GW-044

MONITORING REPORT

DATE:
2nd QTR 2009

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

September 28, 2009

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

RE: 2nd Quarter 2009 Groundwater Monitoring Results
Hobbs Booster Station, Lea County New Mexico (GW-044)
Unit C and D, Section 4, Township 19 South, Range 38 East

Dear Mr. Lowe:

DCP Midstream, LP (DCP), is pleased to submit for your review, a one copy of the 2nd Quarter 2009 Groundwater Monitoring Report for the DCP Hobbs Booster Station located in Hobbs, New Mexico (Unit C and D Section 4, T19S, R38E (32.696 degrees North, 103.156 degrees West)

If you have any questions regarding the report, please call me at 303-605-1718 or email me at swweathers@dcpmidstream.com

Sincerely

DCP Midstream, LP

Stephen Weathers, P.G.
Principal Environmental Specialist

cc: Larry Johnson, OCD Hobbs District Office (Copy on CD)
Environmental Files

AEC AMERICAN ENVIRONMENTAL CONSULTING, LLC

September 16, 2009

Mr. Stephen Weathers
DCP Midstream, LP
370 Seventeenth Street, Suite 2500
Denver, Colorado 80202

Subject: Discharge Plan **GW-044**: Summary of Second Quarter 2009 Groundwater Monitoring Results for the Hobbs Booster Station: Hobbs, New Mexico
Units C and D Section 4, T 19 S, R 38 E, NMPM

Dear Steve:

This letter summarizes the second quarter 2009 groundwater-sampling event completed on May 26, 2009 at the DCP Midstream, LP Hobbs Booster Station in Hobbs, New Mexico. The facility is located in New Mexico Oil Conservation Division (OCD) designated units C and D of Section 4, Township 19 South, Range 38 East (Figure 1). The coordinates are 32.696 degrees north, 103.156 degrees west. The current well locations are shown on Figure 2. Construction and well use information is included in Table 1. Well uses include:

- Fluid level measurement and quarterly groundwater monitoring;
- Fluid level measurement and free phase hydrocarbon (FPH) recovery; and
- Fluid level measurement only.

Eleven additional wells, PW-AA through PW-KK, were installed as part of the FPH recovery system (Figure 2). They are not included in the monitoring program. These wells are checked periodically to ensure that the FPH recovery pumps are properly set.

A vacuum component was added to the FPH collection system in March 2008 to increase product recovery and extend the capture zones for the wells. The upgraded FPH collection system became fully operational in May 2008. The vacuum enhancement system generally runs between 40 and 50 inches of water.

There is also an air-sparge system (AS) that was installed along the south-central site boundary (Figure 2). This system injects air at pressures between 9 and 10 pounds per square inch (psi).

MONITORING ACTIVITIES AND GROUNDWATER FLOW

The monitoring activities were completed using the protocols for this site. The corrected groundwater elevations are shown on Table 2. A summary of all corrected water table elevation data is attached.

The 2-inch diameter wells that are attached to the FPH collection system were not gauged to minimize the potential for disruption. There are sufficient neighboring 4-inch wells that provide data to adequately characterize the water table configuration.

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 0.74 or 0.82 depending upon the well location).

Figure 3 shows hydrographs for select wells. The wells that were selected included:

- MW-7: Upgradient (west) of the site
- MW-14: Crossgradient on the southern property boundary
- MW-20: On the downgradient (east) property boundary
- TW-B: Attached to the western part of the FPH recovery system
- TW-D: Attached to eastern part of the FPH recovery system
- TW-Q: Immediately upgradient of FPH recovery system

These wells were evaluated as indicators for the potential effects of vacuum enhancement and air sparging. The water table declined in all wells except TW-D and TW-Q where it remained essentially constant. The water-table elevation in TW-D has remained constant since the fourth quarter of 2004: the time that the FPH collection system was installed. This stability may be related to the installation of that system.

A water-table contour map generated from the May 2009 corrected values using the program Surfer® with its kriging option is included as Figure 4. Groundwater flow beneath the site is eastward in the eastern half of the site. The regional water table has been modified from its natural configuration by the construction and operation of the FPH collection system. The effects continue to decline over time.

FPH RECOVERY

The vacuumed-enhanced FPH recovery system has been fully operational since early May 2008. Figure 5 graphs cumulative FPH removal. The FPH removal rate has remained essentially constant since the system was installed demonstrating its continued effectiveness.

GROUNDWATER CHEMISTRY

Samples were collected from down-gradient wells MW-19, MW-19d, MW-20, MW-21, MW-22, well MW-14 located on the southern property line, and southern boundary wells MW-15, MW-16, MW-23, MW-24 and MW-25. Each well was purged using a dedicated bailer until a minimum of three casing volumes of water was removed and the field parameters temperature, pH and conductivity stabilized. The well purging forms are attached. The affected purge water was disposed of at the DCP Linam Ranch facility.

Samples were collected from each well following field parameter stabilization using the dedicated bailers. All samples were placed in an ice-filled chest immediately upon collection and shipped to AccuTest laboratory using standard chain-of-custody protocols. The samples were analyzed for benzene, toluene, ethylbenzene and total xylenes (BTEX). A copy of the laboratory analytical report is attached.

The quality assurance/quality control evaluations included:

1. The adjusted sample cooler temperature was listed as 2.0 degrees.
2. None of the surrogate recoveries completed on the individual analyses were outside of their control limits;
3. The laboratory method blank and blank spikes were in their respective control ranges.
4. The matrix spike and matrix spike duplicates from MW-14, and MW-25 did not exceed their respective control limits. The matrix spike results for toluene and xylenes and the matrix spike duplicate value for xylenes were outside the control limits for MW-20.
5. The trip blank did not contain any BTEX; and
6. The relative percentage difference values for benzene and toluene from primary and duplicate samples were less than three percent. Ethylbenzene and xylenes were not detected.

The above evaluations establish that the data are suitable for their intended purposes.

The BTEX results are summarized in Table 3. The constituents that exceed the New Mexico Water Quality Control Commission Groundwater (NMWQCC) Standards highlighted as bold text. Benzene in MW-14 was the only constituent that exceeded the standards. There were no exceedances in the eastern down-gradient or southern boundary wells.

The benzene concentrations for the samples collected during this monitoring event are posted on Figure 6. The benzene concentration in MW-23 is below the method quatitation limit even though it is only 50 feet from MW-14. This relationship demonstrates that the BTEX concentrations are not above the NMWQCC Standards at any off-site locations.

Summary tables of all of the groundwater monitoring results are attached. Figure 7 graphs the time-benzene concentrations for the south boundary well MW-14. The benzene concentration in MW-14 declined substantially for the fourth straight monitoring event.

Based upon the data collected, AEC does not recommend any changes to the monitoring program, the FPH collection activities or the AS system over the next quarter. The FPH recovery and AS systems will continue to be checked at least weekly. The pumps in the system are generally set monthly to ensure that they are properly positioned.

The next groundwater-monitoring episode is scheduled for the third quarter of 2009. 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
attachment

TABLES

Table 1 – Summary of Hobbs Booster Station Well Construction and Use Information

Well	Top of Casing Elevation	Total Well Depth	Screen Interval	Gravel Interval	Use*	Well	Top of Casing Elevation	Total Well Depth	Screen Interval	Gravel Interval	Use*
MW-1	3,626.06	57	37-57	34-57	A	MW-24	3,619.27	55	35-55	33-55	Q
MW-2	3,623.14	53	33-53	30-53	A	MW-25	3,619.73	55	35-55	33-55	Q
MW-3	3,623.01	53	33-53	30-53	A	TW-A	3626.74	57	42-57	40-57	R
MW-4	3,624.29	57	37-57	34-57	R	TW-B	3,626.96	57	44-59	42-59	R
MW-5	3,629.16	57	37-57	34-57	A	TW-C	3,626.85	60	45-60	43-60	R
MW-6	3,626.93	53	33-53	30-53	A	TW-D	3,628.12	50	35-50	33-50	R
MW-7	3,621.40	56	33-53	31-56	A	TW-G	3,623.62	54	39-54	34-54	R
MW-8	3,623.62	58	36-56	34-58	R	TW-H	3,622.30	51	36-51	34-51	F
MW-9	3,625.21	63	43-63	40-63	A	TW-I	3,629.44	60	45-60	43-60	R
MW-10	3,621.07	58	36-56	34-58	A	TW-J	3,628.99	60	45-60	43-60	R
MW-11	3,625.88	63	43-63	41-63	R	TW-K	3,628.95	60	45-60	43-60	F
MW-12	3,626.60	65	40-60	38-65	A	TW-L	3,628.75	60	45-60	43-60	R
MW-13	3,626.30	69	44-64	38-64	R	TW-M	3,629.62	60	45-60	43-60	R
MW-14	3,621.42	66	42-62	34-66	Q	TW-N	3,631.98	60	45-60	43-60	F
MW-15	3,619.39	59	37-57	31-59	Q	TW-O	3,631.60	60	45-60	42-60	R
MW-16	3,621.87	58	34-54	30-56	Q	TW-P	3,629.68	60	45-60	42-60	R
MW-17	3,623.94	66	41-61	37-63	A	TW-Q	3,627.90	58	53-58	41-58	F
MW-18	3,624.30	68	44-64	35-65	A	TW-R	3,627.34	60	45-60	43-45	R
MW-19	3,624.12	68	43-63	40-65	Q	TW-S	3,628.77	60	45-60	43-45	R
MW-19D	3,623.79	83	71-76	69-76	Q	TW-T	3,628.62	60	45-60	43-45	F
MW-20	3,621.49	59	59-44	59-42	Q	TW-U	3,628.67	60	45-60	43-45	F
MW-21	3,624.25	61	61-46	61-44	Q	TW-V	3,628.54	60	45-60	43-45	F
MW-22	3,625.16	60	45-60	43-60	Q	TW-W	3,626.88	60	45-60	43-45	F
MW-23	3,621.16	55	35-55	33-55	Q						

Notes: All units feet

A natural sand pack is present in well MW-19D from 72 to 76 feet below ground surface (bgs). Artificially graded sand is present between 69 and 72 feet bgs.

* Uses: Q: Quarterly groundwater monitoring when free phase hydrocarbons are absent

A: Annual groundwater monitoring when free phase hydrocarbons are absent

F: Fluid level measurement only.

R: Free phase hydrocarbon recovery

Table 2 - Summary of Second Quarter 2009 Fluid Level Measurements

Well	Depth to Water	Depth to Product	Product Thickness	Corrected Groundwater Elevation
MW-3	44.14			3978.87
MW-4	49.06	44.03	5.03	3579.34
MW-5	51.62			3577.54
MW-6	47.56			3579.37
MW-7	41.57			3579.83
MW-10	44.88			3576.19
MW-13	56.43	46.28	10.15	3578.16
MW-14	47.09			3574.33
MW-15	42.83			3576.56
MW-16	43.11			3578.76
MW-19	53.16			3570.96
MW-19D	53.12			3570.67
MW-20	50.74			3570.75
MW-21	52.52			3571.73
MW-22	54.24			3570.92
MW-23	46.68			3574.48
MW-24	44.68			3574.59
MW-25	45.73			3574.00
TW-A	50.15	45.46	4.69	3580.42
TW-B	53.30	45.06	8.24	3580.39
TW-C	51.60	46.27	5.33	3579.60
TW-D	51.96	49.82	2.14	3577.91
TW-G	44.13	42.56	1.57	3580.77
TW-H	44.87			3577.43
TW-K	62.00	53.73	8.27	3573.70
TW-M	49.58			3580.04
TW-N	52.86	52.83		3579.12
TW-O	54.10	53.98	0.12	3577.60
TW-P	54.24	53.35	0.89	3576.17
TW-Q	47.13			3577.79
TW-R	56.45	50.9	5.55	3575.42
TW-T	56.52			3572.10
TW-U	56.99			3571.68
TW-V	57.01			3571.53
AA	48.88	48.64	0.24	
BB	48.90	45.30	3.6	
CC	48.62	43.49	5.13	
DD	45.21	44.55	0.66	
EE	46.38	45.62	0.76	
FF	51.16	48.78	2.38	
GG	59.19	48.42	10.77	
II	51.00	44.33	6.67	
JJ	50.60	44.15	6.55	
KK	48.95	48.15	0.80	

All units feet

NA: No measured casing elevation

Table 3 – DCP Hobbs Second Quarter 2009 Groundwater Monitoring Results

Client ID	Benzene	Toluene	Ethylbenzene	Xylenes (total)
NMWQCC Standards	0.01	0.75	0.75	0.62
MW-14	**0.285**	0.0104	<0.01	<0.03
MW-14 DUP	**0.288**	0.0106	<0.01	<0.03
MW-15	0.0024	0.0413	<0.002	<0.006
MW-16	<0.002	<0.002	<0.002	<0.006
MW-19	<0.002	<0.002	<0.002	<0.006
MW-19D	0.00074J	<0.002	<0.002	<0.006
MW-20	<0.002	<0.002	<0.002	<0.006
MW-21	<0.002	<0.002	<0.002	<0.006
MW-22	0.0046	0.00069J	<0.002	0.002J
MW-23	<0.002	<0.002	<0.002	<0.006
MW-24	<0.002	<0.002	<0.002	<0.006
MW-25	<0.002	<0.002	<0.002	<0.006
TRIP BLANK	<0.002	<0.002	<0.002	<0.006

Notes

1. All units mg/l
2. NMWQCC Standards: New Mexico Water Control Commission groundwater standards. The constituents that exceed these standards are highlighted as bold text.
3. J qualifier: Estimated value

