GW-044

4th QTR 2009 GW Mon. Results

DATE: February 25, 2010

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

February 25, 2010

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

RE: 4th 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 4th 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

February 19, 2010

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

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

Dear Steve:

This letter summarizes the fourth quarter 2009 groundwater-sampling event that was completed on December 20, 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 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 May 2008. The vacuum enhancement system generally runs at between 40 and 50 inches of water. The system is currently inactive for evaluation but will be restarted the week of March 8, 2010.

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). This system is operational.

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 vacuum-enhancement/FPH collection system was turned off on or about November 20, 2009 to evaluate why FPH production was decreasing. That evaluation continues but the system will be restarted during the week of March 8, 2010.

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 include:

- MW-7: Up-gradient (west) of the site;
- MW-12: Located inside the FPH collection area but not connected to the system;
- MW-14: Cross-gradient on the southern property boundary;
- MW-20: On the down-gradient (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; and
- TW-Q: Immediately up-gradient 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 a relatively uniform fashion in all wells except TW-B which exhibited a larger decline . Figure 3 shows that there was no decline in TW-B between the second and third quarters of 2009. The decline in TW-B between the second and fourth quarters of 2009 was similar to the other wells so the third quarter reading may be anomalous.

A water-table contour map generated from the December 2009 corrected values using the program Surfer® with its kriging option is included as Figure 4. The wells that are attached to the FPH system, and may influenced by the vacuum enhancement, are highlighted in red.

Groundwater flow is generally eastward. The regional water table has been modified from its natural configuration by the construction and operation of the FPH collection system. Note that there was a linear groundwater high along the alignment of TW-A, TW-B, TW-C and TW-D. The fluid elevation at TG-G was also elevated. These relationships verify the influence of the FPH collection system on the water surface; however, the influence does not extend to the property boundaries as has been pointed out in past reports.

FPH RECOVERY

The system was shut down approximately November 20, 2009 to evaluate the increase in water production and decrease in FPH production. The system will be restarted during the week of March 8, 2010. FPH recovery and thickness evaluation will resume following the startup of the system.

GROUNDWATER CHEMISTRY

Water samples were collected from the boundary monitoring wells and from MW-14. 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. A field duplicate was collected from MW-14 and a matrix spike/matrix spike duplicate (MS/MSD) was collected from MW-19 for quality control evaluation. 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) using method SW846 8260B. A copy of the laboratory analytical report is attached.

The quality assurance/quality control evaluations included:

1. All analyses were completed within the method holding time;
2. All of the individual surrogate recoveries were within the control limits;
3. The laboratory method blanks and blank spikes were in their respective control ranges.
4. The matrix spike/matrix spike duplicates from MW-19 did not exceed their respective control limits.
5. The trip blank did not contain any BTEX above the method reporting limits; and
6. The relative percentage difference (RPD) values for benzene and ethylbenzene from primary and duplicate samples from MW-14 were less than 5 percent. Toluene and xylenes were not detected so they could not be evaluated.

The above results 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 are highlighted as bold text. The NMWQCC standard for benzene was exceeded in the primary and duplicate MW-14 samples. There were no other exceedances. In fact, almost all of the constituents were reported as not detected. The constituents that were detected were generally flagged ("J") as occurring between the method detection limit and the method reporting limit.

The benzene concentrations for the samples collected during this monitoring event are posted on Figure 5. The benzene concentration in MW-23 is below the method reporting limit even though it is only 50 feet down-gradient from MW-14. Likewise, MW-15 is adjacent to MW-10 and wells MW-19, MW-19D and MW-20 are all down-gradient from MW-18. These relationships demonstrate 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 6 graphs the time-benzene concentrations for the south boundary well MW-14. The benzene concentration in MW-14 has continuously declined from 1.11 mg/l in June 2007 to 0.169 mg/l in December 2009.

Based upon the data collected, AEC does not recommend any changes to the monitoring program or operation of the AS system over the next quarter. The FPH recovery will be restarted the week of March 8, 2010 as stated above.

The next groundwater-monitoring episode is scheduled for the first quarter of 2010. 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 Fourth Quarter 2009 Fluid Level Measurements

Well	Depth to Water	Depth to Product	Product Thickness	Corrected Groundwater Elevation
MW-1	49.42			3576.64
MW-2	43.75			3579.39
MW-3	44.71			3578.30
MW-4	48.80	45.28	3.52	3578.36
MW-5	52.08			3577.08
MW-6	47.81			3579.12
MW-7	41.73			3579.67
MW-9	54.03	50.86	3.17	3573.77
MW-10	45.44			3575.63
MW-11	58.08	45.91	12.17	3577.74
MW-12	56.96	50.71	6.25	3574.74
MW-13	57.31	49.56	7.75	3575.32
MW-14	47.65			3573.77
MW-15	43.39			3576.00
MW-16	43.63			3578.24
MW-17	53.11	52.22	0.89	3571.56
MW-18	53.38	53.32	0.06	3570.97
MW-19	53.65			3570.47
MW-19D	53.62			3570.17
MW-20	51.23			3570.26
MW-21	53.00			3571.25
MW-22	52.70			3572.46
MW-23	47.30			3573.86
MW-24	45.28			3573.99
MW-25	46.31			3573.42
TW-A	52.10	47.37	4.73	3578.50
TW-B	54.85	47.35	7.50	3578.23
TW-C	54.75	48.71	6.04	3577.03
TW-D	56.06	51.00	5.06	3576.19
TW-G	47.95	44.85	3.10	3578.20
TW-H	45.36			3576.94
TW-I	57.15	49.60	7.55	3578.45
TW-J	55.75	51.48	4.27	3576.73
TW-K	62.01	54.27	7.74	3573.26
TW-L	58.20	51.77	6.43	3575.80
TW-M	50.20	50.02	0.18	3579.57
TW-N	54.61	54.54	0.07	3577.43
TW-O	54.61	54.54	0.07	3577.05
TW-P	57.23	51.86	5.37	3576.83
TW-Q	47.93			3576.99
TW-R	56.25	50.85	5.40	3575.50
TW-S	56.73	53.14	3.59	3574.97
TW-T	56.96			3571.66
TW-U	57.42			3571.25
TW-V	57.42			3571.12
TW-W	54.88			3572.00

All units feet
NA: No measured casing elevation

Table 3 – DCP Hobbs Fourth Quarter 2009 Groundwater Monitoring Results

Client ID	Benzene	Toluene	Ethyl benzene	Xylene (total)
NMWQCC Standards	0.01	0.75	0.75	0.62
MW-14	**0.165**	<0.002	0.0037	<0.006
MW-14 DUPLICATE	**0.172**	<0.002	0.0037	<0.006
MW-15	0.00093J	<0.002	0.0137	<0.006
MW-16	<0.002	<0.002	<0.002	<0.006
MW-19	<0.002	<0.002	<0.002	<0.006
MW-19D	0.0009J	<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	0.0028	<0.002	<0.002	<0.006
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 that was measured between the method reporting limit and the method detection limit.

