

FREMONT ENVIRONMENTAL INC.

August 18, 2014

Mr. Jacob Evans
Noble Energy Inc.
1625 Broadway, Suite 2000
Denver, CO 80202

Subject: **Ground Water Monitoring Report**
 Kodak 35-21
 NENW Sec 35 T6N R 67W
 API # 05-123-27391
 Weld County, Colorado
 Fremont Project No. C013-019
 Facility #287166

Dear Mr. Evans:

Enclosed please find a copy of the above referenced Ground Water Monitoring Report for the Kodak 35-21 site in Weld County, Colorado. The enclosed report describes monitoring and sampling efforts to assess ground water quality at the site. Please contact me at (303) 956-8714 if you require any additional information.

Fremont appreciates the opportunity to provide this service.

Sincerely,
FREMONT ENVIRONMENTAL INC.



Paul V. Henehan, P.E.
Senior Consultant

Enclosure

GROUND WATER MONITORING REPORT

NOBLE ENERGY INC.

KODAK 35-21

WELD COUNTY, COLORADO

FREMONT PROJECT NO. C013-019

FACILITY #287166, LOCATION #302233

Prepared by:

**Fremont Environmental Inc.
12061 Pennsylvania Street, Suite A-105
Thornton, CO 80241
(303) 956-8714**

August 18, 2014

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GROUND WATER MONITORING REPORT

NOBLE ENERGY INC.

KODAK 35-21

WELD COUNTY, COLORADO

FREMONT PROJECT NO. C013-019

FACILITY #287166

1.0 INTRODUCTION

The purpose of this document is to present ground water quality data collected subsequent to remediation by excavation at the Kodak 35-21 site in Weld County, Colorado. Impacted soil and ground water were identified at this location due to a release from the well's flow line. Soil removal was undertaken on February 4, 2013 at two locations at this facility. Ten monitoring wells were advanced on February 22, 2013 to delineate the magnitude and extent of subsurface impacts prior to excavation. Due to the elevated concentrations of petroleum constituents in several of the monitoring wells, three additional wells were installed on July 9, 2013. Oversight of the excavation and installation of these thirteen monitoring wells was conducted by Eagle Environmental Inc. (Eagle). An additional seven monitoring wells were installed by Fremont Environmental Inc. (Fremont) on September 9, 2013.

2.0 BACKGROUND INFORMATION

2.1 Site Location

The Kodak 35-21 facility is located approximately 2 miles south of Windsor, Colorado in Weld County as shown on Figure 1. It includes two 300 bbl tanks for condensate storage that is produced from the natural gas well north of the tank battery. The site is located in an agricultural area 1.5 miles east of Highway 257 on Howard Smith Ave. The location is further described as the NE $\frac{1}{4}$ of the NW $\frac{1}{4}$ of section 35, township 6N, range 67W. A Site Map is included as Figure 2.

2.2 Site History

The site is a natural gas production and oil storage facility for the Kodak 35-21 natural gas well. This well was drilled in 2006 to a depth of approximately 7,250 feet.

Soil impacts were identified at the facility during routine operations and have been attributed to a release from the flow line in two locations. Ground water in the area is present at a depth of approximately four feet.

Remediation efforts included the excavation of impacted soil adjacent to the flow line in two locations where the flow line had failed. A total of 140 cubic yards of soil were removed in February 2013 and the impacted soil was disposed of as non-hazardous waste. Chemically oxidized granular activated carbon (COGAC) was placed at the water table during backfilling to promote biodegradation of any residual petroleum in the soil and ground water.

On February 22, 2013, 10 soil borings were advanced by Eagle at the site to determine the magnitude and extent of subsurface impacts resulting from the release. All 10 of the borings were completed as flush-mounted monitoring wells as illustrated on the attached figures. Due to the presence of dissolved petroleum constituents in the ground water, an additional three wells were installed by Eagle on July 9, 2013. However, these additional monitoring wells were unable to establish Points of Compliance (POC). Therefore, Fremont installed an additional seven monitoring wells on September 9, 2013 to fully delineate the extent of petroleum impacts in the ground water.

3.0 GROUND WATER MONITORING ACTIVITIES

3.1 Ground Water Level Measurements

Ground water levels were measured in 18 of the 20 monitoring wells on July 28, 2014 in accordance with the Sampling Plan included in Appendix A. Monitoring wells MW-1 and MW-11 could not be located during this sampling event. The data are summarized in Table 1.

Water table contours inferred from the July 2014 data are illustrated on Figure 3. Based on these data, ground water is inferred to flow to the southeast. The water table gradient was calculated at approximately 0.009 feet per foot (ft/ft) for the July 2014 data.

3.2 Ground Water Sampling and Analysis

Ground water samples were collected from 18 of the 20 monitoring wells on July 28, 2014 to monitor the magnitude and extent of ground water impacts at the site. The ground water samples were submitted to eAnalytics Laboratory in Loveland, Colorado for analyses of benzene, toluene, ethylbenzene and xylenes (BTEX) by EPA Method 8260C. The laboratory data indicated that the BTEX constituents were all below their respective Colorado Oil and Gas Conservation Commission (COGCC) limits for the 18 ground water samples. This ground water chemistry data is illustrated on Figure 4.

The ground water analytical data are summarized in Table 1. A copy of the laboratory reports, quality control data, and chain-of-custody documentation are presented in Appendix B.

4.0 DISCUSSION

Due to two releases from the flow line at the Kodak 35-21 location, an excavation was conducted in February 2013 to remove petroleum impacted soil. A total of 140 cubic

yards of impacted soil was removed and transported to a landfill as non-hazardous waste. Subsequent to the excavation, a total of 20 monitoring wells have been advanced at the site to determine the extent of subsurface impacts in ground water.

Ground water samples from 18 of the 20 wells were collected and analyzed on July 28, 2014. As noted above, monitoring wells MW-1 and MW-11 could not be located. The BTEX concentrations were below the laboratory's detection limits as well as the COGCC Table 910-1 levels in the 18 monitoring wells. The ground water chemistry data are illustrated on Figure 4 and indicate that the extent of ground water impact has been delineated. In addition, ground water has been determined to flow generally to the southeast as shown on Figure 3.

