		0.002	<0.001									
07/30/92		0.001	0.31		0.031	0.018	<0.001		0.42		0.023	0.014	0.220		
10/21/92			3.0		0.078	0.064	0.084	0.043							
01/20/93			5.9		0.001	0.067	0.028	0.019					<0.001		
04/15/93			2.2		0.001	0.030	0.013	0.013					0.001		
07/20/93		0.040	0.673	0.004	0.016	0.011	0.015		1.19		0.011	0.015	0.217	37	0.170
10/26/93					<0.002	<0.002	0.029					0.011	0.018		
01/06/94					0.004	0.003	0.002				<0.001	0.003	0.004		
05/03/94					<0.001	<0.001	<0.001					<0.001	<0.001	0.517	0.007
07/26/94		0.003	0.495	4.16	0.002	0.004	0.007		3.82		0.057	0.005	<0.001	0.078	0.005
10/12/94					<0.001	<0.001	<0.001					<0.001	<0.001		
03/16/95					<0.001	<0.001	<0.001			0.062	<0.001	0.079	0.001		<0.001
06/24/95					<0.001	<0.001	<0.001					0.003	<0.001	0.042	
08/10/95		0.083	5.86	3.66	<0.001	<0.001	<0.001		3.53		<0.001	<0.001	<0.001		
10/10/95					<0.001	<0.001	<0.001					<0.001	<0.001	0.092	<0.001
01/16/96					<0.001	<0.001	<0.001			<0.001	<0.001	<0.001	<0.001		
04/25/96					<0.001	<0.001	<0.001	2.22				<0.001	<0.001	0.001	<0.001
08/27/96		1.14	0.327	2.98	<0.001	<0.001	<0.001				<0.001	<0.001	<0.001		
11/20/96					<0.001	<0.001	<0.001		0.724			<0.001	<0.001	0.010	<0.001
01/21/97					<0.001	<0.001	<0.001				<0.001	<0.001	<0.001		

All units mg/l
Blank cells, wells either not installed or not sampled
Data from 1990 to 2003 compiled from historical sources; duplicate samples after 2003 averaged
"J" (estimated) modifiers not included

Summary of Lee Plant Benzene Groundwater Concentrations (continued)

Date	MW-3	MW-7	MW-9	MW-10	MW-11	MW-12	MW-13	MW-14	MW-16	MW-17	MW-18	MW-19	MW-20	MW-21	MW-22
04/17/97					<0.001	<0.001	<0.001	3.79				<0.001	<0.001	3.51	
08/12/97	1.990	1.39	0.138	4.71	<0.001	<0.001	<0.001	3.42	0.891	0.002	<0.001	<0.001	<0.001	33	0.002
01/20/98					<0.001	<0.001	<0.001					<0.001	<0.005	11	
08/05/98	0.002	1.63	0.892	1.5	<0.001	<0.001	<0.001	0.002	1.95	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
02/15/99					<0.001	<0.001	<0.001					<0.005	<0.005	<0.001	
08/18/99	<0.001	1.5	13.6	1.01	<0.001	<0.001	<0.001	0.024	0.454	0.028	<0.005	<0.001	<0.001	<0.001	<0.005
02/16/00					0.001	0.338	<0.001					<0.005	<0.005	<0.005	
08/16/00	<0.005	0.036	2.92	3.70	<0.001	<0.005	<0.001	0.284	0.076	0.037	<0.005	<0.001	<0.005	<0.005	<0.005
02/16/01	<0.005				<0.005	<0.005	<0.005					<0.005	<0.005	<0.005	
08/01/01	<0.005	0.006	4.88	3.43	<0.001	<0.001	<0.001	1.94	0.018	0.148	<0.005	<0.001	<0.001	<0.005	<0.001
02/11/02	<0.001				<0.001	0.001	<0.001					<0.001	<0.005	<0.005	
08/13/02		0.026	1.57	7.99	<0.001	<0.001	0.003	<0.001	0.016	0.015	<0.001	<0.001	<0.005	<0.001	<0.001
03/09/03					<0.001	<0.001	<0.001					<0.001	<0.001	0.362	
09/16/03		0.008	8.67	2.42	<0.005	0.006	0.002	0.002	0.081	0.01	<0.001	<0.001	<0.001	5.58	<0.005
03/15/04	<0.001				<0.001	<0.001	<0.001					<0.001	<0.001	<0.001	
09/23/04		<0.002	2.42	0.0219	<0.002	<0.002	<0.002	<0.002	0.012	<0.002	<0.002	<0.002	<0.022	8.5	0.0067
03/14/05					<0.002	<0.002	<0.002					<0.002	<0.002	6.72	
09/26/05	<0.002	0.001J	3.43	0.0032	<0.002	<0.002	<0.002	0.0017J	0.016	0.0018J	<0.002	<0.002	<0.002	3.91	<0.002
03/02/06					<0.002	<0.002	<0.002					<0.002	<0.002	2.36	
09/20/06		0.741	10.9	0.0025	<0.002	<0.002	<0.002	0.139	0.204	<0.002	<0.002	<0.002	<0.002	0.481	0.0111
03/28/07					<0.002	<0.002	<0.002					<0.002	<0.002	13.2	
09/20/07		0.864	22.6	3.67	<0.002	<0.002	0.00092J	0.003	0.0309	0.0118	<0.002	0.001	<0.002	7.23	0.00057
03/20/08					<0.002	<0.002	<0.002					<0.002	<0.002	0.8595	
09/17/08		0.0762	9.25	15.9	<0.002	0.0169	<0.002	<0.002	0.166	0.0012 J	<0.002	<0.002	<0.002	8.42	<0.002
11/10/08						<0.002									
03/11/09					<0.002	<0.002	<0.002					<0.002	<0.002	0.216	

All units mg/l

Blank cells, wells either not installed or not sampled

Data from 1990 to 2003 compiled from historical sources; duplicate samples after 2003 averaged

