

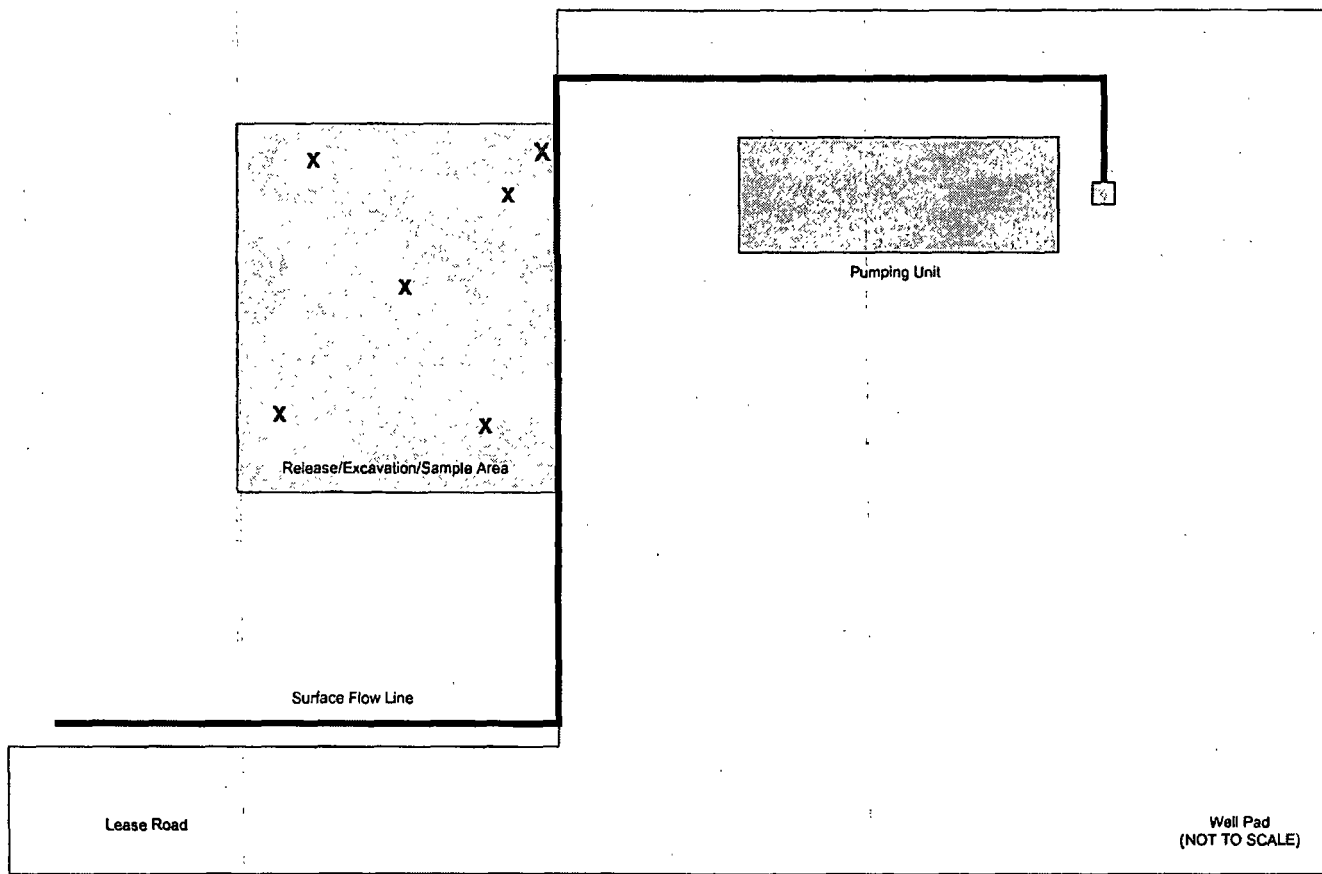
Bratcher, Mike, EMNRD

From: Bob Asher <BobA@yatespetroleum.com>
Sent: Monday, October 28, 2013 4:14 PM
To: Bratcher, Mike, EMNRD
Subject: C-141 Final Report (Juniper BIP Federal #9-H)
Attachments: Juniper BIP Federal 9H.pdf

Thank you.