FIGURES

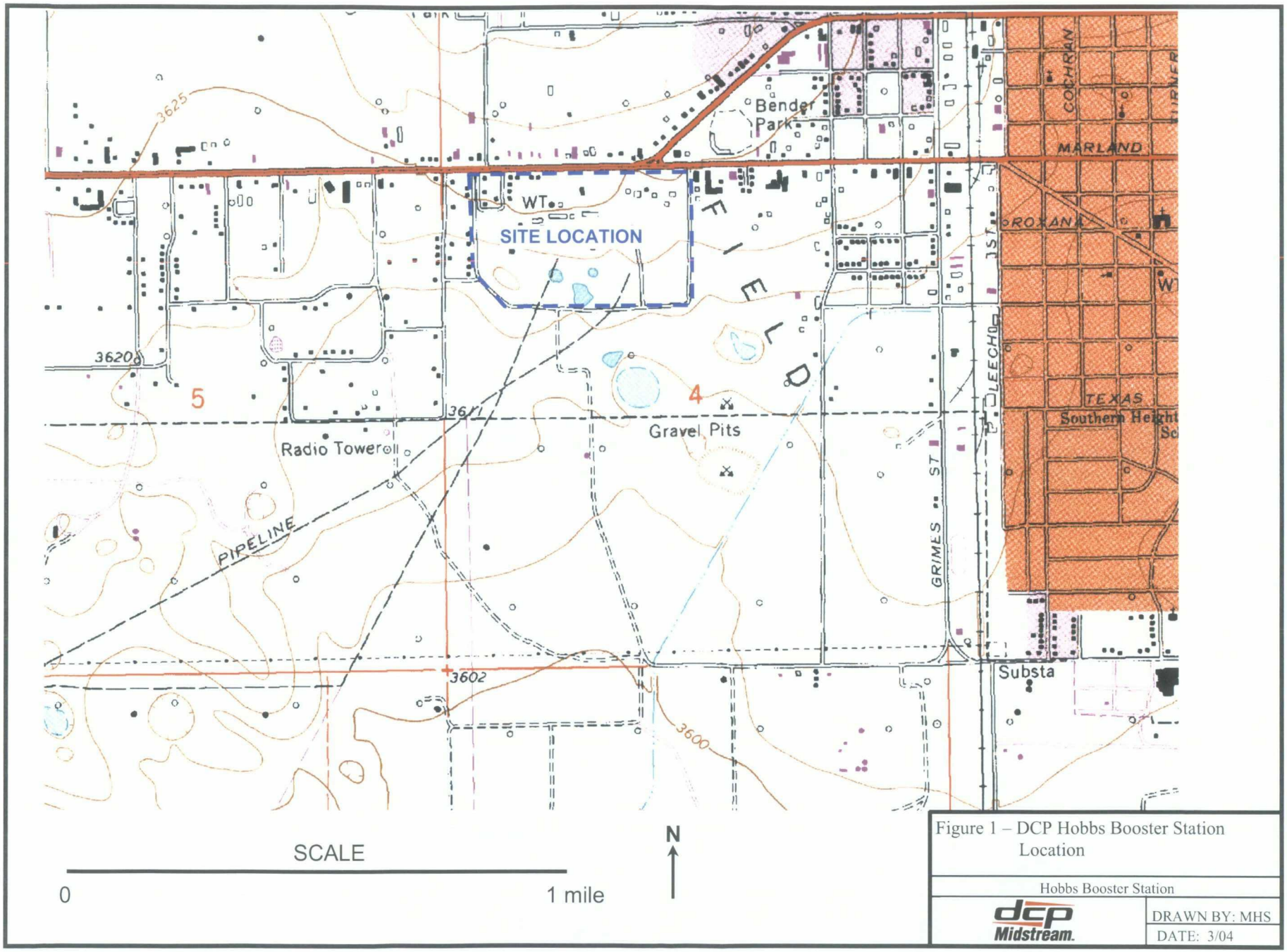


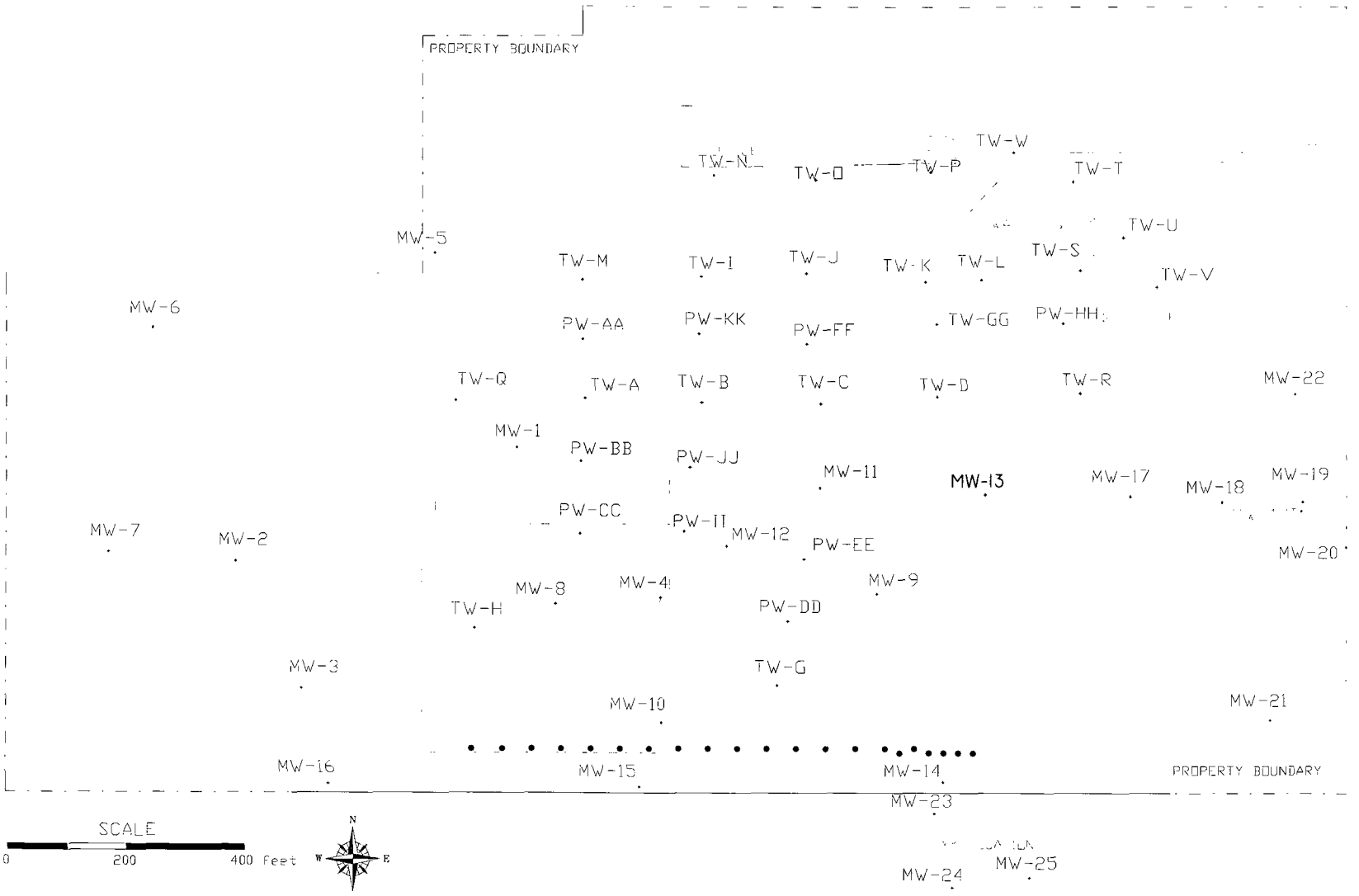
Figure 1 – DCP Hobbs Booster Station Location

Hobbs Booster Station

dcp Midstream.

DRAWN BY: MHS

DATE: 3/04



LEGEND

1. The black locations are monitoring wells.
2. The red locations are part of the free phase hydrocarbon collection system.
3. The magenta locations are air sparge points.

Figure 2 – Well Locations and Uses

Hobbs Booster Station

dcp Midstream.

DRAWN BY: MHS

DATE: 1/09

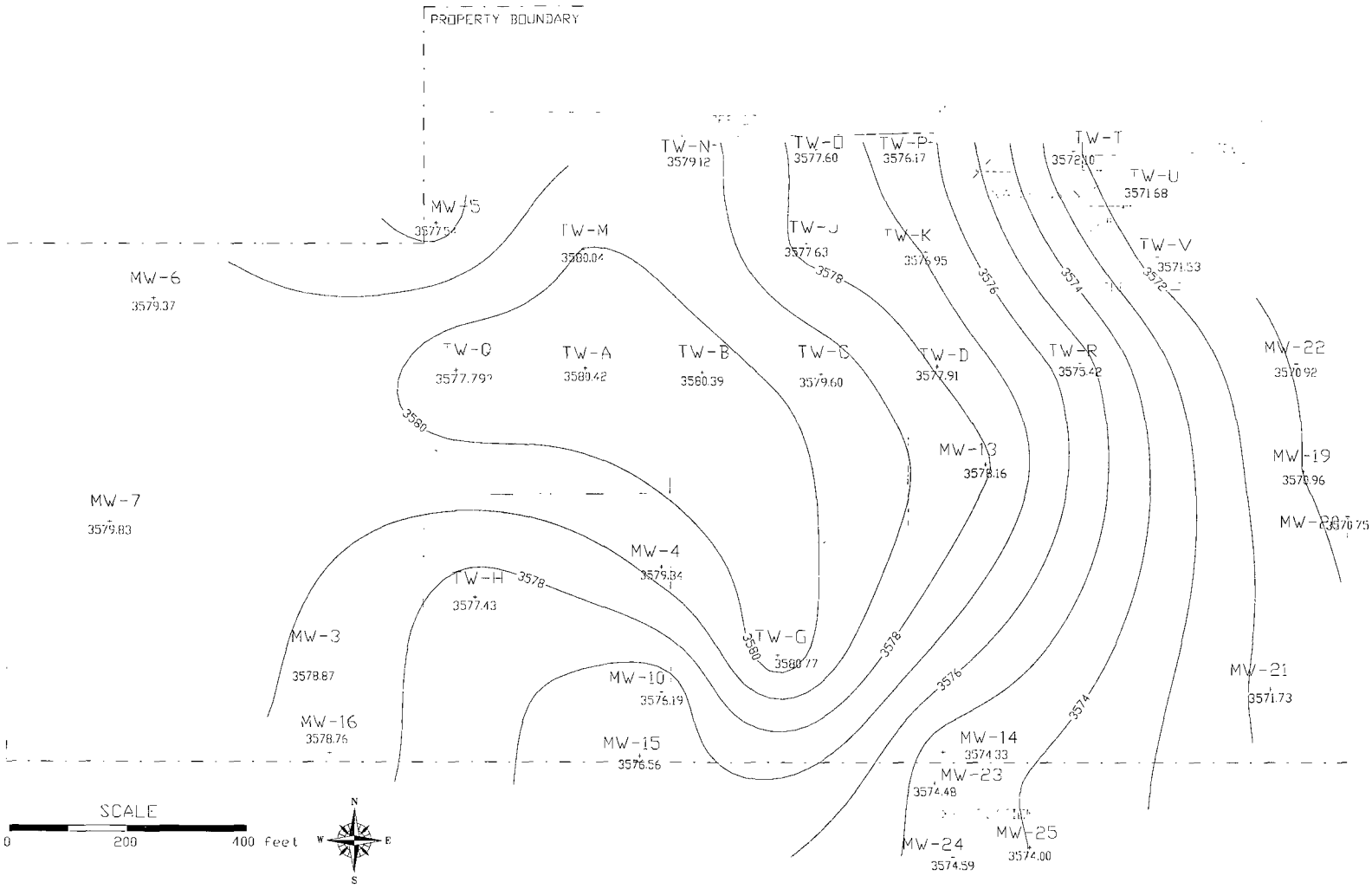
Figure 3 – Hydrographs for Select Monitoring Wells

Hobbs Booster Station

dcp Midstream.

DRAWN BY: MHS

DATE: 8/09



Contour interval is 1 foot

Figure 4 – Second Quarter 2009 Water Table Contour Map

Hobbs Booster Station

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DATE: 8/09

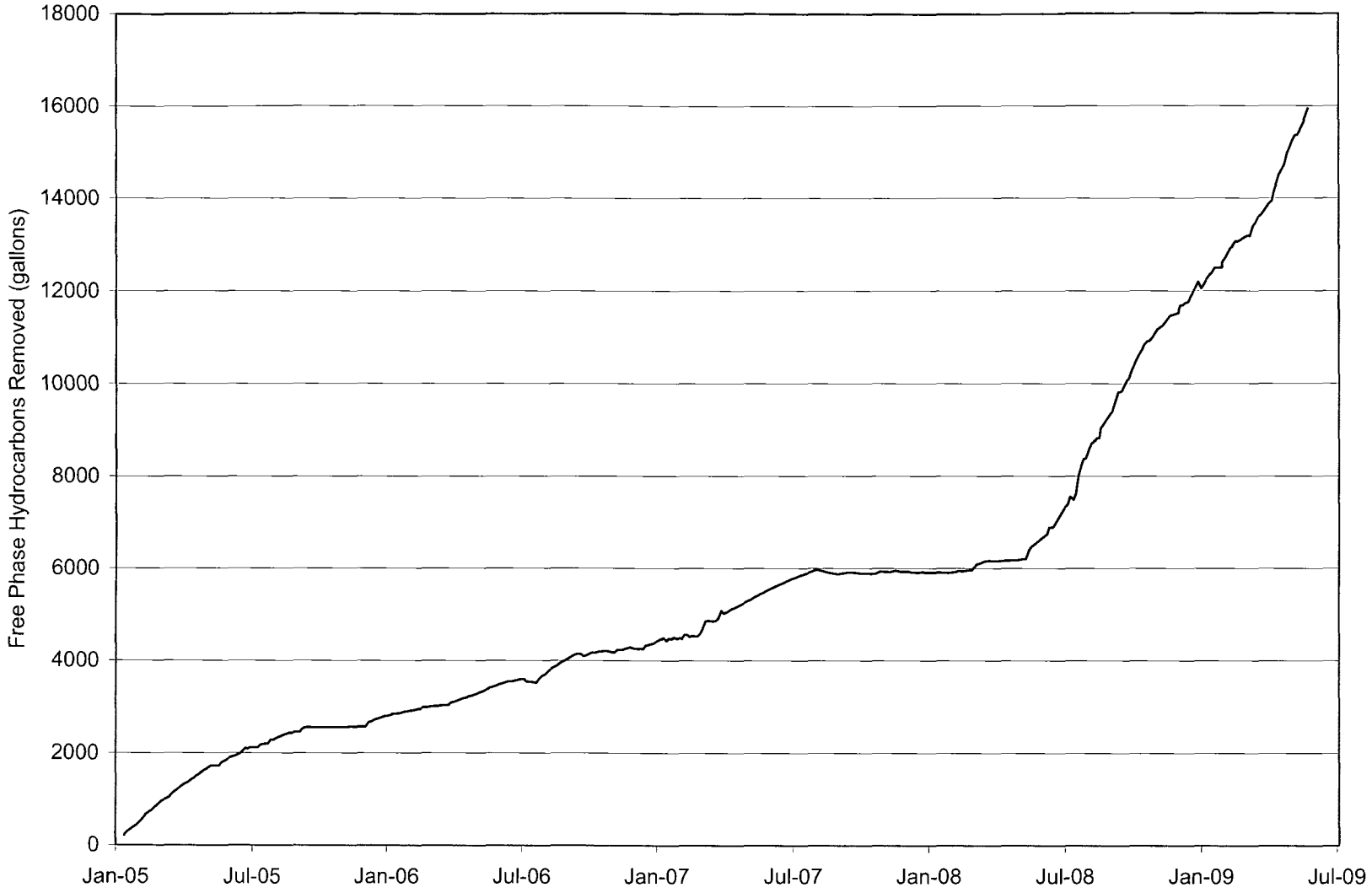

Figure 5 – Cumulative FPH Collection

Hobbs Booster Station

dcp Midstream

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DATE: 8/09

Units are mg/l

Figure 6 – Benzene Concentrations from May 2009 Sampling Event

Hobbs Booster Station

dcp Midstream.

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DATE: 8/09

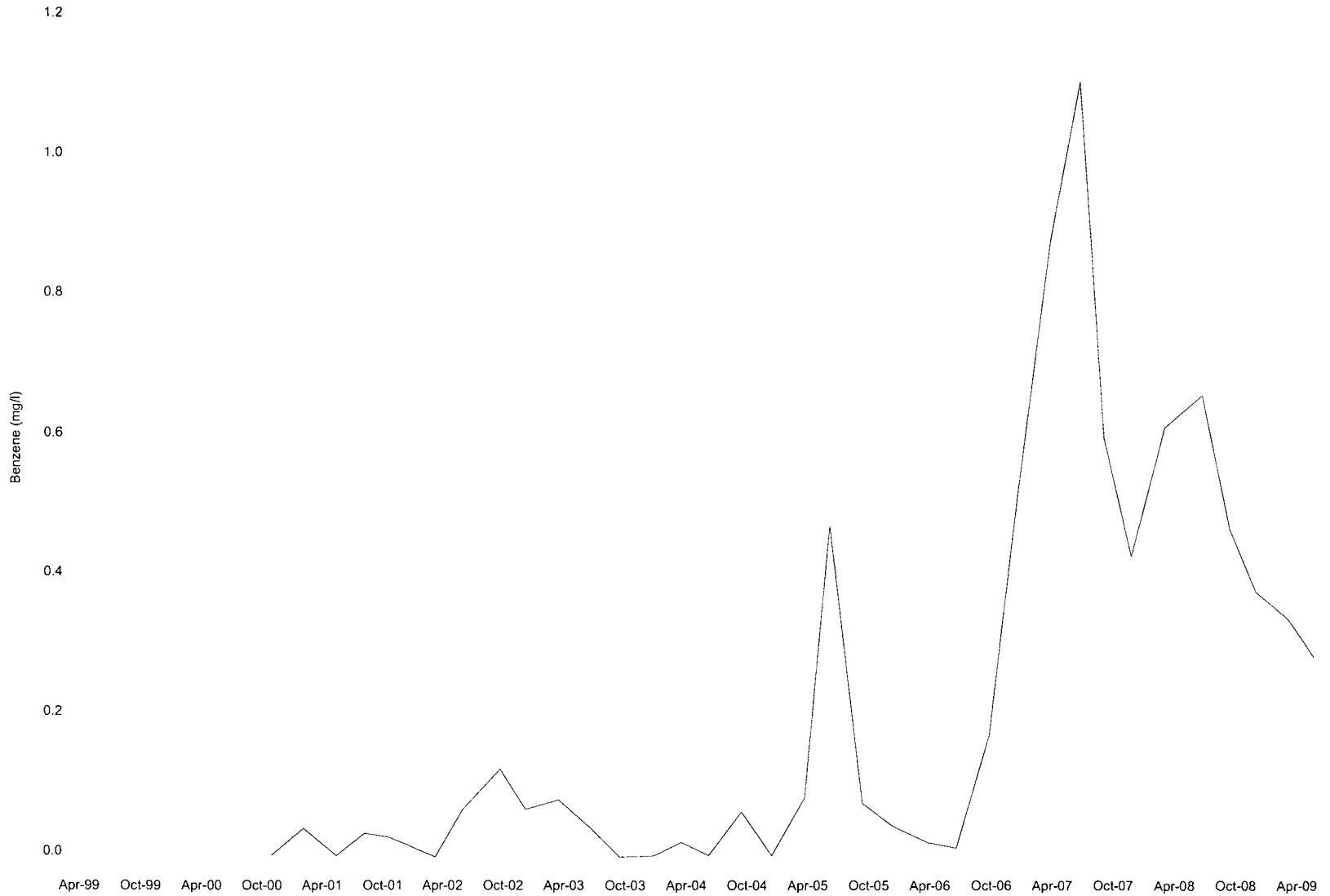

Figure 7 – Benzene Concentrations Verses Time in MW-14

Hobbs Booster Station

dcp Midstream.