"J" (estimated) modifiers not included

Summary of Lee Plant Toluene Groundwater Concentrations

Date	MW-3	MW-7	MW-9	MW-10	MW-11	MW-12	MW-13	MW-14	MW-16	MW-17	MW-18	MW-19	MW-20	MW-21	MW-22
03/01/90	0.002														
03/28/90	0.002	0.36													
06/27/90	0.006														
08/10/90			0.001	0.05	0.002	0.001									
02/13/91			0.001	0.015		0.001	0.003	<0.001							
06/26/91		1.4	0.056	0.42	<0.002	0.002	<0.002	<0.002							
10/17/91			0.003		0.002	0.003	0.001		0.002	0.002	0.001	0.001			
01/23/92			0.003		<0.001	<0.001	<0.001						<0.001		
04/28/92			0.001		<0.001	<0.001									
07/30/92		<0.001	0.004		0.007	0.004	<0.001		0.077		0.006	0.004	0.076		
10/21/92			0.28		0.13	0.13	0.15	0.099							
01/20/93			0.004		<0.001	0.001	<0.001	<0.001					<0.001		
04/15/93			0.011		<0.001	<0.001	<0.001	0.003					<0.001		
07/20/93				0.57	0.314	<0.002	0.034		0.157		0.029	0.036	0.102	5	0.065
10/26/93					<0.002	<0.002	0.03					0.012	0.014		
01/06/94					0.006	0.004	0.003				0.002	0.003	0.005		
05/03/94					<0.001	0.002	<0.001					<0.001	<0.001	0.052	0.002
07/26/94				0.002	<0.01	0.21	0.001		1.66		0.008	<0.001	<0.001	0.051	0.001
10/12/94					0.002	<0.001	<0.001					<0.001	<0.001		
03/16/95					0.002	0.003	0.003			0.02	0.002	0.028	0.006	<0.001	<0.001
06/24/95					0.001	<0.001	<0.001					0.004	<0.001		
08/10/95		0.001	<0.025	0.033	<0.001	<0.001	<0.001		0.54		<0.001	<0.001	<0.001		
10/10/95					<0.001	<0.001	<0.001					<0.001	<0.001	<0.001	<0.001
01/16/96					<0.001	<0.001	<0.001			<0.001	<0.001	<0.001	<0.001		
04/25/96						<0.001	<0.001	<0.01				<0.001	<0.001	<0.001	<0.001
08/27/96		<0.01	<0.001	0.06	<0.001	<0.001	<0.001		0.166		<0.001	<0.001	<0.001		
11/20/96					<0.001	<0.001	<0.001					<0.001	<0.001	<0.001	<0.001
01/21/97					<0.001	<0.001	<0.001				<0.001	<0.001	<0.001		

Blank cells, wells either not installed or not sampled
Data from 1990 to 2003 compiled from historical sources; duplicate samples after 2003 averaged
"J" (estimated) modifiers not included

Summary of Lee Plant Toluene Groundwater Concentrations (continued)

Date	MW-3	MW-7	MW-9	MW-10	MW-11	MW-12	MW-13	MW-14	MW-16	MW-17	MW-18	MW-19	MW-20	MW-21	MW-22
04/17/97					<0.001	<0.001	<0.001	<0.025				<0.001	<0.001	<0.025	
08/12/97		0.078	<0.025	<0.05	<0.001	<0.001	<0.001	<0.05	0.216	<0.001	<0.001	<0.001	<0.001	0.31	0.001
01/20/98					<0.001	<0.001	<0.001					<0.001	<0.005	<0.1	
08/05/98	<0.001	<0.01	<0.01	0.011	<0.001	<0.001	<0.001	<0.001	0.304	<0.001	<0.001	<0.001	<0.001	<0.001	0.006
02/15/99					<0.001	<0.001	<0.001					<0.005	<0.005	<0.001	
08/18/99	<0.001	0.016	0.25	<0.01	<0.001	<0.001	<0.001	<0.001	0.053	0.002	<0.005	<0.001	<0.001	<0.001	<0.005
02/16/00					<0.001	<0.001	<0.001					<0.005	<0.005	<0.005	
08/16/00	<0.005	0.014	<0.005	<0.005	<0.001	<0.005	<0.001	<0.001	0.003	<0.005	<0.005	<0.001	<0.005	<0.005	<0.005
02/16/01	<0.005				<0.005	<0.005	<0.005					<0.005	<0.005	<0.005	
08/01/01	<0.005	<0.005	<0.1	<0.05	<0.001	<0.001	<0.001	<0.005	<0.005	<0.005	<0.005	<0.001	<0.001	<0.005	<0.001
02/11/02	<0.001				<0.001	<0.001	<0.001					<0.001	<0.005	<0.005	
08/13/02		<0.005	<0.005	<0.05	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001
03/09/03					<0.001	<0.001	<0.001					<0.001	<0.001	<0.001	
09/16/03		<0.001	<0.1	<0.1	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005
03/15/04	<0.001				<0.001	<0.001	<0.001					<0.001	<0.001	<0.05	
09/23/04		0.0017	0.0131	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.022	0.14	<0.002
03/14/05						<0.002	<0.002	<0.002					<0.002	<0.002	<0.002
09/26/05	<0.002			<0.002	<0.002	<0.002	<0.002	<0.002		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
03/02/06						<0.002	<0.002	<0.002					<0.002	<0.002	0.00062
09/20/06				<0.002	<0.002	<0.002	<0.002	<0.002		0.0035	<0.002	<0.002	<0.002	0.0023	0.0228
03/28/07						<0.002	<0.002	<0.002					<0.002	<0.002	0.0059
09/20/07				<0.002	<0.002	<0.002	<0.002	<0.002		0.0014	<0.002	<0.002	<0.002	<0.002	0.00067
03/20/08						<0.002	0.00065J	0.0005J					0.00061J	<0.002	
09/17/08		0.0014 J	0.0442	0.0148	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	0.281	<0.002
11/10/08						<0.002									
03/11/09					<0.002	<0.002	<0.002					<0.002	<0.002	<0.002	