FIGURES

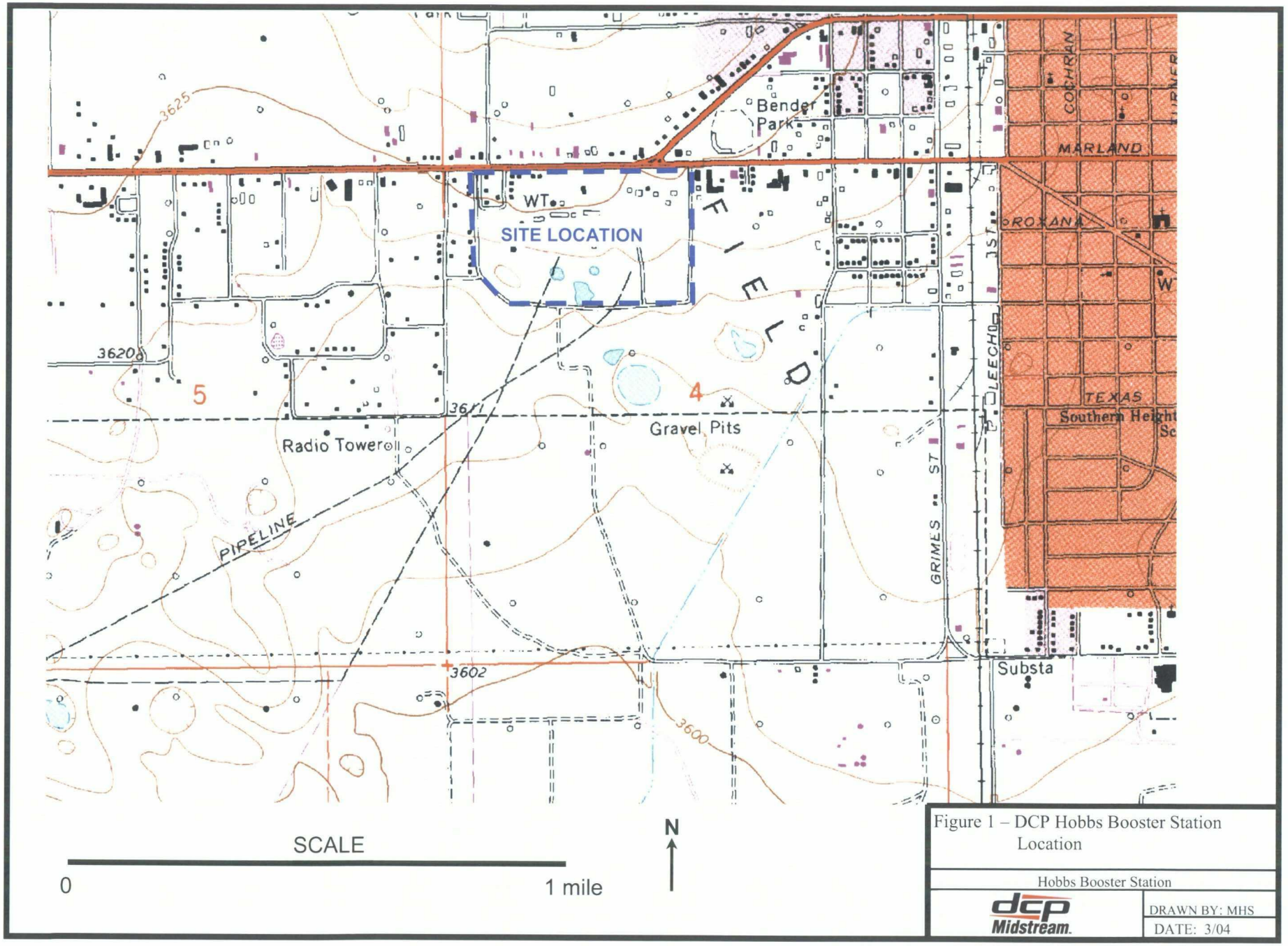


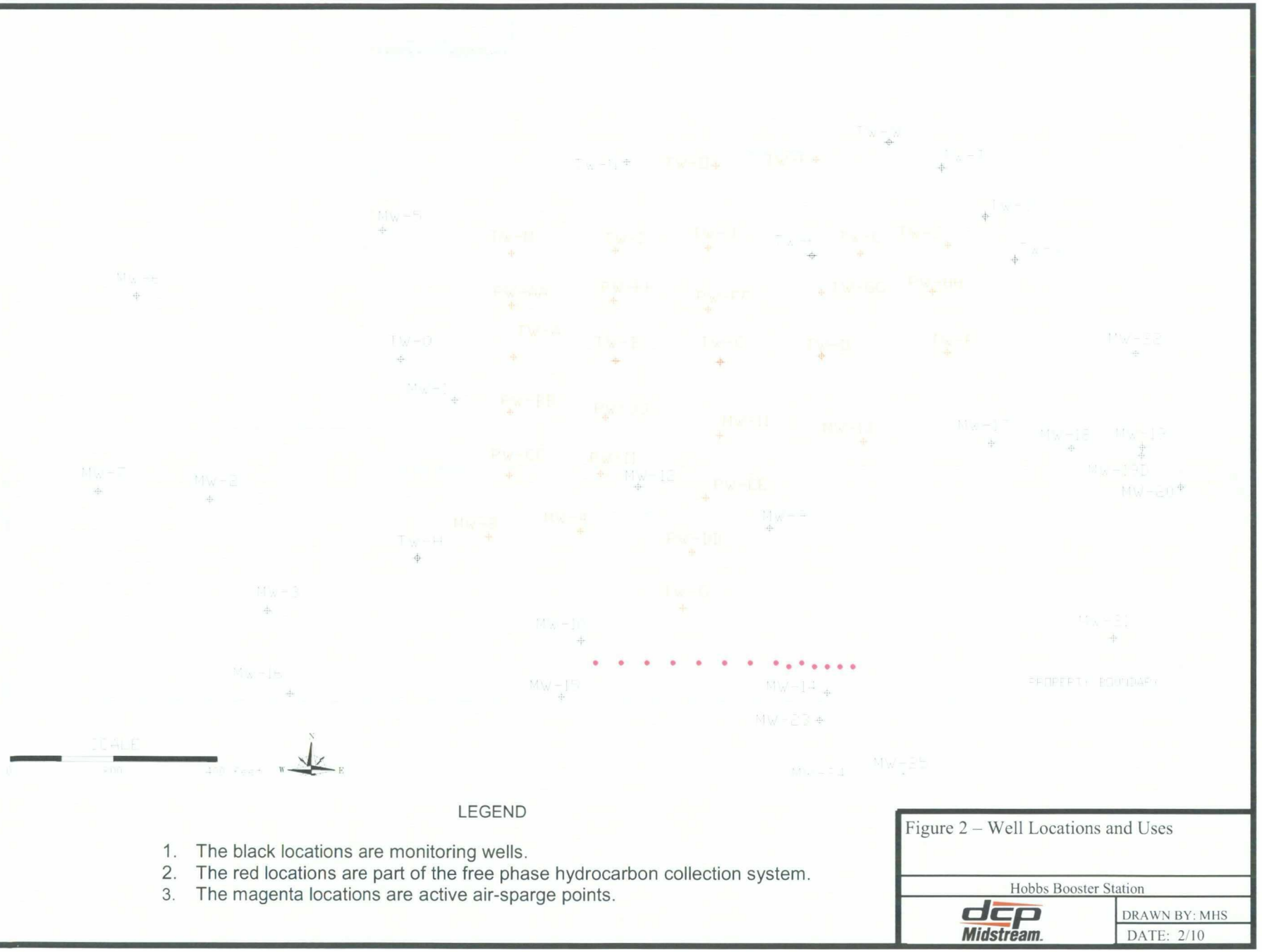
Figure 1 – DCP Hobbs Booster Station Location

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 active air-sparge points.