Noble will continue to sample the monitoring wells on a quarterly basis to evaluate the ground water quality at this location. After four consecutive quarters of COGCC-compliant BTEX concentrations, Noble will request closure of this site.

5.0 REMARKS

The discussion and conclusions contained in this report represent our professional opinions. These opinions are based on currently available information and are arrived at in accordance with currently accepted hydrogeologic and engineering practices at this time and location. Other than this, no warranty is implied or intended.

This report was prepared by **FREMONT ENVIRONMENTAL INC.**



Paul V. Henehan, P.E.

Senior Consultant

8/18/14
Date_____

TABLE

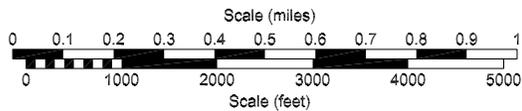
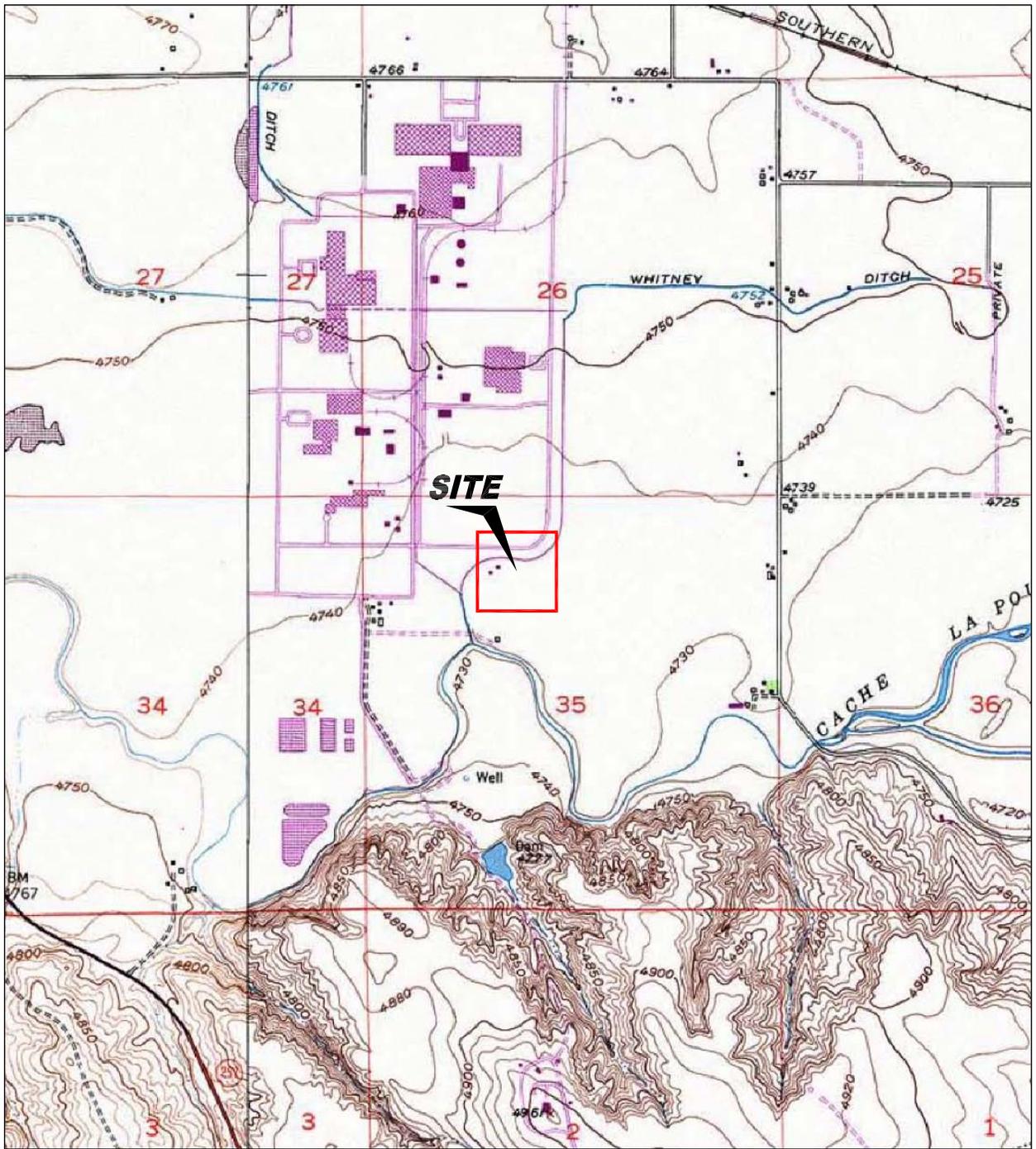
TABLE 1
SUMMARY OF GROUND WATER ELEVATION DATA AND CHEMISTRY DATA
NOBLE ENERGY INC.
KODAK 35-21, 35-22, WELD COUNTY, COLORADO+A30
FREMONT PROJECT NO. C013-019