All units mg/l
Blank cells, wells either not installed or not sampled
Data from 1990 to 2003 compiled from historical sources; duplicate samples after 2003 averaged
"J" (estimated) modifiers not included

Summary of Lee Plant Ethylbenzene Groundwater Concentrations

Date	MW-3	MW-7	MW-9	MW-10	MW-11	MW-12	MW-13	MW-14	MW-16	MW-17	MW-18	MW-19	MW-20	MW-21	MW-22
03/01/90	0.001														
03/28/90	<0.001														
06/27/90	0.002														
08/10/90			0.001	0.034	0.003	0.001									
02/13/91			0.005	0.016		0.004	0.019	<0.001							
06/26/91		0.023	0.003	0.084	<0.002	<0.002	<0.002	<0.002							
10/17/91			0.002		<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	0.003		
01/23/92			0.005		<0.001	<0.001	<0.001						<0.001		
04/28/92			<0.001		<0.001	<0.001									
07/30/92		<0.001	0.01		0.002	0.001	<0.001		0.008		0.002	0.002	0.006		
10/21/92			0.11		0.022	0.024	0.026	0.019							
01/20/93			0.022		<0.001	<0.001	<0.001	<0.001					<0.001		
04/15/93			0.02		<0.001	<0.001	<0.001	0.003					<0.001		
07/20/93		<0.001	0.029	<0.002	<0.002	<0.002	<0.002		0.03		<0.002	<0.002	0.011	<2	0.036
10/26/93					<0.002	<0.002	<0.002					<0.002	<0.002		
01/06/94					<0.001	<0.001	<0.001				<0.001	<0.001	0.003		
05/03/94					0.001	0.001	<0.001					<0.001	<0.001	<0.001	<0.001
07/26/94		0.001	<0.01	0.23	<0.001	<0.001	<0.001		0.12		0.002	<0.001	<0.001	<0.001	<0.001
10/12/94					<0.001	<0.001	<0.001					<0.001	<0.001		
03/16/95					<0.001	<0.001	<0.001			0.004	<0.001	0.005	<0.001	<0.001	<0.001
06/24/95					<0.001	<0.001	<0.001					0.002	<0.001		
08/10/95		0.002	<0.025	<0.025	<0.001	<0.001	<0.001		0.137		<0.001	<0.001	<0.001		
10/10/95					<0.001	<0.001	<0.001					<0.001	<0.001	<0.001	<0.001
01/16/96					<0.001	<0.001	<0.001			<0.001	<0.001	<0.001	<0.001		
04/25/96						<0.001	<0.001	0.049				<0.001	<0.001	<0.001	<0.001
08/27/96		<0.01	<0.001	<0.025	<0.001	<0.001	<0.001		0.035		<0.001	<0.001	<0.001		
11/20/96					<0.001	<0.001	<0.001					<0.001	<0.001	<0.001	<0.001
01/21/97					<0.001	<0.001	<0.001				<0.001	<0.001	<0.001		

Blank cells, wells either not installed or not sampled

Data from 1990 to 2003 compiled from historical sources; duplicate samples after 2003 averaged

"J" (estimated) modifiers not included

Summary of Lee Plant Ethylbenzene Groundwater Concentrations (continued)

Date	MW-3	MW-7	MW-9	MW-10	MW-11	MW-12	MW-13	MW-14	MW-16	MW-17	MW-18	MW-19	MW-20	MW-21	MW-22
04/17/97					<0.001	<0.001	<0.001	0.05				<0.001	<0.001	<0.025	
08/12/97	0.042	<0.025	<0.001	<0.05	<0.001	<0.001	<0.001	<0.05	0.042	<0.001	<0.001	<0.001	<0.001	0.73	<0.001
01/20/98					<0.001	<0.001	<0.001					<0.001	<0.005	<0.1	
08/05/98	0.007	<0.01	<0.01	0.013	<0.001	<0.001	<0.001	<0.001	0.046	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
02/15/99					<0.001	<0.001	<0.001					<0.005	<0.005	<0.001	
08/18/99	<0.001	0.02	<0.05	<0.01	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.005	<0.001	<0.001	<0.001	<0.005
02/16/00					<0.001	<0.001	<0.001					<0.005	<0.005	<0.005	
08/16/00	<0.005	<0.01	0.024	<0.005	<0.001	<0.005	<0.001	<0.001	0.001	<0.005	<0.005	<0.001	<0.005	<0.005	<0.005
02/16/01	<0.005				<0.005	<0.005	<0.005							<0.005	
08/01/01	<0.005	<0.005	<0.1	<0.05	<0.001	<0.001	<0.001	0.006	<0.005	<0.005	<0.005	<0.001	0.002	<0.005	<0.001
02/11/02	<0.001				<0.001	<0.001	<0.001					<0.001	<0.005	<0.005	
08/13/02		<0.005	0.013	<0.05	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001
03/09/03					<0.001	<0.001	<0.001					<0.001	<0.001	0.018	
09/16/03		0.001	0.146	<0.1	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.153	<0.005
03/15/04	<0.001				<0.001	<0.001	<0.001					<0.001	<0.001	0.0981	
09/23/04		0.0012	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.022	<0.002	<0.002
03/14/05						<0.002	<0.002	<0.002					<0.002	<0.002	0.171
09/26/05	<0.002			0.0542	<0.002	<0.002	<0.002	<0.002		<0.002	<0.002	<0.002	<0.002	<0.002	0.0868
03/02/06						<0.002	<0.002	<0.002					<0.002	<0.002	0.0691
09/20/06				<0.002	<0.002	<0.002	<0.002	<0.002		0.0097	<0.002	<0.002	<0.002	<0.002	<0.002
03/28/07						<0.002	<0.002	<0.002					<0.002	<0.002	0.839
09/20/07				0.27	0.00124	<0.002	<0.002	<0.002		0.00053J	<0.002	<0.002	<0.002	<0.002	0.462J
03/20/08						<0.002	<0.002	<0.002					<0.002	<0.002	
09/17/08		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	0.0024	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
11/10/08						<0.002									
03/11/09					<0.002	<0.002	<0.002					<0.002	<0.002	0.0018J	