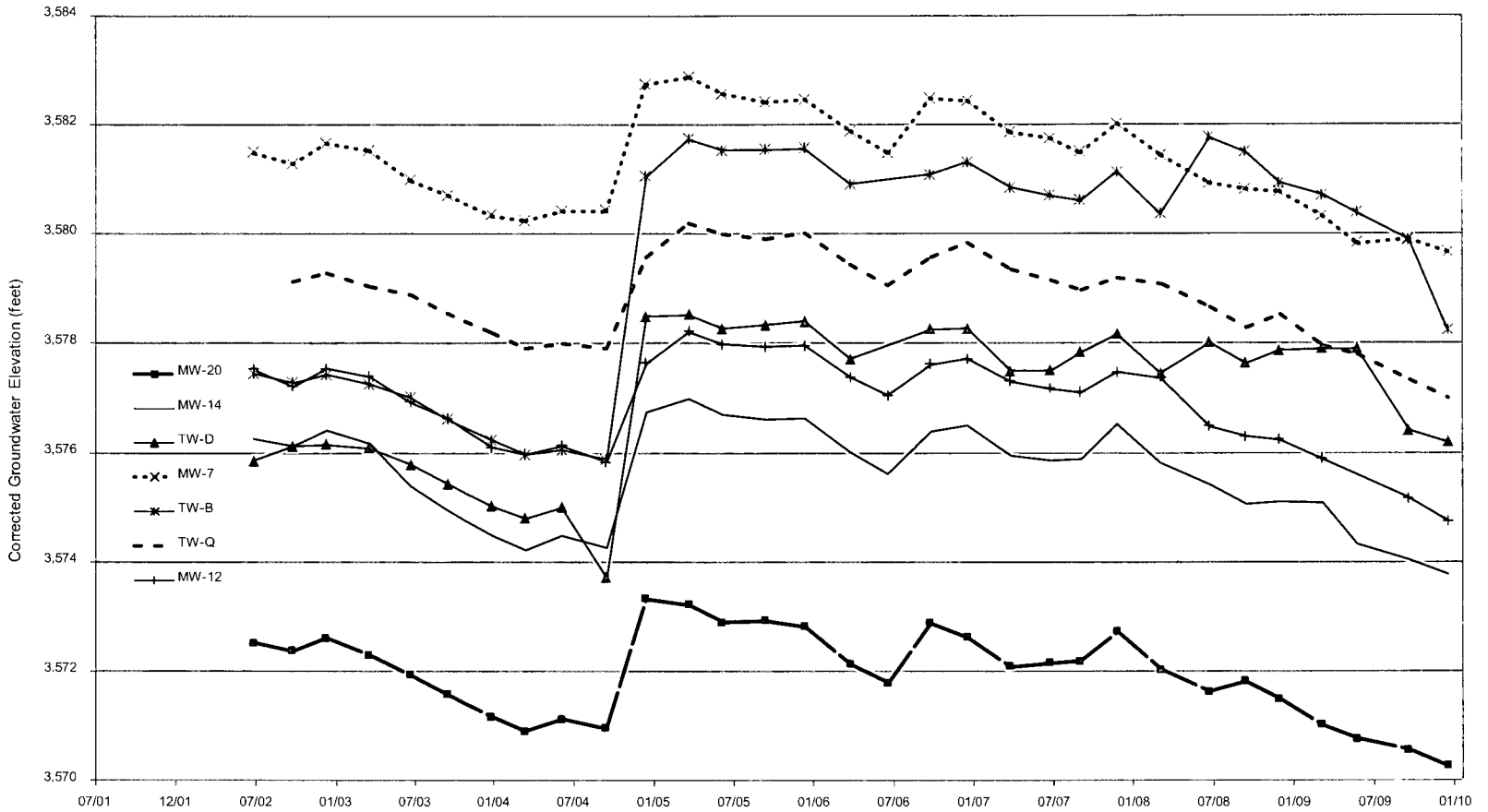
Figure 2 – Well Locations and Uses

Hobbs Booster Station

dcp Midstream.

DRAWN BY: MHS

DATE: 2/10



NOTES

1. Wells TW-B and TW-D are part of the FPH collection system with active vacuum since March 2008.
2. MW-12 lies within the FPH collection system footprint but is not attached to it.

Figure 3 – Hydrographs for Select Monitoring Wells

Hobbs Booster Station

DCP Midstream.

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DATE: 2/10

Contour interval is 1 foot
Wells in red are connected to the free phase hydrocarbon collection system

Figure 4 – Fourth Quarter 2009 Water Table Contour Map

Hobbs Booster Station

dcp Midstream.

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DATE: 2/10

Units are mg/l
MW-14 primary and duplicate samples averaged
J values are estimated between the method detection limit and the method reporting limit

Figure 5 – Benzene Concentrations for the Fourth Quarter Sampling Event

Hobbs Booster Station

dcp Midstream

DRAWN BY: MHS

DATE: 2/10

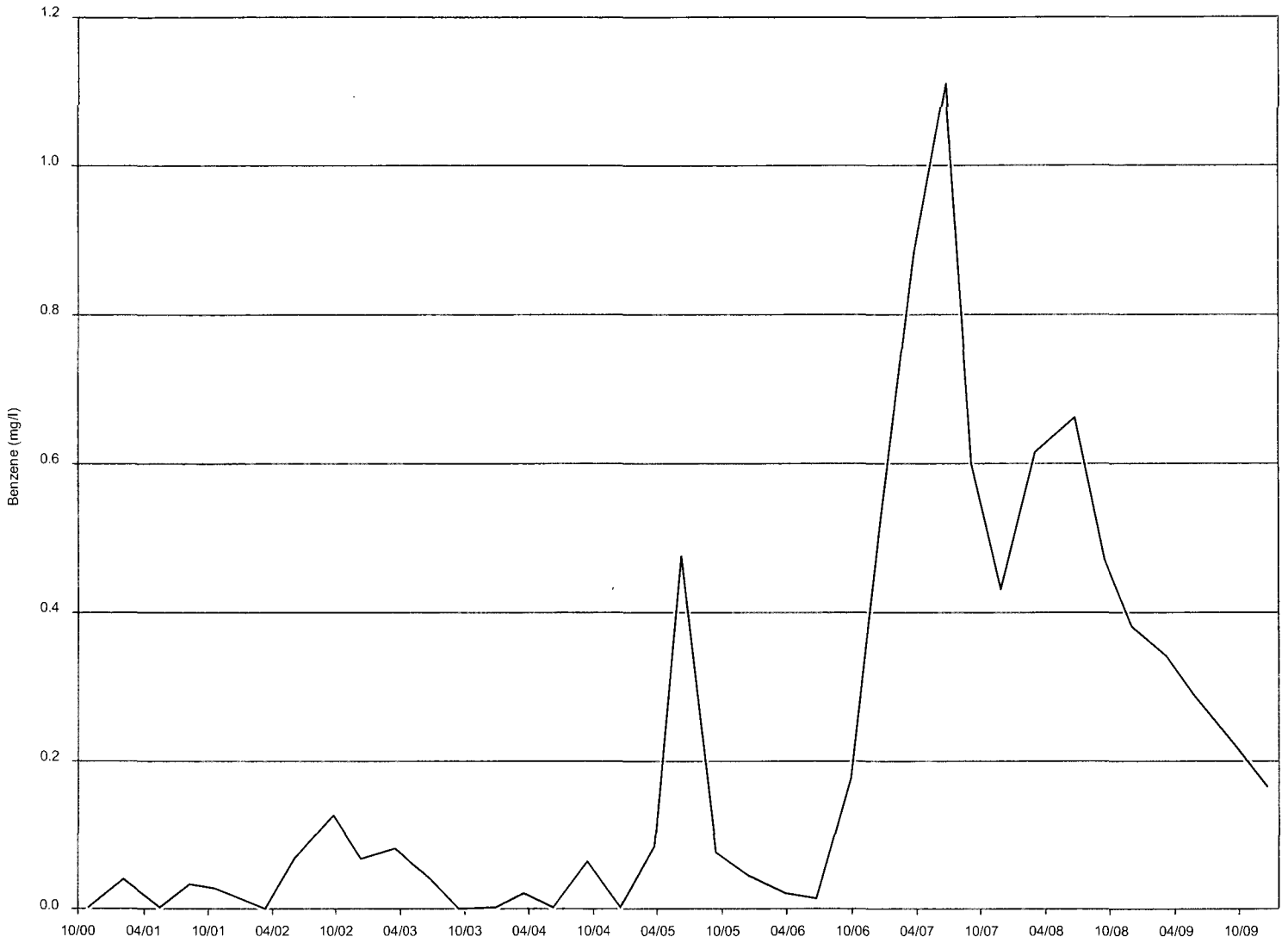

Figure 6 – Benzene Concentrations Verses Time in MW-14

Hobbs Booster Station

dcp Midstream.

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DATE: 2/10

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	Sep-09	Dec-09
MW-1	3578.72	3578.55	3578.40	3578.95		3577.97	3577.73		3577.35		3575.91	3576.64
MW-2	3580.96	3580.83	3580.61	3581.18		3579.91	3579.90	3579.75	3579.42		3576.99	3579.39
MW-3	3580.70	3580.58	3580.39	3580.97		3579.85	3579.67	3579.62	3579.22	3578.87	3578.63	3578.30
MW-4	3580.78	3580.64	3580.58	3581.04						3579.34	3579.00	3578.36
MW-5	3579.42	3579.40	3579.00	3579.48		3578.63	3578.39		3578.03	3577.54	3577.36	3577.08
MW-6	3581.27	3581.10	3580.88	3581.41		3580.45	3580.20	3579.99	3579.89	3579.37	3579.26	3579.12
MW-7	3581.85	3581.75	3581.49	3582.02		3580.93	3580.82	3580.77	3580.32	3579.83	3579.90	3579.67
MW-9	3575.99	3575.92	3575.88	3576.40		3575.31	3578.56	3575.08	3574.65		3574.04	3573.77
MW-10	3577.95	3577.83	3577.83	3578.35		3577.29		3576.99	3576.57	3576.19	3575.93	3575.63
MW-11	3579.87	3579.80	3579.73	3580.20							3578.23	3577.74
MW-12	3577.30	3577.17	3577.11	3577.47		3576.48	3576.30	3576.24	3575.89		3575.17	3574.74
MW-13	3577.70	3577.59	3577.64	3578.16	3,579.13	3578.30	3578.05	3578.08	3577.66	3578.16	3577.70	3575.32
MW-14	3575.94	3575.85	3575.87	3576.52	3,575.81	3575.41	3575.07	3575.10	3575.08	3574.33	3574.04	3573.77
MW-15	3578.32	3578.22	3578.29	3578.73	3,578.11	3577.54	3577.41	3577.36	3576.93	3576.56	3576.27	3576.00
MW-16	3580.64	3580.52	3580.33	3580.93	3,580.29	3579.75	3579.59	3579.54	3579.17	3578.76	3578.52	3578.24
MW-17	3573.73	3573.65	3573.69	3574.00		3573.06	3573.82	3572.90	3572.30		3571.88	3571.56
MW-18	3572.97	3573.00	3573.01	3573.58		3572.45	3572.69	3572.30	3571.77		3571.38	3570.97
MW-19	3572.31	3572.36	3572.37	3572.89	3,572.28	3571.83	3572.07	3571.75	3571.20	3570.96	3570.74	3570.47
MW-19d	3572.00	3572.06	3572.08	3572.62		3571.53	3571.77	3571.49	3570.93		3570.45	3570.17
MW-20	3572.07	3572.14	3572.17	3572.71	3,572.02	3571.62	3571.81	3571.71	3571.01	3570.75	3570.55	3570.26
MW-21	3573.23	3573.25	3573.26	3573.84	3,573.12	3572.62	3572.76	3572.62	3572.03	3571.73	3571.54	3571.25
MW-22	3572.20	3572.27	3572.32	3572.88	3,572.23	3571.90	3572.14	3571.72	3571.16	3570.92	3570.70	3572.46
MW-23					3,575.93	3575.46	3575.22	3575.27	3574.42	3574.48	3574.20	3573.86
MW-24					3,575.95	3576.05	3575.29	3575.37	3574.94	3574.59	3574.27	3573.99
MW-25					3,575.35	3574.93	3574.66	3574.76	3574.32	3574.00	3573.67	3573.42