SAMPLE LOCATION	DATE	BENZENE (µg/L)	TOLUENE (µg/L)	ETHYL BENZENE (µg/L)	TOTAL XYLENES (µg/L)	TOC ELEVATION (feet)	DEPTH TO GROUND WATER (ft)	GROUND WATER ELEVATION (ft)	FREE PRODUCT THICKNESS (ft)
MW-1	02/25/13	<1.0	<1.0	<1.0	<1.0	96.33	4.87	91.46	NP
	05/29/13	<1.0	<1.0	<1.0	<1.0		4.34	91.99	NP
	09/06/13	NS	NS	NS	NS		3.71	92.62	NP
	10/29/13	<1.0	<1.0	<1.0	<1.0		3.88	92.45	NP
	01/20/14	<1.0	<1.0	<1.0	<1.0		4.50	91.83	NP
	04/09/14	<1.0	<1.0	<1.0	<1.0		4.71	91.62	NP
	07/28/14	NF	NF	NF	NF		NF	NF	NF
MW-2	02/25/13	<1.0	<1.0	<1.0	<1.0	96.25	4.74	91.51	NP
	05/29/13	<1.0	<1.0	<1.0	<1.0		4.48	91.77	NP
	09/06/13	NF	NF	NF	NF		NF	NF	NF
	10/29/13	<1.0	<1.0	<1.0	<1.0		3.70	92.55	NP
	01/20/14	<1.0	<1.0	<1.0	<1.0		4.33	91.92	NP
	04/09/14	<1.0	<1.0	<1.0	<1.0		4.55	91.70	NP
	07/28/14	<1.0	<1.0	<1.0	<1.0		2.54	93.71	NP
MW-3	02/25/13	<1.0	<1.0	<1.0	<1.0	96.27	4.91	91.36	NP
	05/29/13	<1.0	<1.0	<1.0	<1.0		4.66	91.61	NP
	09/06/13	NS	NS	NS	NS		3.76	92.51	NP
	10/29/13	<1.0	<1.0	<1.0	<1.0		3.87	92.40	NP
	01/20/14	<1.0	<1.0	<1.0	<1.0		4.51	91.76	NP
	04/09/14	<1.0	<1.0	<1.0	<1.0		4.70	91.57	NP
	07/28/14	<1.0	<1.0	<1.0	<1.0		2.78	93.49	NP
MW-4	02/25/13	<1.0	<1.0	<1.0	<1.0	96.62	5.26	91.36	NP
	05/29/13	74.9	<1.0	<1.0	<1.0		5.02	91.60	NP
	09/06/13	NS	NS	NS	NS		4.09	92.53	NP
	10/29/13	14.6	<1.0	<1.0	<1.0		4.27	92.35	NP
	01/20/14	<1.0	<1.0	<1.0	<1.0		4.87	91.75	NP
	04/09/14	3.5	<1.0	<1.0	<1.0		5.09	91.53	NP
	07/28/14	<1.0	<1.0	<1.0	<1.0		3.71	92.91	NP
MW-5	02/25/13	<1.0	<1.0	<1.0	<1.0	100.00	8.67	91.33	NP
	05/29/13	<1.0	<1.0	<1.0	<1.0		8.43	91.57	NP
	09/06/13	NS	NS	NS	NS		7.52	92.48	NP
	10/29/13	<1.0	<1.0	<1.0	<1.0		7.65	92.35	NP
	01/20/14	<1.0	<1.0	<1.0	<1.0		8.28	91.72	NP
	04/09/14	<1.0	<1.0	<1.0	<1.0		8.49	91.51	NP
	07/28/14	<1.0	<1.0	<1.0	<1.0		6.59	93.41	NP
MW-6	02/25/13	<1.0	<1.0	<1.0	<1.0	95.93	4.82	91.11	NP
	05/29/13	204	<1.0	<1.0	<1.0		4.55	91.38	NP
	09/06/13	NS	NS	NS	NS		3.68	92.25	NP
	10/29/13	2.1	<1.0	<1.0	<1.0		4.79	91.14	NP
	01/20/14	<1.0	<1.0	<1.0	<1.0		4.40	91.53	NP
	04/09/14	<1.0	<1.0	<1.0	<1.0		4.61	91.32	NP
	07/28/14	<1.0	<1.0	<1.0	<1.0		3.09	92.84	NP
MW-7	02/25/13	12.9	<1.0	<1.0	7.3	95.77	4.74	91.03	NP
	03/07/13	328	1.8	<1.0	24.7		NM	NM	NP
	05/29/13	1.4	<1.0	<1.0	<1.0		4.46	91.31	NP
	09/06/13	NF	NF	NF	NF		NF	NF	NP
	10/29/13	<1.0	<1.0	<1.0	<1.0		3.73	92.04	NP
	01/20/14	<1.0	<1.0	<1.0	<1.0		4.33	91.44	NP
	04/09/14	<1.0	<1.0	<1.0	<1.0		4.52	91.25	NP
07/28/14	<1.0	<1.0	<1.0	<1.0	2.74	93.03	NP		
MW-8	02/25/13	<1.0	<1.0	<1.0	<1.0	95.66	4.63	91.03	NP
	05/29/13	288	<1.0	<1.0	<1.0		4.36	91.30	NP
	09/06/13	NS	NS	NS	NS		3.49	92.17	NP
	10/29/13	<1.0	<1.0	<1.0	<1.0		3.61	92.05	NP
	01/20/14	<1.0	<1.0	<1.0	<1.0		4.21	91.45	NP
	04/09/14	<1.0	<1.0	<1.0	<1.0		4.39	91.27	NP
	07/28/14	<1.0	<1.0	<1.0	<1.0		2.65	93.01	NP
MW-9	02/25/13	<1.0	<1.0	<1.0	<1.0	96.00	4.98	91.02	NP
	05/29/13	<1.0	<1.0	<1.0	<1.0		4.71	91.29	NP
	09/06/13	NS	NS	NS	NS		3.86	92.14	NP
	10/29/13	<1.0	<1.0	<1.0	<1.0		3.97	92.03	NP
	01/20/14	<1.0	<1.0	<1.0	<1.0		4.56	91.44	NP
	04/09/14	<1.0	<1.0	<1.0	<1.0		4.73	91.27	NP
	07/28/14	<1.0	<1.0	<1.0	<1.0		3.06	92.94	NP