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DATE: 8//09

ATTACHMENTS

DCP MIDSTREAM HOBBS BOOSTER STATION
SUMMARY OF CORRECTED GROUNDWATER ELEVATIONS AND FREE PHASE HYDROCARBON THICKNESS

DCP HOBBS BOOSTER STATION
CORRECTED GROUNDWATER ELEVATIONS FOR THE GROUNDWATER MONITORING WELLS

Well	Jul-99	May-00	Aug-00	Oct-00	Feb-01	May-01	Aug-01	Oct-01	Mar-02	Jun-02	Sep-02	Dec-02	Mar-03	Jun-03
MW-1	3580.50	3580.13	3580.19	3579.96	3579.89	3579.64	3579.65	3579.62	3579.00	3578.72	3578.55	3578.72	3578.46	3578.23
MW-2	3582.63	3582.04	3582.33	3581.95	3581.90	3581.67	3581.43	3581.33	3580.88	3580.65	3580.45	3580.81	3580.36	3580.16
MW-3	3582.25	3581.68	3582.05	3581.64	3581.57	3581.36	3581.11	3580.97	3580.48	3580.29	3580.11	3580.52	3580.06	3579.79
MW-4	3579.95	3579.27	3579.12	3579.00	3578.96	3578.82	3578.60	3578.39	3577.96	3577.77	3577.62	3577.87	3577.63	3577.24
MW-5	3581.01	3580.89	3580.66	3580.58	3580.59	3580.27	3580.68	3580.74	3579.81	3579.44	3579.32	3579.49	3579.16	3579.08
MW-6	3582.98	3582.61	3582.72	3582.45	3582.38	3582.15	3581.94	3581.94	3581.49	3581.17	3580.97	3581.16	3580.87	3580.74
MW-7		3582.90	3583.22	3582.83	3582.75	3582.52	3582.24	3582.18	3581.70	3581.49	3581.28	3581.66	3581.52	3580.98
MW-8		3579.93	3580.12	3579.84	3579.80	3579.79	3579.73	3579.26	3578.83	3578.64	3578.50	3578.77	3578.48	3578.15
MW-9		3577.62	3577.51	3577.46	3577.45	3577.31	3577.00	3576.81	3576.33	3576.21	3576.05	3576.30	3576.09	3575.58
MW-10		3579.43	3579.64	3579.28	3579.26	3579.08	3578.75	3578.51	3578.03	3577.99	3577.84	3578.15	3577.86	3577.34
MW-11		3577.90	3578.00	3577.66	3577.69	3577.52	3577.34	3577.16	3576.70	3576.48	3576.32	3576.52	3576.32	3575.92
MW-12				3578.58	3578.58	3578.18	3578.18	3577.96	3577.73	3577.53	3577.21	3577.53	3577.39	3576.93
MW-13				3576.41	3576.32	3576.29	3575.86	3575.81	3575.40	3575.23	3575.07	3575.25	3575.04	3574.62
MW-14				3577.51	3577.46	3577.35	3576.90	3576.56	3576.06	3576.26	3576.13	3576.42	3576.17	3575.39
MW-15				3579.57	3579.53	3579.36	3579.02	3578.70	3578.21	3578.32	3578.14	3578.54	3578.18	3577.59
MW-16				3581.50	3581.42	3581.21	3580.96	3580.79	3580.28	3580.14	3579.96	3580.43	3579.93	3579.62
MW-17				3575.36	3575.26	3575.15	3574.89	3574.68	3574.24	3574.07	3573.90	3574.09	3573.85	3573.44
MW-18				3574.66	3574.53	3574.43	3574.21	3573.98	3573.56	3573.38	3573.22	3573.42	3573.15	3572.76
MW-19				3573.97	3573.88	3573.79	3573.55	3573.32	3572.90	3572.74	3572.58	3572.78	3572.49	3572.12
MW-19d														
MW-20										3572.51	3572.36	3572.59	3572.28	3571.92
MW-21										3573.46	3573.32	3573.62	3573.28	3572.82
MW-22														3572.08

All units are feet.
Blank cell: Not measured generally because of operating FPH system in 2-inch well, or not installed.

DCP HOBBS BOOSTER STATION
CORRECTED GROUNDWATER ELEVATIONS FOR THE GROUNDWATER MONITORING WELLS (CONTINUED)

Well	Sep-03	Dec-03	Mar-04	Jun-04	Sep-04	Dec-04	Mar-05	Jun-05	Sep-05	Dec-05	Mar-06	Jun-06	Sep-06	Dec-06
MW-1	3577.87	3577.47	3577.17	3577.38	3577.26	3578.99	3579.60	3579.40	3579.38	3579.44	3578.83	3578.46	3578.95	3579.22
MW-2	3579.84	3579.55	3580.05	3579.61	3579.79	3581.69	3581.97	3581.63	3581.50	3581.61	3581.02	3580.60	3581.46	3581.54
MW-3	3579.46	3579.08	3578.87	3579.16	3579.05	3581.41	3581.69	3581.37	3581.27	3581.32	3580.71	3580.30	3581.23	3581.31
MW-4	3576.85	3576.46	3576.16	3576.52	3576.35	3581.36	3581.67	3581.45	3581.33	3581.40	3580.84		3581.03	3581.29
MW-5	3578.79	3578.38	3578.15	3578.15	3578.09	3579.60	3580.16	3580.00	3579.99	3580.06	3579.50	3579.18	3579.55	3579.84
MW-6	3580.42	3580.08	3579.92	3579.99	3580.02	3581.93	3582.24	3581.94	3581.78	3581.87	3581.40	3580.97	3581.73	3581.80
MW-7	3580.70	3580.34	3580.24	3580.42	3580.43	3582.75	3582.88	3582.56	3582.41	3582.46	3581.88	3581.48	3582.48	3582.43
MW-8	3577.77	3577.35	3577.08	3577.29	3577.14	3582.36	3582.72	3582.47	3582.39	3582.46	3581.88		3582.16	3582.30
MW-9	3575.19	3574.77	3574.47	3574.65	3574.47	3576.76	3577.02	3576.74	3576.68	3576.71	3576.08	3575.70	3576.46	3576.46
MW-10	3576.93	3576.48	3576.14	3576.43	3576.28	3578.64	3578.91	3578.64	3578.63	3578.64	3578.02	3577.61	3578.48	3578.53
MW-11	3575.56	3575.15	3574.87	3575.07	3574.87	3580.42	3580.86	3580.57	3580.51	3580.58	3579.94		3580.55	3580.33
MW-12	3576.63	3576.10	3575.98	3576.13	3575.83	3577.64	3578.22	3577.98	3577.93	3577.96	3577.39	3577.05	3577.62	3577.72
MW-13	3574.26	3573.70	3573.56	3573.77	3573.55	3578.44	3578.65	3578.39	3578.40	3578.39	3577.61		3578.24	3578.09
MW-14	3574.96	3574.49	3574.22	3574.48	3574.27	3576.74	3576.98	3576.69	3576.61	3576.64	3576.01	3575.61	3576.40	3576.51
MW-15	3577.16	3576.72	3576.39	3576.76	3576.60	3579.16	3579.31	3579.02	3579.07	3579.01	3578.37	3577.97	3578.74	3578.91
MW-16	3579.29	3578.90	3578.69	3579.04	3578.94	3581.49	3581.66	3581.35	3581.24	3581.28	3580.63	3580.24	3581.19	3581.27
MW-17	3573.15	3572.65	3572.39	3572.57	3572.39	3574.65	3574.72	3574.43	3574.41	3574.34	3573.71	3573.31	3574.37	3574.08
MW-18	3572.42	3572.01	3571.74	3571.93	3571.76	3574.01	3574.04	3573.74	3573.75	3573.66	3573.02	3572.63	3573.71	3573.65
MW-19	3571.78	3571.37	3571.12	3571.31	3571.15	3573.47	3573.38	3573.07	3573.09	3572.99	3572.33	3571.96	3573.05	3572.79
MW-19d	3571.55	3571.13	3570.88	3571.01	3570.86	3573.19	3573.11	3572.78	3572.81	3572.70	3572.03	3571.77	3572.74	3572.49
MW-20	3571.56	3571.15	3570.89	3571.11	3570.94	3573.31	3573.20	3572.88	3572.92	3572.80	3572.12	3572.85	3572.87	3572.60
MW-21	3572.44	3572.00	3571.72	3572.03	3571.82	3574.47	3574.35	3574.00	3574.05	3573.92	3573.24	3572.77	3574.06	3573.76
MW-22	3571.78	3571.39	3571.14	3571.29	3571.15	3573.22	3573.25	3572.97	3572.94	3572.85	3572.24	3578.46	3572.88	3572.65

All units are feet.

Blank cell: Not measured generally because of operating FPH system in 2-inch well, or not installed.

DCP HOBBS BOOSTER STATION
CORRECTED GROUNDWATER ELEVATIONS FOR THE GROUNDWATER MONITORING WELLS (CONTINUED)

Well	Mar-07	Jun-07	Sep-07	Nov-07	Mar-08	June-08	Sep-08	Dec-08	Mar-09	May-09
MW-1	3578.72	3578.55	3578.40	3578.95		3577.97	3577.73		3577.35	
MW-2	3580.96	3580.83	3580.61	3581.18		3579.91	3579.90	3579.75	3579.42	
MW-3	3580.70	3580.58	3580.39	3580.97		3579.85	3579.67	3579.62	3579.22	3578.87
MW-4	3580.78	3580.64	3580.58	3581.04						3579.34
MW-5	3579.42	3579.40	3579.00	3579.48		3578.63	3578.39		3578.03	3577.54
MW-6	3581.27	3581.10	3580.88	3581.41		3580.45	3580.20	3579.99	3579.89	3579.37
MW-7	3581.85	3581.75	3581.49	3582.02		3580.93	3580.82	3580.77	3580.32	3579.83
MW-8	3581.77									
MW-9	3575.99	3575.92	3575.88	3576.40		3575.31	3578.56	3575.08	3574.65	
MW-10	3577.95	3577.83	3577.83	3578.35		3577.29		3576.99	3576.57	3576.19
MW-11	3579.87	3579.80	3579.73	3580.20						
MW-12	3577.30	3577.17	3577.11	3577.47		3576.48	3576.30	3576.24	3575.89	
MW-13	3577.70	3577.59	3577.64	3578.16	3,579.13	3578.30	3578.05	3578.08	3577.66	3578.16
MW-14	3575.94	3575.85	3575.87	3576.52	3,575.81	3575.41	3575.07	3575.10	3575.08	3574.33
MW-15	3578.32	3578.22	3578.29	3578.73	3,578.11	3577.54	3577.41	3577.36	3576.93	3576.56
MW-16	3580.64	3580.52	3580.33	3580.93	3,580.29	3579.75	3579.59	3579.54	3579.17	3578.76
MW-17	3573.73	3573.65	3573.69	3574.00		3573.06	3573.82	3572.90	3572.30	
MW-18	3572.97	3573.00	3573.01	3573.58		3572.45	3572.69	3572.30	3571.77	
MW-19	3572.31	3572.36	3572.37	3572.89	3,572.28	3571.83	3572.07	3571.75	3571.20	3570.96
MW-19d	3572.00	3572.06	3572.08	3572.62		3571.53	3571.77	3571.49	3570.93	
MW-20	3572.07	3572.14	3572.17	3572.71	3,572.02	3571.62	3571.81	3571.71	3571.01	3570.75
MW-21	3573.23	3573.25	3573.26	3573.84	3,573.12	3572.62	3572.76	3572.62	3572.03	3571.73
MW-22	3572.20	3572.27	3572.32	3572.88	3,572.23	3571.90	3572.14	3571.72	3571.16	3570.92
MW-23					3,575.93	3575.46	3575.22	3575.27	3574.42	3574.48
MW-24					3,575.95	3576.05	3575.29	3575.37	3574.94	3574.59
MW-25					3,575.35	3574.93	3574.66	3574.76	3574.32	3574.00

All units are feet:
Blank cell: Not measured generally because of operating FPH system in 2-inch well, or not installed.

DCP HOBBS BOOSTER STATION
CORRECTED GROUNDWATER ELEVATIONS FOR THE FPH CHARACTERIZATION WELLS

Well	Jun-02	Sep-02	Dec-02	Mar-03	Jun-03	Sep-03	Dec-03	Mar-04	Jun-04	Sep-04	Dec-04	Mar-05	Jun-05	Sep-05
TW-A	3578.32	3578.12	3578.25	3578.04	3577.88	3577.49	3577.09	3576.83	3576.85	3576.79	3581.32	3582.07	3581.86	3581.87
TW-B	3577.45	3577.28	3577.42	3577.25	3577.01	3576.62	3576.23	3575.96	3576.05	3575.88	3581.06	3581.74	3581.52	3581.54
TW-C	3576.49	3576.37	3576.50	3576.35	3575.85	3575.38	3575.24	3574.80	3574.86	3574.72	3579.67	3580.39	3580.16	3580.20
TW-D	3575.85	3576.12	3576.15	3576.09	3575.78	3575.43	3575.02	3574.80	3575.00	3573.72	3578.49	3578.52	3578.27	3578.33
TW-G	3577.40	3577.23	3577.49	3577.29	3576.60	3576.30	3575.88	3575.59	3575.84	3575.68	3581.53	3581.81	3581.53	3581.54
TW-H	3579.15	3578.99	3614.41	3578.96	3578.67	3578.27	3577.88	3577.59	3577.82	3577.70	3579.75	3580.13	3579.98	3579.86
TW-I	3577.52	3577.38	3577.40	3577.27	3577.10	3576.79	3576.40	3576.17	3576.19	3576.07	3580.64	3580.82	3580.68	3580.69
TW-J	3576.50	3576.43	3576.45	3576.30	3576.07	3575.75	3575.38	3575.13	3575.21	3575.05	3579.72	3579.93	3579.58	3579.70
TW-K	3575.45	3575.51	3575.57	3575.28	3575.12	3574.79	3574.40	3574.15	3574.23	3574.06	3575.77	3576.04	3576.65	3575.79
TW-L	3574.96	3575.07	3575.16	3574.98	3574.69	3574.37	3574.02	3573.74	3573.84	3573.37	3578.28	3578.44	3578.21	3578.33
TW-M		3578.32	3578.40	3578.17	3578.04	3577.70	3577.30	3577.03	3577.04	3576.93	3581.92	3582.33	3582.16	3582.16
TW-N		3577.22	3577.13	3576.99	3576.88	3576.56	3576.18	3575.91	3575.90	3575.79	3577.15	3577.69	3577.58	3577.68
TW-O		3576.31	3576.25	3576.12	3575.95	3575.60	3575.26	3574.98	3574.99	3574.87	3579.57	3579.96	3579.77	3579.76
TW-P		3575.20	3575.21	3575.08	3574.86	3574.56	3574.20	3573.94	3574.01	3573.82	3578.67	3578.70	3578.59	3578.66
TW-Q		3579.12	3618.98	3579.04	3578.89	3578.56	3578.19	3577.91	3577.99	3577.90	3579.58	3580.19	3582.98	3582.89
TW-R		3574.17	3574.36	3574.22	3573.96	3573.63	3573.22	3572.95	3573.07	3572.64				3577.73
TW-S		3573.90	3618.71	3573.76	3573.47	3573.13	3572.87	3572.79	3572.93	3572.73	3577.50	3577.81	3577.86	3577.54
TW-T									3572.57	3572.42	3574.07	3574.32	3577.58	3574.04
TW-U									3572.28	3572.13	3573.88	3574.10	3574.15	3573.77
TW-V									3572.11	3571.97	3573.83	3574.00	3573.89	3573.67
TW-W									3573.07	3572.93	3574.50	3574.80	3573.76	3574.54

All units are feet:
Blank cell: Not measured generally because of operating FPH system in 2-inch well, or not installed.