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	May-09	Sep-09	Dec-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	3579.27	3578.50
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	3579.88	3578.23
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	3577.12	3577.03
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	3576.41	3576.19
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	3580.28	3578.20
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	3577.19	3576.94
TW-I	3580.72	3580.20	NM	3578.24	3580.65	3580.16	3586.54	3580.01	3580.12							3578.79	3578.45
TW-J	3579.88	3579.20	NM	3578.28	3579.30	3579.14	3585.85	3579.08	3579.02						3577.63	3577.42	3576.73
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	3573.31	3573.26
TW-L	3578.48	3577.85	NM	3574.44	3578.05	3577.64	3578.90	3577.83	3578.12	3,577.38						3575.27	3575.80
TW-M	3582.39	3581.79	NM	3582.57	3582.07	3581.64	3575.73	3581.32	3582.04						3580.04	3579.95	3579.57
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	3578.78	3577.43
TW-O	3580.03	3579.41	NM	3574.48	3579.67	3579.28	3583.44	3579.13	3579.60						3577.60	3578.47	3577.05
TW-P	3578.67	3578.00	NM	3578.73	3578.91	3578.05	3578.23	3578.06	3578.12						3576.17	3577.58	3576.83
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	3580.32	3576.99
TW-R	3577.72	3577.17	NM	3577.99	3577.61	3577.19	3577.17	3577.55	3577.62	3,577.42					3575.42	3575.39	3575.50
TW-S	3577.63	3577.03	NM	3577.46	3577.40	3576.98	3577.01	3577.18	3578.37							3576.83	3574.97
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	3571.92	3571.66
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	3571.49	3571.25
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	3571.40	3571.12
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		3572.21	3572.00

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
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	Sep-09	Dec-09
MW-1	0.1	0.0	0.0	0.04	0.07	0.07	0.00		0.15	0.13		0.31		0.91	
MW-2	0.01	0.0	0.0	0.00	0.00	0.00	0.00		0.00	0.00		0.01		2.52	
MW-4*		1.68	1.53	1.78	1.94	2.07	1.44						5.03	4.97	3.52
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		2.64	3.17
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							0.09	12.17
MW-12	2.69	1.98	1.88	2.17	2.22	2.31	1.78		2.92	3.09	3.18	3.76		4.70	6.25
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	10.14	7.75
MW-17	0.5	0.00	0.42	0.01	0.47	0.48	1.5		0.65	0.00	0.72	1.12		0.76	0.89
MW-18	0.0	0.00	0.31	0.00	0.00	Sheen	0.00		0.00	0.00					0.06
TW-A*		0.01	0.03	0.07	0.03	0.08	0.00		0.00	0.02	0.86	0.62	4.69	3.87	4.73
TW-B*		2.06	1.57	0.36	0.54	3.2	3.36		3.36	0.25	7.84	3.55	8.24	8.59	7.50
TW-C*		0.43	9.94	11.02	11.09		8.57		0.42	0.70	2.23	0.52	5.33	1.80	6.04
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	5.06	5.06
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	1.32	3.10
TW-I*		0.0	2.03	0.14	0.36	3.04	2.89							1.07	7.55
TW-J*		0.0	1.16	1.57	1.82	1.96	2.11						2.13	0.26	4.27
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	9.02	7.74
TW-L*		0.0	4.31	0.60	1.09	5.89	5.01	6.21						1.53	6.43
TW-M*		0.0	0.0	0.00	0.00	Sheen	0.00						0.00	0.01	0.18
TW-N	0.03	0.02	0.01	0.01	0.01	0.03	0.00		0.03	0.01		0.01		0.02	0.07
TW-O*		0.0	0.0	0.0	0.00	0.00	0.00						0.12		0.07
TW-P*		0.0	0.12	4.95	5.07	5.04	4.45						0.89	4.23	5.37
TW-R*		3.51	4.82	1.79	0.67	3.24	0.52	4.41					5.55	8.42	5.40
TW-S*		2.94	2.93	0.62	1.09	5.31	0.68							5.46	3.59
RW-1		1.76	1.67	2.08	2.28	2.41	0.00				3.47			3.85	
AA*		0.19	0.73	1.38	0.06	0.14	0.56		1.35	5.95	1.10	0.76	0.24	3.09	7.07
BB*		0.18	0.12	0.31	0.00		0.00		0	0.12	0.02	2.25	3.6	3.80	2.88
CC*		1.38	1.25	0.68	0.82	2.43	1.89		7.13	5.75	5.12	4.23	5.13	5.07	3.83
DD*		1.79	1.82	0.24	0.41	2.46	1.06		0.47	0.51	1.71	2.67	0.66	0.64	5.66
EE*		3.45	3.27	0.62	1.98	4.07	3.26		0.95	0.11	1.76	4.37	0.76	1.83	7.41
FF*		2.62	6.55	7.29	0.88	5.99	4.87		1.1	0.40	5.31	4.27	2.38	0.33	4.1
GG*		7.58	7.66	7.57	7.94	4.25	5.11		1.83	7.48	10.26	10.4	10.77	12.66	10.21
HH*		1.52	1.78	0.54	0.03	0.81	1.46		3.02	7.97	1.57	0.43		8.04	7.83
II*		0.17	0.15	0.37	0.25	0.28	0.42		7.53	5.91	5.47	5.52	6.67	6.30	3.55
JJ*		0.27	0.10	0.07	0.11	0.31	0.69		4.28	3.49	1.34	5.71	6.55	3.93	5.96
KK*			2.93	0.42	0.79	3.5	2.89		3.13	0.99	0.83	0.50	0.80	7.50	7.52