Robert Asher
NM Environmental Regulatory Supervisor
Yates Petroleum Corporation
105 S. 4th Street
Artesia, NM 88210
575-748-4217 (Office)
575-365-4021 (Cell)

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Analytical Report- 1317079 (Summit)	Sample Area	Sample Date	Sample Type	Depth	BTEX	GRO	DRO	Chlorides
c00.5	Release/Excavation/ Sample Area	10/22/2013	Comp/Auger	6"	ND	ND	ND	ND
c01.0	Release/Excavation/ Sample Area	10/22/2013	Comp/Auger	12"	ND	ND	ND	ND
c01.5	Release/Excavation/ Sample Area	10/22/2013	Comp/Auger	18"	ND	ND	ND	ND

Site Ranking is Ten (10). Depth to Ground Water 50'-99'(approx. 70', per Trend Map).

All results are ppm. X - Sample Points X - Release Point

Released : 3 B/O & 12 B/PW; Recovered: 2 B/O & 10B/PW. Release Date: 9/17/2013



Juniper BIP Federal #9-H

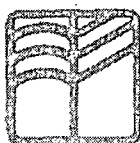
30-015-37407

Section 4, T24S-R29E

Eddy County, NM

SAMPLE DIAGRAM (Not to Scale)

Prepared by Robert Asher
Environmental Regulatory Division



SUMMIT
ENVIRONMENTAL TECHNOLOGIES, INC.
Analytical Laboratories

LABORATORY REPORT

Client

Yates Petroleum Corporation
105 S. 4th Street
Artesia, NM 88210

Order Number

1317079

Project Number

Juniper BIP Federal #9-H

Issued

Friday, October 25, 2013

Total Number of Pages

6 (excluding C.O.C. and cooler receipt form)

Approved By :

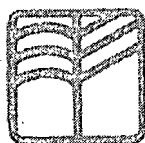
QA Manager



Certifications: A2LA/DOD 0724.01, Alabama 41600, Arkansas 88-0735, California 07256CA, Colorado, Connecticut PH-0105, Delaware, Florida NELAC E87688, Georgia E87688 and 943, Idaho OH00923, Illinois 200061 and Reg.5, Indiana C-OH-13, Kansas E-10347, Kentucky (underground Storage Tank) 3, Kentucky 90146, Louisiana 04061 and LA12004, Maine 2012015, Maryland 339, Massachusetts M-OPH923, Michigan (Reg.5), Minnesota 409711, Montana CERT0099, New Hampshire 2996, New Jersey OH006, New York 11777, North Carolina 39705 and 631, Ohio 4170, Ohio VAP CL0052, Oklahoma 9940, Oregon OH200001, Pennsylvania 68-01335, Rhode Island LA000317, South Carolina 92016001, Tennessee TN04018, Texas T104704466-11-5, Region 5 WG-15J, Region 8 BTMS-L, USDA/APHIS P330-11-00244, Utah OH009232011-1, Vermont VT-87688, Virginia 00440 and 1581, Washington C891, West Virginia 248 and 9957C and E87688, Wisconsin 399013010

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Web Site: www.settek.com



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Analytical Laboratories

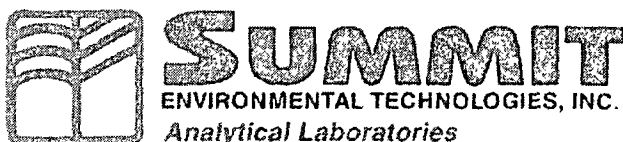
2

Sample Summary

Client: Yates Petroleum Corporation

Order Number: 1317079

Laboratory ID	Client ID	Matrix	Sampling Date
1317079-01	c00.5	Solid	10/22/2013
1317079-02	c01-0	Solid	10/22/2013
1317079-03	c01.5	Solid	10/22/2013



Report Narrative

Client: Yates Petroleum Corporation

Order Number: 1317079

Solid sample results are reported on a wet weight basis except as noted.
No problems were encountered during analysis of this order number, except as noted.

Method numbers, unless specified as SM or ASTM, are EPA methods.

