

**Bratcher, Mike, EMNRD**

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**From:** Cindy Crain [cindy.crain@gmail.com]  
**Sent:** Wednesday, February 03, 2010 12:22 PM  
**To:** Bratcher, Mike, EMNRD; Paul\_Evans@blm.gov  
**Cc:** Weathers, Stephen W; cecole@dcpmidstream.com; Bebbington, Jon D; wdtrent@dcpmidstream.com; HWTemple@dcpmidstream.com  
**Subject:** DCP Midstream, Burton Flats Booster Soil Delineation Results and Notification of Groundwater Impact  
**Attachments:** 01.31.10 Burton Flats Booster Figure 2.pdf; Table.xls  
**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Dear Mike / Paul,

On January 14, 2010, soil delineation activities were conducted at the DCP Midstream, Burton Flats Booster site.

The site is located in Lots 4 and 5, Section 1, Township 21 South, Range 27 East, Eddy County, New Mexico.

Five (5) soil borings were drilled to depths ranging from 22 to 27 feet below ground surface (bgs) and soil samples were collected at five (5) foot intervals for laboratory analysis. Groundwater was encountered at depths ranging from 16.1 feet bgs to 20.6 feet bgs in boreholes BH-1, BH-2 and BH-3, and a groundwater sample was collected for laboratory analysis of BTEX from boring BH-2.

Attached please find Figure #2 that shows the locations of the soil borings, and tables that provide a summary of the soil and groundwater laboratory results.

This email serves as notification of a groundwater impact at the Burton Flats Booster. DCP Midstream is in the process of data review and formulation of a remediation plan for the site, and will be in contact with you in the near future regarding their proposal for said remediation.

If you have any questions or need additional information, please contact me either by email or at the cell number provided below.

Thank you,

--  
Cindy Crain  
Environmental Manager

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**Table 1: Summary of Laboratory Analysis of Soil Samples from Excavation With Backhoe  
DCP Midstream, Burton Flats Booster  
Lots 4 and 5, Section 1, T21S, R27E  
Eddy County, New Mexico**

Sample Date	Soil Sample Number	Sample Depth (feet BGS)	TPH C6-C12 (mg/kg)	TPH C12-C28 (mg/kg)	TPH C28-C35 (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)	Benzene (mg/kg)	Total BTEX (mg/kg)
Standard (WQCC)						100	250	10	50
11/11/09	BH-5	5	9,410	5,550	<376	14,960	3,050	1.885	231.675
11/11/09		10	11,600	6,320	424	18,344	5,160	2.618	273.428
11/11/09		15	3,480	2,120	<362	5,600	3,960	0.911	128.911
11/11/09		20	3,940	2,390	<185	6,330	4,640	1.113	122.063

- Notes: Samples Analyzed by Xenco Laboratories, Odessa, TX
1. BGS: Depth in feet below ground surface
  2. mg/kg: Milligrams per kilogram
  3. ---: No data available
  4. <: Below method detection limit

**Table 2: Summary of Laboratory Analysis of Soil Samples from Soil Borings**  
**DCP Midstream, Burton Flats Booster**  
**Lots 4 and 5, Section 1, T21S, R27E**  
**Eddy County, New Mexico**

Sample Date	Soil Sample Number	Sample Depth (feet BGS)	PID	TPH C6-C10 (mg/kg)	TPH >C10-C28 (mg/kg)	Total TPH (mg/kg)	Field Chloride (mg/kg)	Chloride (mg/kg)	Benzene (mg/kg)	Total BTEX (mg/kg)
Standard (WQCC)				100		100		250	10	50
1/14/10	BH-1	0-2	120	<10.0	461	461	---	<16		
1/14/10		5-7	140				---	256		
1/14/10		10-12	170	<10.0	53	53	49	112		
1/14/10		15-17	300				55	96	<0.050	0.954
1/14/10		20-22	798	<10.0	15.1	15.1	35	144	<0.050	<0.45
1/14/10	BH-2	0-2	314	<10.0	1,150	1,150	---	64	<0.050	0.057
1/14/10		5-7	114				---	96		
1/14/10		10-12	48.6				28	48		
1/14/10		15-17	257	208	1,070	1,278	114	48		
1/14/10		20-22	965	4,070	9,150	13,220	152	624	0.833	48.263
1/14/10		25-27	340	184	942	1,126	456	1,490	0.091	9.776
1/14/10	BH-3	0-2	112	16.1	190	206.1	---	1,390		
1/14/10		5-7	32.8				---	176		
1/14/10		10-12	104	<10.0	78.4	78.4	37	48	<0.050	2.293
1/14/10		15-17	40	<10.0	79.6	79.6	252	336	<0.050	<0.45
1/14/10		20-22	2.6				112	128		
1/14/10		25-27	13.9	<10.0	43	43	786	3,040		
1/14/10	BH-4	0-2	3.7	<10.0	23.1	23.1	---	<16		
1/14/10		5-7	9.3	<10.0	10.9	10.9	---	96		
1/14/10		10-12	2.1				68	80		
1/14/10		15-17	1.6				320	352		
1/14/10		20-22	1.9	<10.0	<10.0	<20.0	212	240		
1/14/10	BH-5	25-27	989	1,810	8,760	10,570	773	1,020	0.551	17.951