All units mg/l
Blank cells, wells either not installed or not sampled
Data from 1990 to 2003 compiled from historical sources; duplicate samples after 2003 averaged
"J" (estimated) modifiers not included

Summary of Lee Plant Total Xylenes Groundwater Concentrations

Date	MW-3	MW-7	MW-9	MW-10	MW-11	MW-12	MW-13	MW-14	MW-16	MW-17	MW-18	MW-19	MW-20	MW-21	MW-22
03/01/90	0.001														
03/28/90	<0.001														
06/27/90	<0.003														
08/10/90			0.002	0.016	0.006	0.003									
02/13/91			0.002	<0.005		0.001	0.005	<0.001							
06/26/91		0.13	0.004	0.039	<0.003	<0.003	<0.003	<0.003							
10/17/91			<0.001		<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	0.003		
01/23/92			<0.001		<0.001	<0.001	<0.001						<0.001		
04/28/92			<0.001		<0.001	<0.001									
07/30/92		<0.001	0.003		0.001	0.001	<0.001		0.008		0.001	0.001	0.006		
10/21/92			0.12		0.051	0.056	0.062	0.045							
01/20/93			0.011		0.001	<0.001	<0.001	0.001					<0.001		
04/15/93			0.04		0.001	<0.001	<0.001	0.006					0.002		
07/20/93		1.27	0.069		0.012	0.012	0.013		0.048		0.012	0.014	0.034	<6	0.048
10/26/93					<0.006	<0.006	0.01					<0.006	<0.006		
01/06/94					0.004	<0.003	<0.003				<0.003	<0.003	0.01		
05/03/94					0.004	0.004	<0.003					<0.003	<0.003	<0.003	0.007
07/26/94		0.005	<0.03	0.86	<0.003	<0.003	<0.003		<0.3		<0.003	<0.003	<0.003	0.011	<0.003
10/12/94					<0.003	<0.003	<0.001					<0.003	<0.003		
03/16/95					0.003	0.004	<0.003			0.01	<0.003	0.011	0.006	<0.003	<0.003
06/24/95					<0.003	<0.003	0.003					0.003	0.003		
08/10/95		<0.003	<0.075	<0.075	<0.003	<0.003	<0.003		0.378		<0.003	<0.003	<0.003		
10/10/95					<0.001	<0.001	<0.001					<0.001	<0.001	<0.001	<0.001
01/16/96					<0.001	<0.001	<0.001			<0.001	<0.001	<0.001	<0.001		
04/25/96						<0.001	<0.001	<0.01				<0.001	<0.001	<0.001	<0.001
08/27/96		<0.01	<0.001	<0.025	<0.001	<0.001	<0.001		0.021		<0.001	<0.001	<0.001		
11/20/96					<0.001	<0.001	<0.001					<0.001	<0.001	<0.001	<0.001
01/21/97					<0.001	<0.001	<0.001				<0.001	<0.001	<0.001		

Blank cells, wells either not installed or not sampled
Data from 1990 to 2003 compiled from historical sources; duplicate samples after 2003 averaged
"J" (estimated) modifiers not included

Summary of Lee Plant Total Xylenes Groundwater Concentrations (continued)

Date	MW-3	MW-7	MW-9	MW-10	MW-11	MW-12	MW-13	MW-14	MW-16	MW-17	MW-18	MW-19	MW-20	MW-21	MW-22
04/17/97					<0.001	<0.001	<0.001	<0.025				<0.001	<0.001	<0.025	
08/12/97	0.061	<0.025	<0.001	<0.05	<0.001	<0.001	<0.001	<0.05	0.081	<0.001	<0.001	<0.001	<0.001	0.9	<0.001
01/20/98					<0.001	<0.001	<0.001					<0.001	<0.005	<0.1	
08/05/98	<0.001	<0.01	<0.01	0.008	<0.001	<0.001	<0.001	<0.001	0.129	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
02/15/99					<0.001	<0.001	<0.001					<0.005	<0.005	<0.001	
08/18/99	<0.001	0.016	0.073	<0.01	<0.001	<0.001	<0.001	<0.001	0.034	<0.001	<0.005	<0.001	<0.001	<0.001	<0.005
02/16/00					<0.001	<0.001	<0.001					<0.005	<0.005	<0.005	
08/16/00	<0.005	0.01	<0.005	<0.005	<0.001	<0.005	<0.001	<0.001	0.003	<0.005	<0.005	<0.001	<0.005	<0.005	<0.005
02/16/01	<0.005				<0.005	<0.005	<0.005					<0.005	<0.005	<0.005	
08/01/01	<0.005	<0.005	<0.1	<0.05	<0.001	<0.001	<0.001	<0.005	<0.005	<0.005	<0.005	<0.001	0.002	<0.005	<0.001
02/11/02	<0.001				<0.001	<0.001	<0.001					<0.001	<0.005	<0.005	
08/13/02		<0.005	<0.005	<0.05	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001
03/09/03					<0.001	<0.001	<0.001					<0.001	<0.001	0.01	
09/16/03		<0.001	<0.1	<0.1	<0.005	<0.001	<0.001	<0.001	0.002	<0.001	<0.001	<0.001	<0.001	0.148	<0.005
03/15/04	<0.001				<0.001	<0.001	<0.001					<0.001	<0.001	0.142	
09/23/04		<0.006	0.0027	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.066	0.197	<0.006
03/14/05						<0.006	<0.006	<0.006					<0.006	<0.006	0.285
09/26/05	<0.006			0.0094	<0.006	<0.006	<0.006	<0.006		<0.006	<0.006	<0.006	<0.006	<0.006	0.109
03/02/06						<0.006	<0.006	<0.006					<0.006	<0.006	0.113
09/20/06				0.025	<0.006	<0.006	<0.006	<0.006		0.0078	<0.006	<0.006	<0.006	<0.006	0.0339
03/28/07						<0.006	<0.006	<0.006					<0.006	<0.006	0.883
09/20/07				0.0834	<0.006	<0.006	<0.006	<0.006		0.0018J	<0.006	<0.006	<0.006	<0.006	0.321
03/20/08						<0.006	<0.006	<0.006					<0.006	<0.006	
09/17/08		0.0027 J	0.0023 J	<0.006	<0.006	<0.006	<0.006	<0.006	0.0036 J	<0.006	<0.006	<0.006	<0.006	0.318	<0.006
11/10/08						<0.006									
03/11/09					<0.006	<0.006	<0.006					<0.006	<0.006	<0.006	

