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02 / 05 / 2013

THIRD QUARTER 2012 GROUNDWATER MONITORING REPORT

BURTON FLATS BOOSTER STATION
EDDY COUNTY, NEW MEXICO

Prepared For:

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1.0 INTRODUCTION

Conestoga-Rovers & Associates (CRA) is submitting this *Third Quarter 2012 Groundwater Monitoring Report* to DCP Midstream, LP (DCP) for the Burton Flats Booster Station in Eddy County, New Mexico. This report summarizes the September 2012 groundwater sampling event. Groundwater monitoring and sampling details, analytical results, and conclusions are presented below.

Site Background

The site is a booster station located in Eddy County, New Mexico. The property's legal description is Lots 4 and 5, Section 1, Township 21 South (T21S), Range 27 East (R27E) (Figure 1). Four groundwater monitoring wells MW-1 through MW-4 were installed in 2011.

Hydrogeology

Static groundwater depths ranged from 21.65 (MW-1) to 25.26 feet (ft) below ground surface (bgs) (MW-4) on September 26, 2012. Groundwater flows to the northwest with a gradient of 0.002 ft/ft (Figure 2).

2.0 GROUNDWATER MONITORING AND SAMPLING

CRA gauged groundwater monitoring wells MW-1 through MW-4 and collected groundwater samples from MW-1 through MW-3 on September 26, 2012. Light non-aqueous phase liquids (LNAPL) were measured in MW-4 during the sampling event; no sample was collected. Each well cap was removed to allow groundwater levels to stabilize and equilibrate prior to gauging. All sampled groundwater monitoring wells were purged of approximately three well-casing volumes while temperature, pH, and conductivity were measured. Groundwater samples, including a duplicate sample, were collected using clean disposable bailers and decanted into clean containers supplied by the analytical laboratory. Groundwater samples were submitted under chain-of-custody to Accutest Laboratories of Texas. CRA's standard operating procedures for groundwater monitoring and sampling are presented as Appendix A.

Purged Groundwater

Purged groundwater was transported to the DCP Linam Ranch Facility, where purged groundwater was disposed in the onsite sump.

3.0 ANALYTICAL RESULTS

Groundwater Analytical Methods

Groundwater samples collected from MW-1 through MW-3 were analyzed for:

- Benzene, toluene, ethylbenzene, and xylenes (BTEX) by SW846 8021B
- Total petroleum hydrocarbons as gasoline (TPH GRO) by SW846 8015
- Total petroleum hydrocarbons as diesel (TPH DRO) by SW845 8015M and SW846 3510C

Groundwater Sampling Results

No BTEX was detected above New Mexico Water Quality Control Commission (NMWQCC) cleanup levels in groundwater samples MW-2 and MW-3. Groundwater sample MW-1 contained 61.5 micrograms per liter (µg/l) benzene, 829 µg/l TPH GRO, and 17,000 µg/l TPH DRO. BTEX, TPH GRO, and TPH DRO, concentrations in groundwater are presented on Figure 3. Current groundwater analytical results are summarized in Table 1. Historical groundwater analytical results are summarized in Table 2. The laboratory analytical report is presented as Appendix B.

4.0 CONCLUSIONS

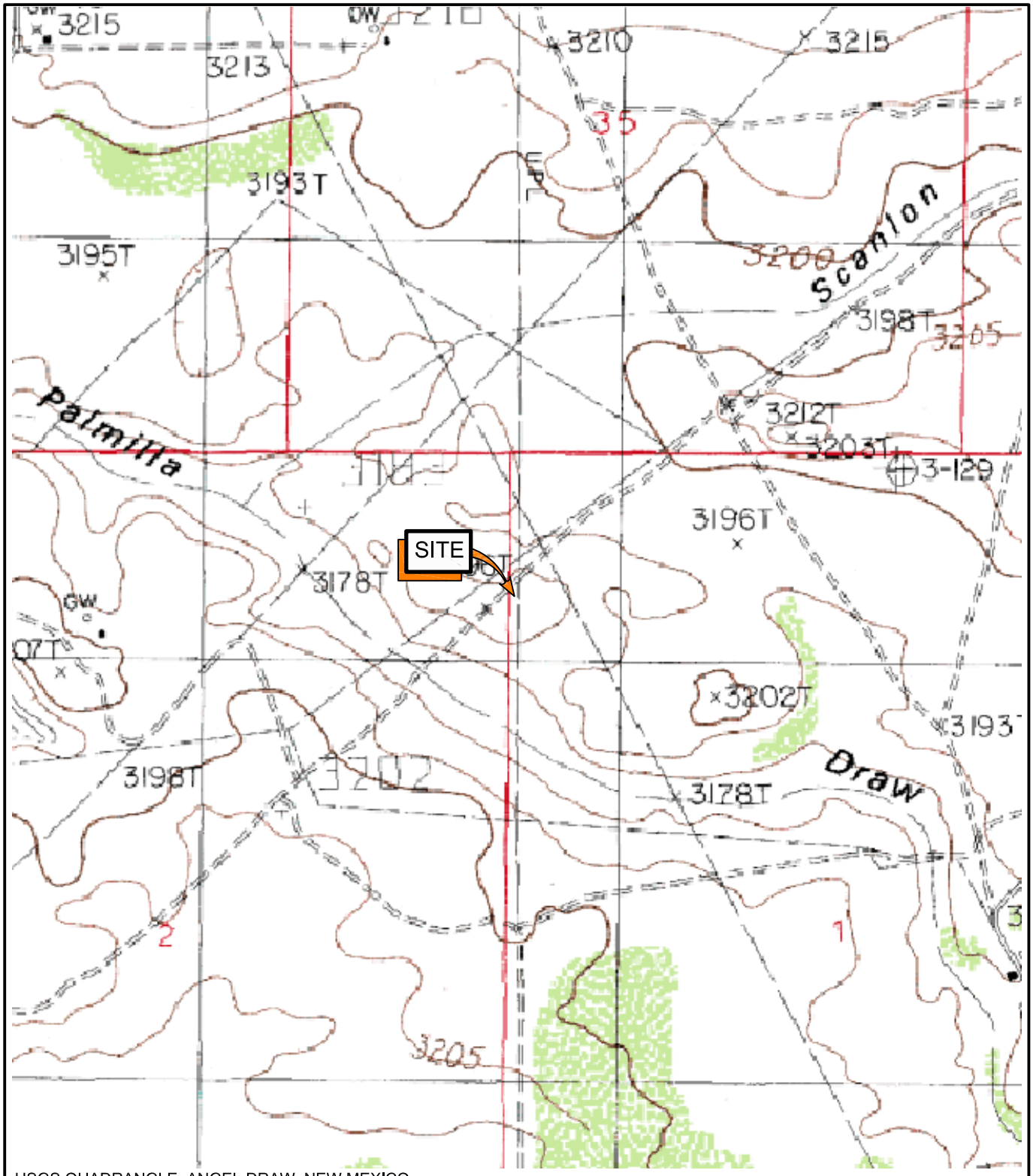
Benzene was detected above groundwater cleanup levels in monitoring well MW-1. DCP will continue quarterly monitoring and sampling in 2012 to evaluate site groundwater conditions.