Data Qualifiers:

B = Analyte found in the method blank
J = Estimated concentration of analyte between MDL (LOD) and Reporting Limit (LOQ)
C = Analyte has been confirmed by another instrument or method
E = Analyte exceeds the upper limit of the calibration curve.
D = Sample or extract was analyzed at a higher dilution
X = User defined data qualifier.
S = Surrogate out of control limits
U = Undetected
a = Not Accredited by NELAC

ND = Non Detected at LOQ
DF = Dilution Factor

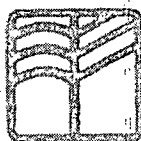
Limit Of Quantitation (LOQ) = Laboratory Reporting Limit (not adjusted for dilution factor)
Limit Of Detection (LOD) = Method Detection Limit
Practical Quantitation Limit (PQL) = (same as LOQ)
Method Detection Limit (MDL) = (same as LOD)
Reporting Detection Limit (RDL) = (same as LOD)

Estimated uncertainty values are available upon request.

The test results meet the requirements of the NELAC standard, except where noted. The information contained in this analytical report is the sole property of Summit Environmental Technologies, Inc. and that of the client. It cannot be reproduced in any form without the consent of Summit Environmental Technologies, Inc. or the client for which this report was issued. The results contained in this report are only representative of the samples received. Conditions can vary at different times and at different sampling conditions. Summit Environmental Technologies, Inc. is not responsible for use or interpretation of the data included herein.

Matrices:

A = Air
C = Cream
DW = Drinking Water
L = Liquid
O = Oil
SL = Sludge
SO = Soil
S = Solid
T = Tablet
TC = TCLP Extract
WW = Waste Water
W = Wipe



SUMMIT
ENVIRONMENTAL TECHNOLOGIES, INC.
Analytical Laboratories

October 25, 2013

Client: Yates Petroleum Corporation

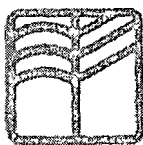
Address: 105 S. 4th Street
Artesia, NM 88210

Received: 10/24/2013

Project #: Juniper BIP Federal #9-H

1,2,4-Trimethylbenzene(8021)										
Client ID#	Lab ID#	Collected	Analyte	Result	Units	Matrix	Method	DF	LOQ	Run Analyst
c00.5	1317079-01	22-Oct-13	1,2,4-Trimethylbenzene	ND	mg/Kg	S	8021	1	0.005	24-Oct-13 MS
1,3,5-Trimethylbenzene(8021)										
Client ID#	Lab ID#	Collected	Analyte	Result	Units	Matrix	Method	DF	LOQ	Run Analyst
c00.5	1317079-01	22-Oct-13	1,3,5-Trimethylbenzene	ND	mg/Kg	S	8021	1	5	24-Oct-13 MS
BTX(OH)										
Client ID#	Lab ID#	Collected	Analyte	Result	Units	Matrix	Method	DF	LOQ	Run Analyst
c00.5	1317079-01	22-Oct-13	Benzene	ND	mg/Kg	S	8021	1	0.005	24-Oct-13 MS
c00.5	1317079-01	22-Oct-13	Toluene	ND	mg/Kg	S	8021	1	0.005	24-Oct-13 MS
c00.5	1317079-01	22-Oct-13	Ethylbenzene	ND	mg/Kg	S	8021	1	0.005	24-Oct-13 MS
c00.5	1317079-01	22-Oct-13	m-p Xylene	ND	mg/Kg	S	8021	1	0.005	24-Oct-13 MS
c00.5	1317079-01	22-Oct-13	o-Xylene	ND	mg/Kg	S	8021	1	0.005	24-Oct-13 MS
c00.5	1317079-01	22-Oct-13	% Surrogate Recovery	96.5	%	S	8021	1		24-Oct-13 MS
Client ID#	Lab ID#	Collected	Analyte	Result	Units	Matrix	Method	DF	LOQ	Run Analyst
c00.5	1317079-01	22-Oct-13	Chloride	ND	mg/Kg	S	9056/300	1	50	24-Oct-13 KRC
MTBE(OH)										
Client ID#	Lab ID#	Collected	Analyte	Result	Units	Matrix	Method	DF	LOQ	Run Analyst
c00.5	1317079-01	22-Oct-13	MTBE	ND	mg/Kg	S	8021	1	0.005	24-Oct-13 MS
Client ID#	Lab ID#	Collected	Analyte	Result	Units	Matrix	Method	DF	LOQ	Run Analyst
c00.5	1317079-01	22-Oct-13	TPH-DRO	ND	mg/kg	S	8015 B	1	50	24-Oct-13 JBN
Client ID#	Lab ID#	Collected	Analyte	Result	Units	Matrix	Method	DF	LOQ	Run Analyst
c00.5	1317079-01	22-Oct-13	TPH-GRO	ND	mg/kg	S	8015 B	1	10	24-Oct-13 MS
c00.5	1317079-01	22-Oct-13	% Surrogate Recovery	87.9		S	8015 B	1		24-Oct-13 MS
1,2,4-Trimethylbenzene(8021)										
Client ID#	Lab ID#	Collected	Analyte	Result	Units	Matrix	Method	DF	LOQ	Run Analyst
c01-0	1317079-02	22-Oct-13	1,2,4-Trimethylbenzene	ND	mg/Kg	S	8021	1	0.005	24-Oct-13 MS
1,3,5-Trimethylbenzene(8021)										
Client ID#	Lab ID#	Collected	Analyte	Result	Units	Matrix	Method	DF	LOQ	Run Analyst
c01-0	1317079-02	22-Oct-13	1,3,5-Trimethylbenzene	ND	mg/Kg	S	8021	1	5	24-Oct-13 MS