All units mg/l

Blank cells, wells either not installed or not sampled

Data from 1990 to 2003 compiled from historical sources; duplicate samples after 2003 averaged

"J" (estimated) modifiers not included

ATTACHMENT

Field Sampling Data and Analytical Laboratory Report

Arc Environmental

P. O. Box 1772 ~ Lovington, NM 88260
(575) 631-9310

FIELD MEASUREMENT and OBSERVATION LOG

PROJECT NAME: DCP Midstream

PROJECT LOCATION: DCP Midstream Lee Plant
PROJECT NUMBER: F-112

Date Sampled: 3-11-2009

PROJECT MANAGER: Michael H. Stewart, P.E., C.P.G.

FIELD TECHNICIAN: Rozanne Johnson - Arc Environmental

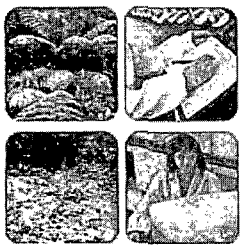
Notes: Water was disposed of at Linam Ranch skim tank.

WELL # /SAMPLE LOCATION	TOTAL WELL DEPTH (feet)	DEPTH TO WATER (feet)	HEIGHT WATER COLUMN (feet)	WELL FACTOR 2"=.16 4"=.65 5"=1.02	CALC. WELL VOLUME (gallons)	NUMBER OF WELL VOLUMES PURGED	TOTAL PURGED (gallons)	Temp (°C)	pH	Cond. (ms/cm)		Time	SAMPLE CHARACTERISTICS (odor, color, sheen)
Monitor Well #3	108.84	107.47						Gauge Only					
Monitor Well #5		107.74						Gauge Only					Depth to Product 105.70
Monitor Well #7	111.67	106.46						Gauge Only					
Monitor Well #8		110.80						Gauge Only					Depth to Product 106.82
Monitor Well #9	116.92	107.89						Gauge Only					
Monitor Well #10	117.41	107.71						Gauge Only					
Monitor Well #11	117.98	106.88	11.10	0.65	7.2	3	25	17.2	7.46	1.07		14:15	No Odor
Monitor Well #12	117.35	107.33	10.02	0.65	6.5	3	20	17.3	7.42	1.20		13:10	No Odor, Collected MS/MSD
Monitor Well #13	117.27	109.15	8.12	0.65	5.3	3	20	17.4	6.89	1.28		12:05	No Odor
Monitor Well #14	118.36	110.48						Gauge Only					
Monitor Well #16	122.74	106.52						Gauge Only					
Monitor Well #17	124.12	108.92						Gauge Only					
Monitor Well #18	125.42	110.30						Gauge Only					
Monitor Well #19	126.56	110.15	16.41	0.65	10.7	3	35	17.2	6.87	1.32		11:10	No Odor
Monitor Well #20	128.22	112.79	15.43	0.65	10.0	3	35	17.2	7.10	0.95		10:20	No Odor
Monitor Well #21	123.70	108.94	14.76	0.16	2.4	3	8	17.4	6.98	0.98		15:15	Strong Odor, Sheen, Duplicate Sample Taken
Monitor Well #22	148.62	108.69						Gauge Only					

Gulf Coast ACCUTEST Laboratories

IT'S ALL IN THE CHEMISTRY

04/21/09



Technical Report for

DCP Midstream, LLC

AECCOLI: Duke-Lee Plant, Lea County, NM

Accutest Job Number: T26000

Sampling Date: 03/11/09

Report to:

American Environmental Consulting

mstewart@aecdenver.com

ATTN: Mike Stewart

Total number of pages in report: 20

ACCUTEST LABORATORIES 50 YEARS 1956-2006

ACCREDITED IN ACCORDANCE WITH nelac

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

Paul K Canevaro

Paul Canevaro
Laboratory Director

Client Service contact: William Reeves 713-271-4700

Certifications: TX (T104704220-06-TX) AR (88-0756) FL (E87628) KS (E-10366) LA (85695/04004) OK (9103) UT(7132714700)

Test results relate only to samples analyzed.

Sections: 1 2 3 4

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Sample Summary

DCP Midstream, LLC

Job No: T26000

AECCOLI: Duke-Lee Plant, Lea County, NM

Sample Number	Collected Date	Time	By	Received	Matrix Code	Matrix Type	Client Sample ID
T26000-1	03/11/09	14:15	RJ	03/13/09	AQ	Ground Water	MW-11
T26000-2	03/11/09	13:10	RJ	03/13/09	AQ	Ground Water	MW-12
T26000-2D	03/11/09	13:10	RJ	03/13/09	AQ	Water Dup/MSD	MW-12 MSD
T26000-2S	03/11/09	13:10	RJ	03/13/09	AQ	Water Matrix Spike	MW-12 MS
T26000-3	03/11/09	12:05	RJ	03/13/09	AQ	Ground Water	MW-13
T26000-4	03/11/09	11:10	RJ	03/13/09	AQ	Ground Water	MW-19
T26000-5	03/11/09	10:20	RJ	03/13/09	AQ	Ground Water	MW-20
T26000-6	03/11/09	15:15	RJ	03/13/09	AQ	Ground Water	MW-21
T26000-7	03/11/09	13:10	RJ	03/13/09	AQ	Ground Water	DUP
T26000-8	03/11/09	00:00	RJ	03/13/09	AQ	Trip Blank Water	TRIP BLANK

