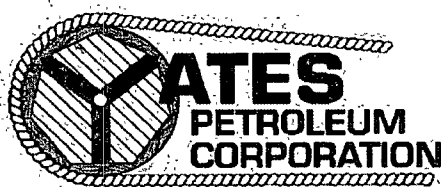


Analytical Report- 1206016	Sample Area	Sample Date	Sample Type	Depth	BTEX	GRO	DRO	TOTAL	Chlorides
Comp-00.5	Release Area	5/31/2012	Comp/Auger	6"	ND	ND	300	300	800

Site Ranking is Zero (0). Depth to Ground Water >100' (approx. 268', NMOSE & approx. 225', per Trend Map).

All results are ppm. Chlorides for documentation.

Released: 1 B/O & 70 B/PW; Recovered: 1 B/O & 65 B/PW. Release Date: 4/1/2012



Donahue Federal SWD #1

30-015-00087

Section 10, T20S-R24E

Eddy County, NM

ENVIRONMENTAL SAMPLE DIAGRAM

(Not to Scale)

June 12, 2012

**Prepared by
YPC Environmental Division**



*Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com*

June 07, 2012

Robert Asher

Yates Petroleum

105 South 4th

Artesia, NM 88210

TEL: (575) 748-4217

FAX

RE: Donahue Federal SWD #1

OrderNo.: 1206016

Dear Robert Asher:

Hall Environmental Analysis Laboratory received 1 sample(s) on 6/1/2012 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. All samples are reported as received unless otherwise indicated.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

A handwritten signature in black ink, appearing to read "Andy Freeman".

Andy Freeman

Laboratory Manager

4901 Hawkins NE

Albuquerque, NM 87109

Analytical ReportLab Order **1206016**

Date Reported: 6/7/2012

Hall Environmental Analysis Laboratory, Inc.**CLIENT:** Yates Petroleum**Client Sample ID:** Comp-00.5**Project:** Donahue Federal SWD #1**Collection Date:** 5/31/2012 9:35:00 AM**Lab ID:** 1206016-001**Matrix:** SOIL**Received Date:** 6/1/2012 9:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: BRM
Chloride	800	30		mg/Kg	20	6/4/2012 10:11.15 PM

Qualifiers: */X Value exceeds Maximum Contaminant Level.
 E Value above quantitation range
 J Analyte detected below quantitation limits
 R RPD outside accepted recovery limits
 S Spike Recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
RL Reporting Detection Limit



Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87105
TEL: 505-345-3975 FAX: 505-345-4101
Website: www.hallenvironmental.com

Sample Log-In Check List

Client Name: Yates Petroleum Corporation Work Order Number: 1206016
Received by/date: MS 06/01/12
Logged By: Lindsay Mangin 6/1/2012 9:00:00 AM *[Signature]*
Completed By: Lindsay Mangin 6/1/2012 9:52:22 AM *[Signature]*
Reviewed By: 06/01/12 AT

Chain of Custody

1. Were seals intact? Yes ☐ No ☐ Not Present ☒
2. Is Chain of Custody complete? Yes ☒ No ☐ Not Present ☐
3. How was the sample delivered? UPS

Log In

4. Coolers are present? (see 19. for cooler specific information) Yes ☒ No ☐ NA ☐
5. Was an attempt made to cool the samples? Yes ☒ No ☐ NA ☐
6. Were all samples received at a temperature of $>0^{\circ}\text{C}$ to 6.0°C ? Yes ☒ No ☐ NA ☐
7. Sample(s) in proper container(s)? Yes ☒ No ☐
8. Sufficient sample volume for indicated test(s)? Yes ☒ No ☐
9. Are samples (except VOA and ONG) properly preserved? Yes ☒ No ☐
10. Was preservative added to bottles? Yes ☐ No ☒ NA ☐
11. VOA vials have zero headspace? Yes ☐ No ☐ No VOA Vials ☒
12. Were any sample containers received broken? Yes ☐ No ☒
13. Does paperwork match bottle labels?
(Note discrepancies on chain of custody) Yes ☒ No ☐
14. Are matrices correctly identified on Chain of Custody? Yes ☒ No ☐
15. Is it clear what analyses were requested? Yes ☒ No ☐
16. Were all holding times able to be met?
(If no, notify customer for authorization.) Yes ☒ No ☐

of preserved
bottles checked
for pH: _____
(<2 or >12 unless noted)
Adjusted? _____
Checked by: _____

Special Handling (if applicable)

17. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☒

Person Notified: _____ Date: _____
By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person
Regarding: _____
Client Instructions: _____

18. Additional remarks:

19. Cooler Information

Cooler No	Temp $^{\circ}\text{C}$	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	5.7	Good	Yes			

Client: Yates Petroleum Corporation

Mailing Address: 105 S. Fourth Street
Artesia, NM 88210

Phone #: 575-748-4217

email or Fax#: boba@yatespetroleum.com

QA/QC Package:

☒ Standard ☐ Level 4 (Full Validation)

Accreditation:

☐ NELAP ☐ Other

☐ EDD (Type)

Project Name:

Donahue Federal SWD #1

Project #:

30-015-00087

Project Manager:

Robert Asher.