DCP HOBBS BOOSTER STATION
CORRECTED GROUNDWATER ELEVATIONS FOR THE FPH CHARACTERIZATION WELLS (CONTINUED)

Well	Dec-05	Mar-06	Jun-06	Sep-06	Dec-06	Mar-07	Jun-07	Sep-07	Nov-07	Mar-08	June-08	Sep-08	Dec-08	Mar-09	5/26/09
TW-A	3581.92	3581.26	NM	3581.39	3581.67	3581.21	3581.04	3580.92	3581.37		3581.32	3580.25	3580.93	3580.42	3580.42
TW-B	3581.57	3580.91	NM	3581.08	3581.30	3580.84	3580.70	3580.61	3581.12		3581.76	3581.49	3581.07	3580.71	3580.39
TW-C	3580.20	3579.37	NM	3576.80	3576.92	3576.43	3576.35	3626.85			3579.89	3579.53	3579.44	3579.57	3579.60
TW-D	3578.41	3577.71	NM	3578.26	3578.27	3577.49	3577.50	3577.84	3578.17	3,578.99	3578.02	3577.63	3577.87	3577.90	3577.91
TW-G	3581.77	3580.88	NM	3581.33	3581.34	3580.85	3580.72	3580.74	3581.30	3,581.44	3580.80	3580.58	3580.03	3579.14	3580.77
TW-H	3579.98	3579.37	3578.99	3579.65	3579.87	3579.31	3579.16	3579.01	3579.58		3578.58	3578.28	3578.24	3575.26	3577.43
TW-I	3580.72	3580.20	NM	3578.24	3580.65	3580.16	3586.54	3580.01	3580.12						
TW-J	3579.88	3579.20	NM	3578.28	3579.30	3579.14	3585.85	3579.08	3579.02						3577.63
TW-K	3575.83	3575.27	3574.89	3575.51	3575.47	3575.11	3579.56	3575.07	3575.48		3574.62	3575.18	3574.33	3573.98	3566.95
TW-L	3578.48	3577.85	NM	3574.44	3578.05	3577.64	3578.90	3577.83	3578.12	3,577.38					
TW-M	3582.39	3581.79	NM	3582.57	3582.07	3581.64	3575.73	3581.32	3582.04						3580.04
TW-N	3577.70	3577.07	3576.77	3577.08	3577.34	3576.90	3580.87	3580.45			3580.07	3579.92		3579.42	3579.12
TW-O	3580.03	3579.41	NM	3574.48	3579.67	3579.28	3583.44	3579.13	3579.60						3577.60
TW-P	3578.67	3578.00	NM	3578.73	3578.91	3578.05	3578.23	3578.06	3578.12						3576.17
TW-Q	3583.00	3582.42	3582.05	3582.55	3582.81	3582.32	3579.15	3578.98	3579.20		3581.64	3581.27	3581.50	3577.96	3580.77
TW-R	3577.72	3577.17	NM	3577.99	3577.61	3577.19	3577.17	3577.55	3577.62	3,577.42					3575.42
TW-S	3577.63	3577.03	NM	3577.46	3577.40	3576.98	3577.01	3577.18	3578.37						
TW-T	3574.06	3573.46	3573.12	3573.86	3573.69	3573.38	3573.59	3573.69	3574.19		3573.39	3573.58	3573.03	3572.47	3572.10
TW-U	3573.79	3573.19	3572.84	3573.66	3573.54	3573.13	3573.20	3573.30	3573.84		3573.06	3573.25	3572.59	3572.06	3571.68
TW-V	3573.65	3573.05	3572.69	3573.58	3573.43	3573.00	3573.07	3572.98	3573.74		3572.81	3573.00	3572.45	3571.95	3571.53
TW-W	3574.57	3573.99	3573.65	3574.30	3574.28	3573.87	3573.86	3573.93	3574.39		3573.59	3573.72	3572.94	3572.82	

All units are feet.

Blank cell: Not measured generally because of operating FPH system in 2-inch well, or not installed.

DCP HOBBS BOOSTER STATION
FREE PHASE HYDROCARBON THICKNESS MEASUREMENTS

Wells	Jul-99	May-00	Aug-00	Oct-00	Feb-01	May-01	Aug-01	Oct-01	Mar-02	Jun-02	Jul-02	Aug-02	Sep-02	Dec-02
MW-1						0.01	0.01	<0.01	0	0.02	0.29	0.35	0.55	1.67
MW-2										0.00	0.00	0.00	0.00	0.00
MW-4*	3.26	2.68	3.49	2.68	2.92	2.82	2.60	2.64	2.62	2.86	3.38	3.36	3.11	3.39
MW-8*			0.00	0.00	0.00	0.27	0.40	0.06	0.72	1.88	2.50	2.53	2.47	2.66
MW-9					0.01		0.00	0.01	0.15	0.01	0.01	0.52	0.46	0.88
MW-10		0.01	0.00	0.00	0.02	0.02		0.01	0.02	0.00	0.00	0.00	0.00	0.00
MW-11*		1.18	4.10	4.45	5.42	5.47	5.97	6.26	7	3.09	6.57	7.21	7.45	7.41
MW-12				0.08	1.05	0.96	2.04	1.71	2.79	2.79	2.83	2.81	2.70	3.10
MW-13*				0.17	0.76	0.84	5.22	5.69	7.62	7.37	8.59	8.62	8.42	8.88
MW-17				0.01	0.02	0.01	0.03		0.03	0.01	0.64	0.06	0.11	0.18
MW-18								0.01	0	0.00	0.00	0.00	0.00	0.00
TW-A*										1.15	2.70	3.41	3.67	3.96
TW-B*										5.24	5.28	5.22	5.17	5.48
TW-C*										9.84	10.52	10.6	10.58	11.58
TW-D*										8.00	8.51	8.45	8.49	8.51
TW-G*										2.29	NM	1.84	1.75	2.09
TW-I*										3.60	3.75	3.74	3.85	4.21
TW-J*										1.28	5.39	6.01	6.16	6.54
TW-K										5.95	8.00	7.91	7.76	7.80
TW-L*										5.34	7.91	7.88	7.79	8.05
TW-M*										0.00	0.15	0.20	0.01	0.45
TW-N										0.00	0.02	0.00	0.01	0.03
TW-O*										0.00	0.06	0.04	0.06	0.08
TW-P*										0.00	0.00	1.33	2.53	4.21
TW-R										1.50	0.03	1.65	2.65	4.31

All units are feet:
Blank cell: Not measured generally because of operating FPH system in 2-inch well, or not installed.
Wells highlighted with an asterisk (*) are part of the free phase hydrocarbon collection system.

DCP HOBBS BOOSTER STATION
FREE PHASE HYDROCARBON THICKNESS MEASUREMENTS (CONTINUED)

Wells	Mar-03	Jun-03	Sep-03	Dec-03	Mar-04	Jun-04	Sep-04	Dec-04	Mar-05	Jun-05	Sep-05	Dec-05	Mar-06
MW-1	2.15	2.36	0.79	2.79	2.81	0.58	0.85	0.10	0.00	0.01	0.00	0.02	0.06
MW-2	0.00	0.00	1.08		3.04	1.05	3	0.00	0.00	0.00	0.00	0.00	0.00
MW-4*	3.40	3.43	3.46	3.5	3.08	3.16	3.28	1.44	0.93	1.28	1.3	1.05	1.21
MW-8*	2.56	2.53	2.55	2.68	2.49	2.57	2.53	1.07	0.67	0.84	0.62	0.94	1.30
MW-9	1.21	1.19	1.29	1.38	1.37	0.86	1.13	1.74	1.74	2.00	2.12	2.28	2.79
MW-10	0.02	0.02	0.04	0.01	0.00	0.00	0.0	0.00	0.00	0.00	0.02	0.00	0.00
MW-11*	7.91	10.38	11.52	12.17	11.36	11.41	11.59	7.84	0.01	0.04	0.02	1.10	2.22
MW-12	3.33	3.51	3.93	4.32	3.90	4.24	4.44	1.8	1.75	1.91	1.99	1.84	2.31
MW-13*	8.69	8.46	9.02	8.09	8.15	8.27	6.39	7.94	0.03	0.16	0.34	3.30	3.31
MW-17	0.24	0.02	0.31	0.33	0.22	0.34	0.37	0.19	0.22	0.32	0.26	0.37	0.46
MW-18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00
TW-A*	3.93	3.93	3.99	4.09	3.89	3.79	3.74	1.98	0.06	0.17	0.18	0.06	0.34
TW-B*	5.59	5.94	6.34	6.7	6.48	6.66	6.72	3.95	0.27	0.36	0.72	2.53	1.69
TW-C*	2.66	2.43	12.28	0.56	11.96	12.11	11.95	6.79	0.06	0.19	0.27	0.39	0.46
TW-D*	8.11	7.70	7.17	6.91	7.22	6.30	0.34	7.93	0.25	0.45	2.00	5.90	7.08
TW-G*	0.49	3.44	3.77	3.67	4.01	3.73	3.93	0.78	0.29	0.41	0.86	0.55	1.29
TW-I*	4.37	4.82	5.48	5.85	5.47	5.81	5.95	2.90	0.67	2.66	2.16	2.10	2.96
TW-J*	6.90	7.74	8.44	8.87	8.19	8.18	8.32	3.69	0.01	0.01	0.02	0.03	0.03
TW-K	8.25	8.50	8.62	8.76	8.47	8.54	8.45	6.06	5.63	6.76	5.95	5.86	6.76
TW-L*	8.09	8.23	8.30	8.39	8.19	8.24	5.59	5.41	0.19	0.28	3.43	5.03	5.42
TW-M*	0.54	0.63	0.65	0.7	0.60	0.66	0.7	0.28	0.00	0.00	0.00	0.00	0.09
TW-N	0.01	0.02	0.04	0.05	0.04	0.05	0.0	0.02	0.02	0.01	0.02	0.02	0.02
TW-O*	0.05	0.00	0.40	0.53	0.52	0.59	0.64	0.40	0.00	0.00	0.00	0.00	0.00
TW-P*	4.91	5.42	5.90	6.36	6.46	6.65	6.42	4.15	0.32	0.01	1.74	3.08	2.97
TW-R	5.74	6.59	6.46	6.36	6.35	5.39	0.12	0.00	0.02	0.01	0.20	0.16	0.88
TW-S			1.82	5.15	5.31	5.51	5.22	3.17	0.01	0.01	0.03	0.35	2.06
RW-1							3.27	1.51	1.22	1.44	1.44	1.44	1.81
AA							0.08	2.19	0.56	0.95	0.95	0.21	0.38
BB							1.52	1.36				0.04	0.19
CC							1.03	1.25	0.13	0.28	0.28	1.54	1.35
DD							4.47	1.95	0.07	0.20	0.20	2.23	2.13
EE							5.01	3.51		0.77	0.77	2.84	2.91
FF							4.51	7.97	0.07	0.48	0.48	6.40	6.03
GG							2.7	6.97	0.27	0.69	0.69	5.17	4.99
HH							1.13	5.26	0.02	0.16	0.16	2.10	1.66
II							0.11	1.42					0.02
JJ							4.59		0.21	0.03	0.03	0.07	0.06
KK							6.08	2.80	0.22	0.29	0.29	3.30	3.35

All units are feet:
Blank cell: Not measured generally because of operating FPH system in 2-inch well, or not installed.
Wells highlighted with an asterisk (*) are part of the free phase hydrocarbon collection system.

DCP HOBBS BOOSTER STATION
FREE PHASE HYDROCARBON THICKNESS MEASUREMENTS (CONTINUED)

Wells	Jun-06	Sep-06	Dec-06	Mar-07	Jun-07	Sep-07	Nov-07	Mar-08	June-08	Sep-08	Dec-08	Mar-09	May-09
MW-1	0.1	0.0	0.0	0.04	0.07	0.07	0.00		0.15	0.13		0.31	
MW-2	0.01	0.0	0.0	0.00	0.00	0.00	0.00		0.00	0.00		0.01	
MW-4*		1.68	1.53	1.78	1.94	2.07	1.44						5.03
MW-8*		0.93	0.65	1.10	0.00		0.00						
MW-9	3.21	2.81	2.90	3.35	3.58	3.66	1.37		2.67	3.03	2.77	2.86	
MW-10	0.0	0.0	0.0	0.00	0.00	0.00	0.00		0	0			
MW-11*		5.41	3.60	0.61	0.66	5.85	4.71						
MW-12	2.69	1.98	1.88	2.17	2.22	2.31	1.78		2.92	3.09	3.18	3.76	
MW-13*		4.57	1.62	0.13	0.25	2.38	1.26	5.11	3.9	5.74	6.10	3.15	10.15
MW-17	0.5	0.00	0.42	0.01	0.47	0.48	1.5		0.65	0.00	0.72	1.12	
MW-18	0.0	0.00	0.31	0.00	0.00	Sheen	0.00		0.00	0.00			
TW-A*		0.01	0.03	0.07	0.03	0.08	0.00		0.00	0.02	0.86	0.62	4.69
TW-B*		2.06	1.57	0.36	0.54	3.2	3.36		3.36	0.25	7.84	3.55	8.24
TW-C*		0.43	9.94	11.02	11.09		8.57		0.42	0.70	2.23	0.52	5.33
TW-D*		7.86	7.86	0.92	0.70	7.3	5.43	2.66	2.85	1.56	4.53	7.17	2.14
TW-G*		1.01	0.61	0.25	0.00	1.61	0.74	1.00	1.83	0.84	0.90	0.45	1.57
TW-I*		0.0	2.03	0.14	0.36	3.04	2.89						
TW-J*		0.0	1.16	1.57	1.82	1.96	2.11						2.13
TW-K	7.39	6.53	6.37	6.81	6.90	6.85	6.43		7.64	4.51	7.84	8.39	8.27
TW-L*		0.0	4.31	0.60	1.09	5.89	5.01	6.21					
TW-M*		0.0	0.0	0.00	0.00	Sheen	0.00						0.00
TW-N	0.03	0.02	0.01	0.01	0.01	0.03	0.00		0.03	0.01		0.01	
TW-O*		0.0	0.0	0.0	0.00	0.00	0.00						0.12
TW-P*		0.0	0.12	4.95	5.07	5.04	4.45						0.89
TW-R		3.51	4.82	1.79	0.67	3.24	0.52	4.41					5.55
TW-S		2.94	2.93	0.62	1.09	5.31	0.68						
RW-1		1.76	1.67	2.08	2.28	2.41	0.00				3.47		
AA		0.19	0.73	1.38	0.06	0.14	0.56		1.35	5.95	1.10	0.76	0.24
BB		0.18	0.12	0.31	0.00		0.00		0	0.12	0.02	2.25	3.6
CC		1.38	1.25	0.68	0.82	2.43	1.89		7.13	5.75	5.12	4.23	5.13
DD		1.79	1.82	0.24	0.41	2.46	1.06		0.47	0.51	1.71	2.67	0.66
EE		3.45	3.27	0.62	1.98	4.07	3.26		0.95	0.11	1.76	4.37	0.76
FF		2.62	6.55	7.29	0.88	5.99	4.87		1.1	0.40	5.31	4.27	2.38
GG		7.58	7.66	7.57	7.94	4.25	5.11		1.83	7.48	10.26	10.4	10.77
HH		1.52	1.78	0.54	0.03	0.81	1.46		3.02	7.97	1.57	0.43	
II		0.17	0.15	0.37	0.25	0.28	0.42		7.53	5.91	5.47	5.52	6.67
JJ		0.27	0.10	0.07	0.11	0.31	0.69		4.28	3.49	1.34	5.71	6.55
KK			2.93	0.42	0.79	3.5	2.89		3.13	0.99	0.83	0.50	0.80

All units are feet.
Blank cell: Not measured generally because of operating FPH system in 2-inch well, or not installed.
Wells highlighted with an asterisk (*) are part of the free phase hydrocarbon collection system.