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
MW-1					0.0169											
MW-2					0.118			0.534								
MW-3					0.0025			0.0018				0.0012				
MW-4																
MW-5					<0.002			<0.002				<0.002				
MW-6					<0.002			<0.002				<0.002				
MW-7								<0.002				<0.002				
MW-8																
MW-9																
MW-10								0.615				0.42				
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
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
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
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
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
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
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
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
MW-23															0.00075J	0.0027
MW-24															0.0042	<0.002
MW-25															0.0012J	<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	Sep-08	Dec-08	Mar-09	May-09	Sep-09	Dec-09
MW-1						
MW-2						
MW-3	0.00065 J				<0.002	
MW-4						
MW-5	<0.002				<0.002	
MW-6	<0.002				<0.002	
MW-7			<0.002		<0.002	
MW-8						
MW-9						
MW-10	0.114				0.0813	
MW-14	0.47	0.380	0.338	0.287	0.220	0.169
MW-15	0.0024	<0.002	<0.002	0.0024	0.0033	0.00093J
MW-16	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
MW-17						
MW-18		0.0216			0.0445	
MW-19	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
MW-19D	0.0014 J	0.0016J	<0.002	0.00074J	0.0011J	0.0009J
MW-20	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
MW-21	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
MW-22	0.0072	0.0064	0.0048	0.0046	0.0026	0.0028
MW-23	0.0021	<0.002	0.00049J	<0.002	<0.002	<0.002
MW-24	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
MW-25	<0.002	<0.002	<0.002	<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
MW-1					<0.002											
MW-2					0.0153			0.0132								
MW-3					<0.002			<0.002				<0.002				
MW-4																
MW-5					<0.002			<0.002				<0.002				
MW-6					<0.002			<0.002				<0.002				
MW-7								<0.002				<0.002				
MW-8																
MW-9																
MW-10								0.0195				0.0037				
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
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
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
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
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
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
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
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
MW-23															<0.002	<0.002
MW-24															0.005	<0.002
MW-25															0.0015J	<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	Sep-08	Dec-08	Mar-09	May-09	Sep-09	Dec-09
MW-1						
MW-2						
MW-3	<0.002				<0.002	
MW-4						
MW-5	<0.002				<0.002	
MW-6	<0.002				<0.002	
MW-7			<0.002		<0.002	
MW-8						
MW-9						
MW-10	0.00094 J				<0.002	
MW-14	<0.002	<0.002	<0.002	<0.01	<0.002	<0.002
MW-15	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
MW-16	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
MW-17						
MW-18		<0.002			0.0026	
MW-19	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
MW-19D	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
MW-20	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
MW-21	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
MW-22	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
MW-23	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
MW-24	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
MW-25	<0.002	<0.002	<0.002	<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
MW-1					0.0468											
MW-2					0.0493			0.209								
MW-3					0.242			0.139				0.21				
MW-4																
MW-5					<0.002			<0.002				<0.002				
MW-6					<0.002			<0.002				<0.002				
MW-7								<0.002				<0.002				
MW-8																
MW-9																
MW-10								0.185				0.22				
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
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
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
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
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
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
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
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
MW-23															<0.002	<0.002
MW-24															<0.002	<0.002
MW-25															<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	Sep-08	Dec-08	Mar-09	May-09	Sep-09	Dec-09
MW-1						
MW-2						
MW-3	0.0463				0.0123	
MW-4						
MW-5	<0.002				<0.002	
MW-6	<0.002				<0.002	
MW-7			<0.002		<0.002	
MW-8						
MW-9						
MW-10	0.284				0.343	
MW-14	0.0164	<0.002	0.0172	0.0105	0.0077	0.0037
MW-15	0.0316	<0.002	<0.002	0.0413	0.0501	0.0137
MW-16	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
MW-17						
MW-18		0.0221			0.0297	
MW-19	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
MW-19D	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
MW-20	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
MW-21	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
MW-22	<0.002	<0.002	<0.002	0.00069J	<0.002	<0.002
MW-23	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
MW-24	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
MW-25	<0.002	<0.002	<0.002	<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
MW-1					0.0655											
MW-2					0.098			0.356								
MW-3					0.168			0.089				0.1				
MW-4																
MW-5					<0.006			<0.006				<0.006				
MW-6					<0.006			<0.006				<0.006				
MW-7								<0.006				<0.006				
MW-8																
MW-9																
MW-10								0.259				0.31				
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
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
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
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
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
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
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
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
MW-23															<0.002	<0.006
MW-24															<0.002	<0.006
MW-25															<0.002	<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 HOBBS BOOSTER STATION
SUMMARY OF TOTAL XYLENES CONCENTRATIONS IN GROUNDWATER (continued)

Well	Sep-08	Dec-08	Mar-09	May-09	Sep-09	Dec-09
MW-1						
MW-2						
MW-3	<0.002				0.0031J	
MW-4						
MW-5	<0.002				<0.006	
MW-6	<0.002				<0.006	
MW-7			<0.006		<0.006	
MW-8						
MW-9						
MW-10	0.00094 J				0.0115J	
MW-14	<0.002	<0.006	<0.006	<0.03	<0.006	<0.006
MW-15	<0.002	<0.006	<0.006	<0.006	<0.006	<0.006
MW-16	<0.002	<0.006	<0.006	<0.006	<0.006	<0.006
MW-17						
MW-18		0.0183			0.0264	
MW-19	<0.002	<0.006	<0.006	<0.006	<0.006	<0.006
MW-19D	<0.002	<0.006	<0.006	<0.006	<0.006	<0.006
MW-20	<0.002	<0.006	<0.006	<0.006	<0.006	<0.006
MW-21	<0.002	<0.006	<0.006	<0.006	<0.006	<0.006
MW-22	<0.002	<0.006	0.0043J	0.002J	<0.006	<0.006
MW-23	<0.002	<0.006	<0.006	<0.006	<0.006	<0.006
MW-24	<0.002	<0.006	<0.006	<0.006	<0.006	<0.006
MW-25	<0.002	<0.006	<0.006	<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: 12/20/2009

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: 47.65 Feet

HEIGHT OF WATER COLUMN: 18.35 Feet

WELL DIAMETER: 2.0 Inch

9.0 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
	3.0	20.5	1.51	7.57			
	6.0	21.1	1.39	7.61			
	9.0	21.3	1.36	7.61			
	9.0	: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: 12/20/2009
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: 43.39 Feet
HEIGHT OF WATER COLUMN: 15.61 Feet
WELL DIAMETER: 2.0 Inch

7.6 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
	2.6	20.3	1.13	6.96			
	5.2	20.6	1.11	6.97			
	7.8	20.7	1.11	7.00			
	7.8	: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: 12/20/2009

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: 43.63 Feet

HEIGHT OF WATER COLUMN: 14.37 Feet

WELL DIAMETER: 2.0 Inch

7.0 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	19.8	1.24				
	5.0	20.0	1.21				
	7.5	20.1	1.19				
	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: 12/20/2009

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: 53.65 Feet
HEIGHT OF WATER COLUMN: 14.35 Feet
WELL DIAMETER: 2.0 Inch

7.0 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
	2.6	18.9	1.86	7.11			
	5.2	19.0	1.81	7.12			
	7.8	19.0	1.80	7.02			
	7.8	:Total Vol (gal)					

SAMPLE NAME: MW-19

ANALYSES: BTEX (8260)

COMMENTS: Collected MS/MSD Sample

WELL SAMPLING DATA FORM

CLIENT: DCP Midstream
WELL ID: **MW-19d**
SITE NAME: Hobbs Booster Station
DATE: 12/20/2009
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: 53.62 Feet
HEIGHT OF WATER COLUMN: 29.38 Feet
WELL DIAMETER: 2.0 Inch

14.4 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	19.0	1.50	7.38			
	10.0	19.1	1.49	7.24			
	15.0	19.1	1.49	7.49			
	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: 12/20/2009

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: 51.23 Feet

HEIGHT OF WATER COLUMN: 7.77 Feet

WELL DIAMETER: 2.0 Inch

3.8 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
	1.3	19.0	0.96	7.25			
	2.6	18.7	0.97	7.01			
	3.9	18.6	1.05	7.02			
	3.9	: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: 12/20/2009
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: 53.00 Feet
HEIGHT OF WATER COLUMN: 8.00 Feet
WELL DIAMETER: 2.0 Inch

3.9 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
	1.3	19.7	1.38				
	2.6	19.8	1.43				
	3.9	19.8	1.43				
	3.9	: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: 12/20/2009

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: 52.70 Feet

HEIGHT OF WATER COLUMN: 7.30 Feet

WELL DIAMETER: 2.0 Inch

3.6 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
	1.3	19.2	1.28	7.41			
	2.6	19.4	1.28	7.29			
	3.9	19.5	1.28	7.29			
	3.9	:Total Vol (gal)					

SAMPLE NAME: MW-22

ANALYSES: BTEX (8260)

COMMENTS: _____

Gulf Coast ACCUTEST Laboratories

IT'S ALL IN THE CHEMISTRY

02/17/10

Technical Report for

DCP Midstream, LLC

AECCOLI: Hobbs Booster Station

Accutest Job Number: T44626

Sampling Date: 12/20/09

Report to:

American Environmental Consulting

mstewart@aecdenver.com

ATTN: Mike Stewart

Total number of pages in report: **36**

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: T44626

AECCOLI: Hobbs Booster Station

Sample Number	Collected Date	Time	By	Received	Matrix Code	Matrix Type	Client Sample ID
T44626-1	12/20/09	14:55		12/22/09	AQ	Ground Water	MW-14
T44626-2	12/20/09	14:15		12/22/09	AQ	Ground Water	MW-15
T44626-3	12/20/09	13:35		12/22/09	AQ	Ground Water	MW-16
T44626-4	12/20/09	12:35		12/22/09	AQ	Ground Water	MW-19
T44626-4D	12/20/09	12:35		12/22/09	AQ	Water Dup/MSD	MW-19 MSD
T44626-4S	12/20/09	12:35		12/22/09	AQ	Water Matrix Spike	MW-19 MS
T44626-5	12/20/09	12:45		12/22/09	AQ	Ground Water	MW-19D
T44626-6	12/20/09	15:25		12/22/09	AQ	Ground Water	MW-20
T44626-7	12/20/09	13:15		12/22/09	AQ	Ground Water	MW-21
T44626-8	12/20/09	00:00		12/22/09	AQ	Ground Water	DUPLICATE
T44626-9	12/20/09	00:00		12/22/09	AQ	Trip Blank Water	TRIP BLANK
T44626-10	12/20/09	13:00		12/22/09	AQ	Ground Water	MW-22
T44626-11	12/20/09	14:55		12/22/09	AQ	Ground Water	MW-23