SAMPLE LOCATION	DATE	BENZENE (µg/L)	TOLUENE (µg/L)	ETHYL BENZENE (µg/L)	TOTAL XYLENES (µg/L)	TOC ELEVATION (feet)	DEPTH TO GROUND WATER (ft)	GROUND WATER ELEVATION (ft)	FREE PRODUCT THICKNESS (ft)
MW-10	02/25/13	<1.0	<1.0	<1.0	<1.0	95.46	4.51	90.95	NP
	05/29/13	13.3	<1.0	<1.0	<1.0		4.22	91.24	NP
	09/06/13	NS	NS	NS	NS		3.37	92.09	NP
	10/29/13	<1.0	<1.0	<1.0	<1.0		3.50	91.96	NP
	01/20/14	<1.0	<1.0	<1.0	<1.0		4.09	91.37	NP
	04/09/14	<1.0	<1.0	<1.0	<1.0		4.26	91.20	NP
	07/28/14	<1.0	<1.0	<1.0	<1.0		2.59	92.87	NP
MW-11	07/09/13	<1.0	<1.0	<1.0	<1.0	98.71	5.56	93.15	NP
	09/06/13	NS	NS	NS	NS		6.35	92.36	NP
	10/29/13	<1.0	<1.0	<1.0	<1.0		6.50	92.21	NP
	01/20/14	<1.0	<1.0	<1.0	<1.0		7.12	91.59	NP
	04/09/14	<1.0	<1.0	<1.0	<1.0		7.35	91.36	NP
	07/28/14	NF	NF	NF	NF		NF	NF	NF
MW-12	07/09/13	8.1	<1.0	<1.0	<1.0	95.96	2.79	93.17	NP
	09/06/13	NS	NS	NS	NS		3.62	92.34	NP
	10/29/13	<1.0	<1.0	<1.0	<1.0		3.72	92.24	NP
	01/20/14	<1.0	<1.0	<1.0	<1.0		4.32	91.64	NP
	04/09/14	<1.0	<1.0	<1.0	<1.0		4.51	91.45	NP
	07/28/14	<1.0	<1.0	<1.0	<1.0		2.98	92.98	NP
MW-13	07/09/13	21.3	<1.0	<1.0	<1.0	95.55	2.98	92.57	NP
	09/06/13	NS	NS	NS	NS		3.52	92.03	NP
	10/29/13	1.7	<1.0	<1.0	<1.0		3.64	91.91	NP
	01/20/14	<1.0	<1.0	<1.0	<1.0		4.25	91.30	NP
	04/09/14	2.6	<1.0	<1.0	<1.0		4.42	91.13	NP
	07/28/14	<1.0	<1.0	<1.0	<1.0		2.79	92.76	NP
	MW-14	09/06/13	<1.0	<1.0	<1.0		<1.0	96.10	3.82
10/29/13		<1.0	<1.0	<1.0	<1.0	3.90	92.20		NP
01/20/14		<1.0	<1.0	<1.0	<1.0	4.51	91.59		NP
04/09/14		<1.0	<1.0	<1.0	<1.0	4.68	91.42		NP
07/28/14		<1.0	<1.0	<1.0	<1.0	2.93	93.17		NP
MW-15		09/06/13	<1.0	<1.0	<1.0	<1.0	96.37		4.15
	10/29/13	<1.0	<1.0	<1.0	<1.0	4.18		92.19	NP
	01/20/14	<1.0	<1.0	<1.0	<1.0	4.81		91.56	NP
	04/09/14	<1.0	<1.0	<1.0	<1.0	5.02		91.35	NP
	07/28/14	<1.0	<1.0	<1.0	<1.0	3.14		93.23	NP
	MW-16	09/06/13	<1.0	<1.0	<1.0	<1.0		95.89	3.71
10/29/13		<1.0	<1.0	<1.0	<1.0	3.84	92.05		NP
01/20/14		<1.0	<1.0	<1.0	<1.0	4.46	91.43		NP
04/09/14		<1.0	<1.0	<1.0	<1.0	4.65	91.24		NP
07/28/14		<1.0	<1.0	<1.0	<1.0	2.89	93.00		NP
MW-17		09/06/13	<1.0	<1.0	<1.0	<1.0	95.75		3.71
	10/29/13	<1.0	<1.0	<1.0	<1.0	3.87		91.88	NP
	01/20/14	<1.0	<1.0	<1.0	<1.0	4.46		91.29	NP
	04/09/14	<1.0	<1.0	<1.0	<1.0	4.64		91.11	NP
	07/28/14	<1.0	<1.0	<1.0	<1.0	2.96		92.79	NP
	MW-18	09/06/13	<1.0	<1.0	<1.0	<1.0		95.89	3.95
10/29/13		3.5	<1.0	<1.0	<1.0	4.11	91.78		NP
01/20/14		<1.0	<1.0	<1.0	<1.0	4.71	91.18		NP
04/09/14		<1.0	<1.0	<1.0	<1.0	4.88	91.01		NP
07/28/14		<1.0	<1.0	<1.0	<1.0	3.29	92.60		NP
MW-19		09/06/13	<1.0	<1.0	<1.0	<1.0	95.85		3.88
	10/29/13	<1.0	<1.0	<1.0	<1.0	4.00		91.85	NP
	01/20/14	<1.0	<1.0	<1.0	<1.0	4.56		91.29	NP
	04/09/14	<1.0	<1.0	<1.0	<1.0	4.74		91.11	NP
	07/28/14	<1.0	<1.0	<1.0	<1.0	3.16		92.69	NP
	MW-20	09/06/13	<1.0	<1.0	<1.0	<1.0		96.03	3.91
10/29/13		<1.0	<1.0	<1.0	<1.0	4.00	92.03		NP
01/20/14		<1.0	<1.0	<1.0	<1.0	4.57	91.46		NP
04/09/14		<1.0	<1.0	<1.0	<1.0	4.75	91.28		NP
07/28/14		<1.0	<1.0	<1.0	<1.0	3.09	92.94		NP
Table 910-1 Limits		5	560	700	1,400				

Bold face values exceed the COGCC limits
NP - No Free Product

FIGURES



USGS 7.5 MINUTE SERIES (TOPOGRAPHIC)