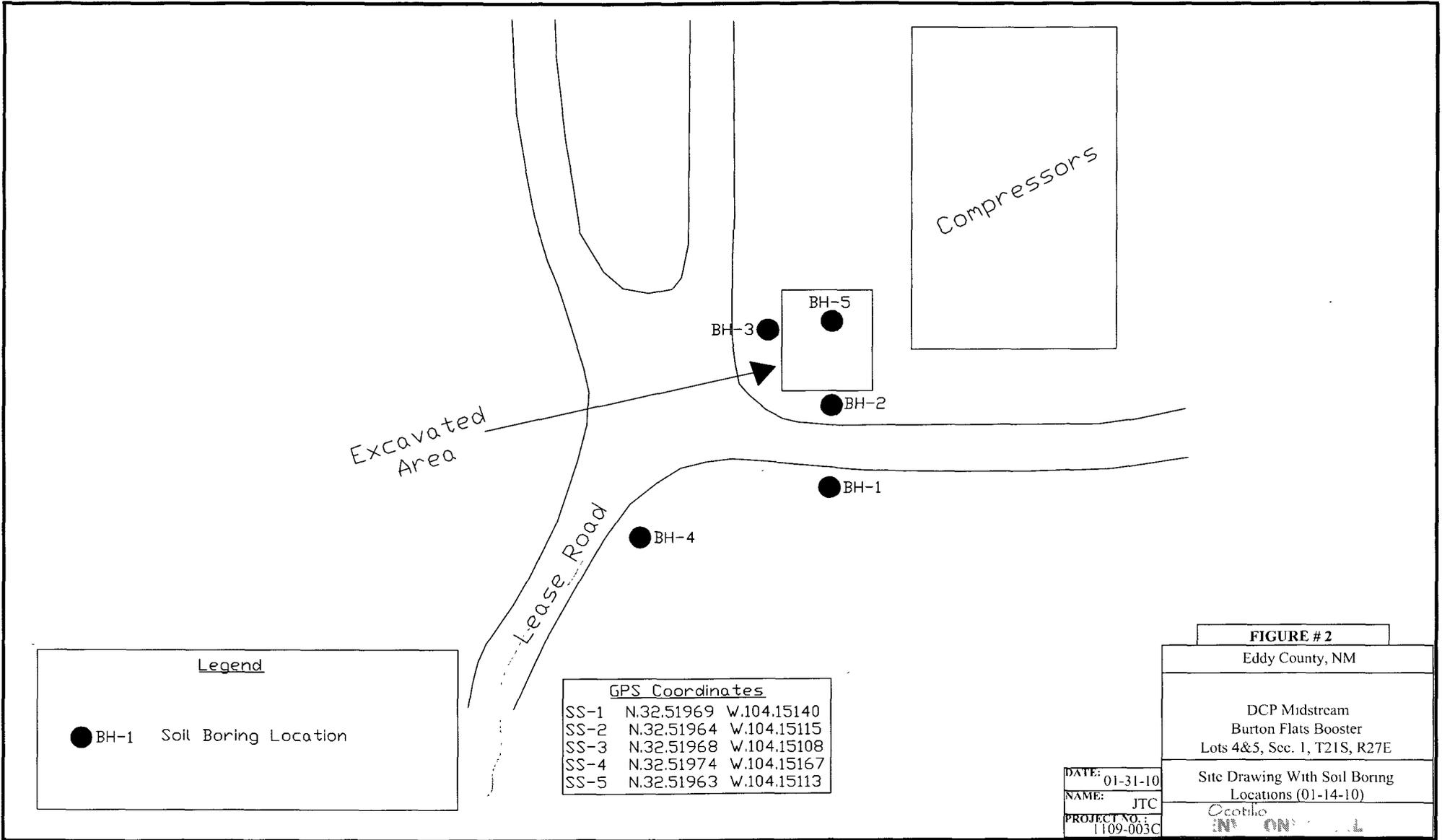
Notes  
1 BGS Depth in feet below ground surface  
2 mg/kg Milligrams per kilogram  
3 ---: No data available  
4 < Below method detection limit

**Table 3: Summary of Laboratory Analysis of Groundwater from Soil Boring  
DCP Midstream, Burton Flats Booster  
Lots 4 and 5, Section 1, T21S, R27E  
Eddy County, New Mexico**

Sample Date	Sample Number	Depth to Groundwater (feet bgs)	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Total BTEX (mg/L)
Standard (WQCC)			0.01	0.75	0.75	0.62	
1/14/10	BH-1	18.6	---	---	---	---	---
1/14/10	BH-2	16.1	2.35	16.2	12.8	70.9	102.25
1/14/10	BH-3	20.6	---	---	---	---	---

Notes. Sample Analyzed by Cardinal Laboratories, Hobbs, NM  
Depth to groundwater measured approximately 2 hours after soil boring installation

- 1. bgs Below ground surface
- 2. mg/L Milligrams per liter



Excavated Area

Compressors

BH-5

BH-3

BH-2

BH-1

BH-4

Lease Road

**Legend**  
 ● BH-1 Soil Boring Location

GPS Coordinates		
SS-1	N.32.51969	W.104.15140
SS-2	N.32.51964	W.104.15115
SS-3	N.32.51968	W.104.15108
SS-4	N.32.51974	W.104.15167
SS-5	N.32.51963	W.104.15113

DATE: 01-31-10  
 NAME: JTC  
 PROJECT NO.: 1109-003C

**FIGURE # 2**  
 Eddy County, NM  
 DCP Midstream  
 Burton Flats Booster  
 Lots 4&5, Sec. 1, T21S, R27E  
 Site Drawing With Soil Boring  
 Locations (01-14-10)  
 Ocotillo  
 IN ON