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	MW-11		
Lab Sample ID:	T26000-1	Date Sampled:	03/11/09
Matrix:	AQ - Ground Water	Date Received:	03/13/09
Method:	SW846 8260B	Percent Solids:	n/a
Project:	AECCOLI: Duke-Lee Plant, Lea County, NM		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F014733.D	1	03/15/09	RR	n/a	n/a	VF3319
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.0020	0.00046	mg/l	
108-88-3	Toluene	ND	0.0020	0.00048	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00045	mg/l	
1330-20-7	Xylene (total)	ND	0.0060	0.0014	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	108%		79-122%
17060-07-0	1,2-Dichloroethane-D4	112%		75-121%
2037-26-5	Toluene-D8	109%		87-119%
460-00-4	4-Bromofluorobenzene	113%		80-133%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-12		
Lab Sample ID:	T26000-2	Date Sampled:	03/11/09
Matrix:	AQ - Ground Water	Date Received:	03/13/09
Method:	SW846 8260B	Percent Solids:	n/a
Project:	AECCOLI: Duke-Lee Plant, Lea County, NM		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F014734.D	1	03/15/09	RR	n/a	n/a	VF3319
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.0020	0.00046	mg/l	
108-88-3	Toluene	ND	0.0020	0.00048	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00045	mg/l	
1330-20-7	Xylene (total)	ND	0.0060	0.0014	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	107%		79-122%
17060-07-0	1,2-Dichloroethane-D4	111%		75-121%
2037-26-5	Toluene-D8	106%		87-119%
460-00-4	4-Bromofluorobenzene	110%		80-133%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@36419 10:09 21-Apr-2009

Report of Analysis

Client Sample ID:	MW-13		
Lab Sample ID:	T26000-3	Date Sampled:	03/11/09
Matrix:	AQ - Ground Water	Date Received:	03/13/09
Method:	SW846 8260B	Percent Solids:	n/a
Project:	AECCOLI: Duke-Lee Plant, Lea County, NM		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F014739.D	1	03/15/09	RR	n/a	n/a	VF3319
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.0020	0.00046	mg/l	
108-88-3	Toluene	ND	0.0020	0.00048	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00045	mg/l	
1330-20-7	Xylene (total)	ND	0.0060	0.0014	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	107%		79-122%
17060-07-0	1,2-Dichloroethane-D4	111%		75-121%
2037-26-5	Toluene-D8	106%		87-119%
460-00-4	4-Bromofluorobenzene	110%		80-133%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-19		
Lab Sample ID:	T26000-4	Date Sampled:	03/11/09
Matrix:	AQ - Ground Water	Date Received:	03/13/09
Method:	SW846 8260B	Percent Solids:	n/a
Project:	AECCOLI: Duke-Lee Plant, Lea County, NM		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F014740.D	1	03/15/09	RR	n/a	n/a	VF3319
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.0020	0.00046	mg/l	
108-88-3	Toluene	ND	0.0020	0.00048	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00045	mg/l	
1330-20-7	Xylene (total)	ND	0.0060	0.0014	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		79-122%
17060-07-0	1,2-Dichloroethane-D4	111%		75-121%
2037-26-5	Toluene-D8	103%		87-119%
460-00-4	4-Bromofluorobenzene	106%		80-133%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@36419 10:09 21-Apr-2009

Report of Analysis

Client Sample ID:	MW-20		
Lab Sample ID:	T26000-5	Date Sampled:	03/11/09
Matrix:	AQ - Ground Water	Date Received:	03/13/09
Method:	SW846 8260B	Percent Solids:	n/a
Project:	AECCOLI: Duke-Lee Plant, Lea County, NM		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F014741.D	1	03/15/09	RR	n/a	n/a	VF3319
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.0020	0.00046	mg/l	
108-88-3	Toluene	ND	0.0020	0.00048	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00045	mg/l	
1330-20-7	Xylene (total)	ND	0.0060	0.0014	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	106%		79-122%
17060-07-0	1,2-Dichloroethane-D4	110%		75-121%
2037-26-5	Toluene-D8	106%		87-119%
460-00-4	4-Bromofluorobenzene	111%		80-133%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-21		
Lab Sample ID:	T26000-6	Date Sampled:	03/11/09
Matrix:	AQ - Ground Water	Date Received:	03/13/09
Method:	SW846 8260B	Percent Solids:	n/a
Project:	AECCOLI: Duke-Lee Plant, Lea County, NM		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F014742.D	1	03/15/09	RR	n/a	n/a	VF3319
Run #2	F014743.D	10	03/15/09	RR	n/a	n/a	VF3319

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	0.216 [a]	0.020	0.0046	mg/l	
108-88-3	Toluene	ND	0.0020	0.00048	mg/l	
100-41-4	Ethylbenzene	0.0018	0.0020	0.00045	mg/l	J
1330-20-7	Xylene (total)	ND	0.0060	0.0014	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	111%	107%	79-122%
17060-07-0	1,2-Dichloroethane-D4	108%	105%	75-121%
2037-26-5	Toluene-D8	110%	108%	87-119%
460-00-4	4-Bromofluorobenzene	116%	113%	80-133%

(a) Result is from Run# 2

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	DUP		
Lab Sample ID:	T26000-7	Date Sampled:	03/11/09
Matrix:	AQ - Ground Water	Date Received:	03/13/09
Method:	SW846 8260B	Percent Solids:	n/a
Project:	AECCOLI: Duke-Lee Plant, Lea County, NM		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F014744.D	1	03/15/09	RR	n/a	n/a	VF3319
Run #2	F014745.D	10	03/15/09	RR	n/a	n/a	VF3319