Figure 1
SITE LOCATION MAP

Noble - Kodak 35-21
NE NW Section 35, T6N R67W
Weld County, Colorado

Project No.
C013-019

Prepared by

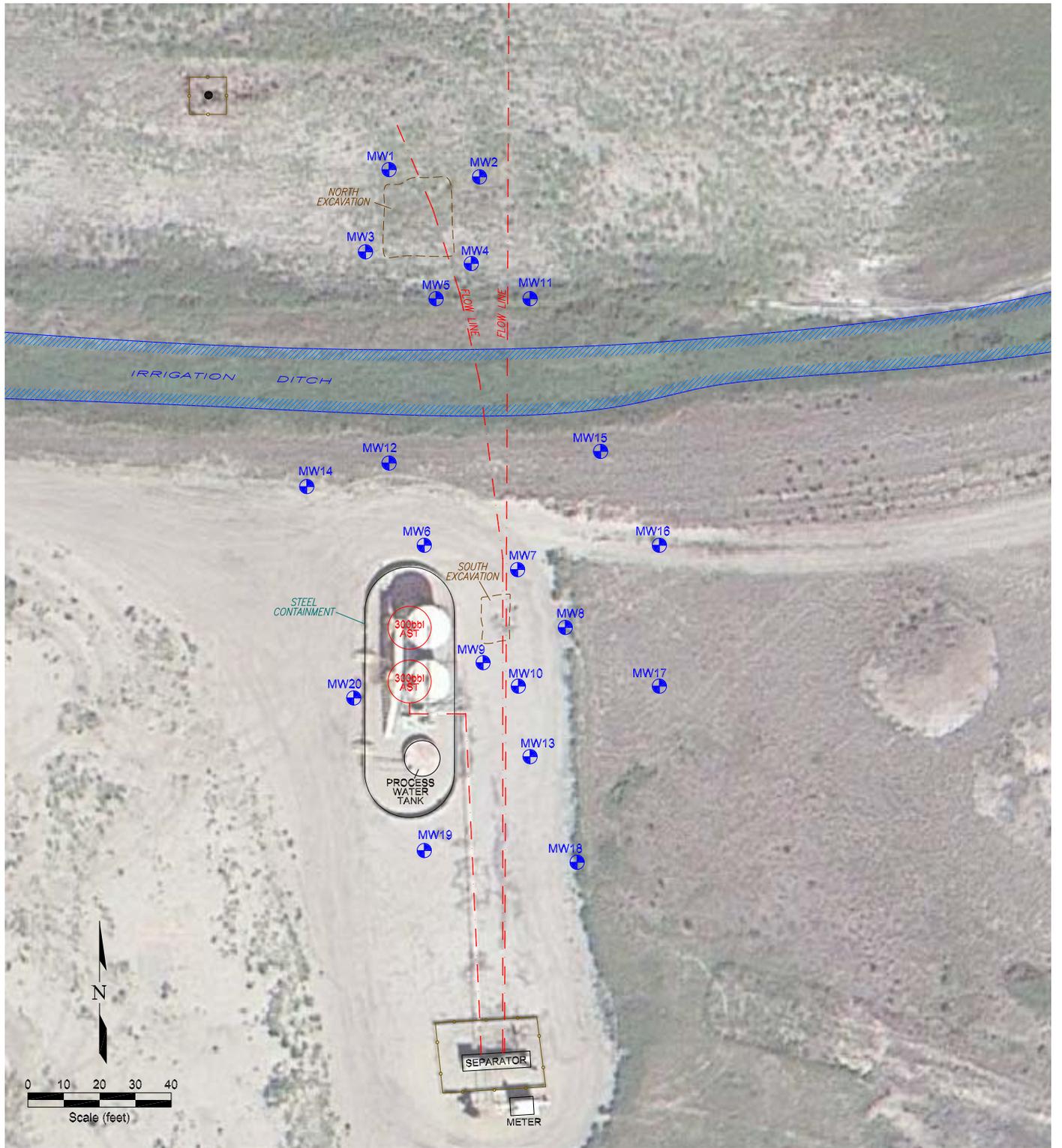
Drawn by
JMA

Date
8/21/13

Reviewed by

Filename
13019T





LEGEND

- WELL LOCATION
- PIPELINE
- FENCE LINE
- ABOVE GROUND STORAGE TANK

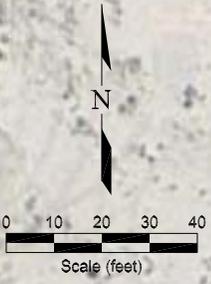
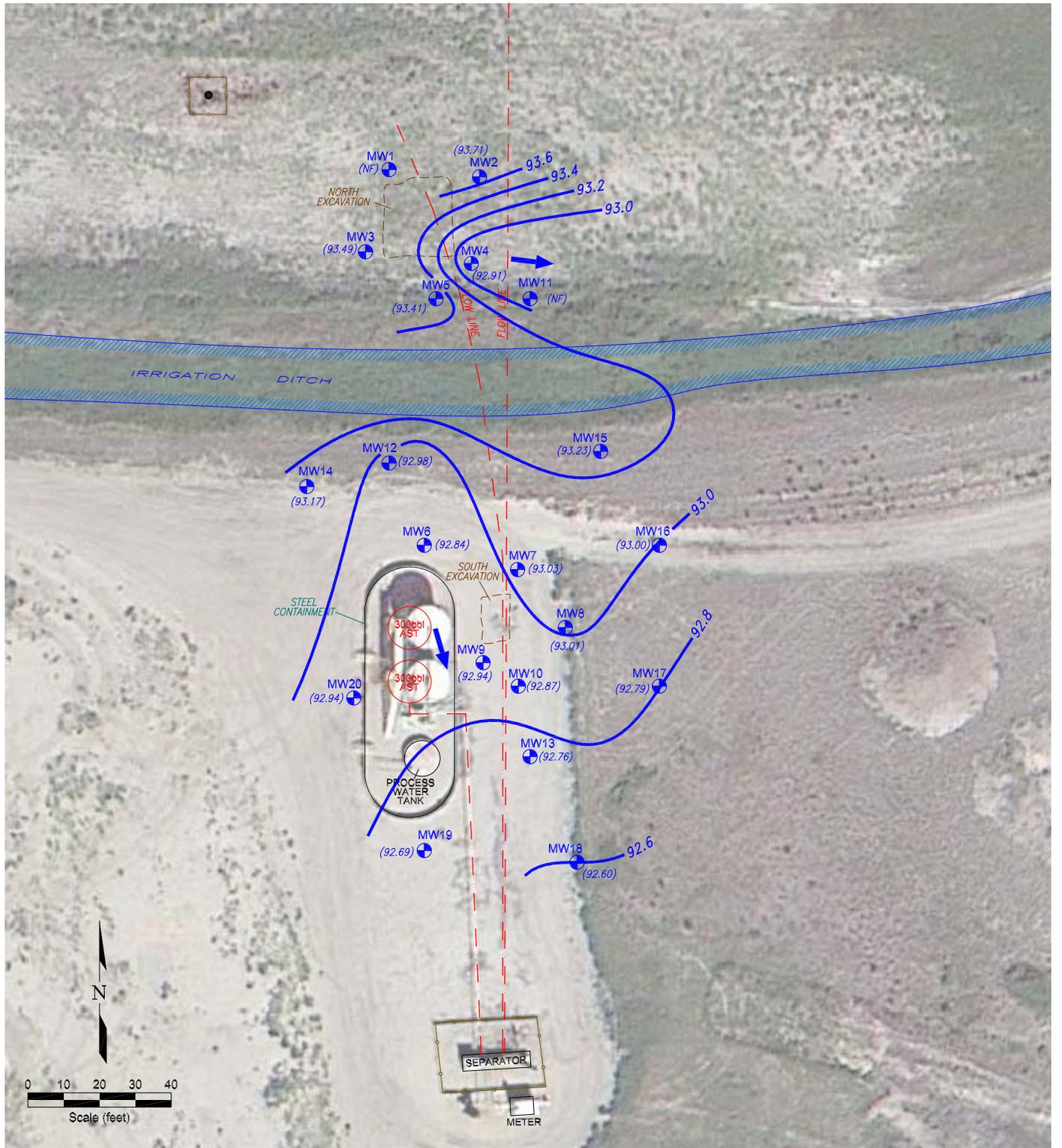
Figure 2