Sample Summary
(continued)

DCP Midstream, LLC

Job No: T44626

AECCOLI: Hobbs Booster Station

Sample Number	Collected Date	Time	By	Received	Matrix Code	Matrix Type	Client Sample ID
T44626-12	12/20/09	14:25		12/22/09	AQ	Ground Water	MW-24
T44626-13	12/20/09	14:25		12/22/09	AQ	Ground Water	MW-25

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	MW-14		
Lab Sample ID:	T44626-1	Date Sampled:	12/20/09
Matrix:	AQ - Ground Water	Date Received:	12/22/09
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	C0006008.D	1	12/31/09	AP	n/a	n/a	VC275
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	0.165	0.0020	0.00050	mg/l	
108-88-3	Toluene	ND	0.0020	0.00043	mg/l	
100-41-4	Ethylbenzene	0.0037	0.0020	0.00055	mg/l	
1330-20-7	Xylene (total)	ND	0.0060	0.0017	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	83%		79-122%
17060-07-0	1,2-Dichloroethane-D4	75%		75-121%
2037-26-5	Toluene-D8	100%		87-119%
460-00-4	4-Bromofluorobenzene	93%		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:	T44626-2	Date Sampled:	12/20/09
Matrix:	AQ - Ground Water	Date Received:	12/22/09
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	C0006010.D	1	12/31/09	AP	n/a	n/a	VC275
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	0.00093	0.0020	0.00050	mg/l	J
108-88-3	Toluene	ND	0.0020	0.00043	mg/l	
100-41-4	Ethylbenzene	0.0137	0.0020	0.00055	mg/l	
1330-20-7	Xylene (total)	ND	0.0060	0.0017	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	80%		79-122%
17060-07-0	1,2-Dichloroethane-D4	83%		75-121%
2037-26-5	Toluene-D8	100%		87-119%
460-00-4	4-Bromofluorobenzene	88%		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-16		
Lab Sample ID:	T44626-3	Date Sampled:	12/20/09
Matrix:	AQ - Ground Water	Date Received:	12/22/09
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	C0006011.D	1	12/31/09	AP	n/a	n/a	VC275
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	0.00050	mg/l	
108-88-3	Toluene	ND	0.0020	0.00043	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00055	mg/l	
1330-20-7	Xylene (total)	ND	0.0060	0.0017	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	82%		79-122%
17060-07-0	1,2-Dichloroethane-D4	75%		75-121%
2037-26-5	Toluene-D8	98%		87-119%
460-00-4	4-Bromofluorobenzene	89%		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:	T44626-4	Date Sampled:	12/20/09
Matrix:	AQ - Ground Water	Date Received:	12/22/09
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	C0005973.D	1	12/30/09	AP	n/a	n/a	VC274
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	0.00050	mg/l	
108-88-3	Toluene	ND	0.0020	0.00043	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00055	mg/l	
1330-20-7	Xylene (total)	ND	0.0060	0.0017	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	95%		79-122%
17060-07-0	1,2-Dichloroethane-D4	111%		75-121%
2037-26-5	Toluene-D8	101%		87-119%
460-00-4	4-Bromofluorobenzene	101%		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:	T44626-5	Date Sampled:	12/20/09
Matrix:	AQ - Ground Water	Date Received:	12/22/09
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	C0006012.D	1	12/31/09	AP	n/a	n/a	VC275
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	0.00090	0.0020	0.00050	mg/l	J
108-88-3	Toluene	ND	0.0020	0.00043	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00055	mg/l	
1330-20-7	Xylene (total)	ND	0.0060	0.0017	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	83%		79-122%
17060-07-0	1,2-Dichloroethane-D4	76%		75-121%
2037-26-5	Toluene-D8	100%		87-119%
460-00-4	4-Bromofluorobenzene	90%		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:	T44626-6	Date Sampled:	12/20/09
Matrix:	AQ - Ground Water	Date Received:	12/22/09
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	C0006013.D	1	12/31/09	AP	n/a	n/a	VC275
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	0.00050	mg/l	
108-88-3	Toluene	ND	0.0020	0.00043	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00055	mg/l	
1330-20-7	Xylene (total)	ND	0.0060	0.0017	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	83%		79-122%
17060-07-0	1,2-Dichloroethane-D4	77%		75-121%
2037-26-5	Toluene-D8	99%		87-119%
460-00-4	4-Bromofluorobenzene	88%		80-133%

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

Report of Analysis

Client Sample ID:	MW-21		
Lab Sample ID:	T44626-7	Date Sampled:	12/20/09
Matrix:	AQ - Ground Water	Date Received:	12/22/09
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	F022890.D	1	12/31/09	AP	n/a	n/a	VF3706
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	0.00050	mg/l	
108-88-3	Toluene	ND	0.0020	0.00043	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00055	mg/l	
1330-20-7	Xylene (total)	ND	0.0060	0.0017	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	121%		79-122%
17060-07-0	1,2-Dichloroethane-D4	118%		75-121%
2037-26-5	Toluene-D8	95%		87-119%
460-00-4	4-Bromofluorobenzene	96%		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:	DUPLICATE		
Lab Sample ID:	T44626-8	Date Sampled:	12/20/09
Matrix:	AQ - Ground Water	Date Received:	12/22/09
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	C0006015.D	1	12/31/09	AP	n/a	n/a	VC275
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	0.172	0.0020	0.00050	mg/l	
108-88-3	Toluene	ND	0.0020	0.00043	mg/l	
100-41-4	Ethylbenzene	0.0037	0.0020	0.00055	mg/l	
1330-20-7	Xylene (total)	ND	0.0060	0.0017	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	84%		79-122%
17060-07-0	1,2-Dichloroethane-D4	80%		75-121%
2037-26-5	Toluene-D8	98%		87-119%
460-00-4	4-Bromofluorobenzene	93%		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:	T44626-9	Date Sampled:	12/20/09
Matrix:	AQ - Trip Blank Water	Date Received:	12/22/09
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	C0005972.D	1	12/30/09	AP	n/a	n/a	VC274
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	0.00050	mg/l	
108-88-3	Toluene	ND	0.0020	0.00043	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00055	mg/l	
1330-20-7	Xylene (total)	ND	0.0060	0.0017	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	112%		75-121%
2037-26-5	Toluene-D8	102%		87-119%
460-00-4	4-Bromofluorobenzene	100%		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:	T44626-10	Date Sampled:	12/20/09
Matrix:	AQ - Ground Water	Date Received:	12/22/09
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	C0006017.D	1	12/31/09	AP	n/a	n/a	VC275
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	0.0028	0.0020	0.00050	mg/l	
108-88-3	Toluene	ND	0.0020	0.00043	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00055	mg/l	
1330-20-7	Xylene (total)	ND	0.0060	0.0017	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	84%		79-122%
17060-07-0	1,2-Dichloroethane-D4	85%		75-121%
2037-26-5	Toluene-D8	100%		87-119%
460-00-4	4-Bromofluorobenzene	90%		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-23		
Lab Sample ID:	T44626-11	Date Sampled:	12/20/09
Matrix:	AQ - Ground Water	Date Received:	12/22/09
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	C0006018.D	1	12/31/09	AP	n/a	n/a	VC275
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	0.00050	mg/l	
108-88-3	Toluene	ND	0.0020	0.00043	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00055	mg/l	
1330-20-7	Xylene (total)	ND	0.0060	0.0017	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	86%		79-122%
17060-07-0	1,2-Dichloroethane-D4	84%		75-121%
2037-26-5	Toluene-D8	98%		87-119%
460-00-4	4-Bromofluorobenzene	98%		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-24		
Lab Sample ID:	T44626-12	Date Sampled:	12/20/09
Matrix:	AQ - Ground Water	Date Received:	12/22/09
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	M0023393.D	1	12/31/09	JL	n/a	n/a	VM942
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	0.00050	mg/l	
108-88-3	Toluene	ND	0.0020	0.00043	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00055	mg/l	
1330-20-7	Xylene (total)	ND	0.0060	0.0017	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	106%		79-122%
17060-07-0	1,2-Dichloroethane-D4	99%		75-121%
2037-26-5	Toluene-D8	102%		87-119%
460-00-4	4-Bromofluorobenzene	96%		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@41515 17:35 17-Feb-2010

Report of Analysis

Client Sample ID:	MW-25		
Lab Sample ID:	T44626-13	Date Sampled:	12/20/09
Matrix:	AQ - Ground Water	Date Received:	12/22/09
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	M0023394.D	1	12/31/09	JL	n/a	n/a	VM942
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	0.00050	mg/l	
108-88-3	Toluene	ND	0.0020	0.00043	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00055	mg/l	
1330-20-7	Xylene (total)	ND	0.0060	0.0017	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	99%		75-121%
2037-26-5	Toluene-D8	101%		87-119%
460-00-4	4-Bromofluorobenzene	96%		80-133%