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	0.216 [a]	0.020	0.0046	mg/l	
108-88-3	Toluene	ND	0.0020	0.00048	mg/l	
100-41-4	Ethylbenzene	0.0018	0.0020	0.00045	mg/l	J
1330-20-7	Xylene (total)	ND	0.0060	0.0014	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	107%	107%	79-122%
17060-07-0	1,2-Dichloroethane-D4	108%	110%	75-121%
2037-26-5	Toluene-D8	105%	106%	87-119%
460-00-4	4-Bromofluorobenzene	109%	111%	80-133%

(a) Result is from Run# 2

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	T26000-8	Date Sampled:	03/11/09
Matrix:	AQ - Trip Blank Water	Date Received:	03/13/09
Method:	SW846 8260B	Percent Solids:	n/a
Project:	AECCOLI: Duke-Lee Plant, Lea County, NM		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F014738.D	1	03/15/09	RR	n/a	n/a	VF3319
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.0020	0.00046	mg/l	
108-88-3	Toluene	ND	0.0020	0.00048	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00045	mg/l	
1330-20-7	Xylene (total)	ND	0.0060	0.0014	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		79-122%
17060-07-0	1,2-Dichloroethane-D4	109%		75-121%
2037-26-5	Toluene-D8	105%		87-119%
460-00-4	4-Bromofluorobenzene	109%		80-133%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

CHAIN OF CUSTODY

ACCUTEST Laboratories
10165 Harwin, Suite 150 - Houston, TX 77036 - 713-271-4700 fax: 713-271-4770

FED-EX Tracking # | Bottle Order Control #
Accutest Quote # | Accutest Job # T26000

Client / Reporting Information

Company Name: DCP Midstream
Project Contact: Stephen Weathers | E-Mail: SWWeathers@dcpmidstream.com
Address: 370 Seventeenth Street, Suite 2500
City: Denver | State: CO | Zip: 80202
Phone No.: 303-605-1718 | Fax No.:
Sampler's Name: Rozanne Johnson (575)6319310

Project Information

Project Name / No.: DCP Midstream Lee
Bill to: Same | Invoice Attn.:
Address:
City | State | Zip
Phone No. | Fax No.:
Client Purchase Order #

Requested Analyses

Matrix Codes

DW - Drinking Water
GW - Ground Water
WW - Wastewater
SO - Soil
SL - Sludge
OI - Oil
LIQ - Liquid
SOL - Other Solid

Accutest Sample #	Field ID / Point of Collection	Collection Date	Collection Time	Matrix	# of bottles	Number of preserved bottles: HCl	NaOH	HNO3	H2SO4	ENCORE	NaHSO4	MEOH	NONE	BTEX 8260B	LAB USE ONLY
1	MW-11	3-11-09	14:15	GW	3	X								X	
2	MW-12	3-11-09	13:10	GW	3	X								X	
3	MW-13	3-11-09	12:05	GW	3	X								X	
4	MW-19	3-11-09	11:10	GW	3	X								X	
5	MW-20	3-11-09	10:20	GW	3	X								X	
6	MW-21	3-11-09	15:15	GW	3	X								X	
2	MW12 ~~MW-21~~ MS/MSD	3-11-09	13:10	GW	6	X								X	
7	DUP	3-11-09	00:00	GW	3	X								X	
8	Trip Blank			WTB										X	

Turnaround Time (Business days)

- [ ] 10 Day STANDARD
- [X] 7 Day
- [ ] 4 Day RUSH
- [ ] 3 Day EMERGENCY
- [ ] 2 Day EMERGENCY
- [ ] 1 Day EMERGENCY
- [ ] Other

Approved By:/ Date:

Real time analytical data available via Lablink

Data Deliverable Information

- [ ] Commercial "A"
- [X] Commercial "B"
- [ ] Reduced Tier 1
- [ ] Full Data Package
- [ ] TRRP-13
- [ ] EDD Format
- [ ] Other

Commercial "A" = Results Only
Commercial "B" = Results & Standard QC

Comments / Remarks

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION, INCLUDING COURIER DELIVERY

	Relinquished by:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1	Sampler	3-12-2009	1	2		2
3			3	4		4
5	FEDEX	3.13.09 0900	5	Custody Seal #	Preserved where applicable ☐	On Ice ☐ Cooler Temp. 1.2

T26000: Chain of Custody
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SAMPLE INSPECTION FORM

Accutest Job Number: T26000 Client: DCP Midstream Date/Time Received: 3.13.09 0900

# of Coolers Received: 1 Thermometer #: IR4 Temperature Adjustment Factor: -.4

Cooler Temps: #1: 1.2 #2: _____ #3: _____ #4: _____ #5: _____ #6: _____ #7: _____ #8: _____

Method of Delivery: FEDEX UPS Accutest Courier Greyhound Delivery Other

Airbill Numbers: 867047979728

COOLER INFORMATION

- [ ] Custody seal missing or not intact
- [ ] Temperature criteria not met
- [ ] Wet ice received in cooler

CHAIN OF CUSTODY

- [ ] Chain of Custody not received
- [ ] Sample D/T unclear or missing
- [ ] Analyses unclear or missing
- [ ] COC not properly executed

SAMPLE INFORMATION

- [ ] Sample containers received broken
- [ ] VOC vials have headspace
- [ ] Sample labels missing or illegible
- [ ] ID on COC does not match label(s)
- [ ] D/T on COC does not match label(s)
- [ ] Sample/Bottles rcvd but no analysis on COC
- [ ] Sample listed on COC, but not received
- [ ] Bottles missing for requested analysis
- [ ] Insufficient volume for analysis
- [ ] Sample received improperly preserved

TRIP BLANK INFORMATION

- [ ] Trip Blank on COC but not received
- [ ] Trip Blank received but not on COC
- [ ] Trip Blank not intact
- [x] Received Water Trip Blank
- [ ] Received Soil TB

Number of Encores? _____
Number of 5035 kits? _____
Number of lab-filtered metals? _____