SITE MAP

Noble - Kodak 35-21
 NE NW Section 35, T6N R67W
 Weld County, Colorado

Project No. C013-019	Prepared by	Drawn by JMA
Date 9/9/13	Reviewed by	Filename 13019Q





LEGEND

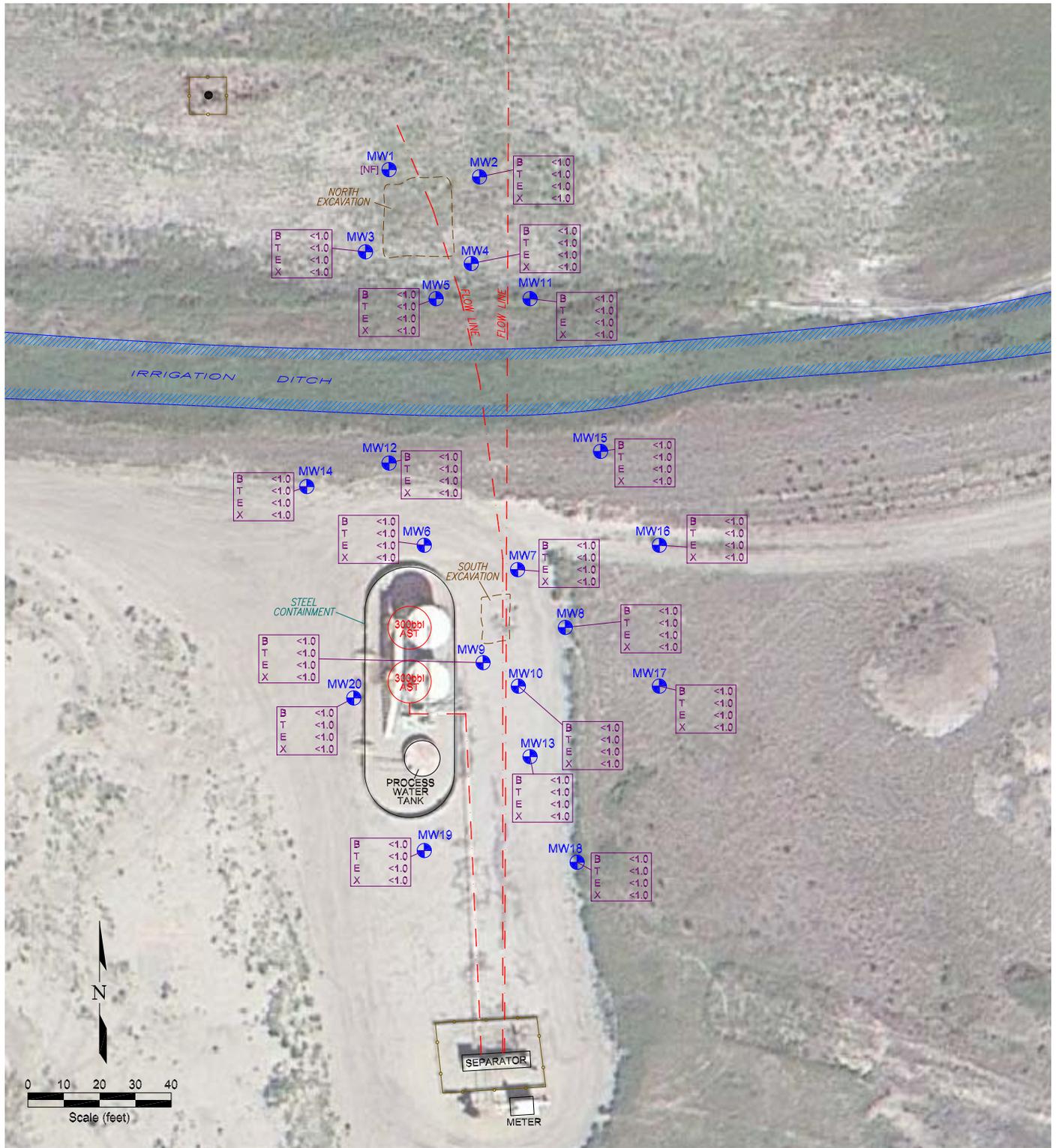
- WELL LOCATION
- PIPELINE
- FENCE LINE
- ABOVE GROUND STORAGE TANK
- GROUND WATER ELEVATION (ft above arbitrary datum)
- WATER TABLE CONTOUR
- GROUND WATER FLOW DIRECTION
- NOT USED FOR CONTOURING
- NOT FOUND