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

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

CHAIN OF CUSTODY

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

Page ____ of

FED-EX Tracking # | Bottle Order Control #

Accutest Quote # | Accutest Job # T44626

Client / Reporting Information

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

Project Information

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

Requested Analyses

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

Accutest Sample #	Field ID / Point of Collection	Collection Date (2009)	Collection Time	Matrix	# of bottles	Number of preserved bottles: HCl	H2SO4	HNO3	NaOH	ENCORE	NaHSO4	MEOH	NONE	BTEX 8260B	LAB USE ONLY
1	MW-14 time 255	12/20	250	GW	3	X								X	
2	MW-15	12/20	215	GW	3	X								X	
3	MW-16	12/20	135	GW	3	X								X	
4	MW-19	12/20	1225	GW	3	X								X	
5	MW-19d 12/20	12/20	1245	GW	3	X								X	
6	MW-20	12/20	325	GW	3	X								X	
7	MW-21	12/20	115	GW	3	X								X	
8	Duplicate	12/20	—	GW	3	X								X	
9	Trip Blank	YES	YES	GW	3	X								X	
4	MW-19 MS/MSD	12/20	1235	GW	6	X								X	

Turnaround Time (Business days)

- [ ] 10 Day *STANDARD* — Approved By:/ Date:
- [X] 7 Day
- [ ] 4 Day *RUSH*
- [ ] 3 Day *EMERGENCY*
- [ ] 2 Day *EMERGENCY*
- [ ] 1 Day *EMERGENCY*
- [ ] Other

Real time analytical data available via Lablink

Data Deliverable Information

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

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

Comments / Remarks

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

	Relinquished by Sampler:	Date Time: 12/21 500	Received By:	Relinquished By:	Date Time: 12/22 905	Received By:
1			1	2 FedEx		2
	Relinquished by:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
3			3	4		4
	Relinquished by:	Date Time:	Received By:	Custody Seal #	Preserved where applicable ☐	On Ice ☒ Cooler Temp. 0.4
5			5			

T44626: Chain of Custody
Page 1 of 4

CHAIN OF CUSTODY

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

FED-EX Tracking # | Bottle Order Control #
Accutest Quote # | Accutest Job # 744626

Client / Reporting Information

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

Project Information

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

Requested Analyses

Matrix Codes

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

Accutest Sample #	Field ID / Point of Collection	Collection Date	Collection Time	Matrix	# of bottles	Number of preserved bottles: HCl	NaOH	ZnAc	H2SO4	ENCORE	NaHSO4	MEOH	NONE	BTEX 8260B	LAB USE ONLY
10	MW-22	12/20	1100	GW	3	X								X	
11	MW-23	12/20	1255	GW	3	X								X	
12	MW-24	12/20	1235	GW	3	X								X	
13	MW-25	12/20	1225	GW	3	X								X	
				GW	3	X									
				GW	3	X									
				GW	3	X									
				GW	3	X									
				GW	3	X									
				GW	3	X									

Turnaround Time (Business days)

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

Approved By:/ Date:

Real time analytical data available via Lablink

Data Deliverable Information

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

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

Comments / Remarks

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

	Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1		12/21 1500	1	2 Fed Ex	12/22/20 700	2
3	Relinquished by:	Date Time:	Received By: 3	Relinquished By: 4	Date Time:	Received By: 4
5	Relinquished by:	Date Time:	Received By: 5	Custody Seal #	Preserved where applicable ☐	On Ice: Y Cooler Temp.: 0.4

3.1 (C)

SAMPLE INSPECTION FORM

Accutest Job Number: T44626 Client: DCP Midstream Date/Time Received: 12/22/09 0900

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

Cooler Temps: #1: 0.4 #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 rcvd but no analysis on COC
- [ ] Sample listed on COC, but not received
- [ ] Bottles missing for requested analysis
- [ ] Insufficient volume for analysis
- [ ] Sample received improperly preserved

TRIP BLANK INFORMATION
- [ ] Trip Blank on COC but not received
- [ ] Trip Blank received but not on COC
- [ ] Trip Blank not intact
- [ ] Received Water Trip Blank
- [ ] Received Soil TB

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

Summary of Discrepancies:

1. only received 6 total bottles for MW-19 and MW-19 MS/MSD.
not 9 per COC

TECHNICIAN SIGNATURE/DATE: 12/22/09

INFORMATION AND SAMPLE LABELING VERIFIED BY: GC 12.22.9

CORRECTIVE ACTIONS

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

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

Client Instructions:

3.1
C3

SAMPLE RECEIPT LOG

JOB #: _____ DATE/TIME RECEIVED: 12/22/09 0900

CLIENT: DCP Midstream INITIALS: FF

COOLER#	SAMPLE ID	FIELD ID	DATE	MATRIX	VOL	BOTTLE #	LOCATION	PRESERV	PH	
1	1	MW-14	0235	W	40ml	1-3	VR	1 2 3 4 5 6 7 8	<2	>12
	2	MW-15	0215					1 2 3 4 5 6 7 8	<2	>12
	3	MW-16	0335					1 2 3 4 5 6 7 8	<2	>12
	4	MW-19	1255					1 2 3 4 5 6 7 8	<2	>12
	4	MW-19 (MS/MSD)	"			4-6		1 2 3 4 5 6 7 8	<2	>12
	5	MW-19d	1245			1-3		1 2 3 4 5 6 7 8	<2	>12
	6	MW-20	0325			1-3		1 2 3 4 5 6 7 8	<2	>12
	7	MW-21	0315					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	0100			1-3		1 2 3 4 5 6 7 8	<2	>12
	11	MW-23	0255					1 2 3 4 5 6 7 8	<2	>12
	12	MW-24	0245					1 2 3 4 5 6 7 8	<2	>12
	13	MW-25	"					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
			FF 12/22/09					1 2 3 4 5 6 7 8	<2	>12
								1 2 3 4 5 6 7 8	<2	>12
								1 2 3 4 5 6 7 8	<2	>12
								1 2 3 4 5 6 7 8	<2	>12
								1 2 3 4 5 6 7 8	<2	>12

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 ewn

3.1

(25)

T44626: Chain of Custody
Page 4 of 4

ACCUTEST Laboratories T44626

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: T44626
Account: DUKE DCP Midstream, LLC
Project: AECCOLI: Hobbs Booster Station

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VC274-MB	C0005971.D	1	12/30/09	AP	n/a	n/a	VC274

4.1.1

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

T44626-4, T44626-9

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	2.0	0.50	ug/l	
100-41-4	Ethylbenzene	ND	2.0	0.55	ug/l	
108-88-3	Toluene	ND	2.0	0.43	ug/l	
1330-20-7	Xylene (total)	ND	6.0	1.7	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	94%	79-122%
17060-07-0	1,2-Dichloroethane-D4	108%	75-121%
2037-26-5	Toluene-D8	101%	87-119%
460-00-4	4-Bromofluorobenzene	102%	80-133%

Method Blank Summary

Job Number: T44626
Account: DUKE DCP Midstream, LLC
Project: AECCOLI: Hobbs Booster Station

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VC275-MB	C0005997.D	1	12/30/09	AP	n/a	n/a	VC275

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

T44626-1, T44626-2, T44626-3, T44626-5, T44626-6, T44626-8, T44626-10, T44626-11

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	2.0	0.50	ug/l	
100-41-4	Ethylbenzene	ND	2.0	0.55	ug/l	
108-88-3	Toluene	ND	2.0	0.43	ug/l	
1330-20-7	Xylene (total)	ND	6.0	1.7	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	91%	79-122%
17060-07-0	1,2-Dichloroethane-D4	98%	75-121%
2037-26-5	Toluene-D8	102%	87-119%
460-00-4	4-Bromofluorobenzene	103%	80-133%

Method Blank Summary

Job Number: T44626
Account: DUKE DCP Midstream, LLC
Project: AECCOLI: Hobbs Booster Station

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VM942-MB	M0023385.D	1	12/31/09	JL	n/a	n/a	VM942

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

T44626-12, T44626-13

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	2.0	0.50	ug/l	
100-41-4	Ethylbenzene	ND	2.0	0.55	ug/l	
108-88-3	Toluene	ND	2.0	0.43	ug/l	
1330-20-7	Xylene (total)	ND	6.0	1.7	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	102%	79-122%
17060-07-0	1,2-Dichloroethane-D4	97%	75-121%
2037-26-5	Toluene-D8	101%	87-119%
460-00-4	4-Bromofluorobenzene	94%	80-133%