DCP MIDSTREAM HOBBS BOOSTER STATION
SUMMARY OF DISSOLVED PHASE BTEX CONCENTRATIONS

DCP HOBBS BOOSTER STATION
SUMMARY OF BENZENE CONCENTRATIONS IN GROUNDWATER

Well	Jul-99	May-00	Aug-00	Oct-00	Feb-01	May-01	Aug-01	Oct-01	Mar-02	Jun-02	Sep-02	Dec-02	Mar-03	Jun-03	Sep-03	Dec-03	Jan-04	Jan-04	Mar-04	Jun-04
MW-1	0.232	0.191	0.181	0.197	0.570			0.144												
MW-2	0.934	1.330	1.420	1.020	2.110	0.848	1.760	1.3	0.712					0.277						
MW-3	0.262	0.202	0.011	<.005	0.346	<.001	0.345	0.029	<0.001	0.009				<0.001						<0.001
MW-4																				
MW-5	<.005	<.005	<.005	<.005	<.005	<.001	<.001	<0.001	<0.001	<0.001				<0.001						<0.001
MW-6	<.005	<.005	<.005	<.005	<.005	<.001	<.001	<0.001	<0.001	<0.005				<0.001						<0.001
MW-7		<.005	<.005	<.005	<.005	<.001	<.001	<0.001	<0.001	0.0039				<0.001						
MW-8		0.824			0.950	0.294	1.230													
MW-9		0.702																		
MW-10				0.535				1.13						1.030						0.676
MW-14				<.005	0.041	0.002	0.034	0.029	<0.001	0.068	0.126	0.0685	0.0820	0.0414	<0.001	<0.005			0.0212	<0.005
MW-15				<.005	0.237	0.003	0.353	0.317	<0.001	0.358	<0.005	<0.005	<0.005	0.352	<0.005	<0.001			0.0203	<0.005
MW-16				<.005	0.094	0.01	0.098	0.012	<0.001	<0.005	0.0363	0.0042	<0.001	<0.001	<0.001	0.0013			<0.005	0.0036
MW-17							0.04	0.076												
MW-18				<.005	<.005	0.004	0.007	0.036	<0.001					<0.005						0.0108
MW-19				<.005	<.005	0.001	<.005	0.035	<0.001	<0.001	<0.005	<0.001	<0.005	<0.001	<0.001	<0.001			<0.001	<0.001
MW-19D														<0.001	<0.001	0.0338	0.030	<0.005	<0.001	<0.001
MW-20											<0.001	<0.001	<0.005	<0.001	<0.001	<0.001			<0.001	<0.001
MW-21											<0.001	<0.001	<0.001	<0.001	<0.001	<0.001			<0.001	<0.001
MW-22														<0.001	<0.001	0.0249	0.001		0.0169	<0.001

All units mg/l;
Blank cells: Sample not collected;
Duplicate samples averaged Wells MW-11, MW-12, MW-13 not shown because they always contained free phase hydrocarbons
J: Estimated concentration that falls between the method detection limit and the method reporting limit

DCP HOBBS BOOSTER STATION
SUMMARY OF BENZENE CONCENTRATIONS IN GROUNDWATER (continued)

Well	Sep-04	Dec-04	Mar-05	Jun-05	Sep-05	Dec-05	Mar-06	Jun-06	Sep-06	Dec-06	Mar-07	Jun-07	Sep-07	Nov-07	Mar-08	Jun-08	Sep-08
MW-1					0.0169												
MW-2					0.118			0.534									
MW-3					0.0025			0.0018				0.0012					0.00065 J
MW-4																	
MW-5					<0.002			<0.002				<0.002					<0.002
MW-6					<0.002			<0.002				<0.002					<0.002
MW-7								<0.002				<0.002					
MW-8																	
MW-9																	
MW-10								0.615				0.42					0.114
MW-14	0.0648	0.0024	0.0852	0.475	<0.0784	0.0443	0.0223	0.0135	0.182	0.516	0.882	1.11	0.60	0.448	0.615	0.661	0.47
MW-15	<0.005	<0.002	<0.001	<0.001	<0.002	<0.002	<0.002	<0.002	0.002	<0.002	0.0012J	0.00042 J	<0.002	<0.0012	<0.002	<0.002	0.0024
MW-16	0.0064	<0.002	<0.001	<0.001	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	0.00043J	<0.002	<0.002	<0.0012	<0.002	<0.002	<0.002
MW-17																	
MW-18								0.0134				0.0214					
MW-19	<0.001	<0.002	0.0019	0.0012	<0.002	<0.002	<0.002	<0.002	<0.002	0.0007J	0.00075J	0.00071 J	0.00053J	0.00054 J	0.00054J	<0.002	<0.002
MW-19D	<0.001	<0.002	0.00073J	0.0011	<0.002	<0.002	<0.002	0.0011	<0.002	0.0018J	0.00070J	0.00074 J	0.00072J	0.00093 J	0.001J	0.0016J	0.0014 J
MW-20	<0.005	<0.002	<0.001	<0.001	<0.002	<0.002	<0.002	<0.002	<0.002	0.00028J	<0.002	0.00033 J	<0.002	<0.00023	<0.002	<0.002	<0.002
MW-21	<0.001	<0.002	<0.001	<0.001	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.00023	<0.002	<0.002	<0.002
MW-22	0.0091	<0.002	0.0013	<0.001	0.0066	0.0059	0.006	0.0034	<0.002	0.00089J	0.00067J	0.00076 J	<0.002	0.001 J	0.0015J	0.0025	0.0072
MW-23															0.00075J	0.0027	0.0021
MW-24															0.0042	<0.002	<0.002
MW-25															0.0012J	<0.002	<0.002

All units mg/l:
Blank cells: Sample not collected:
Duplicate samples averaged Wells MW-11, MW-12, MW-13 not shown because they always contained free phase hydrocarbons
J: Estimated concentration that falls between the method detection limit and the method reporting limit

DCP HOBBS BOOSTER STATION
SUMMARY OF BENZENE CONCENTRATIONS IN GROUNDWATER (continued)

Well	Dec-08	Mar-09	May-09
MW-1			
MW-2			
MW-3			
MW-4			
MW-5			
MW-6			
MW-7		<0.002	
MW-8			
MW-9			
MW-10			
MW-14	0.38	0.338	0.287
MW-15	<0.002	<0.002	0.0024
MW-16	<0.002	<0.002	<0.002
MW-17			
MW-18	0.0216		
MW-19	<0.002	<0.002	<0.002
MW-19D	0.0016J	<0.002	0.00074J
MW-20	<0.002	<0.002	<0.002
MW-21	<0.002	<0.002	<0.002
MW-22	0.0064	0.0048	0.0046
MW-23	<0.002	0.00049J	<0.002
MW-24	<0.002	<0.002	<0.002
MW-25	<0.002	<0.002	<0.002

All units mg/l:
Blank cells: Sample not collected:
Duplicate samples averaged Wells MW-11, MW-12, MW-13 not shown because they always contained free phase hydrocarbons
J: Estimated concentration that falls between the method detection limit and the method reporting limit

DCP HOBBS BOOSTER STATION
SUMMARY OF TOLUENE CONCENTRATIONS IN GROUNDWATER

Well	Jul-99	May-00	Aug-00	Oct-00	Feb-01	May-01	Aug-01	Oct-01	Mar-02	Jun-02	Sep-02	Dec-02	Mar-03	Jun-03	Sep-03	Dec-03	Jan-04	Jan-04	Mar-04	Jun-04
MW-1	0.029	0.034	0.035	0.028	0.020			<0.020												
MW-2	0.993	1.220	1.380	0.539	1.070	0.488	0.211	0.246	0.317					0.018						
MW-3	0.029	0.022	0.023	0.014	0.009	0.017	<.005	<0.010	<0.001	0.0072				<0.001						<0.001
MW-4																				
MW-5	<.005	<.005	<.005	<.005	<.005	<.001	<.001	<0.001	<0.001	<0.001				<0.001						<0.001
MW-6	<.005	<.005	0.008	<.005	<.005	<.001	<.001	<0.001	<0.001	<0.005				<0.001						<0.001
MW-7		<.005	0.008	<.005	<.005	<.001	<.001	<0.001	<0.001	<0.001				<0.001						
MW-8		<.005			<.005	0.008	<.01													
MW-9		0.016																		
MW-10				0.061				0.85						0.099						<0.10
MW-14				<.005	<.005	<.001	<.005	<0.001	<0.001	<0.005	<0.02	<0.01	<0.01	<0.001	<0.001	<0.005			<0.001	<0.005
MW-15				<.005	<.005	0.003	<.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	0.001	<0.001	<0.001			<0.01	<0.005
MW-16				<.005	<.005	0.004	<.005	<0.001	<0.001	<0.005	<0.005	<0.005	<0.001	<0.001	<0.001	<0.001			<0.005	<0.001
MW-17							<.001	<0.005												
MW-18				<.005	<.005	0.003	<.001	<0.005	<0.005					<0.005						0.003
MW-19				<.005	<.005	<.001	<.005	<0.005	<0.001	<0.001	<0.005	<0.001	<0.005	<0.001	<0.001	<0.001			<0.001	<0.001
MW-19D														<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001
MW-20											<0.001	<0.001	<0.005	<0.001	<0.001	<0.001			<0.001	<0.001
MW-21											<0.001	<0.001	<0.001	<0.001	<0.001	<0.001			<0.001	<0.001
MW-22														<0.001	<0.001	<0.001	<0.001		<0.001	<0.001

All units mg/l;
Blank cells: Sample not collected;
Duplicate samples averaged Wells MW-11, MW-12, MW-13 not shown because they always contained free phase hydrocarbons
J: Estimated concentration that falls between the method detection limit and the method reporting limit

DCP HOBBS BOOSTER STATION
SUMMARY OF TOLUENE CONCENTRATIONS IN GROUNDWATER (continued)

Well	Sep-04	Dec-04	Mar-05	Jun-05	Sep-05	Dec-05	Mar-06	Jun-06	Sep-06	Dec-06	Mar-07	Jun-07	Sep-07	Nov-07	Mar-08	Jun-08	Sep-08
MW-1					<0.002												
MW-2					0.0153			0.0132									
MW-3					<0.002			<0.002				<0.002					<0.002
MW-4																	
MW-5					<0.002			<0.002				<0.002					<0.002
MW-6					<0.002			<0.002				<0.002					<0.002
MW-7								<0.002				<0.002					
MW-8																	
MW-9																	
MW-10								0.0195				0.0037					0.00094 J
MW-14	<0.001	<0.002	<0.001	0.0041	<0.002	<0.002	<0.002	0.0010	0.0140	0.0204	0.0115	0.01	0.00087J	<0.0027	0.0445	<0.002	<0.002
MW-15	<0.005	<0.002	<0.001	0.0048	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.0027	<0.002	<0.002	<0.002
MW-16	<0.001	<0.002	<0.001	0.0127	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.0027	<0.002	<0.002	<0.002
MW-17																	
MW-18								0.0017				0.0016 J					
MW-19	<0.001	<0.002	<0.001	0.072J	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.00054	<0.002	<0.002	<0.002
MW-19D	<0.001	<0.002	<0.001	0.0012	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.00054	<0.002	<0.002	<0.002
MW-20	<0.005	<0.002	<0.001	<0.001	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.00054	<0.002	<0.002	<0.002
MW-21	<0.001	<0.002	<0.001	<0.001	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.00054	<0.002	<0.002	<0.002
MW-22	<0.001	<0.002	<0.001	0.0025	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.00054	<0.002	<0.002	<0.002
MW-23															<0.002	<0.002	<0.002
MW-24															0.005	<0.002	<0.002
MW-25															0.0015J	<0.002	<0.002

All units mg/l:
Blank cells: Sample not collected:
Duplicate samples averaged Wells MW-11, MW-12. MW-13 not shown because they always contained free phase hydrocarbons
J: Estimated concentration that falls between the method detection limit and the method reporting limit

DCP HOBBS BOOSTER STATION
SUMMARY OF TOLUENE CONCENTRATIONS IN GROUNDWATER (continued)

Well	Dec-08	Mar-09	May-09
MW-1			
MW-2			
MW-3			
MW-4			
MW-5			
MW-6			
MW-7		<0.002	
MW-8			
MW-9			
MW-10			
MW-14	<0.002	<0.002	<0.01
MW-15	<0.002	<0.002	<0.002
MW-16	<0.002	<0.002	<0.002
MW-17			
MW-18	<0.002		
MW-19	<0.002	<0.002	<0.002
MW-19D	<0.002	<0.002	<0.002
MW-20	<0.002	<0.002	<0.002
MW-21	<0.002	<0.002	<0.002
MW-22	<0.002	<0.002	<0.002
MW-23	<0.002	<0.002	<0.002
MW-24	<0.002	<0.002	<0.002
MW-25	<0.002	<0.002	<0.002

All units mg/l:
Blank cells: Sample not collected:
Duplicate samples averaged Wells MW-11, MW-12, MW-13 not shown because they always contained free phase hydrocarbons
J: Estimated concentration that falls between the method detection limit and the method reporting limit

DCP HOBBS BOOSTER STATION
SUMMARY OF ETHYLBENZENE CONCENTRATIONS IN GROUNDWATER

Well	Jul-99	May-00	Aug-00	Oct-00	Feb-01	May-01	Aug-01	Oct-01	Mar-02	Jun-02	Sep-02	Dec-02	Mar-03	Jun-03	Sep-03	Dec-03	Jan-04	Jan-04	Mar-04	Jun-04
MW-1	0.168	0.344	0.273	0.285	0.287			0.236												
MW-2	0.192	0.309	0.298	0.235	0.334	0.396	0.255	0.314	0.220					0.101						
MW-3	0.222	0.245	0.218	0.203	0.259	0.324	0.277	0.207	0.0056	0.081				0.056						0.0183
MW-4																				
MW-5	<.005	<.005	<.005	<.005	<.005	<.001	<.001	<0.001	<0.001	<0.001				<0.001						<0.001
MW-6	<.005	<.005	<.005	<.005	<.005	<.001	<.001	<0.001	<0.001	<0.005				<0.001						<0.001
MW-7		<.005	<.005	<.005	<.005	<.001	<.001	<0.001	<0.001	<0.001				<0.001						
MW-8		0.375			0.173	0.226	0.201													
MW-9		0.096																		
MW-10				0.128				0.889						0.198						<0.10
MW-14				0.007	<.005	0.004	<.005	0.018	0.0022	<0.005	<0.02	<0.01	0.020	0.0150	0.0133	0.014			0.0151	0.0068
MW-15				<.005	<.005	0.004	<.005	<0.020	0.0376	<0.005	<0.005	<0.005	<0.005	0.005	0.0527	0.0615			0.0497	<0.005
MW-16				<.005	<.005	0.003	<.005	0.007	<0.001	<0.005	<0.005	<0.005	<0.001	<0.001	<0.001	<0.001			<0.005	<0.001
MW-17							0.057	0.101												
MW-18				0.017	<.005	0.020	<.001	0.089	<0.005					0.006						0.016
MW-19				<.005	<.005	<.001	<.005	<0.005	<0.001	<0.001	<0.005	<0.001	<0.005	<0.001	<0.001	<0.001			<0.001	<0.001
MW-19D														<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001
MW-20											<0.001	<0.001	<0.005	<0.001	<0.001	<0.001			<0.001	<0.001
MW-21											<0.001	<0.001	<0.001	<0.001	<0.001	<0.001			<0.001	<0.001
MW-22														<0.001	<0.001	0.001	0.00011		<0.001	<0.001

All units mg/l:
Blank cells: Sample not collected:
Duplicate samples averaged Wells MW-11, MW-12. MW-13 not shown because they always contained free phase hydrocarbons
J: Estimated concentration that falls between the method detection limit and the method reporting limit

DCP HOBBS BOOSTER STATION
SUMMARY OF ETHYLBENZENE CONCENTRATIONS IN GROUNDWATER (continued)

Well	Sep-04	Dec-04	Mar-05	Jun-05	Sep-05	Dec-05	Mar-06	Jun-06	Sep-06	Dec-06	Mar-07	Jun-07	Sep-07	Nov-07	Mar-08	Jun-08	Sep-08
MW-1					0.0468												
MW-2					0.0493			0.209									
MW-3					0.242			0.139				0.21					0.0463
MW-4																	
MW-5					<0.002			<0.002				<0.002					<0.002
MW-6					<0.002			<0.002				<0.002					<0.002
MW-7								<0.002				<0.002					
MW-8																	
MW-9																	
MW-10								0.185				0.22					0.284
MW-14	0.010	0.0113	0.0237	0.0726	0.0091	0.0102	0.0071	0.0046	0.018	0.0293	0.0369	0.04	0.0198	0.0161	<0.010	0.0320	0.0164
MW-15	<0.005	<0.002	<0.001	0.0034	0.0022	<0.002	0.0049	0.0204	<0.002	<0.002	0.0045	0.0014 J	<0.002	<0.0024	<0.002	<0.002	0.0316
MW-16	<0.001	<0.002	<0.001	<0.001	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.0024	<0.002	<0.002	<0.002
MW-17																	
MW-18								0.0017				0.05					
MW-19	<0.001	<0.002	<0.001	<0.001	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.00048	<0.002	<0.002	<0.002
MW-19D	<0.001	<0.002	<0.001	<0.001	<0.002	<0.002	<0.002	<0.002	<0.002	0.00074J	<0.002	<0.002	<0.002	<0.00048	<0.002	<0.002	<0.002
MW-20	<0.005	<0.002	<0.001	<0.001	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.00048	<0.002	<0.002	<0.002
MW-21	<0.001	<0.002	<0.001	<0.001	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.00048	<0.002	<0.002	<0.002
MW-22	<0.001	<0.002	<0.001	0.0073	<0.002	<0.002	<0.002	0.00054	<0.002	<0.002	<0.002	<0.002	<0.002	<0.00048	<0.002	<0.002	<0.002
MW-23															<0.002	<0.002	<0.002
MW-24															<0.002	<0.002	<0.002
MW-25															<0.002	<0.002	<0.002

All units mg/l:
Blank cells: Sample not collected:
Duplicate samples averaged Wells MW-11, MW-12, MW-13 not shown because they always contained free phase hydrocarbons
J: Estimated concentration that falls between the method detection limit and the method reporting limit

DCP HOBBS BOOSTER STATION
SUMMARY OF ETHYLBENZENE CONCENTRATIONS IN GROUNDWATER (continued)