FIGURES

FIGURE 1 VICINITY MAP

FIGURE 2 GROUNDWATER ELEVATION CONTOUR MAP

FIGURE 3 HYDROCARBON CONCENTRATIONS IN GROUNDWATER



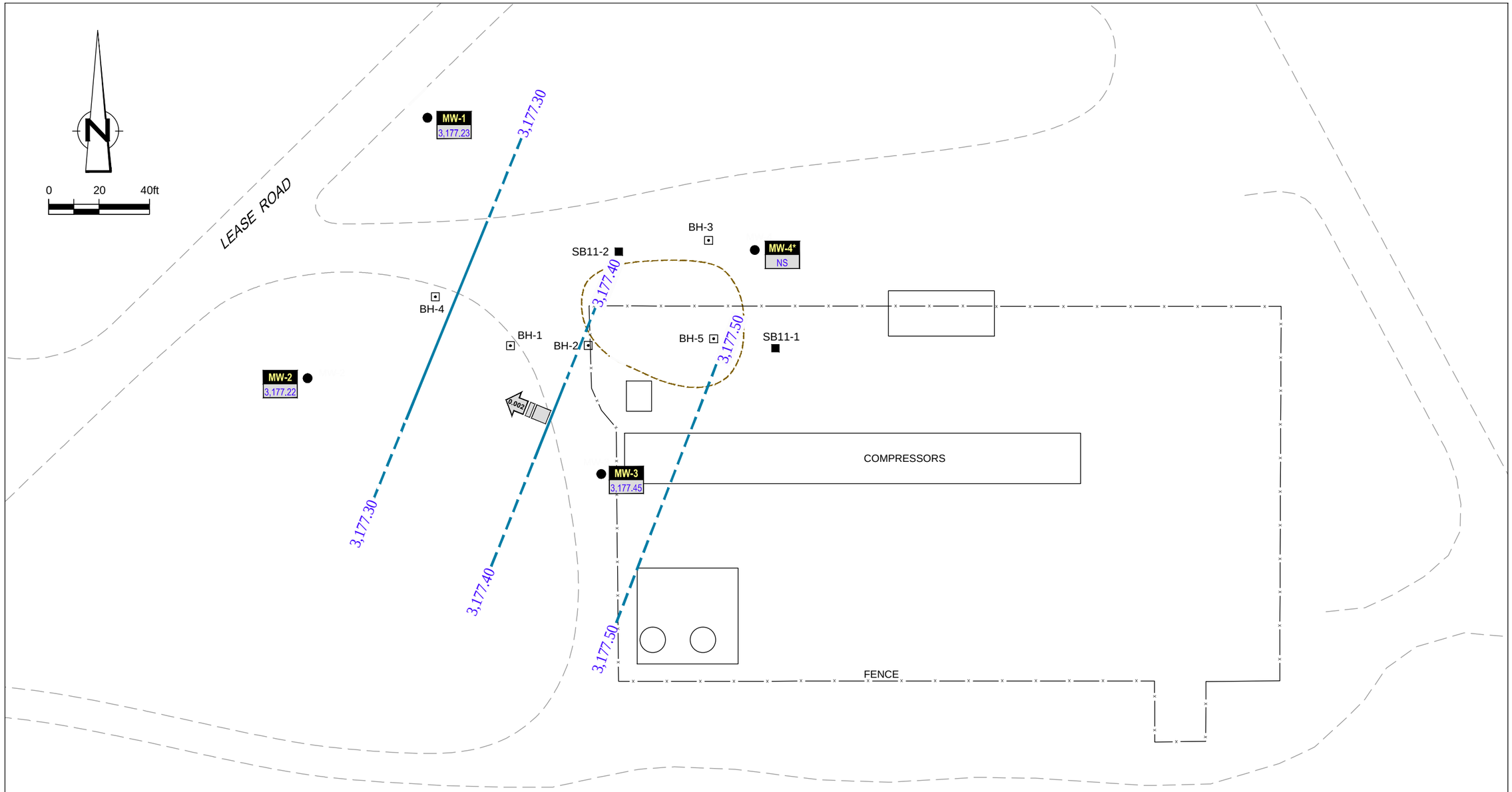
USGS QUADRANGLE: ANGEL DRAW, NEW MEXICO
N 32.51969 W 104.15140

0 500 1500ft

figure 1

VICINITY MAP
BURTON FLATS
EDDY COUNTY, NEW MEXICO
DCP Midstream

070537-10(001)GN-MD001 MAR 04/2010



LEGEND

- MONITORING WELL LOCATION (2011)
- SOIL BORING LOCATION (2011)
- SOIL BORING LOCATION (2010)
- DIRT ROAD
- AREA OF EXCAVATION (LOCATION IS APPROXIMATE DUE TO LIMITED DATA)

WELL / ELEV — WELL DESIGNATION, GROUNDWATER ELEVATION (MSL)

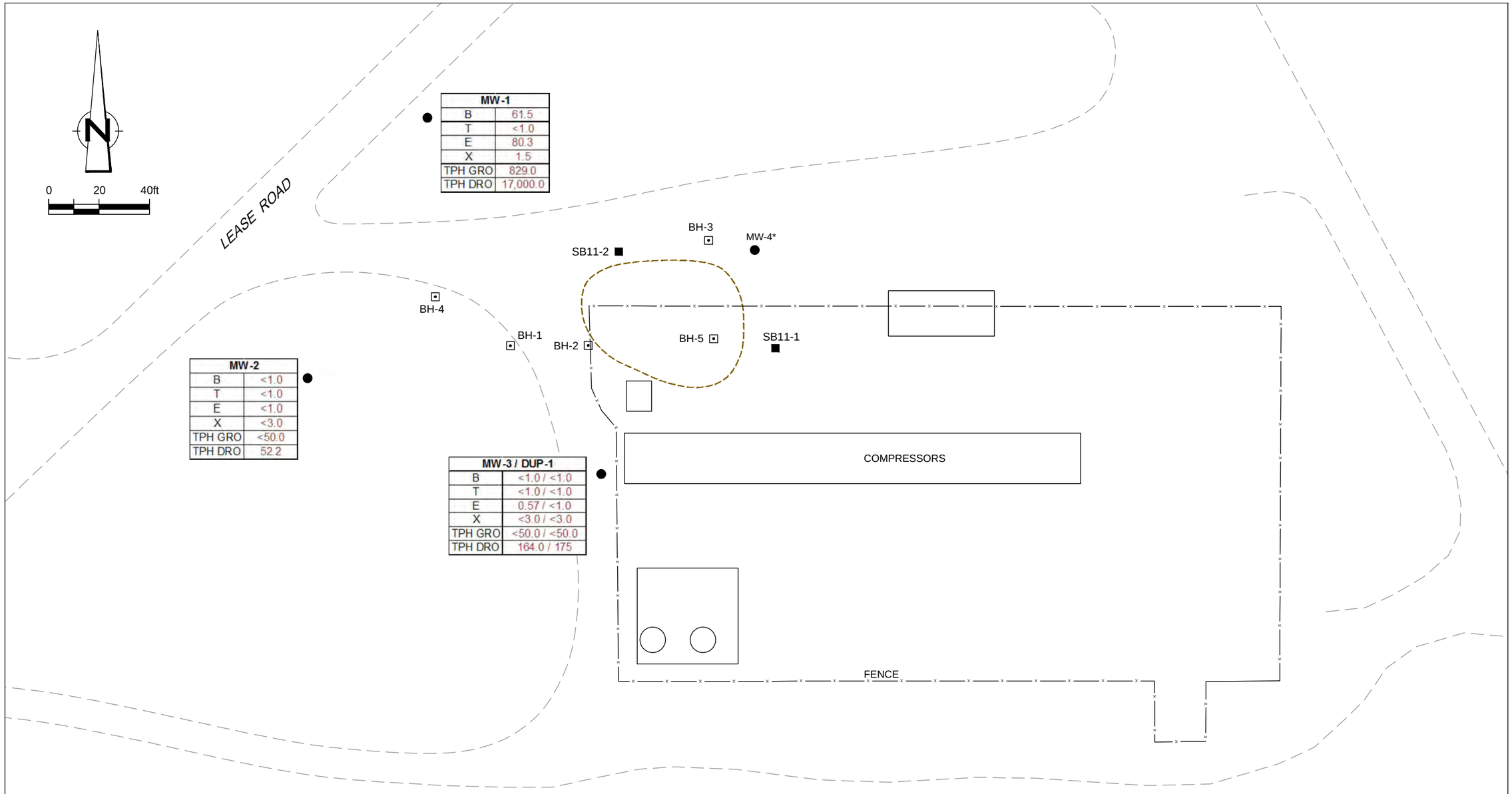
3,177.50 — GROUNDWATER ELEVATION CONTOUR, IN FEET ABOVE MEAN SEA LEVEL (MSL), DASHED WHERE INFERRED

x.xx — GROUNDWATER FLOW DIRECTION AND GRADIENT

* NOT USED FOR CONTOURING

Figure 2

GROUNDWATER ELEVATION CONTOUR MAP
BURTON FLATS BOOSTER STATION
LOTS 4 AND 5, SECTION 1, T21S, R27E
Eddy County, New Mexico
September 26, 2012