Page 4



SUMMIT

ENVIRONMENTAL TECHNOLOGIES, INC.
Analytical Laboratories

October 25, 2013

Client: Yates Petroleum Corporation
Address: 105 S. 4th Street
Artesia, NM 88210

Received: 10/24/2013

Project #: Juniper BIP Federal #9-H

BTEX(OH)

Client ID#	Lab ID#	Collected	Analyte	Result	Units	Matrix	Method	DF	LOQ	Run	Analyst
c01-0	1317079-02	22-Oct-13	Benzene	ND	mg/Kg	S	8021	1	0.005	24-Oct-13	MS
c01-0	1317079-02	22-Oct-13	Toluene	ND	mg/Kg	S	8021	1	0.005	24-Oct-13	MS
c01-0	1317079-02	22-Oct-13	Ethylbenzene	ND	mg/Kg	S	8021	1	0.005	24-Oct-13	MS
c01-0	1317079-02	22-Oct-13	m-p Xylene	ND	mg/Kg	S	8021	1	0.005	24-Oct-13	MS
c01-0	1317079-02	22-Oct-13	o-Xylene	ND	mg/Kg	S	8021	1	0.005	24-Oct-13	MS
c01-0	1317079-02	22-Oct-13	% Surrogate Recovery	99.8	%	S	8021	1		24-Oct-13	MS

Client ID#	Lab ID#	Collected	Analyte	Result	Units	Matrix	Method	DF	LOQ	Run	Analyst
c01-0	1317079-02	22-Oct-13	Chloride	ND	mg/Kg	S	9056/300	1	50	24-Oct-13	KRC

MTBE(OH)

Client ID#	Lab ID#	Collected	Analyte	Result	Units	Matrix	Method	DF	LOQ	Run	Analyst
c01-0	1317079-02	22-Oct-13	MTBE	ND	mg/Kg	S	8021	1	0.005	24-Oct-13	MS

Client ID#	Lab ID#	Collected	Analyte	Result	Units	Matrix	Method	DF	LOQ	Run	Analyst
c01-0	1317079-02	22-Oct-13	TPH-DRO	ND	mg/kg	S	8015 B	1	50	24-Oct-13	JBN

Client ID#	Lab ID#	Collected	Analyte	Result	Units	Matrix	Method	DF	LOQ	Run	Analyst
c01-0	1317079-02	22-Oct-13	TPH-GRO	ND	mg/kg	S	8015 B	1	10	24-Oct-13	MS
c01-0	1317079-02	22-Oct-13	% Surrogate Recovery	91.1		S	8015 B	1		24-Oct-13	MS

1,2,4-Trimethylbenzene(8021)

Client ID#	Lab ID#	Collected	Analyte	Result	Units	Matrix	Method	DF	LOQ	Run	Analyst
c01.5	1317079-03	22-Oct-13	1,2,4-Trimethylbenzene	ND	mg/Kg	S	8021	1	0.005	25-Oct-13	MS

1,3,5-Trimethylbenzene(8021)