Well	Dec-08	Mar-09	May-09
MW-1			
MW-2			
MW-3			
MW-4			
MW-5			
MW-6			
MW-7		<0.002	
MW-8			
MW-9			
MW-10			
MW-14	<0.002	0.0172	0.0105
MW-15	<0.002	<0.002	0.0413
MW-16	<0.002	<0.002	<0.002
MW-17			
MW-18	0.0221		
MW-19	<0.002	<0.002	<0.002
MW-19D	<0.002	<0.002	<0.002
MW-20	<0.002	<0.002	<0.002
MW-21	<0.002	<0.002	<0.002
MW-22	<0.002	<0.002	0.00069J
MW-23	<0.002	<0.002	<0.002
MW-24	<0.002	<0.002	<0.002
MW-25	<0.002	<0.002	<0.002

All units mg/l;
Blank cells: Sample not collected;
Duplicate samples averaged Wells MW-11, MW-12, MW-13 not shown because they always contained free phase hydrocarbons
J: Estimated concentration that falls between the method detection limit and the method reporting limit

DCP HOBBS BOOSTER STATION
SUMMARY OF TOTAL XYLENES CONCENTRATIONS IN GROUNDWATER

Well	Jul-99	May-00	Aug-00	Oct-00	Feb-01	May-01	Aug-01	Oct-01	Mar-02	Jun-02	Sep-02	Dec-02	Mar-03	Jun-03	Sep-03	Dec-03	Jan-04	Jan-04	Mar-04	Jun-04
MW-1	0.229	0.604	0.450	0.466	0.461			0.12												
MW-2	0.359	0.501	0.541	0.394	0.597	0.772	0.452	0.243	0.227					0.100						
MW-3	0.287	0.291	0.264	0.290	0.285	0.346	0.316	0.146	0.008	0.104				0.0719						0.0118
MW-4																				
MW-5	<.005	<.005	<.005	<.005	<.005	<.001	<.001	<0.001	<0.001	<0.001				<0.001						<0.001
MW-6	<.005	0.038	0.007	<.005	<.005	<.001	<.001	<0.001	<0.001	<0.005				<0.001						<0.001
MW-7		<.005	0.008	<.005	<.005	<.001	<.001	<0.001	<0.001	<0.001				<0.001						
MW-8		0.742			0.286	0.34	0.449													
MW-9		0.208																		
MW-10				1.280				2.38						0.307						0.153
MW-14				<.005	<.005	<.001	<.005	<0.001	0.0016	<0.005	<0.02	<0.01	<0.01	0.0020	0.0013	<0.005			<0.001	<0.005
MW-15				<.005	<.005	<.001	<.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.001	<0.005	0.001			<0.01	<0.005
MW-16				<.005	<.005	0.004	<.005	0.002	0.0024	<0.005	<0.005	<0.005	<0.001	<0.001	<0.001	<0.001			<0.005	<0.001
MW-17							0.057	0.278												
MW-18				0.143	<.005	0.009	0.030	0.238	<0.005					0.006						0.0222
MW-19				<.005	<.005	<.001	<.005	<0.005	0.0016	0.0028	<0.005	<0.001	<0.005	0.002	<0.001	0.0016			<0.001	<0.001
MW-19D														<0.001	<0.001	0.0014	0.00100	<0.005	<0.001	<0.001
MW-20											<0.001	<0.001	<0.005	<0.001	<0.001	<0.001			<0.001	<0.001
MW-21											<0.001	<0.001	<0.001	<0.001	<0.001	<0.001			<0.001	<0.001
MW-22														<0.001	<0.001	<0.001	0.00240		0.001	<0.001

All units mg/l.
Blank cells: Sample not collected.
Duplicate samples averaged Wells MW-11, MW-12, MW-13 not shown because they always contained free phase hydrocarbons
J: Estimated concentration that falls between the method detection limit and the method reporting limit

DCP HOBBS BOOSTER STATION
SUMMARY OF TOTAL XYLENES CONCENTRATIONS IN GROUNDWATER (continued)

Well	Sep-04	Dec-04	Mar-05	Jun-05	Sep-05	Dec-05	Mar-06	Jun-06	Sep-06	Dec-06	Mar-07	Jun-07	Sep-07	Nov-07	Mar-08	Jun-08	Sep-08
MW-1					0.0655												
MW-2					0.098			0.356									
MW-3					0.168			0.089				0.1					<0.002
MW-4																	
MW-5					<0.006			<0.006				<0.006					<0.002
MW-6					<0.006			<0.006				<0.006					<0.002
MW-7								<0.006				<0.006					
MW-8																	
MW-9																	
MW-10								0.259				0.31					0.00094 J
MW-14	0.0029	0.0034	0.0043	0.0013	<0.006	0.0031	0.0027	0.0040	0.0261	0.0595	0.0806	0.1	0.0248	0.00775J	0.0276	0.0025J	<0.002
MW-15	<0.005	<0.006	<0.002	<0.002	<0.006	<0.006	<0.006	0.0038	<0.006	<0.006	<0.006	<0.006	<0.006	<0.0055	<0.006	<0.006	<0.002
MW-16	<0.001	<0.006	<0.002	<0.002	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.0055	<0.006	<0.006	<0.002
MW-17																	
MW-18								0.0229				0.02					
MW-19	<0.001	<0.006	<0.002	<0.002	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.0011	<0.006	<0.006	<0.002
MW-19D	<0.001	<0.006	<0.002	<0.002	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.0011	<0.006	<0.006	<0.002
MW-20	<0.005	<0.006	<0.002	<0.002	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.0011	<0.006	<0.006	<0.002
MW-21	<0.001	<0.006	<0.002	<0.002	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.0011	<0.006	<0.006	<0.002
MW-22	<0.001	<0.006	<0.002	0.0021	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.0011	<0.006	<0.006	<0.002
MW-23															<0.002	<0.006	<0.002
MW-24															<0.002	<0.006	<0.002
MW-25															<0.002	<0.006	<0.002

All units mg/l:
Blank cells: Sample not collected:
Duplicate samples averaged Wells MW-11, MW-12, MW-13 not shown because they always contained free phase hydrocarbons
J: Estimated concentration that falls between the method detection limit and the method reporting limit

DCP HOBBS BOOSTER STATION
SUMMARY OF TOTAL XYLENES CONCENTRATIONS IN GROUNDWATER (continued)

Well	Dec-08	Mar-09	May-09
MW-1			
MW-2			
MW-3			
MW-4			
MW-5			
MW-6			
MW-7		<0.006	
MW-8			
MW-9			
MW-10			
MW-14	<0.006	<0.006	<0.03
MW-15	<0.006	<0.006	<0.006
MW-16	<0.006	<0.006	<0.006
MW-17			
MW-18	0.0183		
MW-19	<0.006	<0.006	<0.006
MW-19D	<0.006	<0.006	<0.006
MW-20	<0.006	<0.006	<0.006
MW-21	<0.006	<0.006	<0.006
MW-22	<0.006	0.0043J	0.002J
MW-23	<0.006	<0.006	<0.006
MW-24	<0.006	<0.006	<0.006
MW-25	<0.006	<0.006	<0.006

All units mg/l;
Blank cells: Sample not collected;
Duplicate samples averaged Wells MW-11, MW-12, MW-13 not shown because they always contained free phase hydrocarbons
J: Estimated concentration that falls between the method detection limit and the method reporting limit

DCP MIDSTREAM HOBBS BOOSTER STATION
WELL PURGING FORMS AND
LABORATORY ANALYTICAL REPORT

WELL SAMPLING DATA FORM

CLIENT: DCP Midstream WELL ID: **MW-14**

SITE NAME: Hobbs Booster Station DATE: 5/26/2009

PROJECT NO. NA SAMPLER: Stewart/Taylor

PURGING METHOD: ☑ Hand Bailed ☐ Pump If Pump, Type: _____

SAMPLING METHOD: ☑ Disposable Bailer ☐ Direct from Discharge Hose ☐ Other: _____

DESCRIBE EQUIPMENT DECONTAMINATION METHOD BEFORE SAMPLING THE WELL:

☑ Gloves ☐ Alconox ☐ Distilled Water Rinse ☐ Other: _____

TOTAL DEPTH OF WELL: 66.00 Feet

DEPTH TO WATER: 47.09 Feet

HEIGHT OF WATER COLUMN: 18.91 Feet

WELL DIAMETER: 2.0 Inch

9.3 Minimum Gallons to purge 3 well volumes (Water Column Height x 0.49)

TIME	VOLUME PURGED	TEMP. °C	COND. *m* S/cm	pH	DO mg\L	Turb	PHYSICAL APPEARANCE AND REMARKS
	3.1	24.5	1.69	7.36			
	6.2	23.6	1.67	7.39			
4:45	9.3	23.6	1.67	7.39			
	9.3	:Total Vol (gal)					

SAMPLE NAME: MW-14

ANALYSES: BTEX (8260)

COMMENTS: Collcted Duplicate Sample

WELL SAMPLING DATA FORM

CLIENT: DCP Midstream | WELL ID: **MW-15**

SITE NAME: Hobbs Booster Station | DATE: 5/26/2009

PROJECT NO. NA | SAMPLER: Stewart/Taylor

PURGING METHOD: ☑ Hand Bailed ☐ Pump If Pump, Type: _____

SAMPLING METHOD: ☑ Disposable Bailer ☐ Direct from Discharge Hose ☐ Other: _____

DESCRIBE EQUIPMENT DECONTAMINATION METHOD BEFORE SAMPLING THE WELL:

☑ Gloves ☐ Alconox ☐ Distilled Water Rinse ☐ Other: _____

TOTAL DEPTH OF WELL: 59.00 Feet
DEPTH TO WATER: 42.83 Feet
HEIGHT OF WATER COLUMN: 16.17 Feet
WELL DIAMETER: 2.0 Inch

7.9 Minimum Gallons to purge 3 well volumes (Water Column Height x 0.49)

TIME	VOLUME PURGED	TEMP. °C	COND. *m*S/cm	pH	DO mg\L	Turb	PHYSICAL APPEARANCE AND REMARKS
	2.7	23.7	1.3	6.9			
	5.4	22.3	1.25	6.81			
5:25	8.1	22.4	1.27	6.72			
	8.1	:Total Vol (gal)					

SAMPLE NAME: MW-15

ANALYSES: BTEX (8260)

COMMENTS: _____

WELL SAMPLING DATA FORM

CLIENT: DCP Midstream WELL ID: **MW-16**

SITE NAME: Hobbs Booster Station DATE: 5/26/2009

PROJECT NO. NA SAMPLER: Stewart/Taylor

PURGING METHOD: ☑ Hand Bailed ☐ Pump If Pump, Type: _____

SAMPLING METHOD: ☑ Disposable Bailer ☐ Direct from Discharge Hose ☐ Other: _____

DESCRIBE EQUIPMENT DECONTAMINATION METHOD BEFORE SAMPLING THE WELL:

☑ Gloves ☐ Alconox ☐ Distilled Water Rinse ☐ Other: _____

TOTAL DEPTH OF WELL: 58.00 Feet

DEPTH TO WATER: 43.11 Feet

HEIGHT OF WATER COLUMN: 14.89 Feet

WELL DIAMETER: 2.0 Inch

7.3 Minimum Gallons to purge 3 well volumes (Water Column Height x 0.49)

TIME	VOLUME PURGED	TEMP. °C	COND. *m*S/cm	pH	DO mg\L	Turb	PHYSICAL APPEARANCE AND REMARKS
	2.5	21.8	1.46	6.97			
	5.0	20.9	1.44	6.86			
5:40	7.5	20.6	1.46	6.81			
	7.5	:Total Vol (gal)					

SAMPLE NAME: MW-16

ANALYSES: BTEX (8260)

COMMENTS: _____

WELL SAMPLING DATA FORM

CLIENT: DCP Midstream | WELL ID: **MW-19**

SITE NAME: Hobbs Booster Station | DATE: 5/26/2009

PROJECT NO. NA | SAMPLER: Stewart/Taylor

PURGING METHOD: ☑ Hand Bailed ☐ Pump If Pump, Type: _____

SAMPLING METHOD: ☑ Disposable Bailer ☐ Direct from Discharge Hose ☐ Other: _____

DESCRIBE EQUIPMENT DECONTAMINATION METHOD BEFORE SAMPLING THE WELL:

☑ Gloves ☐ Alconox ☐ Distilled Water Rinse ☐ Other: _____

TOTAL DEPTH OF WELL: 68.00 Feet

DEPTH TO WATER: 53.16 Feet

HEIGHT OF WATER COLUMN: 14.84 Feet

WELL DIAMETER: 2.0 Inch

7.3 Minimum Gallons to purge 3 well volumes (Water Column Height x 0.49)

TIME	VOLUME PURGED	TEMP. °C	COND. mS/cm	pH	DO mg\L	Turb	PHYSICAL APPEARANCE AND REMARKS
	2.5	22.6	2.02	6.77			
	5.0	20.9	2.05	6.78			
12:40	7.5	21.2	2.03	6.71			
	7.5	:Total Vol (gal)					

SAMPLE NAME: MW-19

ANALYSES: BTEX (8260)

COMMENTS: _____

WELL SAMPLING DATA FORM

CLIENT: DCP Midstream
WELL ID: **MW-19d**
SITE NAME: Hobbs Booster Station
DATE: 5/26/2009
PROJECT NO. NA
SAMPLER: Stewart/Taylor

PURGING METHOD: ☑ Hand Bailed ☐ Pump If Pump, Type: _____

SAMPLING METHOD: ☑ Disposable Bailer ☐ Direct from Discharge Hose ☐ Other: _____

DESCRIBE EQUIPMENT DECONTAMINATION METHOD BEFORE SAMPLING THE WELL:

☑ Gloves ☐ Alconox ☐ Distilled Water Rinse ☐ Other: _____

TOTAL DEPTH OF WELL: 83.00 Feet
DEPTH TO WATER: 53.12 Feet
HEIGHT OF WATER COLUMN: 29.88 Feet
WELL DIAMETER: 2.0 Inch

14.6 Minimum Gallons to purge 3 well volumes (Water Column Height x 0.49)

TIME	VOLUME PURGED	TEMP. °C	COND. *m*S/cm	pH	DO mg\L	Turb	PHYSICAL APPEARANCE AND REMARKS
	5.0	21.5	1.69	7.12			
	10.0	20.8	1.70	7.10			
2:40	15.0	22.4	1.68	7.39			
	15.0	:Total Vol (gal)					

SAMPLE NAME: MW-19d
ANALYSES: BTEX (8260)
COMMENTS: _____

WELL SAMPLING DATA FORM

CLIENT: DCP Midstream | WELL ID: **MW-20**

SITE NAME: Hobbs Booster Station | DATE: 5/26/2009

PROJECT NO. NA | SAMPLER: Stewart/Taylor

PURGING METHOD: ☑ Hand Bailed ☐ Pump If Pump, Type: _____

SAMPLING METHOD: ☑ Disposable Bailer ☐ Direct from Discharge Hose ☐ Other: _____

DESCRIBE EQUIPMENT DECONTAMINATION METHOD BEFORE SAMPLING THE WELL:

☑ Gloves ☐ Alconox ☐ Distilled Water Rinse ☐ Other: _____

TOTAL DEPTH OF WELL: 59.00 Feet
DEPTH TO WATER: 50.74 Feet
HEIGHT OF WATER COLUMN: 8.26 Feet
WELL DIAMETER: 2.0 Inch

4.0 Minimum Gallons to purge 3 well volumes (Water Column Height x 0.49)

TIME	VOLUME PURGED	TEMP. °C	COND. mS/cm	pH	DO mg\L	Turb	PHYSICAL APPEARANCE AND REMARKS
	1.5	20.2	0.94	7.27			
	3.0	19.8	1.08	7.12			
1:55	4.5	19.7	1.13	7.07			
	4.5	:Total Vol (gal)					

SAMPLE NAME: MW-20

ANALYSES: BTEX (8260)

COMMENTS: Collected MS/MSD

WELL SAMPLING DATA FORM

CLIENT: DCP Midstream WELL ID: **MW-21**

SITE NAME: Hobbs Booster Station DATE: 5/26/2009

PROJECT NO. NA SAMPLER: Stewart/Taylor

PURGING METHOD: ☑ Hand Bailed ☐ Pump If Pump, Type: _____

SAMPLING METHOD: ☑ Disposable Bailer ☐ Direct from Discharge Hose ☐ Other: _____

DESCRIBE EQUIPMENT DECONTAMINATION METHOD BEFORE SAMPLING THE WELL:

☑ Gloves ☐ Alconox ☐ Distilled Water Rinse ☐ Other: _____

TOTAL DEPTH OF WELL: 61.00 Feet

DEPTH TO WATER: 52.52 Feet

HEIGHT OF WATER COLUMN: 8.48 Feet

WELL DIAMETER: 2.0 Inch

4.2 Minimum Gallons to purge 3 well volumes (Water Column Height x 0.49)

TIME	VOLUME PURGED	TEMP. °C	COND. *m* S/cm	pH	DO mg\L	Turb	PHYSICAL APPEARANCE AND REMARKS
	1.5	22.5	1.47				
	3.0	21.9	1.49				
3:15	4.5	21.5	1.49				
	4.5	:Total Vol (gal)					