LEGEND

- MONITORING WELL LOCATION (2011)
- SOIL BORING LOCATION (2011)
- SOIL BORING LOCATION (2010)
- DIRT ROAD
- AREA OF EXCAVATION (LOCATION IS APPROXIMATE DUE TO LIMITED DATA)

WELL ID	
B	<1.0
T	<1.0
E	<1.0
X	<3.0
TPH GRO	<50.0
TPH DRO	<100.0

WELL DESIGNATION
BENZENE CONCENTRATION (Õg/L)
TOLUENE CONCENTRATION (Õg/L)
ETHYLBENZENE CONCENTRATION (Õg/L)
XYLENE CONCENTRATION (Õg/L)
TPHG CONCENTRATION (Õg/L)
TPHD CONCENTRATION (Õg/L)

Figure 3

HYDROCARBON CONCENTRATIONS IN GROUNDWATER
BURTON FLATS BOOSTER STATION
LOTS 4 AND 5, SECTION 1, T21S, R27E
Eddy County, New Mexico
September 26, 2012

TABLES

TABLE 1 CURRENT GROUNDWATER ANALYTICAL RESULTS

TABLE 2 HISTORICAL GROUNDWATER ANALYTICAL RESULTS

CONESTOGA-ROVERS & ASSOCIATES

Table 1. **Current Groundwater Analytical Results** - Burton Flats Booster Station, Eddy County, New Mexico

Well ID	Date	TOC (ft msl)	DTW (ft bgs)	GWE (ft msl)	Benzene	Toluene	Ethyl - benzene	Total Xylenes	TPH GRO	TPH DRO
					← Concentrations in µg/l →					
NMWQCC Cleanup Levels					**10**	**750**	**750**	**620**	·	·
MW-1	9/26/2012	3,198.88	21.65	3177.23	**61.5**	<1.0	80.3	1.5	829	17,000
MW-2	9/26/2012	3,200.00	22.78	3177.22	<1.0	<1.0	<1.0	<3.0	<50.0	52.2
MW-3	9/26/2012	3,200.85	23.40	3177.45	<1.0/<1.0	<1.0/<1.0	0.57/<1.0	<3.0/<3.0	<50.0/<50.0	164/175
MW-4	9/26/2012	--	25.26	--	LNAPL Present					

Notes and Abbreviations:

ID = Identification

TOC = Top of casing

DTW = Depth to water

GWE = Groundwater elevation

BTEX = Benzene, toluene, ethylbenzene, and total xylenes by SW846 8021

TPH GRO =Total petroleum hydrocarbons as gasoline by SW846 8015

TPH DRO = Total petroleum hydrocarbons as diesel by SW845 8015M and SW846 3510C

ft msl = Feet above mean sea level

ft bgs = Feet below ground surface

µg/l = Micrograms per liter

NMWQCC = New Mexico Water Quality Control Commission

· = NMWQCC Cleanup Level not established

BOLD = Indicates concentration above the NMWQCC Cleanup Levels

x/y = Sample results/blind duplicate results

<x = Not detected above x µg/l

-- = Not measured

LNAPL = Light Non-Aqueous Phase Liquid

CONESTOGA-ROVERS & ASSOCIATES

Table 2. Historical Groundwater Analytical Results - Burton Flats Booster Station, Eddy County, New Mexico

Well ID	Date	TOC (ft msl)	DTW (ft bgs)	LNAPL thickness (fbgs)	GWE (ft msl)	Benzene	Toluene	Ethyl - benzene	Total Xylenes	TPH GRO	TPH DRO
						← Concentrations in µg/l →					
NMWQCC Cleanup Levels						**10**	**750**	**750**	**620**	·	·
MW-1	12/14/2011	--	21.17	--	--	**108 / 140**	3.4 / 2.6	200 / 178	111 / 99.9	3,890 / 2,880	44,900 / 37,300
MW-1	4/26/2012	3,198.88	21.24	--	3177.64	**153**	<1.0	229	7.3	3,010	16,900
MW-1	6/20/2012	3,198.88	21.50	--	3177.38	**90.7/96.7**	<1.0/<1.0	284[a]/260[a]	47.4/47.0	2,390/4,600	27,400/24,000
MW-1	9/26/2012	3,198.88	21.65	--	3177.23	**61.5**	<1.0	80.3	1.5	829	17,000
MW-2	12/14/2011	--	22.33	--	--	<1.0	<1.0	<1.0	<3.0	<50.0	106
MW-2	4/26/2012	3,200.00	22.39	--	3177.61	<1.0	<1.0	<1.0	<3.0	<50.0	<100.0
MW-2	6/20/2012	3,200.00	22.66	--	3177.34	<1.0	<1.0	<1.0	<3.0	<50.0	34.0
MW-2	9/26/2012	3,200.00	22.78	--	3177.22	<1.0	<1.0	<1.0	<3.0	<50.0	52.2
MW-3	12/14/2011	--	23.02	--	--	<1.0	<1.0	<1.0	<3.0	<50.0	139
MW-3	4/26/2012	3,200.85	23.08	--	3,177.77	<1.0/<1.0	<1.0/<1.0	<1.0/<1.0	<3.0/<3.0	8.0/<50.0	46.1/50.7
MW-3	6/20/2012	3,200.85	23.18	--	3,177.67	<1.0	<1.0	0.50	<3.0	35.9	74.4
MW-3	9/26/2012	3,200.85	23.40	--	3,177.45	<1.0/<1.0	<1.0/<1.0	0.57/<1.0	<3.0/<3.0	<50.0/<50.0	164/175
MW-4	4/26/2012	--	24.00	0.99	--	LNAPL Present					
MW-4	6/20/2012	--	24.82	1.75	--	LNAPL Present					
MW-4	9/26/2012	--	25.26	2.05	--	LNAPL Present					

Notes and Abbreviations:

ID = Identification

TOC = Top of casing

DTW = Depth to water

GWE = Groundwater elevation

BTEX = Benzene, toluene, ethylbenzene, and total xylenes by SW846 8021

TPH GRO =Total petroleum hydrocarbons as gasoline by SW846 8015

TPH DRO = Total petroleum hydrocarbons as diesel by SW845 8015M and SW846 3510C

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LNAPL = Light Non-Aqueous Phase Liquid

APPENDIX A

STANDARD OPERATING PROCEDURES FOR GROUNDWATER MONITORING AND SAMPLING

CONESTOGA-ROVERS & ASSOCIATES

STANDARD FIELD PROCEDURES FOR GROUNDWATER MONITORING AND SAMPLING

This document presents standard field methods for groundwater monitoring, purging and sampling, and well development. These procedures are designed to comply with Federal, State and local regulatory guidelines. Conestoga-Rovers & Associates' specific field procedures are summarized below.

Groundwater Monitoring

Prior to performing monitoring activities, the historical monitoring and analytical data of each monitoring well shall be reviewed to determine if any of the wells are likely to contain separate phase hydrocarbons (SPH) and to determine the order in which the wells will be monitored (i.e. cleanest to dirtiest). Groundwater monitoring should not be performed when the potential exists for surface water to enter the well (i.e. flooding during a rainstorm).

Prior to monitoring, each well shall be opened and the well cap removed to allow water levels to stabilize and equilibrate. The condition of the well box and well cap shall be observed and recommended repairs noted. Any surface water that may have entered and flooded the well box should be evacuated prior to removing the well cap. In wells with no history of SPH, the static water level and total well depth shall be measured to the nearest 0.01 foot with an electronic water level meter. Wells with the highest contaminant concentrations shall be monitored last. In wells with a history of SPH, the SPH level/thickness and static water level shall be measured to the nearest 0.01 foot using an electronic interface probe. The water level meter and/or interface probe shall be thoroughly cleaned and decontaminated at the beginning of the monitoring event and between each well. Monitoring equipment shall be washed using soapy water consisting of Liqui-nox™ or Alconox™ followed by one rinse of clean tap water and then two rinses of distilled water.