Figure 3
INFERRED GROUNDWATER CONTOUR
JULY 28, 2014

Noble - Kodak 35-21
 NE NW Section 35, T6N R67W
 Weld County, Colorado

Project No. C013-019	Prepared by	Drawn by JMA
Date 8/19/14	Reviewed by	Filename 13019Q





LEGEND

- WELL LOCATION
 - PIPELINE
 - FENCE LINE
 - ABOVE GROUND STORAGE TANK
-
- | | | |
|---|------|----------------------|
| B | <1.0 | BENZENE (ug/L) |
| T | <1.0 | TOLUENE (ug/L) |
| E | <1.0 | ETHYLBENZENE (ug/L) |
| X | <1.0 | TOTAL XYLENES (ug/L) |
- NF NOT FOUND

Figure 4
GROUND WATER ANALYTICAL MAP
JULY 28, 2014

Noble - Kodak 35-21
 NE NW Section 35, T6N R67W
 Weld County, Colorado

Project No. C013-019	Prepared by	Drawn by JMA
Date 8/11/14	Reviewed by	Filename 13019Q



APPENDIX A

SAMPLING PLAN

SAMPLING METHODS AND PROCEDURES

Water Level Measurements

All ground water level measurements will be obtained using an electric measuring device, which indicates when a probe is in contact with ground water. Measurements will be obtained by lowering the device into the well until the water surface had been encountered, and by measuring the distance from the top of the inside riser pipe to the probe. All of the measurements will be recorded to the nearest 0.01 ft. To minimize cross-contamination, the water level indicator will be decontaminated with isopropyl alcohol and distilled water between each well.

Monitoring Well Sampling

All monitoring wells were sampled from the “cleanest” to the “most contaminated” according to the protocols listed below.

Field Protocol

- Step 1 Measure water level in each well.
- Step 2 Purge each monitoring well by evacuating a minimum of three well bore volumes using a disposable polyethylene bailer.
- Step 3 Collect water samples using a disposable polyethylene bailer.
- Step 4 Cool samples to approximately 4°C for transportation.
- Step 5 Store water samples and transport to a specific laboratory, following all documentation and chain-of-custody procedures.

Upon completion of ground water sampling, a chain-of-custody log will be completed. Chain-of-custody records include the following information: project, project number, shipped by, shipped to, suspected hazard, sampling point, location, field identification number, date collected, sample type, number of containers, analysis required, and sampler's signature.

The chain-of-custody records will be shipped with the samples to the laboratory. Upon arrival at the laboratory the samples will be checked in and signed by the appropriate laboratory personnel. Laboratory identification numbers will be noted on the chain-of-custody record. Upon completion of the laboratory analysis, the completed chain-of-custody record will be returned to the project manager.

Analytical Methods

The following list identifies the various chemical constituents and analytical methods which will be used for their quantification.

<u>Chemical Parameter</u>	<u>Method</u>
Benzene, Toluene, Ethylbenzene and Total Xylenes (BTEX)	EPA Method - 8260B

APPENDIX B

LABORATORY DOCUMENTATION

Test Report

eANALYTICS LABORATORY

July 31, 2014

Client: Fremont Environmental / Noble Energy
Project: Kodak 35-21
Lab ID: 1868
Date Samples Received: 7/29/2014
Number of Samples: 20
Sample Condition: Samples arrived intact and in appropriate sample containers
Sample Temperature: Within acceptable range of 2-6° C, or as specified in EPA Method

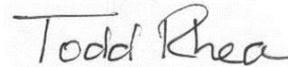
The quality control procedures associated with the requested analyses were satisfactorily passed before the samples were run.

Thank you for allowing eAnalytics Laboratory to provide laboratory services for you.

Sincerely,



Christopher Dieken
Quality Assurance Manager



Todd Rhea
Laboratory Manager

eAnalytics Laboratory

1767 Rocky Mountain Avenue Loveland CO 80538

Chain of Custody

eANALYTICS

LABORATORY

Chain of Custody Form

		1767 Rocky Mountain Avenue Loveland CO 80538 Phone: (970) 667-6975 Fax: (970) 669-0941 www.eAnalyticsLab.com									
CLIENT INFORMATION <small>(*New Clients please fill out completely)</small>		ANALYSIS INFORMATION <small>(Select analysis by checking box on corresponding sample line)</small>									
Company: Fremont Environmental Project: <u>CO13-019 Kodak 35-21</u> Project Manager: Paul Henchan Sampler: <u>Mark Tucker</u> Phone/Email: 303-956-8714 Address: P.O. Box 1289 Wellington CO 80549		Other Analysis Matrix: (S) Soil (W) Water (V) Vapor (O) Other BTEX (EPA 8260) BTEX Naphthalene (EPA 8260) TPH - GRO/DRO (EPA 8260/8015) SAR (US Dept of Ag Method 20B) EC (US Dept of Ag Method 3) pH (EPA 9045D)									
Lab ID	Sample Name	Sampling Date/Time	Number of Containers	Matrix: (S) Soil (W) Water (V) Vapor (O) Other	BTEX (EPA 8260)	BTEX Naphthalene (EPA 8260)	TPH - GRO/DRO (EPA 8260/8015)	SAR (US Dept of Ag Method 20B)	EC (US Dept of Ag Method 3)	pH (EPA 9045D)	
	<u>mw 2</u>	<u>7/28</u>	<u>2</u>	<u>W</u>	<u>X</u>						
	<u>3</u>										
	<u>4</u>										
	<u>5</u>										
	<u>6</u>										
	<u>7</u>										
	<u>8</u>										
	<u>9</u>										
	<u>10</u>										
	<u>11</u>										
	<u>12</u>										
	<u>13</u>										
	<u>14</u>										
	<u>15</u>										
	<u>16</u>										
	<u>17</u>										
	<u>18</u>										
Comments:											
Turnaround Time (Business Days) <small>TAT begins when sample is received by eANALYTICS</small> <input checked="" type="radio"/> Normal (5-10 Days) <input type="radio"/> 3 Day (1.25x) <input type="radio"/> 2 Day (1.5x) <input type="radio"/> 1 Day (2x) <input type="radio"/> Next Bus Morning (Noble Pricing)		Record of Custody Relinquished by: <u>Mark Tucker</u> Date: <u>7/28</u> Company: FREMONT ENVIRONMENTAL Time: <u>1500</u> AM/PM									
For eANALYTICS Use Samples Received Intact <input checked="" type="radio"/> Yes <input type="radio"/> No Received Within Temperature Range (2-6°C) <input checked="" type="radio"/> Yes <input type="radio"/> No Sample Preservative: Ice <input type="radio"/> None <input type="radio"/> Acid <input type="radio"/> Other		Received by: _____ Date: _____ Company: _____ Time: _____ AM/PM Relinquished by: _____ Date: _____ Company: _____ Time: _____ AM/PM Received by: <u>Mark Tucker</u> Date: <u>7/29</u> Company: <u>eANALYTICS</u> Time: <u>10:40</u> AM/PM									