SAMPLE NAME: MW-21

ANALYSES: BTEX (8260)

COMMENTS: _____

WELL SAMPLING DATA FORM

CLIENT: DCP Midstream WELL ID: **MW-22**

SITE NAME: Hobbs Booster Station DATE: 5/26/2009

PROJECT NO. NA SAMPLER: Stewart/Taylor

PURGING METHOD: ☑ Hand Bailed ☐ Pump If Pump, Type: _____

SAMPLING METHOD: ☑ Disposable Bailer ☐ Direct from Discharge Hose ☐ Other: _____

DESCRIBE EQUIPMENT DECONTAMINATION METHOD BEFORE SAMPLING THE WELL:

☑ Gloves ☐ Alconox ☐ Distilled Water Rinse ☐ Other: _____

TOTAL DEPTH OF WELL: 60.00 Feet
DEPTH TO WATER: 54.24 Feet
HEIGHT OF WATER COLUMN: 5.76 Feet
WELL DIAMETER: 2.0 Inch

2.8 Minimum Gallons to purge 3 well volumes (Water Column Height x 0.49)

TIME	VOLUME PURGED	TEMP. °C	COND. mS/cm	pH	DO mg\L	Turb	PHYSICAL APPEARANCE AND REMARKS
	1.3	22.1	1.45	7.04			
	2.6	22.6	1.45	6.96			
2:55	3.9	21.1	1.45	7.01			
	3.9	:Total Vol (gal)					

SAMPLE NAME: MW-22

ANALYSES: BTEX (8260)

COMMENTS: _____

WELL SAMPLING DATA FORM

CLIENT: DCP Midstream WELL ID: **MW-23**

SITE NAME: Hobbs Booster Station DATE: 5/26/2009

PROJECT NO. NA SAMPLER: Stewart/Taylor

PURGING METHOD: ☑ Hand Bailed ☐ Pump If Pump, Type: _____

SAMPLING METHOD: ☑ Disposable Bailer ☐ Direct from Discharge Hose ☐ Other: _____

DESCRIBE EQUIPMENT DECONTAMINATION METHOD BEFORE SAMPLING THE WELL:

☑ Gloves ☐ Alconox ☐ Distilled Water Rinse ☐ Other: _____

TOTAL DEPTH OF WELL: 55.00 Feet

DEPTH TO WATER: 46.68 Feet

HEIGHT OF WATER COLUMN: 8.32 Feet

WELL DIAMETER: 2.0 Inch

4.1 Minimum Gallons to purge 3 well volumes (Water Column Height x 0.49)

TIME	VOLUME PURGED	TEMP. °C	COND. *m* S/cm	pH	DO mg\L	Turb	PHYSICAL APPEARANCE AND REMARKS
	1.5	24.8	1.80	7.34			
	3.0	23.4	1.76	7.23			
2:30	4.5	23.1	1.80	7.18			
	4.5	:Total Vol (gal)					

SAMPLE NAME: MW-23

ANALYSES: BTEX (8260)

COMMENTS: _____

WELL SAMPLING DATA FORM

CLIENT: DCP Midstream
WELL ID: **MW-24**
SITE NAME: Hobbs Booster Station
DATE: 5/26/2009
PROJECT NO. NA
SAMPLER: Stewart/Taylor

PURGING METHOD: ☑ Hand Bailed ☐ Pump If Pump, Type: _____

SAMPLING METHOD: ☑ Disposable Bailer ☐ Direct from Discharge Hose ☐ Other: _____

DESCRIBE EQUIPMENT DECONTAMINATION METHOD BEFORE SAMPLING THE WELL:

☑ Gloves ☐ Alconox ☐ Distilled Water Rinse ☐ Other: _____

TOTAL DEPTH OF WELL: 55.00 Feet
DEPTH TO WATER: 44.68 Feet
HEIGHT OF WATER COLUMN: 10.32 Feet
WELL DIAMETER: 2.0 Inch

5.1 Minimum Gallons to purge 3 well volumes (Water Column Height x 0.49)

TIME	VOLUME PURGED	TEMP. °C	COND. mS/cm	pH	DO mg\L	Turb	PHYSICAL APPEARANCE AND REMARKS
	2.0	26.0	1.67	7.19			
	4.0	25.0	1.66	7.18			
3:45	6.0	23.9	1.63	7.18			
	6.0	:Total Vol (gal)					

SAMPLE NAME: MW-24
ANALYSES: BTEX (8260)
COMMENTS:

WELL SAMPLING DATA FORM

CLIENT: DCP Midstream WELL ID: **MW-25**

SITE NAME: Hobbs Booster Station DATE: 5/26/2009

PROJECT NO. NA SAMPLER: Stewart/Taylor

PURGING METHOD: ☑ Hand Bailed ☐ Pump If Pump, Type: _____

SAMPLING METHOD: ☑ Disposable Bailer ☐ Direct from Discharge Hose ☐ Other: _____

DESCRIBE EQUIPMENT DECONTAMINATION METHOD BEFORE SAMPLING THE WELL:

☑ Gloves ☐ Alconox ☐ Distilled Water Rinse ☐ Other: _____

TOTAL DEPTH OF WELL: 55.00 Feet

DEPTH TO WATER: 45.73 Feet

HEIGHT OF WATER COLUMN: 9.27 Feet

WELL DIAMETER: 2.0 Inch

4.5 Minimum Gallons to purge 3 well volumes (Water Column Height x 0.49)

TIME	VOLUME PURGED	TEMP. °C	COND. *m* S/cm	pH	DO mg\L	Turb	PHYSICAL APPEARANCE AND REMARKS
	1.6	23.2	1.63	7.19			
	3.2	27.6	1.56	7.18			
4:00	4.8	27.1	1.45	7.18			
	4.8	:Total Vol (gal)					

SAMPLE NAME: MW-25

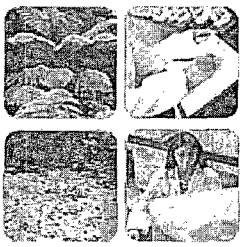
ANALYSES: BTEX (8260)

COMMENTS: _____

Gulf Coast ACCUTEST Laboratories

IT'S ALL IN THE CHEMISTRY

08/25/09



Technical Report for

DCP Midstream, LLC

AECCOLI: Hobbs Booster Station

Accutest Job Number: T29998

Sampling Date: 05/26/09

Report to:

American Environmental Consulting

mstewart@aecdenver.com

ATTN: Mike Stewart

Total number of pages in report: 33

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: Georgia Jones 713-271-4700

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

Sections: 1 2 3 4

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Sample Summary

DCP Midstream, LLC

Job No: T29998

AECCOLI: Hobbs Booster Station

Sample Number	Collected Date	Time	By	Received	Matrix Code	Matrix Type	Client Sample ID
T29998-1	05/26/09	16:45	AT	05/28/09	AQ	Ground Water	MW-14
T29998-2	05/26/09	17:25	AT	05/28/09	AQ	Ground Water	MW-15
T29998-3	05/26/09	17:40	AT	05/28/09	AQ	Ground Water	MW-16
T29998-4	05/26/09	14:30	AT	05/28/09	AQ	Ground Water	MW-19
T29998-5	05/26/09	14:40	AT	05/28/09	AQ	Ground Water	MW-19D
T29998-6	05/26/09	13:55	AT	05/28/09	AQ	Ground Water	MW-20
T29998-6D	05/26/09	13:55	AT	05/28/09	AQ	Ground Water	MW-20 MSD
T29998-6S	05/26/09	13:55	AT	05/28/09	AQ	Ground Water	MW-20 MS
T29998-7	05/26/09	15:15	AT	05/28/09	AQ	Ground Water	MW-21
T29998-8	05/26/09	00:00	AT	05/28/09	AQ	Ground Water	DUP
T29998-9	05/26/09	00:00	AT	05/28/09	AQ	Trip Blank Water	TRIP BLANK
T29998-10	05/26/09	14:55	AT	05/28/09	AQ	Ground Water	MW-22
T29998-11	05/26/09	16:30	AT	05/28/09	AQ	Ground Water	MW-23

Sample Summary
(continued)

DCP Midstream, LLC

Job No: T29998

AECCOLI: Hobbs Booster Station

Sample Number	Collected Date	Time By	Received	Matrix Code	Matrix Type	Client Sample ID
T29998-12	05/26/09	15:45 AT	05/28/09	AQ	Ground Water	MW-24
T29998-13	05/26/09	16:00 AT	05/28/09	AQ	Ground Water	MW-25

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	MW-14		
Lab Sample ID:	T29998-1	Date Sampled:	05/26/09
Matrix:	AQ - Ground Water	Date Received:	05/28/09
Method:	SW846 8260B	Percent Solids:	n/a
Project:	AECCOLI: Hobbs Booster Station		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F017035.D	5	06/03/09	AP	n/a	n/a	VF3423
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	0.285	0.010	0.0023	mg/l	
108-88-3	Toluene	ND	0.010	0.0024	mg/l	
100-41-4	Ethylbenzene	0.0104	0.010	0.0023	mg/l	
1330-20-7	Xylene (total)	ND	0.030	0.0068	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		79-122%
17060-07-0	1,2-Dichloroethane-D4	90%		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

Report of Analysis

Client Sample ID:	MW-15		
Lab Sample ID:	T29998-2	Date Sampled:	05/26/09
Matrix:	AQ - Ground Water	Date Received:	05/28/09
Method:	SW846 8260B	Percent Solids:	n/a
Project:	AECCOLI: Hobbs Booster Station		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F017021.D	1	06/02/09	AP	n/a	n/a	VF3422
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	0.0024	0.0020	0.00046	mg/l	
108-88-3	Toluene	ND	0.0020	0.00048	mg/l	
100-41-4	Ethylbenzene	0.0413	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	97%		79-122%
17060-07-0	1,2-Dichloroethane-D4	101%		75-121%
2037-26-5	Toluene-D8	101%		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

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Report of Analysis

Client Sample ID:	MW-16		
Lab Sample ID:	T29998-3	Date Sampled:	05/26/09
Matrix:	AQ - Ground Water	Date Received:	05/28/09
Method:	SW846 8260B	Percent Solids:	n/a
Project:	AECCOLI: Hobbs Booster Station		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F017022.D	1	06/02/09	AP	n/a	n/a	VF3422
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	96%		79-122%
17060-07-0	1,2-Dichloroethane-D4	89%		75-121%
2037-26-5	Toluene-D8	100%		87-119%
460-00-4	4-Bromofluorobenzene	107%		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:	T29998-4	Date Sampled:	05/26/09
Matrix:	AQ - Ground Water	Date Received:	05/28/09
Method:	SW846 8260B	Percent Solids:	n/a
Project:	AECCOLI: Hobbs Booster Station		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F017023.D	1	06/02/09	AP	n/a	n/a	VF3422
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	99%		79-122%
17060-07-0	1,2-Dichloroethane-D4	88%		75-121%
2037-26-5	Toluene-D8	103%		87-119%
460-00-4	4-Bromofluorobenzene	107%		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-19D		
Lab Sample ID:	T29998-5	Date Sampled:	05/26/09
Matrix:	AQ - Ground Water	Date Received:	05/28/09
Method:	SW846 8260B	Percent Solids:	n/a
Project:	AECCOLI: Hobbs Booster Station		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F017024.D	1	06/02/09	AP	n/a	n/a	VF3422
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	0.00074	0.0020	0.00046	mg/l	J
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	100%		79-122%
17060-07-0	1,2-Dichloroethane-D4	88%		75-121%
2037-26-5	Toluene-D8	103%		87-119%
460-00-4	4-Bromofluorobenzene	108%		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-20		
Lab Sample ID:	T29998-6	Date Sampled:	05/26/09
Matrix:	AQ - Ground Water	Date Received:	05/28/09
Method:	SW846 8260B	Percent Solids:	n/a
Project:	AECCOLI: Hobbs Booster Station		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F017016.D	1	06/02/09	AP	n/a	n/a	VF3422
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	101%		79-122%
17060-07-0	1,2-Dichloroethane-D4	90%		75-121%
2037-26-5	Toluene-D8	103%		87-119%
460-00-4	4-Bromofluorobenzene	107%		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

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Report of Analysis

Client Sample ID:	MW-21		
Lab Sample ID:	T29998-7	Date Sampled:	05/26/09
Matrix:	AQ - Ground Water	Date Received:	05/28/09
Method:	SW846 8260B	Percent Solids:	n/a
Project:	AECCOLI: Hobbs Booster Station		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F017025.D	1	06/02/09	AP	n/a	n/a	VF3422
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	98%		79-122%
17060-07-0	1,2-Dichloroethane-D4	88%		75-121%
2037-26-5	Toluene-D8	102%		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

Report of Analysis

Client Sample ID:	DUP		
Lab Sample ID:	T29998-8	Date Sampled:	05/26/09
Matrix:	AQ - Ground Water	Date Received:	05/28/09
Method:	SW846 8260B	Percent Solids:	n/a
Project:	AECCOLI: Hobbs Booster Station		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F017039.D	5	06/03/09	AP	n/a	n/a	VF3423
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	0.288	0.010	0.0023	mg/l	
108-88-3	Toluene	ND	0.010	0.0024	mg/l	
100-41-4	Ethylbenzene	0.0106	0.010	0.0023	mg/l	
1330-20-7	Xylene (total)	ND	0.030	0.0068	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		79-122%
17060-07-0	1,2-Dichloroethane-D4	90%		75-121%
2037-26-5	Toluene-D8	102%		87-119%
460-00-4	4-Bromofluorobenzene	108%		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:	TRIP BLANK		
Lab Sample ID:	T29998-9	Date Sampled:	05/26/09
Matrix:	AQ - Trip Blank Water	Date Received:	05/28/09
Method:	SW846 8260B	Percent Solids:	n/a
Project:	AECCOLI: Hobbs Booster Station		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F017015.D	1	06/02/09	AP	n/a	n/a	VF3422
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	102%		79-122%
17060-07-0	1,2-Dichloroethane-D4	93%		75-121%
2037-26-5	Toluene-D8	104%		87-119%
460-00-4	4-Bromofluorobenzene	107%		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-22		
Lab Sample ID:	T29998-10	Date Sampled:	05/26/09
Matrix:	AQ - Ground Water	Date Received:	05/28/09
Method:	SW846 8260B	Percent Solids:	n/a
Project:	AECCOLI: Hobbs Booster Station		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F017027.D	1	06/02/09	AP	n/a	n/a	VF3422
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	0.0046	0.0020	0.00046	mg/l	
108-88-3	Toluene	ND	0.0020	0.00048	mg/l	
100-41-4	Ethylbenzene	0.00069	0.0020	0.00045	mg/l	J
1330-20-7	Xylene (total)	0.0020	0.0060	0.0014	mg/l	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		79-122%
17060-07-0	1,2-Dichloroethane-D4	91%		75-121%
2037-26-5	Toluene-D8	102%		87-119%
460-00-4	4-Bromofluorobenzene	107%		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

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Report of Analysis

Client Sample ID:	MW-23		
Lab Sample ID:	T29998-11	Date Sampled:	05/26/09
Matrix:	AQ - Ground Water	Date Received:	05/28/09
Method:	SW846 8260B	Percent Solids:	n/a
Project:	AECCOLI: Hobbs Booster Station		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	C0001101.D	1	06/03/09	AP	n/a	n/a	VC47
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	105%		75-121%
2037-26-5	Toluene-D8	109%		87-119%
460-00-4	4-Bromofluorobenzene	95%		80-133%

(a) Sample was not preserved to a pH < 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:	MW-24		
Lab Sample ID:	T29998-12	Date Sampled:	05/26/09
Matrix:	AQ - Ground Water	Date Received:	05/28/09
Method:	SW846 8260B	Percent Solids:	n/a
Project:	AECCOLI: Hobbs Booster Station		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F017026.D	1	06/02/09	AP	n/a	n/a	VF3422
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	100%		79-122%
17060-07-0	1,2-Dichloroethane-D4	90%		75-121%
2037-26-5	Toluene-D8	102%		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@38360 06:55 25-Aug-2009

Report of Analysis

Client Sample ID:	MW-25		
Lab Sample ID:	T29998-13	Date Sampled:	05/26/09
Matrix:	AQ - Ground Water	Date Received:	05/28/09
Method:	SW846 8260B	Percent Solids:	n/a
Project:	AECCOLI: Hobbs Booster Station		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	C0001097.D	1	06/02/09	AP	n/a	n/a	VC47
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	102%		79-122%
17060-07-0	1,2-Dichloroethane-D4	103%		75-121%
2037-26-5	Toluene-D8	107%		87-119%
460-00-4	4-Bromofluorobenzene	95%		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