Groundwater Purging and Sampling

Prior to groundwater purging and sampling, the historical analytical data of each monitoring well shall be reviewed to determine the order in which the wells should be purged and sampled (i.e. cleanest to dirtiest). No purging or groundwater sampling shall be performed on wells with a measurable thickness of SPH or floating SPH globules. If a sheen is observed, the well should be purged and a groundwater sample collected only if no SPH is present. Wells shall be purged either by hand using a disposal or PVC bailer or by using an aboveground pump (e.g. peristaltic or Wattera™) or down-hole pump (e.g. Grundfos™ or DC Purger pump).

Groundwater wells shall be purged approximately three to ten well-casing volumes (depending on the regulatory agency requirements) or until groundwater parameters of temperature, pH, and conductivity have stabilized to within 10% for three consecutive readings. Temperature, pH, and conductivity shall be measured and recorded at the start of purging, once per well casing volume removed, and at the completion of purging. The total volume of groundwater removed shall be recorded along with any other notable physical characteristic such as color and odor. If required, field parameters such as turbidity, dissolved oxygen (DO), and oxidation-reduction potential (ORP) shall be measured prior to collection of each groundwater sample.

Groundwater samples shall be collected after the well has been purged and allowed to recharge to 80% of the pre-purging static water level, or if the well is slow to recharge, after waiting a minimum of 2 hours. Groundwater samples shall be collected using clean disposable bailers or

pumps (if an operating remediation system exists on site and the project manager approves of its use for sampling) and shall be decanted into clean containers supplied by the analytical laboratory. New latex gloves and disposable tubing or bailers shall be used for sampling each well. If a PVC bailer or down-hole pump is used for groundwater purging, it shall be decontaminated before purging each well by using soapy water consisting of Liqui-nox™ or Alconox™ followed by one rinse of clean tap water and then two rinses of distilled water. If a submersible pump with non-dedicated discharge tubing is used for groundwater purging, both the inside and outside of pump and discharge tubing shall be decontaminated as described above.

Sample Handling

Except for samples that will be tested in the field, or that require special handling or preservation, samples shall be stored in coolers chilled to 4° C for shipment to the analytical laboratory. Samples shall be labeled, placed in protective foam sleeves or bubble wrap as needed, stored on crushed ice at or below 4° C, and submitted under chain-of-custody (COC) to the laboratory. The laboratory shall be notified of the sample shipment schedule and arrival time. Samples shall be shipped to the laboratory within a time frame to allow for extraction and analysis to be performed within the standard sample holding times.

Sample labels shall be filled out using indelible ink and must contain the site name; field identification number; the date, time, and location of sample collection; notation of the type of sample; identification of preservatives used; remarks; and the signature of the sampler. Field identification must be sufficient to allow easy cross-reference with the field datasheet.

All samples submitted to the laboratory shall be accompanied by a COC record to ensure adequate documentation. One copy of the COC shall be kept in the QA/QC file and another copy shall be retained in the project file. Information on the COC shall consist of the project name and number; project location; sample numbers; sampler/recorder's signature; date and time of collection of each sample; sample type; analyses requested; name of person receiving the sample; and date of receipt of sample.

Laboratory-supplied trip blanks shall accompany the samples and be analyzed to check for cross-contamination, if requested by the project manager.

Well Development

Wells shall be developed using a combination of groundwater surging and extraction. A surge block shall be used to swab the well and agitate the groundwater in order to dislodge any fine sediment from the sand pack. After approximately ten minutes of swabbing the well, groundwater shall be extracted from the well using a bailer, pump and/or reverse air-lifting through a pipe to remove the sediments from the well. Alternating surging and extraction shall continue until the sediment volume in the groundwater (i.e. turbidity) is negligible, which typically requires extraction of approximately ten well-casing volumes of groundwater. Preliminary well development usually is performed during well installation prior to placing the sanitary surface seal to ensure sand pack stabilization. Well development that is performed after surface seal installation, should occur 72 hours after seal installation to ensure that the cement has had adequate time to set.

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Waste Handling and Disposal

Groundwater extracted during development and sampling shall be stored onsite in sealed U.S. DOT H17 55-gallon drums. Each drum shall be labeled with the contents, date of generation, generator identification and consultant contact. If hydrocarbon concentrations in the purged groundwater are below ADEC cleanup levels or the site is in a remote area (pending ADEC approval) groundwater will be discharged to the ground surface, at least 100 feet from the nearest surface water body.

APPENDIX B

LABORATORY ANALYTICAL REPORT

Gulf Coast ACCUTEST LABORATORIES

10/10/12

Technical Report for

DCP Midstream, LLC

CRA: Burton Flats Eddy County Carlsbad, NM

Accutest Job Number: TC17204

Sampling Date: 09/26/12

Report to:

DCP Midstream, L.P.
370 17th Street Suite 2500
Denver, CO 80202
cecole@dcpmidstream.com; jriggi@craworld.com;
ntaylor@craworld.com; spritchard@craworld.com
ATTN: Mr. Chandler Cole

Total number of pages in report: **48**

ACCREDITED IN ACCORDANCE WITH nelac

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

Richard Rodriguez
Laboratory Director

Client Service contact: Sylvia Garza 713-271-4700

Certifications: TX (T104704220-12-8) AR (11-028-0) AZ (AZ0769) FL (E87628) KS (E-10366) LA (85695/04004) OK (211-035)

Sections: 1 2 3 4 5 6 7

Table of Contents

Accutest Laboratories

Sample Summary

DCP Midstream, LLC

Job No: TC17204

CRA: Burton Flats Eddy County Carlsbad, NM

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
TC17204-1	09/26/12	14:45		09/28/12	AQ	Ground Water	MW-1
TC17204-2	09/26/12	14:15		09/28/12	AQ	Ground Water	MW-2
TC17204-3	09/26/12	14:15		09/28/12	AQ	Ground Water	MW-3
TC17204-4	09/26/12	00:00		09/28/12	AQ	Ground Water	DUP-1
TC17204-5	09/26/12	00:00		09/28/12	AQ	Trip Blank Water	TRIP BLANK
TC17204-6	09/26/12	00:00		09/28/12	AQ	Trip Blank Water	TRIP BLANK

Summary of Hits

Job Number: TC17204
Account: DCP Midstream, LLC
Project: CRA: Burton Flats Eddy County Carlsbad, NM
Collected: 09/26/12

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
TC17204-1	**MW-1**					
TPH-GRO (C6-C10)		0.829	0.25	0.061	mg/l	SW846 8015
Benzene		0.0615	0.0010	0.00058	mg/l	SW846 8021B
Ethylbenzene		0.0803	0.0010	0.00052	mg/l	SW846 8021B
Xylenes (total)		0.0015 J	0.0030	0.0013	mg/l	SW846 8021B
TPH (C10-C28)		17.0	1.0	0.32	mg/l	SW846 8015 M
Chloride		590	50		mg/l	EPA 300/SW846 9056
TC17204-2	**MW-2**					
TPH (C10-C28)		0.0522 J	0.10	0.031	mg/l	SW846 8015 M
Chloride		1130	50		mg/l	EPA 300/SW846 9056
TC17204-3	**MW-3**					
Ethylbenzene		0.00057 J	0.0010	0.00052	mg/l	SW846 8021B
TPH (C10-C28)		0.164	0.10	0.031	mg/l	SW846 8015 M
Chloride		447	25		mg/l	EPA 300/SW846 9056
TC17204-4	**DUP-1**					
TPH (C10-C28)		0.175	0.11	0.033	mg/l	SW846 8015 M
Chloride		439	25		mg/l	EPA 300/SW846 9056
TC17204-5	**TRIP BLANK**					

No hits reported in this sample.

