Bratcher, Mike, EMNRD

From:

Lupe Carrasco < LCarrasco@yatespetroleum.com>

Sent:

Tuesday, October 23, 2012 12:01 PM

To:

Bratcher, Mike, EMNRD

Cc:

jamos@blm.gov

Subject:

Creek AL Federal #12

Mike,

As per our conversation on October 23, 2012, Yates Petroleum Corporation has verbal approval to perform the following in regards to the Creek AL Federal #12:

- Excavate down to 28' and haul impacted soil for disposal.
- Back fill using the remediated soil (stock pile) on location.
- Submit a C-141 Final for closure of the initial C-141 submitted on August 20, 2012.

Thanks!

Lupe Carrasco
Environmental Regulatory Agent
Yates Petroleum Corporation
Office: (575) 748-4350

Fax: (575) 748-4131 Cell: (575) 513-9074

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Yates Petroleum Corporation
Creek AL Federal #12
Section 25, T18S-R30E
Eddy County, New Mexico
October 23, 2012

PERC to 28'

V. Scope of Work (Previously approved August 31, 2012)

Upon approval of this work plan and based on the enclosed analytical results, Yates Petroleum Corporation will have a contractor excavate 2' of the remaining impacted soil (total excavation will be 20' X 60' X 12' deep). Impacted soils excavated will be stock piled on plastic and remediated on site until sample analysis indicate that levels are below RRAL's. Remediation will consist of working the material bi-monthly and adding water and fertilizer as needed. Once samples indicate levels below RRAL's, Yates Petroleum Corporation will submit a C-141 for closure. Based on approval, the remediated soil will be returned to the excavation area and soil will be brought in from a neighboring pit to backfill the excavated area and returned the area to its natural state.

Addendum to Scope of Work

This addendum is submitted due to the misfortune of a second spill occurring over the initial spill dated August 15, 2012. Yates Petroleum Corporation has sampled for delineation to a depth of 30'. Excavation of all impacted soil to a depth of approximately 25' has been removed and hauled for disposal. At a depth of 24', a red clay layer was reached causing the accumulation of chlorides. At a depth of approximately 26' to 28', a caliche layer was reached in the process. Based on analytical results submitted for the impacted area and the soil properties involved, Yates Petroleum Corp. would like to begin backfill of the excavation. Upon approval, a C-141 Final will be submitted for closure of the Initial C-141 dated August 17, 2012.

Creek AL Federal #12

Analytical Report- H202526	Sample Date	Depth	BTEX	GRO	DRO	TOTAL	Chlorides
45-16	10/16/2012	16'	585	11200	24000	35200	2240
P-18	10/16/2012	18'	821	14400	19600	34000	2960
'P-20'	10/16/2012	20'	237	3470	5020	8490	2240
"P-222"	10/16/2012	22'	0.5	ND	ND	ND	4560
'P-24'	10/16/2012	24'	.7	ND	24.9	24.9	7600

-Analytical Report- H202547	Sample Date	Depth	BTEX	GRO	DRO	TOTAL	Chlorides
P-26'	10/18/2012	26'					5360
P-28'	10/18/2012	28'					5500
P-30'	10/18/2012	30'					1960

Site Ranking is Zero (0). Depth to Ground Water >100' (approx. 184', per trend map).

All results are ppm.Chlorides for documentation.

Release Date: 10/10/2012

^{*} Cells in red have been excavated and hauled for disposal. Excavated down to ~25'.



October 22, 2012

LUPE CARRASCO

Yates Energy Petroleum Corp

105 S 4th Street

Artesia, NM 88210

RE: CREEK AL FEDERAL #12

Enclosed are the results of analyses for samples received by the laboratory on 10/18/12 14:10.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab accredited certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2

Haloacetic Acids (HAA-5)

Method EPA 524.2

Total Trihalomethanes (TTHM)

Method EPA 524.4

Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Celing & Keine

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

Yates Energy Petroleum Corp LUPE CARRASCO 105 S 4th Street Artesia NM, 88210

Fax To:

(505) 748-4635

Received:

10/18/2012

Sampling Date:

10/18/2012

Reported:

10/22/2012

Sampling Type:

Soil

Project Name:

CREEK AL FEDERAL #12

Sampling Condition:

** (See Notes)

Project Number:

NONE GIVEN

Sample Received By:

Celey D. Keene

Project Location:

EDDY

Result

Sample ID: P-26' (H202547-01)

Chloride, SM4500Cl-B

mg/kg

Analyzed By: HM

% Recovery

True Value QC

Qua

Chloride

5360

Reporting Limit 16.0

Reporting Limit

10/19/2012

Analyzed

Analyzed

Method Blank
ND

416

BS

104 400

RPD 0.00 Qualifier

Sample ID: P-28' (H202547-02)

Analyte

Chloride, SM4500CI-B

mg/kg

Analyzed By: HM

ву: нм

% Recovery

RPD

0.00

Chloride

5500

Result

16.0 10/19/2012

Method Blank

BS 416

104

True Value QC 400 Qualifier

Analyte

Sample ID: P-30' (H202547-03) Chloride, SM4500Cl-B

mg/kg

Analyzed By: HM

Analyte Result Reporting Limit

Chloride 1960 16.0

Analyzed 10/19/2012 Method Blank

ND

BS 416 % Recovery 104 True Value QC

RPD

0.00

Qualifier

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE Liability and Damages. Cardnais's liability and clent's exclusive remedy for any claim ansing, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed warved unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiances, affiliates or successions among out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claims is based upon any of the above stated reasons or otherwise. Results related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories

Celey D. Keene, Lab Director/Quality Manager

Page 2 of 4



Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

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Celeg & Kune

Celey D. Keene, Lab Director/Quality Manager



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CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST



October 22, 2012

LUPE CARRASCO

Yates Energy Petroleum Corp

105 S 4th Street

Artesia, NM 88210

RE: CREEK AL FEDERAL #12

Enclosed are the results of analyses for samples received by the laboratory on 10/18/12 14:10.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab accredited certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2

Haloacetic Acids (HAA-5)

Method EPA 524.2

Total Trihalomethanes (TTHM)

Method EPA 524.4

Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Celey & Keens

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

Yates Energy Petroleum Corp LUPE CARRASCO 105 S 4th Street Artesia NM, 88210

Fax To:

(505) 748-4635

Received:

10/18/2012

Sampling Date:

10/18/2012

Reported:

10/22/2012

Sampling Type:

Soil

Project Name:

CREEK AL FEDERAL #12

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Celey D. Keene

Project Location:

EDDY

BTEX 8021B	mg,	/kg	Analyze	d By: ms				-	S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/20/2012	ND	2.50	125	2.00	5.02	
Toluene*	<0.050	0.050	10/20/2012	ND	2.54	127	2.00	4.23	
Ethylbenzene*	0.132	0.050	10/20/2012	ND	2.57	129	2.00	5.55	
Total Xylenes*	0.283	0.150	10/20/2012	ND	7.74	129	6.00	5.13	
Surrogate. 4-Bromofluorobenzene (PIL	179	% 89.4-12	б	-					
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<50.0	50.0	10/20/2012	ND	166	83.2	200	5.81	
DRO >C10-C28	1470	50.0	10/20/2012	ND	159	79.4	200	9.04	
Surrogate. 1-Chlorooctane	80 9	% 65 2-14	0						
Surrogate 1-Chlorooctadecane	106	% 63.6-15	4						

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*=Accredited Analyte

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Celey D. Keine



Notes and Definitions

S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories *=Accredited Analyte

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Celeg & Keene



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