Summary of Discrepancies:

TECHNICIAN SIGNATURE/DATE: [signature] 3.13.09

INFORMATION AND SAMPLE LABELING VERIFIED BY: GHE 3/13/9

CORRECTIVE ACTIONS

Client Representative Notified: _____ **Date:** _____

By Accutest Representative: _____ **Via:** Phone Email

Client Instructions:

i:\mwalker\forms\samplemanagement

3.1

T26000: Chain of Custody
Page 2 of 3

SAMPLE RECEIPT LOG

JOB #: T26000 DATE/TIME RECEIVED: 3.13.09 0900

CLIENT: DCP Midstream INITIALS: IT

COOLER#	SAMPLE ID	FIELD ID	DATE	MATRIX	VOL	BOTTLE #	LOCATION	PRESERV	PH
1	1	MW-11	3.11.09 1415	GV	40ml	1-3	VR	1 (2) 3 4 5 6 7 8	<2 >12
↓	2	MW-12	↓ 1310	↓	↓	1-9	↓	1 (2) 3 4 5 6 7 8	<2 >12
	3	MW-13	1205			1-3		1 (2) 3 4 5 6 7 8	<2 >12
	4	MW-19	1110			↓		1 (2) 3 4 5 6 7 8	<2 >12
	5	MW-20	1020					1 (2) 3 4 5 6 7 8	<2 >12
	6	MW-21	1515					1 (2) 3 4 5 6 7 8	<2 >12
	7	DUP	3.11.09	↓		↓		1 (2) 3 4 5 6 7 8	<2 >12
↓	8	Trip Blank	—	DI	↓	1-2	↓	1 (2) 3 4 5 6 7 8	<2 >12
								1 2 3 4 5 6 7 8	<2 >12
		IT 3.13.09						1 2 3 4 5 6 7 8	<2 >12
								1 2 3 4 5 6 7 8	<2 >12
								1 2 3 4 5 6 7 8	<2 >12
								1 2 3 4 5 6 7 8	<2 >12
								1 2 3 4 5 6 7 8	<2 >12
								1 2 3 4 5 6 7 8	<2 >12
								1 2 3 4 5 6 7 8	<2 >12
								1 2 3 4 5 6 7 8	<2 >12
								1 2 3 4 5 6 7 8	<2 >12
								1 2 3 4 5 6 7 8	<2 >12
								1 2 3 4 5 6 7 8	<2 >12
								1 2 3 4 5 6 7 8	<2 >12
								1 2 3 4 5 6 7 8	<2 >12

PRESERVATIVES: 1: None 2: HCL 3: HNO3 4: H2SO4 5: NAOH 6: DI 7: MeOH 8: Other

3.1

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T26000: Chain of Custody
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GC/MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: T26000
Account: DUKE DCP Midstream, LLC
Project: AECCOLI: Duke-Lee Plant, Lea County, NM

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VF3319-MB	F014731.D	1	03/15/09	RR	n/a	n/a	VF3319

The QC reported here applies to the following samples: Method: SW846 8260B

T26000-1, T26000-2, T26000-3, T26000-4, T26000-5, T26000-6, T26000-7, T26000-8

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	2.0	0.46	ug/l	
100-41-4	Ethylbenzene	ND	2.0	0.45	ug/l	
108-88-3	Toluene	ND	2.0	0.48	ug/l	
1330-20-7	Xylene (total)	ND	6.0	1.4	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	110%	79-122%
17060-07-0	1,2-Dichloroethane-D4	114%	75-121%
2037-26-5	Toluene-D8	111%	87-119%
460-00-4	4-Bromofluorobenzene	114%	80-133%

Blank Spike Summary

Job Number: T26000
Account: DUKE DCP Midstream, LLC
Project: AECCOLI: Duke-Lee Plant, Lea County, NM

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VF3319-BS	F014729.D	1	03/15/09	RR	n/a	n/a	VF3319

The QC reported here applies to the following samples: Method: SW846 8260B

T26000-1, T26000-2, T26000-3, T26000-4, T26000-5, T26000-6, T26000-7, T26000-8

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	24.3	97	76-118
100-41-4	Ethylbenzene	25	24.2	97	75-112
108-88-3	Toluene	25	23.7	95	77-114
1330-20-7	Xylene (total)	75	72.9	97	75-111

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	105%	79-122%
17060-07-0	1,2-Dichloroethane-D4	106%	75-121%
2037-26-5	Toluene-D8	108%	87-119%
460-00-4	4-Bromofluorobenzene	108%	80-133%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: T26000
Account: DUKE DCP Midstream, LLC
Project: AECCOLI: Duke-Lee Plant, Lea County, NM

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
T26000-2MS	F014735.D	1	03/15/09	RR	n/a	n/a	VF3319
T26000-2MSD	F014736.D	1	03/15/09	RR	n/a	n/a	VF3319
T26000-2	F014734.D	1	03/15/09	RR	n/a	n/a	VF3319

The QC reported here applies to the following samples: Method: SW846 8260B

T26000-1, T26000-2, T26000-3, T26000-4, T26000-5, T26000-6, T26000-7, T26000-8

CAS No.	Compound	T26000-2 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		25	24.9	100	23.9	96	4	76-118/16
100-41-4	Ethylbenzene	ND		25	24.5	98	23.4	94	5	75-112/12
108-88-3	Toluene	ND		25	23.8	95	22.9	92	4	77-114/12
1330-20-7	Xylene (total)	ND		75	73.5	98	70.2	94	5	75-111/12

CAS No.	Surrogate Recoveries	MS	MSD	T26000-2	Limits
1868-53-7	Dibromofluoromethane	105%	111%	107%	79-122%
17060-07-0	1,2-Dichloroethane-D4	111%	120%	111%	75-121%
2037-26-5	Toluene-D8	104%	109%	106%	87-119%
460-00-4	4-Bromofluorobenzene	102%	105%	110%	80-133%