Gulf Coast ACCUTEST LABORATORIES

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	MW-1		
Lab Sample ID:	TC17204-1	**Date Sampled:**	09/26/12
Matrix:	AQ - Ground Water	**Date Received:**	09/28/12
Method:	SW846 8015	**Percent Solids:**	n/a
Project:	CRA: Burton Flats Eddy County Carlsbad, NM		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	HH0012539.D	5	10/04/12	LT	n/a	n/a	GHH676
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	0.829	0.25	0.061	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	77%		52-127%
98-08-8	aaa-Trifluorotoluene	91%		58-141%

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-1		
Lab Sample ID:	TC17204-1	**Date Sampled:**	09/26/12
Matrix:	AQ - Ground Water	**Date Received:**	09/28/12
Method:	SW846 8021B	**Percent Solids:**	n/a
Project:	CRA: Burton Flats Eddy County Carlsbad, NM		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	KK045087.D	1	10/05/12	JL	n/a	n/a	GKK2093
Run #2	KK045106.D	1	10/08/12	JL	n/a	n/a	GKK2094

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

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	0.0615	0.0010	0.00058	mg/l	
108-88-3	Toluene	ND	0.0010	0.00050	mg/l	
100-41-4	Ethylbenzene	0.0803	0.0010	0.00052	mg/l	
1330-20-7	Xylenes (total)	0.0015	0.0030	0.0013	mg/l	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	119%	117%	60-146%
98-08-8	aaa-Trifluorotoluene	145% [a]	140% [a]	69-137%

(a) Outside control limits due to matrix interference. Confirmed by reanalysis.

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-1		
Lab Sample ID:	TC17204-1	**Date Sampled:**	09/26/12
Matrix:	AQ - Ground Water	**Date Received:**	09/28/12
Method:	SW846 8015 M SW846 3510C	**Percent Solids:**	n/a
Project:	CRA: Burton Flats Eddy County Carlsbad, NM		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CC228050.D	10	10/09/12	FO	10/03/12	OP25427	GCC1407
Run #2							

	Initial Volume	Final Volume
Run #1	980 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C28)	17.0	1.0	0.32	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	93%		37-135%

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-1		
Lab Sample ID:	TC17204-1	**Date Sampled:**	09/26/12
Matrix:	AQ - Ground Water	**Date Received:**	09/28/12
		Percent Solids:	n/a
Project:	CRA: Burton Flats Eddy County Carlsbad, NM		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Chloride	590	50	mg/l	100	10/03/12 06:22	RA	EPA 300/SW846 9056

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW-2		
Lab Sample ID:	TC17204-2	**Date Sampled:**	09/26/12
Matrix:	AQ - Ground Water	**Date Received:**	09/28/12
Method:	SW846 8015	**Percent Solids:**	n/a
Project:	CRA: Burton Flats Eddy County Carlsbad, NM		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	HH0012537.D	1	10/04/12	LT	n/a	n/a	GHH676
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.050	0.012	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	75%		52-127%
98-08-8	aaa-Trifluorotoluene	86%		58-141%

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-2		
Lab Sample ID:	TC17204-2	**Date Sampled:**	09/26/12
Matrix:	AQ - Ground Water	**Date Received:**	09/28/12
Method:	SW846 8021B	**Percent Solids:**	n/a
Project:	CRA: Burton Flats Eddy County Carlsbad, NM		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	KK045085.D	1	10/05/12	JL	n/a	n/a	GKK2093
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.0010	0.00058	mg/l	
108-88-3	Toluene	ND	0.0010	0.00050	mg/l	
100-41-4	Ethylbenzene	ND	0.0010	0.00052	mg/l	
1330-20-7	Xylenes (total)	ND	0.0030	0.0013	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	107%		60-146%
98-08-8	aaa-Trifluorotoluene	123%		69-137%

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-2		
Lab Sample ID:	TC17204-2	**Date Sampled:**	09/26/12
Matrix:	AQ - Ground Water	**Date Received:**	09/28/12
Method:	SW846 8015 M SW846 3510C	**Percent Solids:**	n/a
Project:	CRA: Burton Flats Eddy County Carlsbad, NM		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CC228016.D	1	10/03/12	FO	10/03/12	OP25427	GCC1406
Run #2							

	Initial Volume	Final Volume
Run #1	990 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C28)	0.0522	0.10	0.031	mg/l	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	81%		37-135%

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-2		
Lab Sample ID:	TC17204-2	**Date Sampled:**	09/26/12
Matrix:	AQ - Ground Water	**Date Received:**	09/28/12
		Percent Solids:	n/a
Project:	CRA: Burton Flats Eddy County Carlsbad, NM		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Chloride	1130	50	mg/l	100	10/03/12 07:13	RA	EPA 300/SW846 9056

RL = Reporting Limit

Report of Analysis

Client Sample ID: MW-3
Lab Sample ID: TC17204-3
Matrix: AQ - Ground Water
Method: SW846 8015
Project: CRA: Burton Flats Eddy County Carlsbad, NM

Date Sampled: 09/26/12
Date Received: 09/28/12
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	HH0012538.D	1	10/04/12	LT	n/a	n/a	GHH676
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.050	0.012	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	73%		52-127%
98-08-8	aaa-Trifluorotoluene	83%		58-141%

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-3		
Lab Sample ID:	TC17204-3	**Date Sampled:**	09/26/12
Matrix:	AQ - Ground Water	**Date Received:**	09/28/12
Method:	SW846 8021B	**Percent Solids:**	n/a
Project:	CRA: Burton Flats Eddy County Carlsbad, NM		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	KK045107.D	1	10/08/12	JL	n/a	n/a	GKK2094
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.0010	0.00058	mg/l	
108-88-3	Toluene	ND	0.0010	0.00050	mg/l	
100-41-4	Ethylbenzene	0.00057	0.0010	0.00052	mg/l	J
1330-20-7	Xylenes (total)	ND	0.0030	0.0013	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	106%		60-146%
98-08-8	aaa-Trifluorotoluene	128%		69-137%

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-3
Lab Sample ID: TC17204-3
Matrix: AQ - Ground Water
Method: SW846 8015 M SW846 3510C
Project: CRA: Burton Flats Eddy County Carlsbad, NM

Date Sampled: 09/26/12
Date Received: 09/28/12
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CC228017.D	1	10/03/12	FO	10/03/12	OP25427	GCC1406
Run #2							

	Initial Volume	Final Volume
Run #1	990 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C28)	0.164	0.10	0.031	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	88%		37-135%

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-3		
Lab Sample ID:	TC17204-3	**Date Sampled:**	09/26/12
Matrix:	AQ - Ground Water	**Date Received:**	09/28/12
		Percent Solids:	n/a
Project:	CRA: Burton Flats Eddy County Carlsbad, NM		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Chloride	447	25	mg/l	50	10/03/12 07:30	RA	EPA 300/SW846 9056

RL = Reporting Limit

Report of Analysis

Client Sample ID:	DUP-1		
Lab Sample ID:	TC17204-4	**Date Sampled:**	09/26/12
Matrix:	AQ - Ground Water	**Date Received:**	09/28/12
Method:	SW846 8015	**Percent Solids:**	n/a
Project:	CRA: Burton Flats Eddy County Carlsbad, NM		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	HH0012571.D	1	10/08/12	LT	n/a	n/a	GHH679
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.050	0.012	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	77%		52-127%
98-08-8	aaa-Trifluorotoluene	88%		58-141%

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

Report of Analysis

Client Sample ID:	DUP-1		
Lab Sample ID:	TC17204-4	**Date Sampled:**	09/26/12
Matrix:	AQ - Ground Water	**Date Received:**	09/28/12
Method:	SW846 8021B	**Percent Solids:**	n/a
Project:	CRA: Burton Flats Eddy County Carlsbad, NM		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	KK045110.D	1	10/08/12	JL	n/a	n/a	GKK2094
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.0010	0.00058	mg/l	
108-88-3	Toluene	ND	0.0010	0.00050	mg/l	
100-41-4	Ethylbenzene	ND	0.0010	0.00052	mg/l	
1330-20-7	Xylenes (total)	ND	0.0030	0.0013	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	97%		60-146%
98-08-8	aaa-Trifluorotoluene	114%		69-137%

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

Report of Analysis

Client Sample ID: DUP-1
Lab Sample ID: TC17204-4
Matrix: AQ - Ground Water
Method: SW846 8015 M SW846 3510C
Project: CRA: Burton Flats Eddy County Carlsbad, NM

Date Sampled: 09/26/12
Date Received: 09/28/12
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CC228022.D	1	10/03/12	FO	10/03/12	OP25427	GCC1406
Run #2							