Client ID#	Lab ID#	Collected	Analyte	Result	Units	Matrix	Method	DF	LOQ	Run	Analyst
c01.5	1317079-03	22-Oct-13	1,3,5-Trimethylbenzene	ND	mg/Kg	S	8021	1	5	25-Oct-13	MS

BTEX(OH)

Client ID#	Lab ID#	Collected	Analyte	Result	Units	Matrix	Method	DF	LOQ	Run	Analyst
c01.5	1317079-03	22-Oct-13	Benzene	ND	mg/Kg	S	8021	1	0.005	25-Oct-13	MS
c01.5	1317079-03	22-Oct-13	Toluene	ND	mg/Kg	S	8021	1	0.005	25-Oct-13	MS
c01.5	1317079-03	22-Oct-13	Ethylbenzene	ND	mg/Kg	S	8021	1	0.005	25-Oct-13	MS
c01.5	1317079-03	22-Oct-13	m-p Xylene	ND	mg/Kg	S	8021	1	0.005	25-Oct-13	MS
c01.5	1317079-03	22-Oct-13	o-Xylene	ND	mg/Kg	S	8021	1	0.005	25-Oct-13	MS
c01.5	1317079-03	22-Oct-13	% Surrogate Recovery	107.9	%	S	8021	1		25-Oct-13	MS



Project #: Juniper BIP Federal #9-H

MTBE(OH)



Rev. 12
Date: 07/27/13

Order ID: 1317079 COOLER

Summit Environmental Technologies, Inc.
Cooler Receipt Form

Client: Yates Initials of person inspecting cooler and samples: [Signature]
Date Received: 10-24-13 Time Received: 1020 Order Number: _____
Date cooler(s) opened and samples inspected: 10-24-13

Number of Coolers/Boxes: 1 N/A
Shipper: FED EX UPS DHL Airborne US Postal Walk-in Pickup Other: _____

Packaging: Bubble Wrap Peanut Paper Foam None Other: _____

Tape on cooler/box: [Signature] N N/A

Custody Seals Intact [Signature] N N/A

C-O-C in plastic 0 N N/A

Ice Blue ice present / absent / melted N/A

Sample Temperature IR Gun #16020459 CF 00 °C 4.3 °C N/A

Radiological Testing Instrument serial #35127 Y N N/A
(see page 2 for scan results)

**Use 1 sheet per sample for Radiological Testing. If sample is HOT, the Radiological Safety Officer must be notified immediately.

C-O-C filled out properly [Signature] N N/A

Samples in separate bags [Signature] N N/A

Sample containers intact* Y N N/A

*If no, list broken sample(s): C01.0 & C01.5 were rec'd broken.
Sample was contained in jars & transferred to new ones

Sample label(s) complete (ID, date, etc.) [Signature] N N/A

Label(s) agree with C-O-C [Signature] N N/A

Correct containers used [Signature] N N/A

Sufficient sample received [Signature] N N/A

Bubbles absent from 40 mL vials** Y N N/A

** Samples with bubbles <6mm are acceptable. Indicate bubble size if >6mm. _____

Was client contacted about samples Y N

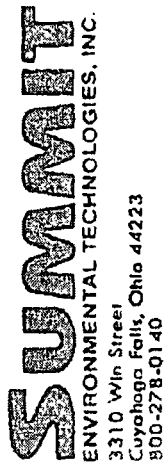
Will client send new samples Y N

Client contact: _____

Date/Time: _____

Logged in by: _____

Comments: _____



Analysis Reques

For Summit Environn



Cuyahoga Falls, Ohio 44223
800-278-Q140

Order ID: 1317079

COG

Client Name		Project Identification		Project Address		Report To		Quote Number		Contact Person		Sample Identification		Date Collected		Time Collected		Grab		Composite		Matrix:		Preservative		Number of Containers		BTEX + MTBE + TMB's (8021)		TPH Method 8015B (Gas/Diesel)		Anions (Cl)		Analytical Parameters and Methods	
Yates Petroleum Corporation		Juniper BIP Federal #9-H		Project Address		30-015-37407		103632		Robert Asher		Same		10/22/13		11:05A		X		X		S		Ice		1		X		X		X			
575-748-4217		575-748-4217		boba@yatespetroleum.com		boba@yatespetroleum.com		103632		Robert Asher		Same		10/22/13		11:21A		X		X		S		Ice		1		X		X		X			
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