WO # 1868

eANALYTICS: Environmental testing made Easy

Page ___ of ___

eAnalytics Laboratory

1767 Rocky Mountain Avenue Loveland CO 80538



Client: Fremont Environmental / Noble Energy Lab ID: 1868
 Project: Kodak 35-21
 Analysis: Volatile Organics Method: EPA8260

Sample Name	Benzene ug/L	Toluene ug/L	Ethyl- benzene ug/L	Total Xylenes ug/L	Date Sampled	Date Analyzed	Lab ID
MW 2	< 1.0	< 1.0	< 1.0	< 1.0	07/28/14	07/29/14	1868 1
MW 3	< 1.0	< 1.0	< 1.0	< 1.0	07/28/14	07/29/14	1868 2
MW 4	< 1.0	< 1.0	< 1.0	< 1.0	07/28/14	07/29/14	1868 3
MW 5	< 1.0	< 1.0	< 1.0	< 1.0	07/28/14	07/29/14	1868 4
MW 6	< 1.0	< 1.0	< 1.0	< 1.0	07/28/14	07/29/14	1868 5
MW 7	< 1.0	< 1.0	< 1.0	< 1.0	07/28/14	07/29/14	1868 6
MW 8	< 1.0	< 1.0	< 1.0	< 1.0	07/28/14	07/29/14	1868 7
MW 9	< 1.0	< 1.0	< 1.0	< 1.0	07/28/14	07/29/14	1868 8
MW 10	< 1.0	< 1.0	< 1.0	< 1.0	07/28/14	07/29/14	1868 9
MW 12	< 1.0	< 1.0	< 1.0	< 1.0	07/28/14	07/29/14	1868 10
MW 13	< 1.0	< 1.0	< 1.0	< 1.0	07/28/14	07/29/14	1868 11
MW 14	< 1.0	< 1.0	< 1.0	< 1.0	07/28/14	07/29/14	1868 12
MW 15	< 1.0	< 1.0	< 1.0	< 1.0	07/28/14	07/29/14	1868 13
MW 16	< 1.0	< 1.0	< 1.0	< 1.0	07/28/14	07/29/14	1868 14
MW 17	< 1.0	< 1.0	< 1.0	< 1.0	07/28/14	07/29/14	1868 15
MW 18	< 1.0	< 1.0	< 1.0	< 1.0	07/28/14	07/29/14	1868 16
MW 19	< 1.0	< 1.0	< 1.0	< 1.0	07/28/14	07/29/14	1868 17
MW 20	< 1.0	< 1.0	< 1.0	< 1.0	07/28/14	07/29/14	1868 18



Client: Fremont Environmental / Noble Energy

Lab ID: 1868

Project: Kodak 35-21

Method: EPA8260

Sample Name	Dibromo-fluoromethane % Recovery	1,2 Dichloro-ethane-D4 % Recovery	Toluene-D8 % Recovery	Bromo-fluorobenzene % Recovery	Date Sampled	Date Analyzed	Lab ID
MW 2	100	109	91	95	07/28/14	07/29/14	1868 1
MW 3	109	89	91	93	07/28/14	07/29/14	1868 2
MW 4	94	106	98	106	07/28/14	07/29/14	1868 3
MW 5	92	100	100	93	07/28/14	07/29/14	1868 4
MW 6	87	102	89	98	07/28/14	07/29/14	1868 5
MW 7	105	108	101	88	07/28/14	07/29/14	1868 6
MW 8	103	100	102	96	07/28/14	07/29/14	1868 7
MW 9	109	105	108	91	07/28/14	07/29/14	1868 8
MW 10	103	101	95	105	07/28/14	07/29/14	1868 9
MW 12	90	93	103	96	07/28/14	07/29/14	1868 10
MW 13	90	100	106	105	07/28/14	07/29/14	1868 11
MW 14	87	101	86	104	07/28/14	07/29/14	1868 12
MW 15	90	92	92	102	07/28/14	07/29/14	1868 13
MW 16	89	108	98	102	07/28/14	07/29/14	1868 14
MW 17	93	87	102	97	07/28/14	07/29/14	1868 15
MW 18	86	103	101	107	07/28/14	07/29/14	1868 16
MW 19	106	91	98	87	07/28/14	07/29/14	1868 17
MW 20	92	87	94	108	07/28/14	07/29/14	1868 18

eANALYTICS
LABORATORY

Client: Fremont Environmental / Noble Energy Lab ID: 1868
 Project: Kodak 35-21
 Analysis: Volatile Organics Method: EPA8260

Sample Name	Benzene % Rec	Toluene % Rec	Ethyl- benzene % Rec	Total Xylenes % Rec	Date Analyzed	Lab ID
Laboratory Control Sample (70-130%)	95	101	103	92	07/29/14	LCS 1868 1
Method Blank	< 1.0	< 1.0	< 1.0	< 1.0	07/29/14	MB 1868 1
	ug/L	ug/L	ug/L	ug/L		

eAnalytics Laboratory

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