GW-044

2nd QTR GW monitoring results

DATE:
September 17, 2010

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

September 17, 2010

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

RE: 2nd Quarter 2010 Groundwater Monitoring Results
Hobbs Booster Station, Lea County New Mexico (GW-044)
Unit C and D, Section 4, Township 19 South, Range 38 East

Dear Mr. Lowe:

DCP Midstream, LP (DCP), is pleased to submit for your review, a one copy of the 2nd Quarter 2010 Groundwater Monitoring Report for the DCP Hobbs Booster Station located in Hobbs, New Mexico (Unit C and D Section 4, T19S, R38E (32.696 degrees North, 103.156 degrees West)

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

Sincerely

DCP Midstream, LP

Stephen Weathers, P.G.
Principal Environmental Specialist

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

AEC AMERICAN ENVIRONMENTAL CONSULTING, LLC

September 10, 2010
Mr. Stephen Weathers
DCP Midstream, LP
370 Seventeenth Street, Suite 2500
Denver, Colorado 80202

Subject: Summary of Second Quarter 2010 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 second quarter 2010 groundwater-sampling event that was completed on June 14, 2010 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.

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 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 consistent manner in MW-12, MW-14, MW-20 and TW-Q. It declined more in TW-B and TW-D, and it increased slightly in MW-7. The results demonstrate that the SVE system is pulling the FPH and groundwater up in the area that it is installed.

A water-table contour map for this event that is generated from the 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 be influenced by the vacuum enhancement, are highlighted in red.

Groundwater flow is generally eastward. The fluid level is elevated because of the vaccum enhancement system in the area of the FPH system but these effects attenuate to natural conditions over the remainder of the property. The influence does not appreciably affect the down-gradient flow paths. Also, DCP installed an air sparge system (Figure 2) along the south central site boundary will mitigate any cross-gradient influence.

FPH RECOVERY

The recovery system continues to remove a combination of both FPH and water. The liquids are routed to a 100-barrel tank that is inside secondary containment and is emptied as necessary. The system is inspected twice a week by a local contractor to ensure that it is operating.

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 control ranges.
4. The matrix spike/matrix spike duplicates did not exceed their control limits.
5. The relative percentage difference (RPD) values for benzene and ethylbenzene from primary and duplicate samples from MW-14 were 32 percent and 5.7 percent respectively. 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 south of MW-14. This figure demonstrates that no off-site migration of BTEX constituents above the NMWQCC standards is occurring.

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 June 2007 to the current monitoring event.

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 next groundwater-monitoring episode is scheduled for the third 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 Second Quarter 2010 Fluid Level Measurements

Well	Depth to Water	Depth to Product	Product Thickness	Corrected Groundwater Elevation
MW-1	52.38	49.48	2.90	3576.05
MW-2	47.45	44.14	3.31	3578.39
MW-3	45.12			3577.89
MW-5	52.41			3576.75
MW-6	48.28			3578.65
MW-7	41.19			3580.21
MW-8	46.80	44.16	2.64	3578.98
MW-9	54.19	50.93	3.26	3573.68
MW-10	45.92			3575.15
MW-12	57.16	51.01	6.15	3574.46
MW-13	57.18	47.57	9.61	3576.97
MW-14	48.08			3573.34
MW-15	43.87			3575.52
MW-16	44.12			3577.75
MW-17	53.58	52.64	0.94	3571.13
MW-18	53.89	53.71	0.18	3570.56
MW-19	54.03			3570.09
MW-19D	53.98			3569.81
MW-20	51.56			3569.93
MW-21	53.37			3570.88
MW-22	55.05			3570.11
MW-23	47.68			3573.48
MW-24	45.71			3573.56
MW-25	46.73			3573.00
TW-B	53.74	45.70	8.04	3579.78
TW-C	50.17	50.00	0.17	3576.82
TW-D	56.45	49.02	7.43	3577.74
TW-H	45.79			3576.51
TW-K	61.98	54.60	7.38	3573.00
TW-N	53.90			3578.08
TW-Q	48.23			3576.69
TW-T	57.29			3571.33
TW-U	57.76			3570.91
TW-V	57.79			3570.75
TW-W	55.17			3571.71

All units feet
NA: No measured casing elevation

Table 3 – DCP Hobbs Second Quarter 2010 Groundwater Monitoring Results

Client ID	Benzene	Toluene	Ethyl benzene	Xylene (total)
NMWQCC Standards	0.01	0.75	0.75	0.62
MW-14	**0.081**	<0.002	0.0017J	<0.004
MW-14 DUPLICATE	**0.112**	<0.002	0.0018J	<0.004
MW-15	0.0055	<0.002	0.162	<0.004
MW-16	<0.001	<0.002	<0.002	<0.004
MW-19	<0.001	<0.002	<0.002	<0.004
MW-19D	0.00037J	<0.002	<0.002	<0.004
MW-20	<0.001	<0.002	<0.002	<0.004
MW-21	<0.001	<0.002	<0.002	<0.004
MW-22	0.0023	<0.002	<0.002	0.00097J
MW-23	<0.001	<0.002	<0.002	<0.004
MW-24	<0.001	<0.002	<0.002	<0.004
MW-25	<0.001	<0.002	<0.002	<0.004