Method Blank Summary

Job Number: T44626
Account: DUKE DCP Midstream, LLC
Project: AECCOLI: Hobbs Booster Station

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VF3706-MB	F022882.D	1	12/31/09	AP	n/a	n/a	VF3706

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

T44626-7

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	2.0	0.50	ug/l	
100-41-4	Ethylbenzene	ND	2.0	0.55	ug/l	
108-88-3	Toluene	ND	2.0	0.43	ug/l	
1330-20-7	Xylene (total)	ND	6.0	1.7	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	116%	79-122%
17060-07-0	1,2-Dichloroethane-D4	113%	75-121%
2037-26-5	Toluene-D8	97%	87-119%
460-00-4	4-Bromofluorobenzene	98%	80-133%

Blank Spike Summary

Job Number: T44626
Account: DUKE DCP Midstream, LLC
Project: AECCOLI: Hobbs Booster Station

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VC274-BS	C0005969.D	1	12/30/09	AP	n/a	n/a	VC274

4.2.1

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

T44626-4, T44626-9

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	23.3	93	76-118
100-41-4	Ethylbenzene	25	21.7	87	75-112
108-88-3	Toluene	25	22.0	88	77-114
1330-20-7	Xylene (total)	75	66.4	89	75-111

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	95%	79-122%
17060-07-0	1,2-Dichloroethane-D4	108%	75-121%
2037-26-5	Toluene-D8	101%	87-119%
460-00-4	4-Bromofluorobenzene	93%	80-133%

Blank Spike Summary

Job Number: T44626
Account: DUKE DCP Midstream, LLC
Project: AECCOLI: Hobbs Booster Station

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VC275-BS	C0005995.D	1	12/30/09	AP	n/a	n/a	VC275

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

T44626-1, T44626-2, T44626-3, T44626-5, T44626-6, T44626-8, T44626-10, T44626-11

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	22.8	91	76-118
100-41-4	Ethylbenzene	25	21.7	87	75-112
108-88-3	Toluene	25	22.4	90	77-114
1330-20-7	Xylene (total)	75	65.1	87	75-111

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	92%	79-122%
17060-07-0	1,2-Dichloroethane-D4	94%	75-121%
2037-26-5	Toluene-D8	100%	87-119%
460-00-4	4-Bromofluorobenzene	90%	80-133%

Blank Spike Summary

Job Number: T44626
Account: DUKE DCP Midstream, LLC
Project: AECCOLI: Hobbs Booster Station

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VM942-BS	M0023383.D	1	12/30/09	JL	n/a	n/a	VM942

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

T44626-12, T44626-13

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	26.4	106	76-118
100-41-4	Ethylbenzene	25	24.7	99	75-112
108-88-3	Toluene	25	24.7	99	77-114
1330-20-7	Xylene (total)	75	73.7	98	75-111

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	102%	79-122%
17060-07-0	1,2-Dichloroethane-D4	95%	75-121%
2037-26-5	Toluene-D8	99%	87-119%
460-00-4	4-Bromofluorobenzene	95%	80-133%

Blank Spike Summary

Job Number: T44626
Account: DUKE DCP Midstream, LLC
Project: AECCOLI: Hobbs Booster Station

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VF3706-BS	F022880.D	1	12/31/09	AP	n/a	n/a	VF3706

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

T44626-7

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	24.0	96	76-118
100-41-4	Ethylbenzene	25	21.0	84	75-112
108-88-3	Toluene	25	19.3	77	77-114
1330-20-7	Xylene (total)	75	60.4	81	75-111

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	113%	79-122%
17060-07-0	1,2-Dichloroethane-D4	110%	75-121%
2037-26-5	Toluene-D8	98%	87-119%
460-00-4	4-Bromofluorobenzene	97%	80-133%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: T44626
Account: DUKE DCP Midstream, LLC
Project: AECCOLI: Hobbs Booster Station

4.3.1

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
T44626-4MS	C0005974.D	1	12/30/09	AP	n/a	n/a	VC274
T44626-4MSD	C0005975.D	1	12/30/09	AP	n/a	n/a	VC274
T44626-4	C0005973.D	1	12/30/09	AP	n/a	n/a	VC274

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

T44626-4, T44626-9

CAS No.	Compound	T44626-4 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		25	22.2	89	21.8	87	2	76-118/16
100-41-4	Ethylbenzene	ND		25	20.9	84	20.9	84	0	75-112/12
108-88-3	Toluene	ND		25	21.0	84	21.0	84	0	77-114/12
1330-20-7	Xylene (total)	ND		75	63.1	84	63.0	84	0	75-111/12

CAS No.	Surrogate Recoveries	MS	MSD	T44626-4	Limits
1868-53-7	Dibromofluoromethane	93%	91%	95%	79-122%
17060-07-0	1,2-Dichloroethane-D4	109%	103%	111%	75-121%
2037-26-5	Toluene-D8	98%	101%	101%	87-119%
460-00-4	4-Bromofluorobenzene	92%	88%	101%	80-133%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: T44626
Account: DUKE DCP Midstream, LLC
Project: AECCOLI: Hobbs Booster Station

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
T44764-12MS	C0005999.D	1	12/31/09	AP	n/a	n/a	VC275
T44764-12MSD	C0006000.D	1	12/31/09	AP	n/a	n/a	VC275
T44764-12	C0005998.D	1	12/30/09	AP	n/a	n/a	VC275

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

T44626-1, T44626-2, T44626-3, T44626-5, T44626-6, T44626-8, T44626-10, T44626-11

CAS No.	Compound	T44764-12 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	114		25	139	100	137	92	1	76-118/16
100-41-4	Ethylbenzene	0.98	J	25	21.2	81	21.2	81	0	75-112/12
108-88-3	Toluene	7.6		25	29.4	87	29.2	86	1	77-114/12
1330-20-7	Xylene (total)	10		75	74.3	86	73.8	85	1	75-111/12

CAS No.	Surrogate Recoveries	MS	MSD	T44764-12	Limits
1868-53-7	Dibromofluoromethane	90%	87%	91%	79-122%
17060-07-0	1,2-Dichloroethane-D4	96%	86%	98%	75-121%
2037-26-5	Toluene-D8	99%	99%	100%	87-119%
460-00-4	4-Bromofluorobenzene	90%	84%	89%	80-133%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: T44626
Account: DUKE DCP Midstream, LLC
Project: AECCOLI: Hobbs Booster Station

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
T44892-1MS	M0023387.D	1	12/31/09	JL	n/a	n/a	VM942
T44892-1MSD	M0023388.D	1	12/31/09	JL	n/a	n/a	VM942
T44892-1	M0023386.D	1	12/31/09	JL	n/a	n/a	VM942

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

T44626-12, T44626-13

CAS No.	Compound	T44892-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		25	26.0	104	25.4	102	2	76-118/16
100-41-4	Ethylbenzene	ND		25	24.2	97	23.7	95	2	75-112/12
108-88-3	Toluene	ND		25	23.7	95	23.5	94	1	77-114/12
1330-20-7	Xylene (total)	ND		75	70.9	95	69.5	93	2	75-111/12

CAS No.	Surrogate Recoveries	MS	MSD	T44892-1	Limits
1868-53-7	Dibromofluoromethane	103%	102%	103%	79-122%
17060-07-0	1,2-Dichloroethane-D4	97%	98%	98%	75-121%
2037-26-5	Toluene-D8	99%	99%	100%	87-119%
460-00-4	4-Bromofluorobenzene	95%	94%	94%	80-133%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: T44626
Account: DUKE DCP Midstream, LLC
Project: AECCOLI: Hobbs Booster Station

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
T44945-1MS	F022886.D	1	12/31/09	AP	n/a	n/a	VF3706
T44945-1MSD	F022887.D	1	12/31/09	AP	n/a	n/a	VF3706
T44945-1	F022885.D	1	12/31/09	AP	n/a	n/a	VF3706

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

T44626-7

CAS No.	Compound	T44945-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	7.1		25	31.0	96	31.4	97	1	76-118/16
100-41-4	Ethylbenzene	ND		25	21.0	84	21.1	84	0	75-112/12
108-88-3	Toluene	ND		25	18.6	74*	19.1	76*	3	77-114/12
1330-20-7	Xylene (total)	ND		75	61.4	82	61.1	81	0	75-111/12

CAS No.	Surrogate Recoveries	MS	MSD	T44945-1	Limits
1868-53-7	Dibromofluoromethane	122%	117%	123%* [a]	79-122%
17060-07-0	1,2-Dichloroethane-D4	115%	112%	117%	75-121%
2037-26-5	Toluene-D8	93%	94%	96%	87-119%
460-00-4	4-Bromofluorobenzene	93%	93%	98%	80-133%

(a) Outside control limits biased high. There are no target compounds associated with this surrogate.