	Initial Volume	Final Volume
Run #1	950 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C28)	0.175	0.11	0.033	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	77%		37-135%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	DUP-1		
Lab Sample ID:	TC17204-4	**Date Sampled:**	09/26/12
Matrix:	AQ - Ground Water	**Date Received:**	09/28/12
		Percent Solids:	n/a
Project:	CRA: Burton Flats Eddy County Carlsbad, NM		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Chloride	439	25	mg/l	50	10/03/12 07:47	RA	EPA 300/SW846 9056

RL = Reporting Limit

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	TC17204-5	**Date Sampled:**	09/26/12
Matrix:	AQ - Trip Blank Water	**Date Received:**	09/28/12
Method:	SW846 8021B	**Percent Solids:**	n/a
Project:	CRA: Burton Flats Eddy County Carlsbad, NM		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	KK045111.D	1	10/08/12	JL	n/a	n/a	GKK2094
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.0010	0.00058	mg/l	
108-88-3	Toluene	ND	0.0010	0.00050	mg/l	
100-41-4	Ethylbenzene	ND	0.0010	0.00052	mg/l	
1330-20-7	Xylenes (total)	ND	0.0030	0.0013	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	101%		60-146%
98-08-8	aaa-Trifluorotoluene	118%		69-137%

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

Gulf Coast ACCUTEST LABORATORIES

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

CHAIN OF CUSTODY

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

FED-EX Tracking # | Bottle Order Control #
Accutest Quote # | Accutest Job # TC17204

Client / Reporting Information

Company Name: Conestoga Rovers and Associates
Project Contact: Jeffrey Cloud
E-Mail: Spritchard@craworld.com
Address: 2135 South Loop 250 W
City: Midland | State: Texas | Zip: 79703
Phone No.: 432 686-0086 | Fax No.:
Samplers's Name: [signature]

Project Information

Project Name / No.: CCP Burton Flats 070537-2012-04
Bill to: DCP Midstream | Invoice Attn.: Daniel Dick
Address: 2135 S Loop 250 W
City: Midland | State: TX | Zip: 79703
Phone No.: (432) 686-0086 | Fax No.: (432) 686-0186
Client Purchase Order #:

	Accutest Sample #	Field ID / Point of Collection	Collection Date	Collection Time	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NONE	NaHSO4	MEOH	ENCORE	BTEX 8260B	TPH GRO 8015	TPH DRO 8015	Chlorids 300.0/9056	LAB USE ONLY
1	1	MW-1	9-26-12	1445	GW	9	X								X	X	X	X	
2	2	MW-2	9-26-12	1415	GW	9	X								X	X	X	X	
3	3	MW-3	9-26-12	1345	GW	9	X								X	X	X	X	
	4	~~MW-4~~			GW	9	X								X	X	X	X	
4	5	DUP-1	9-26-12		GW	9	X								X	X	X	X	
5	6	Trip Blank			TB	2	X								X				

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

Turnaround Time (Business days)

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

Approved By/ Date:

Real time analytical data available via Lablink

Data Deliverable Information

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

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

Comments / Remarks

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

Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1 [signature]	9-27-12	1 [signature]	2 [signature]	9-28-12 9:30	2 [signature]
Relinquished by: 3	Date Time:	Received By: 3	Relinquished By: 4	Date Time:	Received By: 4
Relinquished by: 5	Date Time:	Received By: 5	Custody Seal #	Preserved where applicable ☐	On Ice ☐ Cooler Temp.

TC17204: Chain of Custody
Page 1 of 5

Accutest Laboratories Sample Receipt Summary

Accutest Job Number: TC17204 **Client:** CONESTOGA ROVERS & ASSOCIATES **Project:** DCP BURTON FLATS 070537-2012-04

Date / Time Received: 9/28/2012 **Delivery Method:** **Airbill #'s:** 540704992041

No. Coolers: 1 **Therm ID:** IRGUN5; **Temp Adjustment Factor:** -0.4;

Cooler Temps (Initial/Adjusted): #1: (5.5/5.1);

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:			
3. Cooler media:	Ice (bag)		

Quality Control Preservation	Y	or	N	N/A	WTB	STB
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 recvd for analysis:	☑		☐	
4. Compositing instructions clear:	☐		☐	☑
5. Filtering instructions clear:	☐		☐	☑

Comments

- Received extra set of [water] Trip Blank not listed on COC. Added to end of job.
- [mw-2]: Collection [time] on label ([14:45]) does not match the [time] listed on COC ([14:15])

Problem Resolution

Accutest Job Number: TC17204

CSR: Sylvia Garza **Response Date:** 9/28/2012

Response: Follow 1415, time on jar per client.

TC17204: Chain of Custody
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Sample Receipt Log

Job #: TC17204 **Date / Time Received:** 9/28/2012 9:20:00 AM **Initials:** CH

Client: CONESTOGA ROVERS & ASSOCIATES

Cooler #	Sample ID:	Vol	Bot #	Location	Pres	pH	Therm ID	Initial Temp	Therm CF	Corrected Temp
1	TC17204-1	LAG	1	4W	N/P	Note #2 - Preservative check not applicable.	IRGUN5	5.5	-0.4	5.1
1	TC17204-1	LAG	2	4W	N/P	Note #2 - Preservative check not applicable.	IRGUN5	5.5	-0.4	5.1
1	TC17204-1	250ml	3	3P	N/P	Note #2 - Preservative check not applicable.	IRGUN5	5.5	-0.4	5.1
1	TC17204-1	40ml	4	VR	HCL	Note #1 - Preservative to be checked by analyst at the instrument.	IRGUN5	5.5	-0.4	5.1
1	TC17204-1	40ml	5	VR	HCL	Note #1 - Preservative to be checked by analyst at the instrument.	IRGUN5	5.5	-0.4	5.1
1	TC17204-1	40ml	6	VR	HCL	Note #1 - Preservative to be checked by analyst at the instrument.	IRGUN5	5.5	-0.4	5.1
1	TC17204-1	40ml	7	VR	HCL	Note #1 - Preservative to be checked by analyst at the instrument.	IRGUN5	5.5	-0.4	5.1
1	TC17204-1	40ml	8	VR	HCL	Note #1 - Preservative to be checked by analyst at the instrument.	IRGUN5	5.5	-0.4	5.1
1	TC17204-1	40ml	9	VR	HCL	Note #1 - Preservative to be checked by analyst at the instrument.	IRGUN5	5.5	-0.4	5.1
1	TC17204-2	LAG	1	4W	N/P	Note #2 - Preservative check not applicable.	IRGUN5	5.5	-0.4	5.1
1	TC17204-2	LAG	2	4W	N/P	Note #2 - Preservative check not applicable.	IRGUN5	5.5	-0.4	5.1
1	TC17204-2	250ml	3	3P	N/P	Note #2 - Preservative check not applicable.	IRGUN5	5.5	-0.4	5.1
1	TC17204-2	40ml	4	VR	HCL	Note #1 - Preservative to be checked by analyst at the instrument.	IRGUN5	5.5	-0.4	5.1
1	TC17204-2	40ml	5	VR	HCL	Note #1 - Preservative to be checked by analyst at the instrument.	IRGUN5	5.5	-0.4	5.1
1	TC17204-2	40ml	6	VR	HCL	Note #1 - Preservative to be checked by analyst at the instrument.	IRGUN5	5.5	-0.4	5.1
1	TC17204-2	40ml	7	VR	HCL	Note #1 - Preservative to be checked by analyst at the instrument.	IRGUN5	5.5	-0.4	5.1
1	TC17204-2	40ml	8	VR	HCL	Note #1 - Preservative to be checked by analyst at the instrument.	IRGUN5	5.5	-0.4	5.1
1	TC17204-2	40ml	9	VR	HCL	Note #1 - Preservative to be checked by analyst at the instrument.	IRGUN5	5.5	-0.4	5.1
1	TC17204-3	LAG	1	4W	N/P	Note #2 - Preservative check not applicable.	IRGUN5	5.5	-0.4	5.1
1	TC17204-3	LAG	2	4W	N/P	Note #2 - Preservative check not applicable.	IRGUN5	5.5	-0.4	5.1
1	TC17204-3	250ml	3	3P	N/P	Note #2 - Preservative check not applicable.	IRGUN5	5.5	-0.4	5.1
1	TC17204-3	40ml	4	VR	HCL	Note #1 - Preservative to be checked by analyst at the instrument.	IRGUN5	5.5	-0.4	5.1
1	TC17204-3	40ml	5	VR	HCL	Note #1 - Preservative to be checked by analyst at the instrument.	IRGUN5	5.5	-0.4	5.1
1	TC17204-3	40ml	6	VR	HCL	Note #1 - Preservative to be checked by analyst at the instrument.	IRGUN5	5.5	-0.4	5.1