Sampler: Same

On Ice: ☒ Yes ☐ No

Sample Temperature





www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

[illegible]

Date:	Time:	Relinquished by:	Received by:	Date	Time
5/31/2012	1:31 PM			06/01/12	0900
Date:	Time:	Relinquished by:	Received by:	Date	Time

Remarks: Please put Chlorides on separate report. Please show ALL results as mg/kg. Thank you.



*Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL 505-345-3975 FAX 505-345-4107
Website. www.hallenvironmental.com*

June 07, 2012

Robert Asher
Yates Petroleum
105 South 4th
Artesia, NM 88210
TEL: (575) 748-4217
FAX

RE: Donahue Federal SWD #1

OrderNo.: 1206016

Dear Robert Asher:

Hall Environmental Analysis Laboratory received 1 sample(s) on 6/1/2012 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. All samples are reported as received unless otherwise indicated.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1206016

Date Reported: 6/7/2012

CLIENT: Yates Petroleum

Client Sample ID: Comp-00.5

Project: Donahue Federal SWD #1

Collection Date: 5/31/2012 9:35:00 AM

Lab ID: 1206016-001

Matrix: SOIL

Received Date: 6/1/2012 9:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: JMP
Diesel Range Organics (DRO)	300	9.9		mg/Kg	1	6/6/2012 7:25:51 AM
Surr: DNOP	124	82.1-121	S	%REC	1	6/6/2012 7:25:51 AM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/4/2012 11:49:27 AM
Surr: BFB	91.4	69.7-121		%REC	1	6/4/2012 11:49:27 AM
EPA METHOD 8021B: VOLATILES						Analyst: NSB
Benzene	ND	0.048		mg/Kg	1	6/4/2012 11:49:27 AM
Toluene	ND	0.048		mg/Kg	1	6/4/2012 11:49:27 AM
Ethylbenzene	ND	0.048		mg/Kg	1	6/4/2012 11:49:27 AM
Xylenes, Total	ND	0.096		mg/Kg	1	6/4/2012 11:49:27 AM
Surr: 4-Bromofluorobenzene	96.7	80-120		%REC	1	6/4/2012 11:49:27 AM

Qualifiers: */X Value exceeds Maximum Contaminant Level.
 E Value above quantitation range
 J Analyte detected below quantitation limits
 R RPD outside accepted recovery limits
 S Spike Recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
RL Reporting Detection Limit



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Albuquerque, NM 87105
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Website: www.hallenvironmental.com

Sample Log-In Check List

Client Name:	Yates Petroleum Corporation	Work Order Number:	1206016
Received by/date:	MG 06/01/12		
Logged By:	Lindsay Mangin	6/1/2012 9:00:00 AM	
Completed By:	Lindsay Mangin	6/1/2012 9:52:22 AM	
Reviewed By:	06/01/12 AT		

Chain of Custody

1. Were seals intact? Yes ☐ No ☐ Not Present ☒
2. Is Chain of Custody complete? Yes ☒ No ☐ Not Present ☐
3. How was the sample delivered? UPS

Log In

4. Coolers are present? (see 19. for cooler specific information) Yes ☒ No ☐ NA ☐
5. Was an attempt made to cool the samples? Yes ☒ No ☐ NA ☐
6. Were all samples received at a temperature of $>0^{\circ}\text{C}$ to 6.0°C ? Yes ☒ No ☐ NA ☐
7. Sample(s) in proper container(s)? Yes ☒ No ☐
8. Sufficient sample volume for indicated test(s)? Yes ☒ No ☐
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(Note discrepancies on chain of custody) Yes ☒ No ☐
14. Are matrices correctly identified on Chain of Custody? Yes ☒ No ☐
15. Is it clear what analyses were requested? Yes ☒ No ☐
16. Were all holding times able to be met?
(If no, notify customer for authorization.) Yes ☒ No ☐

# of preserved bottles checked for pH:	
(<2 or >12 unless noted)	
Adjusted?	
Checked by:	

Special Handling (if applicable)

17. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☒

Person Notified:		Date:	
By Whom:		Via:	<input type="checkbox"/> eMail <input type="checkbox"/> Phone <input type="checkbox"/> Fax <input type="checkbox"/> In Person
Regarding:			
Client Instructions:			

18. Additional remarks:

19. Cooler Information

Cooler No	Temp $^{\circ}\text{C}$	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	5.7	Good	Yes			

Chain-of-Custody Record		Main Account Times	
Client: Yates Petroleum Corporation		<input checked="" type="checkbox"/> Standard	<input type="checkbox"/> Rush
Mailing Address: 105 S. Fourth Street		Project Name: Donahue Federal SWD #1	
Artesia, NM 88210		Project #: 30-015-00087	
Phone #: 575-748-4217		Project Manager: Robert Asher	
email or Fax#: boba@yatespetroleum.com		Sampler: Same	
QA/QC Package:		On Ice: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
<input checked="" type="checkbox"/> Standard	<input type="checkbox"/> Level 4 (Full Validation)	Sample Temperature: 57	
Accreditation:			
<input type="checkbox"/> NELAP	<input type="checkbox"/> Other		
<input type="checkbox"/> EDD (Type)			





www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

[illegible]

Date: 5/31/2012	Time: 1:31 PM	Relinquished by: 	Received by: 	Date 5/31/12	Time 0900
Date:	Time:	Relinquished by:	Received by:	Date	Time

Remarks: Please put Chlorides on separate report. Please show ALL results as mg/kg. Thank you.