PAGE ___ OF ___

ACCUTEST Laboratories

10165 Harwin Dr., Ste 150 Houston, TX 77036
TEL: 713-271-4700 FAX: 713-271-4770
www.accutest.com

FED-EX Tracking #: | Bottle Order Control #:
Accutest Quote #: | Accutest Job #: T29998

Client / Reporting Information

Company Name: DCP Midstream
Street Address: 370 Seventeenth Street, Suite 2500
City: Denver | State: CO | Zip: 80202
Project Contact: Stephen Weathers | E-mail:
Phone #: 303-605-1718 | Fax #:
Sampler(s) Name(s): A. Taylor / M. Stewart | Phone #:

Project Information

Project Name: DCP Midstream Hobbs Booster Station
Street:
City: | State:
Project #:
Client Purchase Order #:
Project Manager: M. Stewart 303 6380001

Billing Information (if different from Report to)

Company Name:
Street Address:
City: | State: | Zip:
Attention:

Requested Analyses

BTEX 8260 (V8260BTX)

Matrix Codes

DW - Drinking Water
GW - Ground Water
WW - Water
SW - Surface Water
SO - Soil
SL - Sludge
SED-Sediment
OI - Oil
LIQ - Other Liquid
AIR - Air
SOL - Other Solid
WP - Wipe
FB-Field Blank

Accutest Sample #	Field ID / Point of Collection	Collection Date	Time	Sampled By	Matrix	# of bottles	HCl	NaOH	ZnAc2+	HNO3	H2SO4	NONE	DI Water	MeOH	TSP	NaHSO4	ENCORE	OTHER	BTEX 8260 (V8260BTX)	LAB USE ONLY
1	MW-14	2009 5/26	1645	AEC	GW	3	3												X	
2	MW-15	5/26	1725	AEC	GW	3	3												X	
3	MW-16	5/26	1740	AEC	GW	3	3												X	
4	MW-19	5/26	1430	AEC	GW	3	3												X	
5	MW-19d	5/26	1440	AEC	GW	3	3												X	
6	MW-20	5/26	155	AEC	GW	3	3												X	
7	MW-21	5/26	1515	AEC	GW	3	3												X	
8	Dup	5/26	000	AEC	GW	3	3												X	
9	Trip Blank	5/26	Lab	Lab	WTB	3	3												X	
6	MW-20 MS/MSD	5/26	155	AEC	GW	3	3												X	

Turnaround Time (Business days)

- [X] Standard
- [ ] 5 Day *RUSH*
- [ ] 4 Day *RUSH*
- [ ] 3 Day *RUSH*
- [ ] 2 Day *RUSH*
- [ ] 1 Day *EMERGENCY*

Emergency & Rush T/A data available VIA Lablink

Approved By (Accutest PM): / Date:

Data Deliverable Information

- [ ] Commercial "A" (Level 1)
- [X] Commercial "B" (Level 2)
- [ ] FULT1 (Level 3+4)
- [ ] REDT1 (Level 3+4)
- [ ] Commercial "C"
- [ ] TRRP
- [ ] EDD Format
- [ ] Other

Commercial "A" = Results Only
Commercial "B" = Results + QC Summary
Commercial "C" = Results + QC & Surrogate Summary

Comments / Special Instructions

Sample Custody must be documented below each time samples change possession, including courier delivery.

	Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1		5/27/09 530	1	2 FED EX	5-28-9930	2
3	Relinquished by Sampler:	Date Time:	Received By: 3	Relinquished By: 4	Date Time:	Received By: 4
5	Relinquished by:	Date Time:	Received By: 5	Custody Seal #	Intact / Not Intact	Preserved where applicable	On Ice: X	Cooler Temp.: 2.0 °C

3.1

T29998: Chain of Custody
Page 1 of 4

ACCUTEST Laboratories

CHAIN OF CUSTODY

PAGE ___ OF ___

10165 Harwin Dr. Ste 150 Houston, TX 77036
TEL: 713-271-4700 FAX: 713-271-4770
www.accutest.com

FED-EX Tracking #: | Bottle Order Control #:
Accutest Quote #: | Accutest Job #: T29990

Client / Reporting Information

Company Name: DCP Midstream
Street Address: 370 Seventeenth Street, Suite 2500
City: Denver | State: CO | Zip: 80202
Project Contact: Stephen Weathers | E-mail:
Phone #: 303-605-1718 | Fax #:
Sampler(s) Name(s): A. Taylor/M. Stewart | Phone #:

Project Information

Project Name: DCP Midstream Hobbs Booster Station
Street:
City: | State:
Project #:
Client Purchase Order #:
Project Manager: M. Stewart 3036580001
Attention:

Billing Information (If different from Report to)

Company Name:
Street Address:
City: | State: | Zip:

Requested Analyses

Matrix Codes

DW - Drinking Water
GW - Ground Water
WW - Water
SW - Surface Water
SO - Soil
SL - Sludge
SED-Sediment
OI - Oil
LIQ - Other Liquid
AIR - Air
SOL - Other Solid
WP - Wipe
FB-Field Blank

Accutest Sample #	Field ID / Point of Collection	Collection: Date (2009)	Time	Sampled By	Matrix	# of bottles	Number of preserved bottles: HCl	NaOH	ZnAcNaOH	HNO3	H2SO4	NONE	DI Water	MEOH	TSP	NaHSO4	ENCORE	OTHER	BTEX 8260 (V8260BTX)	LAB USE ONLY
10	MW-22	5/26	1455	AEC	GW	3	3												X	
11	MW-23	5/26	1630	AEC	GW	3	3												X	
12	MW-24	5/26	1545	AEC	GW	3	3												X	
13	MW-25	5/26	1600	AEC	GW	3	3												X	

Turnaround Time (Business days)

- [X] Standard
- [ ] 5 Day *RUSH*
- [ ] 4 Day *RUSH*
- [ ] 3 Day *RUSH*
- [ ] 2 Day *RUSH*
- [ ] 1 Day *EMERGENCY*

Emergency & Rush T/A data available VIA Labtink

Approved By (Accutest PM): / Date:

Data Deliverable Information

- [ ] Commercial "A" (Level 1)
- [X] Commercial "B" (Level 2)
- [ ] FULT1 (Level 3+4)
- [ ] REDT1 (Level 3+4)
- [ ] Commercial "C"
- [ ] TRRP
- [ ] EDD Format
- [ ] Other

Commercial "A" = Results Only
Commercial "B" = Results + QC Summary
Commercial "C" = Results + QC & Surrogate Summary

Comments / Special Instructions

Sample Custody must be documented below each time samples change possession, including courier delivery.

	Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1		5/27/09 580	1	2 Fed Ex	7884 6750	2
3	Relinquished by Sampler:	Date Time:	Received By: 3	Relinquished By: 4	Date Time:	Received By: 4
5	Relinquished by:	Date Time:	Received By: 5	Custody Seal #	Intact / Not Intact	Preserved where applicable

On Ice: X | Cooler Temp: 2.0°C

T29998: Chain of Custody
Page 2 of 4

SAMPLE INSPECTION FORM

Accutest Job Number: T29998 Client: DCP Midstream Date/Time Received: 5-29-9 930

# of Coolers Received: 1 Thermometer #: IR-1 Temperature Adjustment Factor: -0.4

Cooler Temps: #1: 2.0°C #2: ____ #3: ____ #4: ____ #5: ____ #6: ____ #7: ____ #8: ____

Method of Delivery: FEDEX UPS Accutest Courier Greyhound Delivery Other

Airbill Numbers: ____

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 revd 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
- ☐ 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] 5-29-9

INFORMATION AND SAMPLE LABELING VERIFIED BY: [signature] 05/28/09

CORRECTIVE ACTIONS

Client Representative Notified: ____ **Date:** ____

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

Client Instructions:

c:\mwalker\forms\samplemanagement

3.1

3

T29998: Chain of Custody

Page 3 of 4

SAMPLE RECEIPT LOG

JOB #: T29998 DATE/TIME RECEIVED: 5-28-9 930

CLIENT: DCP midstream INITIALS: EC

COOLER#	SAMPLE ID	FIELD ID	DATE	MATRIX	VOL	BOTTLE #	LOCATION	PRESERV	PH
1	1	mw-14	5-26-9 1615	W	1-3	40ml	VR	1 [✓ 2] 3 4 5 6 7 8	<2 >12
	2	15	1725					1 [✓ 2] 3 4 5 6 7 8	<2 >12
	3	16	1740					1 [✓ 2] 3 4 5 6 7 8	<2 >12
	4	19	1430					1 [✓ 2] 3 4 5 6 7 8	<2 >12
	5	19a	1440					1 [✓ 2] 3 4 5 6 7 8	<2 >12
	6	20 ms/msD	1555		1-9			1 [✓ 2] 3 4 5 6 7 8	<2 >12
	7	21	1515		1-3			1 [✓ 2] 3 4 5 6 7 8	<2 >12
	8	Dup	—		"			1 [✓ 2] 3 4 5 6 7 8	<2 >12
	9	Trip Blank	—		1-2			1 [✓ 2] 3 4 5 6 7 8	<2 >12
	10	mw-22	5-26-9 1455		1-3			1 [✓ 2] 3 4 5 6 7 8	<2 >12
	11	23	1630					1 [✓ 2] 3 4 5 6 7 8	<2 >12
	12	24	1545					1 [✓ 2] 3 4 5 6 7 8	<2 >12
	13	25	1600					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
		EC 5-28-9						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

LOCATION: 1: Walk-In #1 (Waters) 2: Walk-In #2 (Soils) VR: Volatile Fridge M: Metals SUB: Subcontract EF: Encore Freezer

Rev 8/13/01 ewp

4

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: T29998
Account: DUKE DCP Midstream, LLC
Project: AECCOLI: Hobbs Booster Station

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VF3422-MB	F017014.D	1	06/02/09	AP	n/a	n/a	VF3422

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

T29998-2, T29998-3, T29998-4, T29998-5, T29998-6, T29998-7, T29998-9, T29998-10, T29998-12

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	100%	79-122%
17060-07-0	1,2-Dichloroethane-D4	92%	75-121%
2037-26-5	Toluene-D8	104%	87-119%
460-00-4	4-Bromofluorobenzene	107%	80-133%

Method Blank Summary

Job Number: T29998
Account: DUKE DCP Midstream, LLC
Project: AECCOLI: Hobbs Booster Station

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VC47-MB	C0001096.D	1	06/02/09	AP	n/a	n/a	VC47

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

T29998-11, T29998-13

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	104%	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	98%	80-133%

Method Blank Summary

Job Number: T29998
Account: DUKE DCP Midstream, LLC
Project: AECCOLI: Hobbs Booster Station

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VF3423-MB	F017034.D	1	06/03/09	AP	n/a	n/a	VF3423

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

T29998-1, T29998-8

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	102%	79-122%
17060-07-0	1,2-Dichloroethane-D4	91%	75-121%
2037-26-5	Toluene-D8	103%	87-119%
460-00-4	4-Bromofluorobenzene	107%	80-133%

Blank Spike Summary

Job Number: T29998
Account: DUKE DCP Midstream, LLC
Project: AECCOLI: Hobbs Booster Station

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VF3422-BS	F017012.D	1	06/02/09	AP	n/a	n/a	VF3422

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

T29998-2, T29998-3, T29998-4, T29998-5, T29998-6, T29998-7, T29998-9, T29998-10, T29998-12

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	24.8	99	76-118
100-41-4	Ethylbenzene	25	24.2	97	75-112
108-88-3	Toluene	25	24.6	98	77-114
1330-20-7	Xylene (total)	75	73.0	97	75-111

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	101%	79-122%
17060-07-0	1,2-Dichloroethane-D4	92%	75-121%
2037-26-5	Toluene-D8	104%	87-119%
460-00-4	4-Bromofluorobenzene	106%	80-133%

Blank Spike Summary

Job Number: T29998
Account: DUKE DCP Midstream, LLC
Project: AECCOLI: Hobbs Booster Station

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VC47-BS	C0001094.D	1	06/02/09	AP	n/a	n/a	VC47

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

T29998-11, T29998-13

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	30.0	120* [a]	76-118
100-41-4	Ethylbenzene	25	26.8	107	75-112
108-88-3	Toluene	25	27.7	111	77-114
1330-20-7	Xylene (total)	75	79.8	106	75-111

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	99%	79-122%
17060-07-0	1,2-Dichloroethane-D4	101%	75-121%
2037-26-5	Toluene-D8	110%	87-119%
460-00-4	4-Bromofluorobenzene	92%	80-133%

(a) Outside control limits biased high. Only ND results are acceptable.

Blank Spike Summary

Job Number: T29998
Account: DUKE DCP Midstream, LLC
Project: AECCOLI: Hobbs Booster Station

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VF3423-BS	F017032.D	1	06/03/09	AP	n/a	n/a	VF3423

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

T29998-1, T29998-8

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	27.4	110	76-118
100-41-4	Ethylbenzene	25	27.1	108	75-112
108-88-3	Toluene	25	27.2	109	77-114
1330-20-7	Xylene (total)	75	81.5	109	75-111

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	102%	79-122%
17060-07-0	1,2-Dichloroethane-D4	94%	75-121%
2037-26-5	Toluene-D8	105%	87-119%
460-00-4	4-Bromofluorobenzene	109%	80-133%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: T29998
Account: DUKE DCP Midstream, LLC
Project: AECCOLI: Hobbs Booster Station

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
T29998-6MS	F017017.D	1	06/02/09	AP	n/a	n/a	VF3422
T29998-6MSD	F017018.D	1	06/02/09	AP	n/a	n/a	VF3422
T29998-6	F017016.D	1	06/02/09	AP	n/a	n/a	VF3422

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

T29998-2, T29998-3, T29998-4, T29998-5, T29998-6, T29998-7, T29998-9, T29998-10, T29998-12

CAS No.	Compound	T29998-6 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		25	29.3	117	28.5	114	3	76-118/16
100-41-4	Ethylbenzene	ND		25	28.6	114*	27.9	112	2	75-112/12
108-88-3	Toluene	ND		25	28.6	114	28.0	112	2	77-114/12
1330-20-7	Xylene (total)	ND		75	87.0	116*	84.6	113*	3	75-111/12

CAS No.	Surrogate Recoveries	MS	MSD	T29998-6	Limits
1868-53-7	Dibromofluoromethane	101%	101%	101%	79-122%
17060-07-0	1,2-Dichloroethane-D4	93%	91%	90%	75-121%
2037-26-5	Toluene-D8	104%	103%	103%	87-119%
460-00-4	4-Bromofluorobenzene	110%	107%	107%	80-133%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: T29998
Account: DUKE DCP Midstream, LLC
Project: AECCOLI: Hobbs Booster Station

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
T29998-13MS	C0001098.D	1	06/02/09	AP	n/a	n/a	VC47
T29998-13MSD	C0001099.D	1	06/02/09	AP	n/a	n/a	VC47
T29998-13	C0001097.D	1	06/02/09	AP	n/a	n/a	VC47

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

T29998-11, T29998-13

CAS No.	Compound	T29998-13 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		25	28.7	115	28.5	114	1	76-118/16
100-41-4	Ethylbenzene	ND		25	25.2	101	25.3	101	0	75-112/12
108-88-3	Toluene	ND		25	26.1	104	26.3	105	1	77-114/12
1330-20-7	Xylene (total)	ND		75	74.5	99	74.9	100	1	75-111/12

CAS No.	Surrogate Recoveries	MS	MSD	T29998-13	Limits
1868-53-7	Dibromofluoromethane	99%	99%	102%	79-122%
17060-07-0	1,2-Dichloroethane-D4	102%	104%	103%	75-121%
2037-26-5	Toluene-D8	106%	108%	107%	87-119%
460-00-4	4-Bromofluorobenzene	87%	89%	95%	80-133%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: T29998
Account: DUKE DCP Midstream, LLC
Project: AECCOLI: Hobbs Booster Station

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
T29998-1MS	F017036.D	5	06/03/09	AP	n/a	n/a	VF3423
T29998-1MSD	F017037.D	5	06/03/09	AP	n/a	n/a	VF3423
T29998-1	F017035.D	5	06/03/09	AP	n/a	n/a	VF3423

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

T29998-1, T29998-8

CAS No.	Compound	T29998-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	285		125	403	94	369	67* [a]	9	76-118/16
100-41-4	Ethylbenzene	10.4		125	138	102	125	92	10	75-112/12
108-88-3	Toluene	ND		125	129	103	117	94	10	77-114/12
1330-20-7	Xylene (total)	ND		375	386	103	351	94	9	75-111/12

CAS No.	Surrogate Recoveries	MS	MSD	T29998-1	Limits
1868-53-7	Dibromofluoromethane	101%	101%	102%	79-122%
17060-07-0	1,2-Dichloroethane-D4	92%	92%	90%	75-121%
2037-26-5	Toluene-D8	103%	102%	103%	87-119%
460-00-4	4-Bromofluorobenzene	107%	109%	106%	80-133%

(a) Outside control limits due to high level in sample relative to spike amount.