TC17204: Chain of Custody
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Sample Receipt Log

Job #: TC17204 **Date / Time Received:** 9/28/2012 9:20:00 AM **Initials:** CH

Client: CONESTOGA ROVERS & ASSOCIATES

Cooler #	Sample ID:	Vol	Bot #	Location	Pres	pH	Therm ID	Initial Temp	Therm CF	Corrected Temp
1	TC17204-3	40ml	7	VR	HCL	Note #1 - Preservative to be checked by analyst at the instrument.	IRGUN5	5.5	-0.4	5.1
1	TC17204-3	40ml	8	VR	HCL	Note #1 - Preservative to be checked by analyst at the instrument.	IRGUN5	5.5	-0.4	5.1
1	TC17204-3	40ml	9	VR	HCL	Note #1 - Preservative to be checked by analyst at the instrument.	IRGUN5	5.5	-0.4	5.1
1	TC17204-4	LAG	1	4W	N/P	Note #2 - Preservative check not applicable.	IRGUN5	5.5	-0.4	5.1
1	TC17204-4	LAG	2	4W	N/P	Note #2 - Preservative check not applicable.	IRGUN5	5.5	-0.4	5.1
1	TC17204-4	250ml	3	3P	N/P	Note #2 - Preservative check not applicable.	IRGUN5	5.5	-0.4	5.1
1	TC17204-4	40ml	4	VR	HCL	Note #1 - Preservative to be checked by analyst at the instrument.	IRGUN5	5.5	-0.4	5.1
1	TC17204-4	40ml	5	VR	HCL	Note #1 - Preservative to be checked by analyst at the instrument.	IRGUN5	5.5	-0.4	5.1
1	TC17204-4	40ml	6	VR	HCL	Note #1 - Preservative to be checked by analyst at the instrument.	IRGUN5	5.5	-0.4	5.1
1	TC17204-4	40ml	7	VR	HCL	Note #1 - Preservative to be checked by analyst at the instrument.	IRGUN5	5.5	-0.4	5.1
1	TC17204-4	40ml	8	VR	HCL	Note #1 - Preservative to be checked by analyst at the instrument.	IRGUN5	5.5	-0.4	5.1
1	TC17204-4	40ml	9	VR	HCL	Note #1 - Preservative to be checked by analyst at the instrument.	IRGUN5	5.5	-0.4	5.1
1	TC17204-5	40ml	1	VR	HCL	Note #1 - Preservative to be checked by analyst at the instrument.	IRGUN5	5.5	-0.4	5.1
1	TC17204-5	40ml	2	VR	HCL	Note #1 - Preservative to be checked by analyst at the instrument.	IRGUN5	5.5	-0.4	5.1
1	TC17204-6	40ml	1	VR	HCL	Note #1 - Preservative to be checked by analyst at the instrument.	IRGUN5	5.5	-0.4	5.1
1	TC17204-6	40ml	2	VR	HCL	Note #1 - Preservative to be checked by analyst at the instrument.	IRGUN5	5.5	-0.4	5.1

TC17204: Chain of Custody
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Gulf Coast ACCUTEST LABORATORIES

GC 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: TC17204
Account: DUKE DCP Midstream, LLC
Project: CRA: Burton Flats Eddy County Carlsbad, NM

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GHH676-MB	HH0012536.D	1	10/04/12	LT	n/a	n/a	GHH676

The QC reported here applies to the following samples: **Method:** SW846 8015

TC17204-1, TC17204-2, TC17204-3

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.050	0.012	mg/l	

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	76%	52-127%
98-08-8	aaa-Trifluorotoluene	88%	58-141%

Method Blank Summary

Job Number: TC17204
Account: DUKE DCP Midstream, LLC
Project: CRA: Burton Flats Eddy County Carlsbad, NM

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GHH679-MB	HH0012570.D	1	10/08/12	LT	n/a	n/a	GHH679

The QC reported here applies to the following samples: **Method:** SW846 8015

TC17204-4

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.050	0.012	mg/l	

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	73%	52-127%
98-08-8	aaa-Trifluorotoluene	84%	58-141%

Method Blank Summary

Job Number: TC17204
Account: DUKE DCP Midstream, LLC
Project: CRA: Burton Flats Eddy County Carlsbad, NM

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GKK2093-MB	KK045074.D	1	10/05/12	JL	n/a	n/a	GKK2093

The QC reported here applies to the following samples: **Method:** SW846 8021B

TC17204-1, TC17204-2

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.58	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.52	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
1330-20-7	Xylenes (total)	ND	3.0	1.3	ug/l	

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	88%	60-146%
98-08-8	aaa-Trifluorotoluene	98%	69-137%

Method Blank Summary

Job Number: TC17204
Account: DUKE DCP Midstream, LLC
Project: CRA: Burton Flats Eddy County Carlsbad, NM

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GKK2094-MB	KK045105.D	1	10/08/12	JL	n/a	n/a	GKK2094

The QC reported here applies to the following samples: **Method:** SW846 8021B

TC17204-1, TC17204-3, TC17204-4, TC17204-5

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.58	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.52	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
1330-20-7	Xylenes (total)	ND	3.0	1.3	ug/l	

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	96%	60-146%
98-08-8	aaa-Trifluorotoluene	110%	69-137%

Blank Spike Summary

Job Number: TC17204
Account: DUKE DCP Midstream, LLC
Project: CRA: Burton Flats Eddy County Carlsbad, NM

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GHH676-BS	HH0012534.D	1	10/04/12	LT	n/a	n/a	GHH676

The QC reported here applies to the following samples: **Method:** SW846 8015

TC17204-1, TC17204-2, TC17204-3

CAS No.	Compound	Spike mg/l	BSP mg/l	BSP %	Limits
	TPH-GRO (C6-C10)	0.4	0.417	104	73-122

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	4-Bromofluorobenzene	89%	52-127%
98-08-8	aaa-Trifluorotoluene	101%	58-141%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: TC17204
Account: DUKE DCP Midstream, LLC
Project: CRA: Burton Flats Eddy County Carlsbad, NM

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GHH679-BS	HH0012568.D	1	10/08/12	LT	n/a	n/a	GHH679

The QC reported here applies to the following samples: **Method:** SW846 8015

TC17204-4

CAS No.	Compound	Spike mg/l	BSP mg/l	BSP %	Limits
	TPH-GRO (C6-C10)	0.4	0.461	115	73-122

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	4-Bromofluorobenzene	87%	52-127%
98-08-8	aaa-Trifluorotoluene	103%	58-141%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: TC17204
Account: DUKE DCP Midstream, LLC
Project: CRA: Burton Flats Eddy County Carlsbad, NM

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GKK2093-BS	KK045073.D	1	10/05/12	JL	n/a	n/a	GKK2093

The QC reported here applies to the following samples: **Method:** SW846 8021B

TC17204-1, TC17204-2

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	20	17.3	87	80-118
100-41-4	Ethylbenzene	20	19.9	100	79-118
108-88-3	Toluene	20	16.3	82	80-116
1330-20-7	Xylenes (total)	60	54.3	91	81-117

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	4-Bromofluorobenzene	91%	60-146%
98-08-8	aaa-Trifluorotoluene	109%	69-137%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: TC17204
Account: DUKE DCP Midstream, LLC
Project: CRA: Burton Flats Eddy County Carlsbad, NM

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GKK2094-BS	KK045104.D	1	10/08/12	JL	n/a	n/a	GKK2094