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

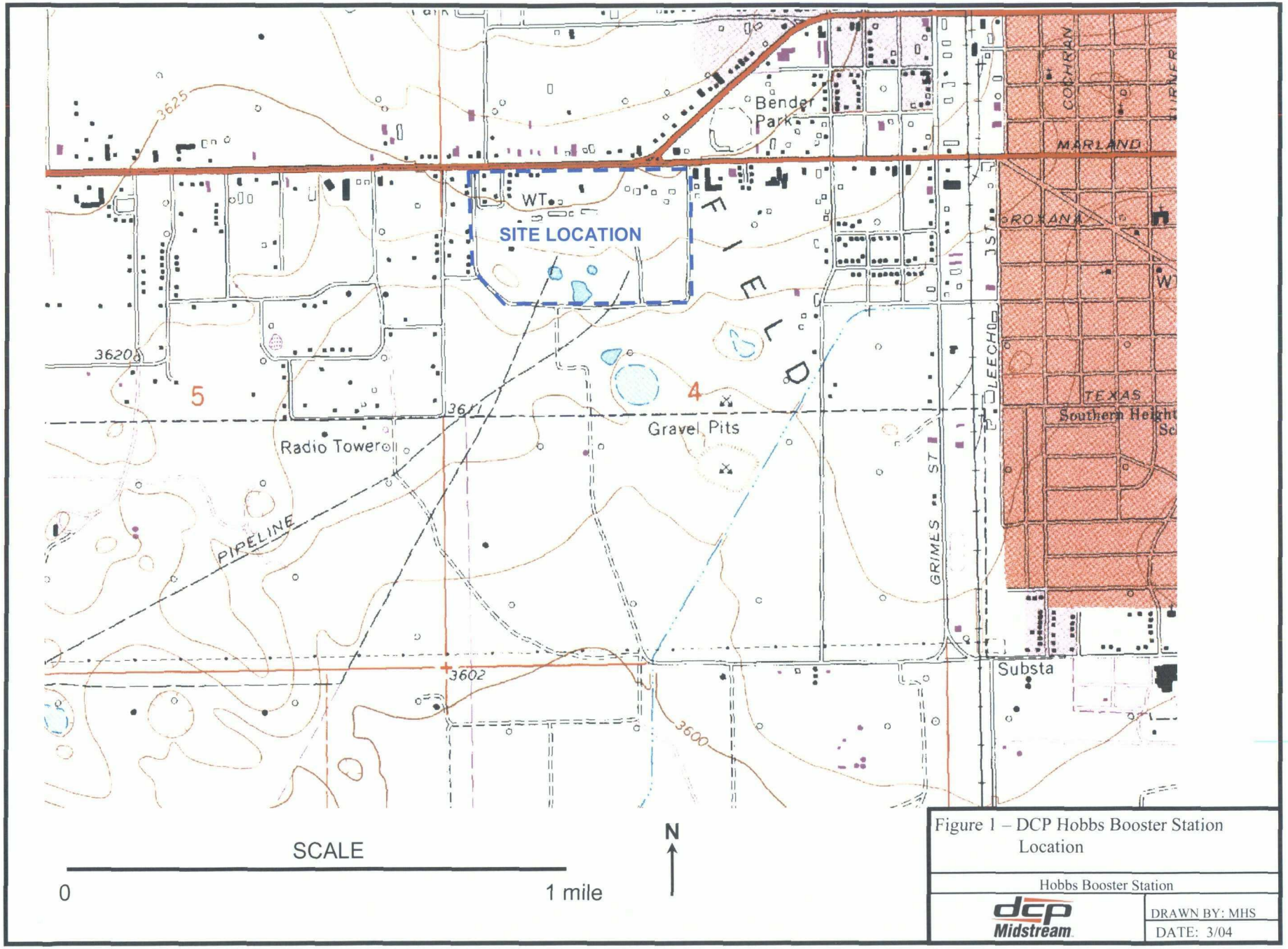
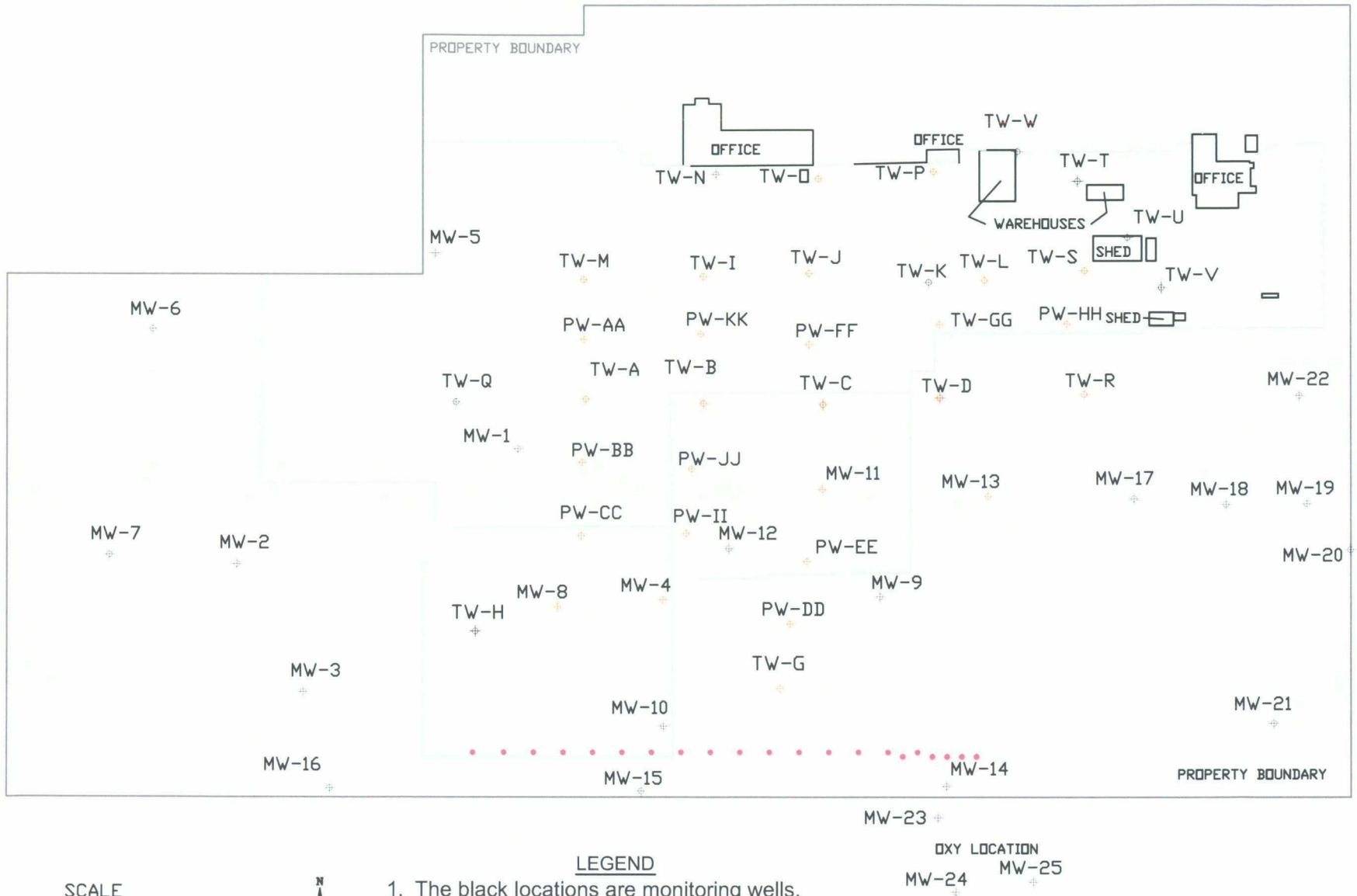


Figure 1 – DCP Hobbs Booster Station Location

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.

dcp Midstream

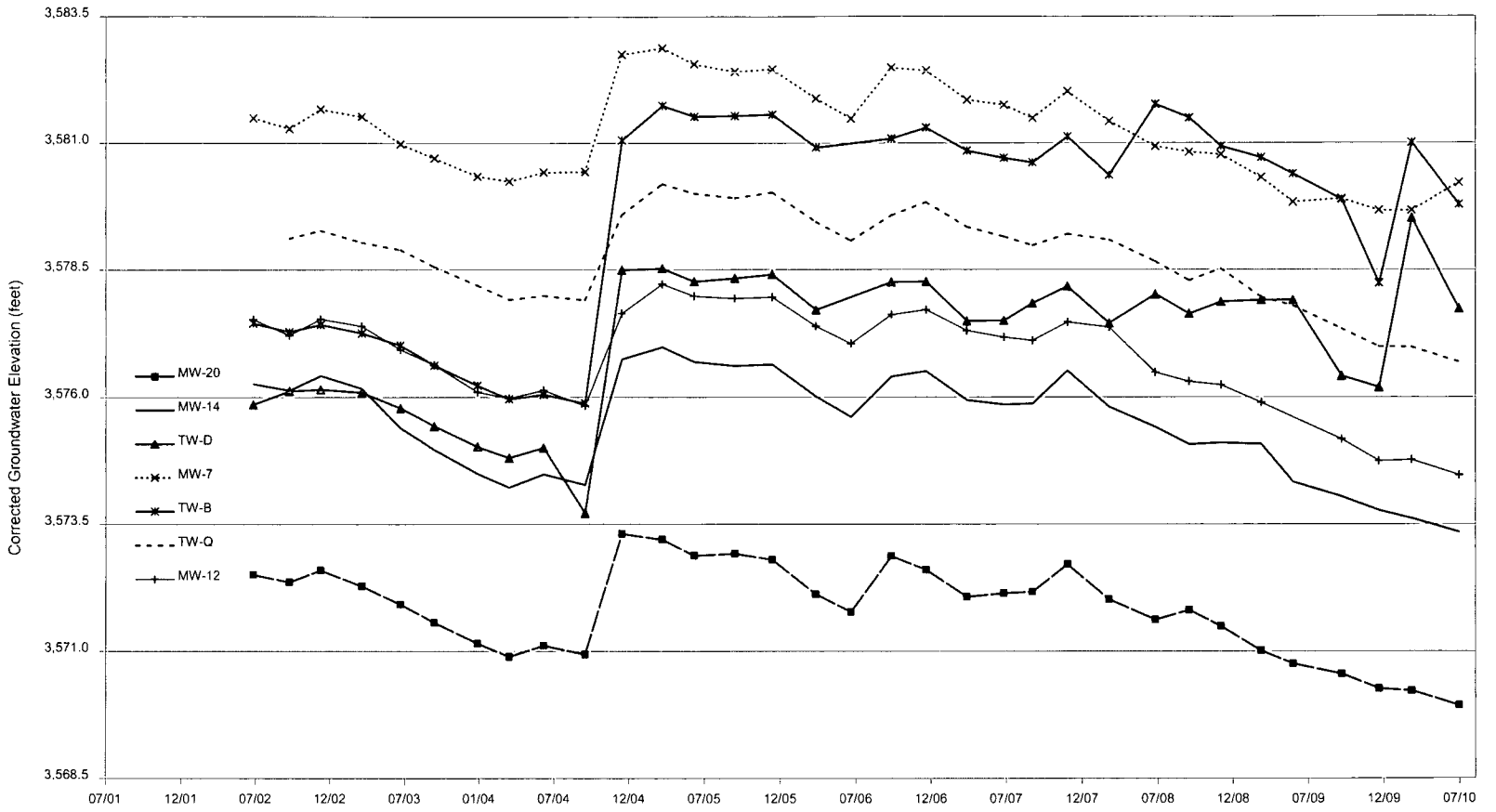
Figure 2 - Well Locations and Uses

Hobbs Booster Station

DRAWN BY: MHS

REVISED:

DATE: 8/10



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.

DRAWN BY: MHS

DATE: 8/10

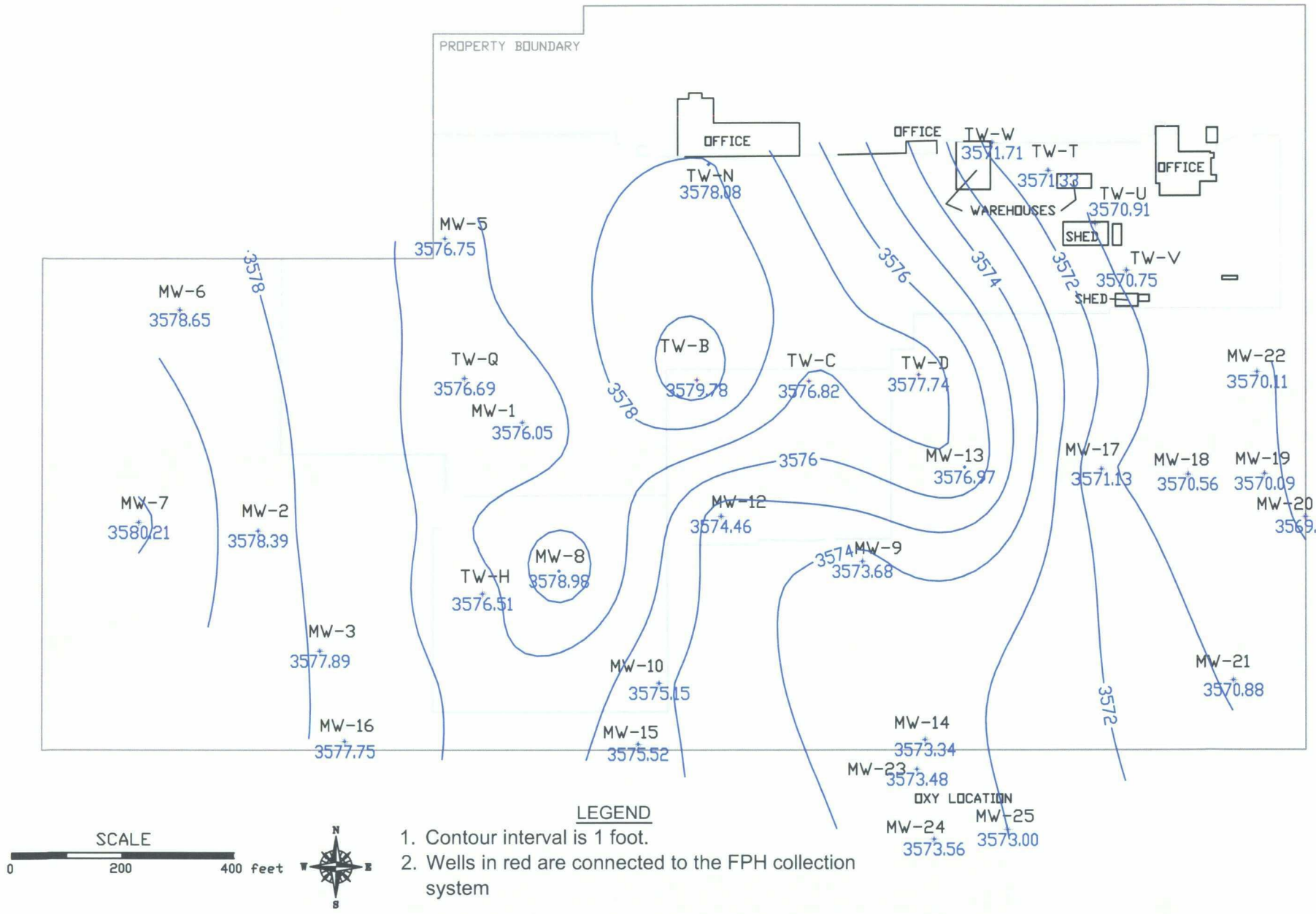


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Figure 4 - Second Quarter 2010 Water Table Contours

Hobbs Booster Station

DRAWN BY: MHS

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DATE: 8/10

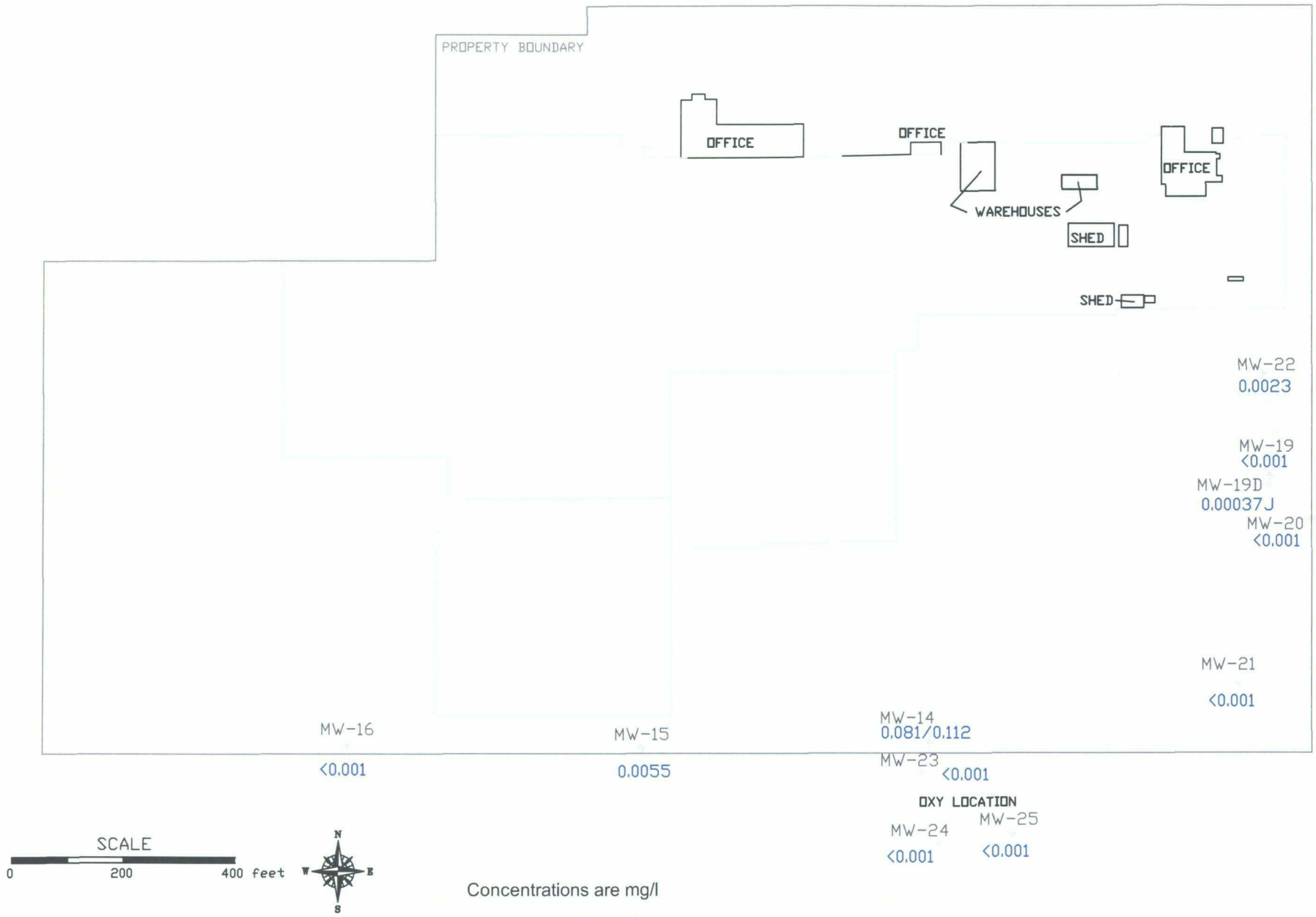

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Figure 5 - Second Quarter 2010 Benzene Concentrations

Hobbs Booster Station

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REVISED:
DATE: 8/10

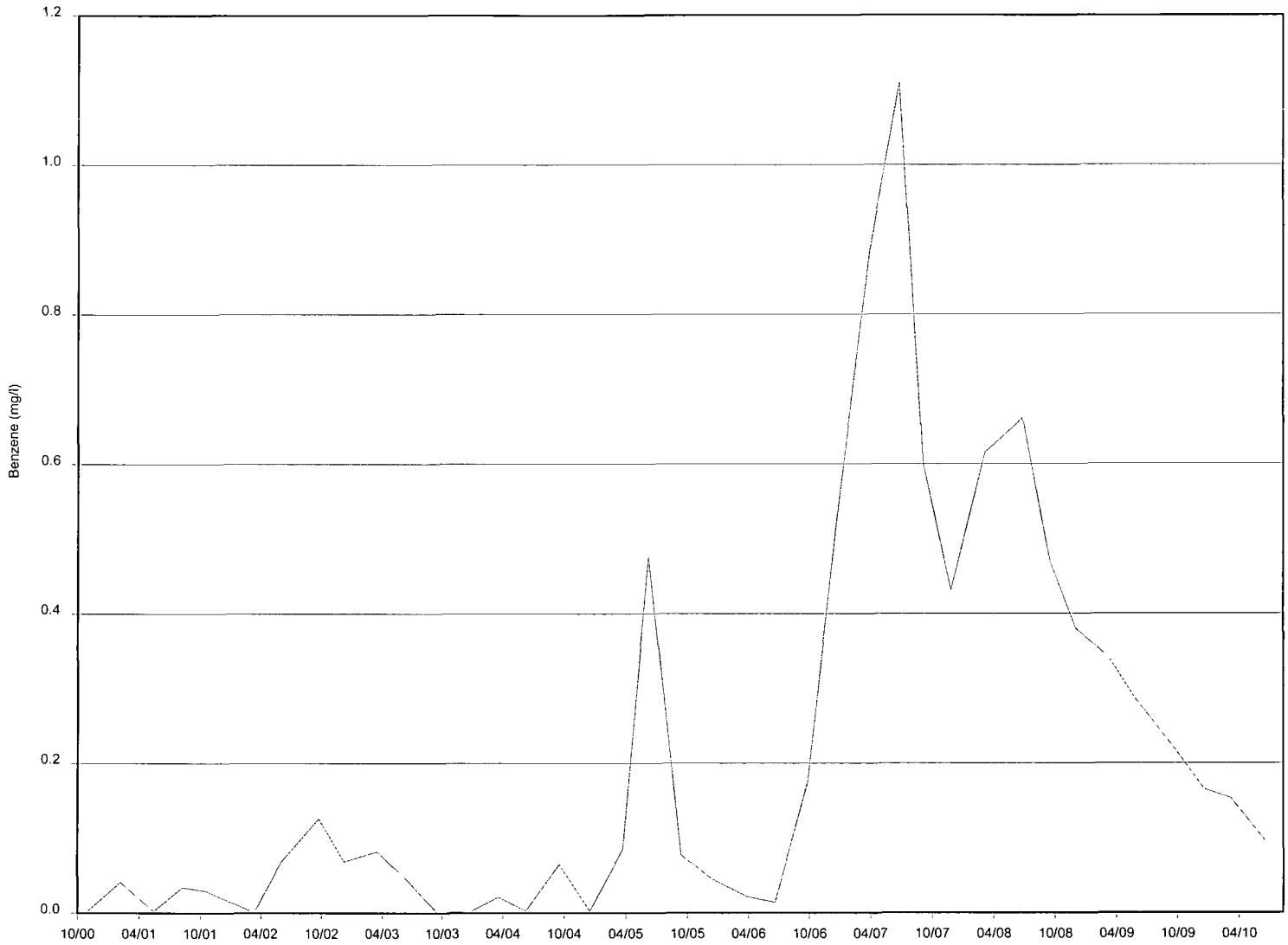

Figure 6 – Benzene Concentrations Verses Time for MW-14

Hobbs Booster Station

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DRAWN BY: MHS

DATE: 8/10

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	Mar-10	Jun-10
MW-1	3578.72	3578.55	3578.40	3578.95		3577.97	3577.73		3577.35		3575.91	3576.64	3576.28	3576.05
MW-2	3580.96	3580.83	3580.61	3581.18		3579.91	3579.90	3579.75	3579.42		3576.99	3579.39	3578.72	3578.39
MW-3	3580.70	3580.58	3580.39	3580.97		3579.85	3579.67	3579.62	3579.22	3578.87	3578.63	3578.30	3578.18	3577.89
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	3577.01	3576.75
MW-6	3581.27	3581.10	3580.88	3581.41		3580.45	3580.20	3579.99	3579.89	3579.37	3579.26	3579.12	3578.93	3578.65
MW-7	3581.85	3581.75	3581.49	3582.02		3580.93	3580.82	3580.77	3580.32	3579.83	3579.90	3579.67	3579.67	3580.21
MW-8	3581.77												3579.24	3578.98
MW-9	3575.99	3575.92	3575.88	3576.40		3575.31	3578.56	3575.08	3574.65		3574.04	3573.77	3572.69	3573.68
MW-10	3577.95	3577.83	3577.83	3578.35		3577.29		3576.99	3576.57	3576.19	3575.93	3575.63	3575.38	3575.15
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	3574.76	3574.46
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	3576.89	3576.97
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	3573.61	3573.34
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	3575.79	3575.52
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	3578.09	3577.75
MW-17	3573.73	3573.65	3573.69	3574.00		3573.06	3573.82	3572.90	3572.30		3571.88	3571.56	3571.46	3571.13
MW-18	3572.97	3573.00	3573.01	3573.58		3572.45	3572.69	3572.30	3571.77		3571.38	3570.97	3570.73	3570.56
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	3570.34	3570.09
MW-19d	3572.00	3572.06	3572.08	3572.62		3571.53	3571.77	3571.49	3570.93		3570.45	3570.17	3570.08	3569.81
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	3570.22	3569.93
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	3571.20	3570.88
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	3570.34	3570.11
MW-23					3,575.93	3575.46	3575.22	3575.27	3574.42	3574.48	3574.20	3573.86	3573.75	3573.48
MW-24					3,575.95	3576.05	3575.29	3575.37	3574.94	3574.59	3574.27	3573.99	3573.81	3573.56
MW-25					3,575.35	3574.93	3574.66	3574.76	3574.32	3574.00	3573.67	3573.42	3573.26	3573.00

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

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

Well	Jun-02	Sep-02	Dec-02	Mar-03	Jun-03	Sep-03	Dec-03	Mar-04	Jun-04	Sep-04	Dec-04	Mar-05	Jun-05	Sep-05	Dec-05	Mar-06	Jun-06
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	3581.92	3581.26	NM
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	3581.57	3580.91	NM
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	3580.20	3579.37	NM
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	3578.41	3577.71	NM
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	3581.77	3580.88	NM
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	3579.98	3579.37	3578.99
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	3580.72	3580.20	NM
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	3579.88	3579.20	NM
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	3575.83	3575.27	3574.89
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	3578.48	3577.85	NM
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	3582.39	3581.79	NM
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	3577.70	3577.07	3576.77
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	3580.03	3579.41	NM
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	3578.67	3578.00	NM
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	3583.00	3582.42	3582.05
TW-R		3574.17	3574.36	3574.22	3573.96	3573.63	3573.22	3572.95	3573.07	3572.64				3577.73	3577.72	3577.17	NM
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	3577.63	3577.03	NM
TW-T									3572.57	3572.42	3574.07	3574.32	3577.58	3574.04	3574.06	3573.46	3573.12
TW-U									3572.28	3572.13	3573.88	3574.10	3574.15	3573.77	3573.79	3573.19	3572.84
TW-V									3572.11	3571.97	3573.83	3574.00	3573.89	3573.67	3573.65	3573.05	3572.69
TW-W									3573.07	3572.93	3574.50	3574.80	3573.76	3574.54	3574.57	3573.99	3573.65

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 FPH CHARACTERIZATION WELLS (CONTINUED)

Well	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	Mar-10	Jun-10
TW-A	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	3579.20	
TW-B	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	3581.00	3579.78
TW-C	3576.80	3576.92	3576.43	3576.35	3626.85			3579.89	3579.53	3579.44	3579.57	3579.60	3577.12	3577.03	3579.05	3576.82
TW-D	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	3579.52	3577.74
TW-G	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	3578.10	
TW-H	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	3576.79	3576.51
TW-I	3578.24	3580.65	3580.16	3586.54	3580.01	3580.12							3578.79	3578.45		
TW-J	3578.28	3579.30	3579.14	3585.85	3579.08	3579.02						3577.63	3577.42	3576.73		
TW-K	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	3575.80	
TW-L	3574.44	3578.05	3577.64	3578.90	3577.83	3578.12	3,577.38						3575.27	3575.80	3580.19	
TW-M	3582.57	3582.07	3581.64	3575.73	3581.32	3582.04						3580.04	3579.95	3579.57		
TW-N	3577.08	3577.34	3576.90	3580.87	3580.45			3580.07	3579.92		3579.42	3579.12	3578.78	3577.43	3578.40	3578.08
TW-O	3574.48	3579.67	3579.28	3583.44	3579.13	3579.60						3577.60	3578.47	3577.05		
TW-P	3578.73	3578.91	3578.05	3578.23	3578.06	3578.12						3576.17	3577.58	3576.83		
TW-Q	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	3576.98	3576.69
TW-R	3577.99	3577.61	3577.19	3577.17	3577.55	3577.62	3,577.42					3575.42	3575.39	3575.50		
TW-S	3577.46	3577.40	3576.98	3577.01	3577.18	3578.37							3576.83	3574.97		
TW-T	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	3571.69	3571.33
TW-U	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	3571.23	3570.91
TW-V	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	3571.11	3570.75
TW-W	3574.30	3574.28	3573.87	3573.86	3573.93	3574.39		3573.59	3573.72	3572.94	3572.82		3572.21	3572.00	3571.96	3571.71

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 HOBBS BOOSTER STATION
FREE PHASE HYDROCARBON THICKNESS MEASUREMENTS (CONTINUED)

Wells	Mar-10	Jun-10
MW-1	1.81	2.9
MW-2	3.22	3.31
MW-4*		
MW-8*	2.79	2.64
MW-9	8.94	3.26
MW-10		
MW-11*		
MW-12	5.49	6.15
MW-13*	10.01	9.61
MW-17	0.81	0.94
MW-18	1.06	0.18
TW-A*	5.99	
TW-B*	1.29	8.04
TW-C*	3.67	0.17
TW-D*	1.35	7.43
TW-G*	4.04	
TW-I*		
TW-J*		
TW-K	9.66	7.38
TW-L*	3.98	
TW-M*		
TW-N	0.05	
TW-O*		
TW-P*		
TW-R*		
TW-S*		
RW-1		3.07
AA*		
BB*		
CC*		
DD*		
EE*		
FF*		
GG*		
HH*		
II*		
JJ*		
KK*		

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	Mar-10	Jun-10
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	0.165	0.153	0.0965
MW-15	0.0024	<0.002	<0.002	0.0024	0.0033	0.00093J	0.0041	0.0055
MW-16	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.001	<0.001
MW-17								
MW-18		0.0216			0.0445			
MW-19	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	0.00051J	<0.001
MW-19D	0.0014 J	0.0016J	<0.002	0.00074J	0.0011J	0.0009J	0.0009J	0.00037J
MW-20	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.001	<0.001
MW-21	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.001	<0.001
MW-22	0.0072	0.0064	0.0048	0.0046	0.0026	0.0028	0.0025	0.0023
MW-23	0.0021	<0.002	0.00049J	<0.002	<0.002	<0.002	<0.001	<0.001
MW-24	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.001	<0.001
MW-25	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<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

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	Mar-10	Jun-10
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	<0.002	<0.002
MW-15	<0.002	<0.002	<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	<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	<0.002	<0.002
MW-19D	<0.002	<0.002	<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	<0.002	<0.002
MW-21	<0.002	<0.002	<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	<0.002	<0.002
MW-23	<0.002	<0.002	<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	<0.002	<0.002
MW-25	<0.002	<0.002	<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	Mar-10	Jun-10
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	0.00285	0.0018
MW-15	0.0316	<0.002	<0.002	0.0413	0.0501	0.0137	0.0988	0.162
MW-16	<0.002	<0.002	<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	<0.002	<0.002
MW-19D	<0.002	<0.002	<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	<0.002	<0.002
MW-21	<0.002	<0.002	<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	<0.002	<0.002
MW-23	<0.002	<0.002	<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	<0.002	<0.002
MW-25	<0.002	<0.002	<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	Mar-10	Jun-10
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	<0.006	<0.004
MW-15	<0.002	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.004
MW-16	<0.002	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.004
MW-17								
MW-18		0.0183			0.0264			
MW-19	<0.002	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.004
MW-19D	<0.002	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.004
MW-20	<0.002	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.004
MW-21	<0.002	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.004
MW-22	<0.002	<0.006	0.0043J	0.002J	<0.006	<0.006	<0.006	0.00097J
MW-23	<0.002	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.004
MW-24	<0.002	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.004
MW-25	<0.002	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.004

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: 6/14/2010
PROJECT NO. NA
SAMPLER: A 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: 48.08 Feet
HEIGHT OF WATER COLUMN: 17.92 Feet
WELL DIAMETER: 2.0 Inch

8.8 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
	3.0	23.3	1.15	7.6			
	6.0	23.2	1.03	7.60			
	9.0	23.2	1.06	7.56			
	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: 6/14/2010
PROJECT NO. NA
SAMPLER: A 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: 43.87 Feet
HEIGHT OF WATER COLUMN: 15.13 Feet
WELL DIAMETER: 2.0 Inch

7.4 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
	2.6	23.1	1.03	6.94			
	5.2	22.6	1.02	6.92			
	7.8	22.5	1.02	7.02			
	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: 6/14/2010

PROJECT NO. NA | SAMPLER: A 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: 44.07 Feet

HEIGHT OF WATER COLUMN: 13.93 Feet

WELL DIAMETER: 2.0 Inch

6.8 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
	2.5	22.4	0.92	7.1			
	5.0	21.9	0.92	7.12			
	7.5	21.7	0.90	7.10			
	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: 6/14/2010

PROJECT NO. NA SAMPLER: A 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: 54.03 Feet

HEIGHT OF WATER COLUMN: 13.97 Feet

WELL DIAMETER: 2.0 Inch

6.8 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
	2.8	22.3	1.47	7.09			
	5.6	21.7	1.50	7.03			
	8.4	21.5	1.47	6.97			
	8.4	:Total Vol (gal)					

SAMPLE NAME: MW-19

ANALYSES: BTEX (8260)

COMMENTS: Collected MS/MSD

WELL SAMPLING DATA FORM

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

SITE NAME: Hobbs Booster Station | DATE: 6/14/2010

PROJECT NO. NA | SAMPLER: A 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: 53.98 Feet
HEIGHT OF WATER COLUMN: 29.02 Feet
WELL DIAMETER: 2.0 Inch

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

TIME	VOLUME PURGED	TEMP. °C	COND. *m*S/cm	pH	DO mg\L	Turb	PHYSICAL APPEARANCE AND REMARKS
	5.0	23.8	1.37	7.59			
	10.0	22.3	1.28	7.61			
	15.0	21.9	1.28	7.59			
	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: 6/14/2010

PROJECT NO. NA SAMPLER: A 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: 51.56 Feet

HEIGHT OF WATER COLUMN: 7.44 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	22.0	0.68	7.38			
	2.6	21.4	0.76	7.16			
	3.9	21.2	0.71	7.15			
	3.9	:Total Vol (gal)					

SAMPLE NAME: MW-20

ANALYSES: BTEX (8260)

COMMENTS: _____

WELL SAMPLING DATA FORM

CLIENT: DCP Midstream

WELL ID: **MW-21**

SITE NAME: Hobbs Booster Station

DATE: 6/14/2010

PROJECT NO. NA

SAMPLER: A 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: 53.37 Feet
HEIGHT OF WATER COLUMN: 7.63 Feet
WELL DIAMETER: 2.0 Inch

3.7 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	22	12.3	7.19			
	2.6	21.6	1.23	7.14			
	3.9	21.5	1.23	7.06			
	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: 6/14/2010
PROJECT NO. NA
SAMPLER: A 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: 55.05 Feet
HEIGHT OF WATER COLUMN: 4.95 Feet
WELL DIAMETER: 2.0 Inch

2.4 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
	1.3	21.5	1.07	7.52			
	2.6	21.1	1.04	7.50			
	4.0	20.9	1.05	7.35			
	4.0	:Total Vol (gal)					

SAMPLE NAME: MW-22
ANALYSES: BTEX (8260)
COMMENTS: _____

WELL SAMPLING DATA FORM

CLIENT: DCP Midstream
WELL ID: **MW-23**
SITE NAME: Hobbs Booster Station
DATE: 6/14/2010
PROJECT NO. NA
SAMPLER: A Taylor

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

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

DESCRIBE EQUIPMENT DECONTAMINATION METHOD BEFORE SAMPLING THE WELL:

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

TOTAL DEPTH OF WELL: 55.00 Feet
DEPTH TO WATER: 47.68 Feet
HEIGHT OF WATER COLUMN: 7.32 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	23.3	1.34	7.31			
	2.6	23.0	1.36	7.32			
	3.9	23.0	1.36	7.26			
	3.9	:Total Vol (gal)					

SAMPLE NAME: MW-23
ANALYSES: BTEX (8260)
COMMENTS: _____

WELL SAMPLING DATA FORM

CLIENT: DCP Midstream WELL ID: **MW-24**

SITE NAME: Hobbs Booster Station DATE: 6/14/2010

PROJECT NO. NA SAMPLER: A Taylor

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

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

DESCRIBE EQUIPMENT DECONTAMINATION METHOD BEFORE SAMPLING THE WELL:

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

TOTAL DEPTH OF WELL: 55.00 Feet

DEPTH TO WATER: 45.71 Feet

HEIGHT OF WATER COLUMN: 9.29 Feet

WELL DIAMETER: 2.0 Inch

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

TIME	VOLUME PURGED	TEMP. °C	COND. *m*S/cm	pH	DO mg\L	Turb	PHYSICAL APPEARANCE AND REMARKS
	1.6	23.6	2.04	7.25			
	3.2	23.2	2.03	7.26			
	4.8	23.0	2.10	7.20			
	4.8	:Total Vol (gal)					

SAMPLE NAME: MW-24

ANALYSES: BTEX (8260)

COMMENTS: _____

WELL SAMPLING DATA FORM

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

SITE NAME: Hobbs Booster Station DATE: 6/14/2010

PROJECT NO. NA SAMPLER: A Taylor

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

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

DESCRIBE EQUIPMENT DECONTAMINATION METHOD BEFORE SAMPLING THE WELL:

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

TOTAL DEPTH OF WELL: 55.00 Feet
DEPTH TO WATER: 46.73 Feet
HEIGHT OF WATER COLUMN: 8.27 Feet
WELL DIAMETER: 2.0 Inch

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

TIME	VOLUME PURGED	TEMP. °C	COND. *m* S/cm	pH	DO mg\L	Turb	PHYSICAL APPEARANCE AND REMARKS
	1.6	23.3	1.94	7.42			
	3.2	22.8	1.95	7.40			
	4.8	22.5	1.95	7.36			
	4.8	:Total Vol (gal)					

SAMPLE NAME: MW-25

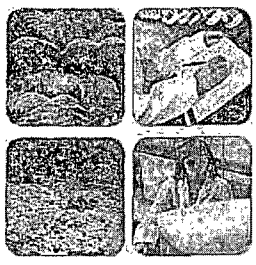
ANALYSES: BTEX (8260)

COMMENTS: _____

Mountain States ACCUTEST Laboratories

IT'S ALL IN THE CHEMISTRY

08/24/10



Technical Report for

DCP Midstream, LP

AECCOL: Hobbs Booster Station Proj#400128005

Accutest Job Number: D14411

Sampling Date: 06/14/10

Report To:

American Environmental Consulting, LLC

mstewart@aecdenver.com

ATTN: Michael Stewart

Total Number of Pages in Report: 25

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.

Jesse L. Smith
Jesse L. Smith
Laboratory Director

Client Service Contact: Amanda Kissell 303-425-6021

Certifications: CO, ID, NE, NM, ND (R-027) (PW) EPA UT (NELAP CO00049)

Test Results Relate Only To Samples Analyzed.

Table of Contents

Sections:

Sample Summary

DCP Midstream, LP

Job No: D14411

AECCOL: Hobbs Booster Station Proj#400128005

Sample Number	Collected Date	Time	By	Received	Matrix Code	Matrix Type	Client Sample ID
D14411-1	06/14/10	10:20	AT	06/18/10	AQ	Ground Water	MW-22
D14411-2	06/14/10	11:00	AT	06/18/10	AQ	Ground Water	MW-19
D14411-2D	06/14/10	11:00	AT	06/18/10	AQ	Water Dup/MSD	MW-19
D14411-2M	06/14/10	11:00	AT	06/18/10	AQ	Water Matrix Spike	MW-19
D14411-3	06/14/10	11:45	AT	06/18/10	AQ	Water Dup/MSD	MW-19D
D14411-4	06/14/10	12:30	AT	06/18/10	AQ	Ground Water	MW-21
D14411-5	06/14/10	01:15	AT	06/18/10	AQ	Ground Water	MW-16
D14411-6	06/14/10	02:00	AT	06/18/10	AQ	Ground Water	MW-15
D14411-7	06/14/10	02:50	AT	06/18/10	AQ	Ground Water	MW-24
D14411-8	06/14/10	03:15	AT	06/18/10	AQ	Ground Water	MW-25
D14411-9	06/14/10	03:40	AT	06/18/10	AQ	Ground Water	MW-23
D14411-10	06/14/10	04:05	AT	06/18/10	AQ	Ground Water	MW-20
D14411-11	06/14/10	04:45	AT	06/18/10	AQ	Ground Water	MW-14

Sample Summary
(continued)

DCP Midstream, LP

Job No: D14411

AECCOL: Hobbs Booster Station Proj#400128005

Sample Number	Collected Date	Time	By	Received	Matrix Code	Matrix Type	Client Sample ID
D14411-12	06/14/10	00:00	AT	06/18/10	AQ	Water Dup/MSD	DUP

CASE NARRATIVE QC CONFORMANCE SUMMARY

Client: DCP Midstream, LP **Job No** D14411

Site: AECCOL: Hobbs Booster Station Proj#400128005 **Report Dat** 6/25/2010 10:26:43 AM

On 06/18/2010, 12 samples, 0 Trip Blanks, and 0 Field Blanks were received at Accutest Mountain States (AMS) at a temperature of 2.5°C. The samples were intact and properly preserved, unless noted below. An AMS Job Number of D14411 was assigned to the project. The lab sample IDs, client sample IDs, and dates of sample collection are detailed in the report's Results Summary.

Specified quality control criteria were achieved for this job except as noted below. For more information, please refer to the analytical results and QC summary pages.

Volatiles By GC MS By Method SW846 8260B

Matrix	AQ	Batch ID:	V5V458

- All Samples Were Analyzed Within The Recommended Method Holding Time.
- All Method Blanks For This Batch Meet Method Specific Criteria.
- Samples D14411-2MS And D14411-2MSD Were Used As The QC Samples Indicated.

AMS Certifies That Data Reported For Samples Received, Listed On The Associated Custody Chain Or Analytical Task Order, Were Produced To Specifications Meeting AMS's Quality System Precision, Accuracy And Completeness Objectives Except As Noted.

Estimated Non-standard Method Measurement Uncertainty Data Is Available On Request, Based On Quality Control Bias And Implicit For Standard Methods. Acceptable Uncertainty Requires Tested Parameter Quality Control Data To Meet Method Criteria.

AMS Is Not Responsible For Data Quality Assumptions Or Partial Reports Are Used And Recommends That This Report Be Used In Its Entirety. This Report Is Authorized By AMS Indicated Via Signature On The Report Cover.

Sample Results

Reports of Analysis

Report of Analysis

Client Sample ID:	MW-22C		
Lab Sample ID:	D14411-1	**Date Sampled:**	06/14/10
Matrix:	AQ - Ground Water	**Date Received:**	06/18/10
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	AECOL: Hobbs Booster Station Proj#400128005		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5V08501.D	1	06/21/10	DC	n/a	n/a	V5V458
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	2.3	1.0	0.30	ug/l	
108-88-3	Toluene	ND	2.0	1.0	ug/l	
100-41-4	Ethylbenzene	ND	2.0	0.30	ug/l	
	m,p-Xylene	0.97	4.0	0.60	ug/l	J
95-47-6	o-Xylene	ND	2.0	0.60	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	93%		70-130%
2037-26-5	Toluene-D8	94%		70-130%
460-00-4	4-Bromofluorobenzene	87%		70-130%

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-19C		
Lab Sample ID:	D14411-2	**Date Sampled:**	06/14/10
Matrix:	AQ - Ground Water	**Date Received:**	06/18/10
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	AECCOL: Hobbs Booster Station Proj#400128005		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5V08495.D	1	06/21/10	DC	n/a	n/a	V5V458
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	1.0	0.30	ug/l	
108-88-3	Toluene	ND	2.0	1.0	ug/l	
100-41-4	Ethylbenzene	ND	2.0	0.30	ug/l	
	m,p-Xylene	ND	4.0	0.60	ug/l	
95-47-6	o-Xylene	ND	2.0	0.60	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	95%		70-130%
2037-26-5	Toluene-D8	90%		70-130%
460-00-4	4-Bromofluorobenzene	88%		70-130%

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-19DC		
Lab Sample ID:	D14411-3	**Date Sampled:**	06/14/10
Matrix:	AQ - Water Dup/MSD	**Date Received:**	06/18/10
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	AECCOL: Hobbs Booster Station Proj#400128005		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5V08502.D	1	06/21/10	DC	n/a	n/a	V5V458
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	0.37	1.0	0.30	ug/l	J
108-88-3	Toluene	ND	2.0	1.0	ug/l	
100-41-4	Ethylbenzene	ND	2.0	0.30	ug/l	
	m,p-Xylene	ND	4.0	0.60	ug/l	
95-47-6	o-Xylene	ND	2.0	0.60	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	91%		70-130%
2037-26-5	Toluene-D8	91%		70-130%
460-00-4	4-Bromofluorobenzene	83%		70-130%

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-21C		
Lab Sample ID:	D14411-4	**Date Sampled:**	06/14/10
Matrix:	AQ - Ground Water	**Date Received:**	06/18/10
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	AECCOL: Hobbs Booster Station Proj#400128005		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5V08503.D	1	06/21/10	DC	n/a	n/a	V5V458
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	1.0	0.30	ug/l	
108-88-3	Toluene	ND	2.0	1.0	ug/l	
100-41-4	Ethylbenzene	ND	2.0	0.30	ug/l	
	m,p-Xylene	ND	4.0	0.60	ug/l	
95-47-6	o-Xylene	ND	2.0	0.60	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	102%		70-130%
2037-26-5	Toluene-D8	95%		70-130%
460-00-4	4-Bromofluorobenzene	87%		70-130%

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-16C		
Lab Sample ID:	D14411-5	**Date Sampled:**	06/14/10
Matrix:	AQ - Ground Water	**Date Received:**	06/18/10
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	AECOL: Hobbs Booster Station Proj#400128005		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5V08504.D	1	06/21/10	DC	n/a	n/a	V5V458
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	1.0	0.30	ug/l	
108-88-3	Toluene	ND	2.0	1.0	ug/l	
100-41-4	Ethylbenzene	ND	2.0	0.30	ug/l	
	m,p-Xylene	ND	4.0	0.60	ug/l	
95-47-6	o-Xylene	ND	2.0	0.60	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	94%		70-130%
2037-26-5	Toluene-D8	91%		70-130%
460-00-4	4-Bromofluorobenzene	83%		70-130%

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-15C		
Lab Sample ID:	D14411-6	**Date Sampled:**	06/14/10
Matrix:	AQ - Ground Water	**Date Received:**	06/18/10
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	AECCOL: Hobbs Booster Station Proj#400128005		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5V08505.D	1	06/21/10	DC	n/a	n/a	V5V458
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	5.5	1.0	0.30	ug/l	
108-88-3	Toluene	ND	2.0	1.0	ug/l	
100-41-4	Ethylbenzene	162	2.0	0.30	ug/l	
	m,p-Xylene	ND	4.0	0.60	ug/l	
95-47-6	o-Xylene	ND	2.0	0.60	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	93%		70-130%
2037-26-5	Toluene-D8	98%		70-130%
460-00-4	4-Bromofluorobenzene	87%		70-130%

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:	D14411-7	**Date Sampled:**	06/14/10
Matrix:	AQ - Ground Water	**Date Received:**	06/18/10
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	AECOL:Hobbs Booster Station Proj#400128005		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5V08506.D	1	06/21/10	DC	n/a	n/a	V5V458
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	1.0	0.30	ug/l	
108-88-3	Toluene	ND	2.0	1.0	ug/l	
100-41-4	Ethylbenzene	ND	2.0	0.30	ug/l	
	m,p-Xylene	ND	4.0	0.60	ug/l	
95-47-6	o-Xylene	ND	2.0	0.60	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	93%		70-130%
2037-26-5	Toluene-D8	90%		70-130%
460-00-4	4-Bromofluorobenzene	85%		70-130%

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-25C		
Lab Sample ID:	D14411-8	**Date Sampled:**	06/14/10
Matrix:	AQ - Ground Water	**Date Received:**	06/18/10
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	AECCOL: Hobbs Booster Station Proj#400128005		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5V08507.D	1	06/21/10	DC	n/a	n/a	V5V458
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	1.0	0.30	ug/l	
108-88-3	Toluene	ND	2.0	1.0	ug/l	
100-41-4	Ethylbenzene	ND	2.0	0.30	ug/l	
	m,p-Xylene	ND	4.0	0.60	ug/l	
95-47-6	o-Xylene	ND	2.0	0.60	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	94%		70-130%
2037-26-5	Toluene-D8	90%		70-130%
460-00-4	4-Bromofluorobenzene	84%		70-130%

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-23C		
Lab Sample ID:	D14411-9	**Date Sampled:**	06/14/10
Matrix:	AQ - Ground Water	**Date Received:**	06/18/10
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	AECOL: Hobbs Booster Station Proj#400128005		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5V08508.D	1	06/21/10	DC	n/a	n/a	V5V458
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	1.0	0.30	ug/l	
108-88-3	Toluene	ND	2.0	1.0	ug/l	
100-41-4	Ethylbenzene	ND	2.0	0.30	ug/l	
	m,p-Xylene	ND	4.0	0.60	ug/l	
95-47-6	o-Xylene	ND	2.0	0.60	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	91%		70-130%
2037-26-5	Toluene-D8	92%		70-130%
460-00-4	4-Bromofluorobenzene	84%		70-130%

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-20C		
Lab Sample ID:	D14411-10	**Date Sampled:**	06/14/10
Matrix:	AQ - Ground Water	**Date Received:**	06/18/10
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	AECOL: Hobbs Booster Station Proj#400128005		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5V08509.D	1	06/21/10	DC	n/a	n/a	V5V458
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	1.0	0.30	ug/l	
108-88-3	Toluene	ND	2.0	1.0	ug/l	
100-41-4	Ethylbenzene	ND	2.0	0.30	ug/l	
	m,p-Xylene	ND	4.0	0.60	ug/l	
95-47-6	o-Xylene	ND	2.0	0.60	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	95%		70-130%
2037-26-5	Toluene-D8	88%		70-130%
460-00-4	4-Bromofluorobenzene	81%		70-130%

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-14C		
Lab Sample ID:	D14411-11	**Date Sampled:**	06/14/10
Matrix:	AQ - Ground Water	**Date Received:**	06/18/10
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	AECCOL: Hobbs Booster Station Proj#400128005		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5V08510.D	1	06/21/10	DC	n/a	n/a	V5V458
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	81.0	1.0	0.30	ug/l	
108-88-3	Toluene	ND	2.0	1.0	ug/l	
100-41-4	Ethylbenzene	1.7	2.0	0.30	ug/l	J
	m,p-Xylene	ND	4.0	0.60	ug/l	
95-47-6	o-Xylene	ND	2.0	0.60	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	91%		70-130%
2037-26-5	Toluene-D8	92%		70-130%
460-00-4	4-Bromofluorobenzene	87%		70-130%

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

Report of Analysis

Client Sample ID:	BUPC		
Lab Sample ID:	D14411-12	**Date Sampled:**	06/14/10
Matrix:	AQ - Water Dup/MSD	**Date Received:**	06/18/10
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	AECCOL: Hobbs Booster Station Proj#400128005		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5V08511.D	1	06/21/10	DC	n/a	n/a	V5V458
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	112	1.0	0.30	ug/l	
108-88-3	Toluene	ND	2.0	1.0	ug/l	
100-41-4	Ethylbenzene	1.8	2.0	0.30	ug/l	J
	m,p-Xylene	ND	4.0	0.60	ug/l	
95-47-6	o-Xylene	ND	2.0	0.60	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	90%		70-130%
2037-26-5	Toluene-D8	93%		70-130%
460-00-4	4-Bromofluorobenzene	86%		70-130%

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

D14411

PAGE ___ OF ___

ACCUTEST laboratories

4036 Youngfield Street, Wheat Ridge, Colorado 80033
TEL. 303-425-6021; 877-737-4521 FAX: 303-425-6854
www.accutest.com

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

Client / Reporting Information

Company Name: AEC
Street Address: 6885 S. Marshall #3
City: Littleton State: CO Zip: 80128
Project Contact: Mike Stewart E-mail:
Phone #: 303 638 0001 Fax #:
Sampler(s) Name(s): A. Taylor Phone #:

Project Information

Project Name: Hobbs Booster
Street:
City: State:
Project #:
Client Purchase Order #:
Project Manager:

Billing Information (if different from Report to)

Company Name: DCP Midstream
Street Address: 370 17th st ste 2500
City: Denver State: CO Zip: 80202
Attention: Stephen Weathers

Requested Analysis (see TEST CODE sheet)

8260 BTEX

Matrix Codes

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

Accutest Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	Number of preserved Bottles: HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	LAB USE ONLY
	MW-22		6/14/2010	1020	AT	GW	3	3								X 01
	MW-19			1100			3	3								X 02
	MW-19 MS/MSD			1100			6	6								X ~~03~~
	MW-19 d			1145			3	3								X 03
	MW-21			1230			3	3								X 04
	MW-16			1135			3	3								X ~~05~~
	MW-15			1200			3	3								X 06
	MW-24			1250			3	3								X 07
	MW-25			1315			3	3								X 08
	MW-23			1340			3	3								X 09
	MW-20			1405			3	3								X 10
	MW-14			1445			3	3								X 11
																12

Turnaround Time (Business days)

- [ ] Std. 10 Business Days
- [ ] UST Analysis 3-5 Days
- [ ] 6 - 9 Day *RUSH*
- [ ] 3 - 5 Day *RUSH*
- [ ] 2 Day *EMERGENCY*
- [ ] 1 Day *EMERGENCY*

Emergency & Rush T/A data available VIA Labtink

Approved by (Accutest PM): / Date:

Data Deliverable Information

- [ ] Level 1
- [ ] Level 2
- [ ] Level 3
- [ ] Level 4

Level 1 = Results Only
Level 2 = Results + QC Summary + Case Narrative
Level 3 = Results + QC Summary + Partial Raw data
Level 4 = Full Deliverable

- [ ] PDF
- [ ] EDD Format
- [ ] Other

Comments / Special Instructions

X DUP ~~00~~ 000

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		6/17/10 1500	1	2		2 6-18-10 930
3	Relinquished by Sampler:	Date Time:	Received By: 3	Relinquished By: 4	Date Time:	Received By: 4
5	Relinquished by:	Date Time:	Received By: 5	Custody Seal # ~~E04~~	☑ Intact ☐ Not Intact	Preserved where applicable ☑ On Ice ☑ Cooler Temp. 2.5

D14411: Chain of Custody
Page 1 of 2

Accutest Laboratories Sample Receipt Summary

Accutest Job Number: D14411 **Client:** AEC **Immediate Client Services Action Required:** No

Date/Time Received: 6/18/2010 9:30:00 AM **No. Coolers:** 1 **Client Service Action Required at Login:** No

Project: HOBBS BOOSTER **Airbill #'s:** fedex

Cooler Security	Y	or	N		Y	or	N
1. Custody Seals Present:	☑	☐		3. COC Present:	☑	☐	
2. Custody Seals Intact:	☑	☐		4. Smpl Dates/Time OK	☑	☐	

Cooler Temperature	Y	or	N
1. Temp Criteria Achieved:	☑	☐	
2. Cooler Temp Verification:	Infared gun		
3. Cooler media:	Ice (bag)		

Quality Control Preservation	Y	or	N	N/A
1. Trip Blank Present / Cooler:	☐	☐		
2. Trip Blank Listed on COC:	☐	☐		
3. Samples Preserved Properly:	☑	☐		
4. VOCs Headspace Free:	☑	☐	☐	

Sample Integrity / Documentation	Y	or	N
1. Sample Labels Present on Bottles:	☑	☐	
2. Container Labeling Complete:	☑	☐	
3. Sample Container Label / COC Agree:	☑	☐	

Sample Integrity / Condition	Y	or	N
1. Sample Recvd within HT:	☑	☐	
2. All Containers Accounted for:	☑	☐	
3. Condition of Sample:	Intact		

Sample Integrity / Instructions	Y	or	N	N/A
1. Analysis Requested is Clear:	☑	☐		
2. Bottles Received for Unspecified Tests	☐	☑		
3. Sufficient Volume Rec'd for Analysis:	☑	☐		
4. Compositing Instructions Clear:	☐	☐		☑
5. Filtering Instructions Clear:	☐	☐		☑

Comments

Accutest Laboratories
V:(303) 425-6021
4036 Youngfield Street
F:(303) 425-6854
Wheat Ridge, CO
www/accutest.com

4.1

D14411: Chain of Custody
Page 2 of 2

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: D14411
Account: DCPMCODN DCP Midstream, LP
Project: AECCOL: Hobbs Booster Station Proj#400128005

Sample	FileID	DF	Analyzed	By	PrepDate	PrepBatch	AnalyticalBatch
V5V458-MB2	5V08493.D	1	06/21/10	DC	n/a	n/a	V5V458

5.1.1 5

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

D14411-1, D14411-2, D14411-3, D14411-4, D14411-5, D14411-6, D14411-7, D14411-8, D14411-9, D14411-10, D14411-11, D14411-12

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	2.0	0.30	ug/l	
108-88-3	Toluene	ND	2.0	1.0	ug/l	
	m,p-Xylene	ND	4.0	0.60	ug/l	
95-47-6	o-Xylene	ND	2.0	0.60	ug/l	

CAS No.	Surrogate Recoveries		Limits
17060-07-0	1,2-Dichloroethane-D4	91%	70-130%
2037-26-5	Toluene-D8	91%	70-130%
460-00-4	4-Bromofluorobenzene	81%	70-130%

Blank Spike Summary

Job Number: D14411
Account: DCPMCODN DCP Midstream, LP
Project: AECCOL: Hobbs Booster Station Proj#400128005

Sample	FileID	DF	Analyzed	By	PrepDate	PrepBatch	AnalyticalBatch
V5V458-BS2	5V08494.D	1	06/21/10	DC	n/a	n/a	V5V458

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

D14411-1, D14411-2, D14411-3, D14411-4, D14411-5, D14411-6, D14411-7, D14411-8, D14411-9, D14411-10, D14411-11, D14411-12

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	50	53.5	107	70-130
100-41-4	Ethylbenzene	50	58.3	117	70-130
108-88-3	Toluene	50	56.2	112	70-140
	m,p-Xylene	50	51.3	103	55-134
95-47-6	o-Xylene	50	52.5	105	55-134

CAS No.	Surrogate Recoveries	BSP	Limits
17060-07-0	1,2-Dichloroethane-D4	88%	70-130%
2037-26-5	Toluene-D8	91%	70-130%
460-00-4	4-Bromofluorobenzene	99%	70-130%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: D14411
Account: DCPMCODN DCP Midstream, LP
Project: AECCOL: Hobbs Booster Station Proj#400128005

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
D14411-2MS	5V08496.D	1	06/21/10	DC	n/a	n/a	V5V458
D14411-2MSD	5V08497.D	1	06/21/10	DC	n/a	n/a	V5V458
D14411-2	5V08495.D	1	06/21/10	DC	n/a	n/a	V5V458

5.3.1

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

D14411-1, D14411-2, D14411-3, D14411-4, D14411-5, D14411-6, D14411-7, D14411-8, D14411-9, D14411-10, D14411-11, D14411-12

CAS No.	Compound	D14411-2 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		50	52.1	104	54.8	110	5	59-132/30
100-41-4	Ethylbenzene	ND		50	54.9	110	57.6	115	5	68-130/30
108-88-3	Toluene	ND		50	52.0	104	55.3	111	6	56-142/30
	m,p-Xylene	ND		50	47.9	96	50.9	102	6	36-146/30
95-47-6	o-Xylene	ND		50	49.8	100	52.1	104	5	36-146/30

CAS No.	Surrogate Recoveries	MS	MSD	D14411-2	Limits
17060-07-0	1,2-Dichloroethane-D4	85%	85%	95%	70-130%
2037-26-5	Toluene-D8	90%	91%	90%	70-130%
460-00-4	4-Bromofluorobenzene	101%	99%	88%	70-130%