The QC reported here applies to the following samples: **Method:** SW846 8021B

TC17204-1, TC17204-3, TC17204-4, TC17204-5

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	20	18.6	93	80-118
100-41-4	Ethylbenzene	20	20.1	101	79-118
108-88-3	Toluene	20	17.7	89	80-116
1330-20-7	Xylenes (total)	60	58.2	97	81-117

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	4-Bromofluorobenzene	101%	60-146%
98-08-8	aaa-Trifluorotoluene	120%	69-137%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: TC17204
Account: DUKE DCP Midstream, LLC
Project: CRA: Burton Flats Eddy County Carlsbad, NM

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
TC17204-4MS	HH0012541.D	5	10/04/12	LT	n/a	n/a	GHH676
TC17204-4MSD	HH0012542.D	5	10/04/12	LT	n/a	n/a	GHH676
TC17204-4 [a]	HH0012540.D	5	10/04/12	LT	n/a	n/a	GHH676

The QC reported here applies to the following samples: **Method:** SW846 8015

TC17204-1, TC17204-2, TC17204-3

CAS No.	Compound	TC17204-4 mg/l	Q	Spike mg/l	MS mg/l	MS %	MSD mg/l	MSD %	RPD	Limits Rec/RPD
	TPH-GRO (C6-C10)	ND		2	2.33	117	2.26	113	3	73-122/15

CAS No.	Surrogate Recoveries	MS	MSD	TC17204-4	Limits
460-00-4	4-Bromofluorobenzene	89%	85%		52-127%
98-08-8	aaa-Trifluorotoluene	104%	104%		58-141%

(a) Sample used for QC purposes only.

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: TC17204
Account: DUKE DCP Midstream, LLC
Project: CRA: Burton Flats Eddy County Carlsbad, NM

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
TC17204-4MS	HH0012572.D	1	10/08/12	LT	n/a	n/a	GHH679
TC17204-4MSD	HH0012573.D	1	10/08/12	LT	n/a	n/a	GHH679
TC17204-4	HH0012571.D	1	10/08/12	LT	n/a	n/a	GHH679

The QC reported here applies to the following samples: **Method:** SW846 8015

TC17204-4

CAS No.	Compound	TC17204-4 mg/l	Q	Spike mg/l	MS mg/l	MS %	MSD mg/l	MSD %	RPD	Limits Rec/RPD
	TPH-GRO (C6-C10)	ND		0.4	0.424	106	0.374	94	13	73-122/15

CAS No.	Surrogate Recoveries	MS	MSD	TC17204-4	Limits
460-00-4	4-Bromofluorobenzene	78%	81%	77%	52-127%
98-08-8	aaa-Trifluorotoluene	96%	100%	88%	58-141%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: TC17204
Account: DUKE DCP Midstream, LLC
Project: CRA: Burton Flats Eddy County Carlsbad, NM

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
TC17204-2MS	KK045096.D	1	10/06/12	JL	n/a	n/a	GKK2093
TC17204-2MSD	KK045097.D	1	10/06/12	JL	n/a	n/a	GKK2093
TC17204-2	KK045085.D	1	10/05/12	JL	n/a	n/a	GKK2093

The QC reported here applies to the following samples: **Method:** SW846 8021B

TC17204-1, TC17204-2

CAS No.	Compound	TC17204-2 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		20	16.9	85	16.3	82	4	80-118/22
100-41-4	Ethylbenzene	ND		20	19.4	97	18.2	91	6	79-118/14
108-88-3	Toluene	ND		20	16.6	83	16.1	81	3	80-116/22
1330-20-7	Xylenes (total)	ND		60	52.9	88	49.6	83	6	81-117/16

CAS No.	Surrogate Recoveries	MS	MSD	TC17204-2	Limits
460-00-4	4-Bromofluorobenzene	87%	82%	107%	60-146%
98-08-8	aaa-Trifluorotoluene	104%	102%	123%	69-137%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: TC17204
Account: DUKE DCP Midstream, LLC
Project: CRA: Burton Flats Eddy County Carlsbad, NM

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
TC17204-3MS	KK045108.D	1	10/08/12	JL	n/a	n/a	GKK2094
TC17204-3MSD	KK045109.D	1	10/08/12	JL	n/a	n/a	GKK2094
TC17204-3	KK045107.D	1	10/08/12	JL	n/a	n/a	GKK2094

The QC reported here applies to the following samples: **Method:** SW846 8021B

TC17204-1, TC17204-3, TC17204-4, TC17204-5

CAS No.	Compound	TC17204-3 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		20	19.7	99	19.1	96	3	80-118/22
100-41-4	Ethylbenzene	0.57	J	20	23.6	115	23.0	112	3	79-118/14
108-88-3	Toluene	ND		20	19.3	97	18.6	93	4	80-116/22
1330-20-7	Xylenes (total)	ND		60	63.9	107	61.5	103	4	81-117/16

CAS No.	Surrogate Recoveries	MS	MSD	TC17204-3	Limits
460-00-4	4-Bromofluorobenzene	100%	100%	106%	60-146%
98-08-8	aaa-Trifluorotoluene	121%	120%	128%	69-137%

* = Outside of Control Limits.

Gulf Coast ACCUTEST LABORATORIES

GC Semi-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: TC17204
Account: DUKE DCP Midstream, LLC
Project: CRA: Burton Flats Eddy County Carlsbad, NM

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP25427-MB	CC228012.D	1	10/03/12	FO	10/03/12	OP25427	GCC1406

The QC reported here applies to the following samples: **Method:** SW846 8015 M

TC17204-1, TC17204-2, TC17204-3, TC17204-4

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C28)	ND	0.10	0.031	mg/l	

CAS No.	Surrogate Recoveries		Limits
84-15-1	o-Terphenyl	68%	37-135%

Blank Spike/Blank Spike Duplicate Summary

Job Number: TC17204
Account: DUKE DCP Midstream, LLC
Project: CRA: Burton Flats Eddy County Carlsbad, NM

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP25427-BS	CC228013.D	1	10/03/12	FO	10/03/12	OP25427	GCC1406
OP25427-BSD	CC228014.D	1	10/03/12	FO	10/03/12	OP25427	GCC1406

The QC reported here applies to the following samples: **Method:** SW846 8015 M

TC17204-1, TC17204-2, TC17204-3, TC17204-4

CAS No.	Compound	Spike mg/l	BSP mg/l	BSP %	BSD mg/l	BSD %	RPD	Limits Rec/RPD
	TPH (C10-C28)	1	0.742	74	0.754	75	2	42-105/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
84-15-1	o-Terphenyl	63%	80%	37-135%

* = Outside of Control Limits.

Gulf Coast ACCUTEST LABORATORIES

General Chemistry

QC Data Summaries

Includes the following where applicable:

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

METHOD BLANK AND SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: TC17204
Account: DUKE - DCP Midstream, LLC
Project: CRA: Burton Flats Eddy County Carlsbad, NM

Analyte	Batch ID	RL	MB Result	Units	Spike Amount	BSP Result	BSP %Recov	QC Limits
Chloride	GP20968/GN45343	0.50	0.0	mg/l	10	9.13	91.3	90-110%

Associated Samples:
Batch GP20968: TC17204-1, TC17204-2, TC17204-3, TC17204-4
(*) Outside of QC limits

DUPLICATE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: TC17204
Account: DUKE - DCP Midstream, LLC
Project: CRA: Burton Flats Eddy County Carlsbad, NM

Analyte	Batch ID	QC Sample	Units	Original Result	DUP Result	RPD	QC Limits
Chloride	GP20968/GN45343	TC17204-1	mg/l	590	576	2.4	0-13%

Associated Samples:
Batch GP20968: TC17204-1, TC17204-2, TC17204-3, TC17204-4
(*) Outside of QC limits

MATRIX SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: TC17204
Account: DUKE - DCP Midstream, LLC
Project: CRA: Burton Flats Eddy County Carlsbad, NM

Analyte	Batch ID	QC Sample	Units	Original Result	Spike Amount	MS Result	%Rec	QC Limits
Chloride	GP20968/GN45343	TC17204-1	mg/l	590	1000	1710	112.0N	90-110%

Associated Samples:
Batch GP20968: TC17204-1, TC17204-2, TC17204-3, TC17204-4
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits