

HOBBS OCD

JUN 20 2012

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Form C-141
Revised August 8, 2011

RECEIVED Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit a copy to appropriate District Office in accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

OPERATOR

Initial Report Final Report

Name of Company GeoSurveys, Inc.	Contact Calvin Donaghey
Address 218 South Leggett, Abilene TX 79605	Telephone No. 325-676-8063
Facility Name Mesa 26 State #1	Facility Type Well location

Surface Owner State	Mineral Owner State	APINo. 30-041-20924
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LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
L	26	2N	29E	1400	South	1100	West	Roosevelt

Latitude 34° 21.948' N Longitude 103° 52.508' W

NATURE OF RELEASE

Type of Release Drilling Fluid	Volume of Release 2Bbl est	Volume Recovered -
Source of Release Pit	Date and Hour of Occurrence ?	Date and Hour of Discovery 6-12-12 12:50pm
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Mr. Leking	
By Whom? Steve Castille	Date and Hour 6-12-12 1:00pm	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

GW@90'

Describe Cause of Problem and Remedial Action Taken.*
Pit liner leaked. Dug down 5' and 7' as directed, found clean dirt.
Delivered samples to Cardinal Labs. Samples passed, delivered same to OCD.

Describe Area Affected and Cleanup Action Taken.*
Area under pit liner. Preparing to set in 40 mil liner as directed to begin filling in.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature: <i>Calvin Donaghey</i>	OIL CONSERVATION DIVISION	
Printed Name: Calvin Donaghey	Approved by Environmental Specialist: <i>Staff Leking</i>	
Title: President	Approval Date: 6/20/12	Expiration Date: 8/20/12
E-mail Address: gsurveys@bitstreet.com	Conditions of Approval: SUBMIT FINAL C-141 UPON COMPLETION OF CLOSURE	Attached <input type="checkbox"/> IRP-6-12-2826
Date: 6-20-2012 Phone: 325-669-2793		

* Attach Additional Sheets If Necessary

ALTWITHS.



June 20, 2012

HOBBS OCD

HOBBS OCD

HOBBS OCD

STEVE CASTILLE

JUN 21 2012

JUN 21 2012

JUN 21 2012

GEO SURVEYS, INC.

RECEIVED

RECEIVED

RECEIVED

218 SOUTH LEGGETT

ABILENE, TX 79605

RE: MESA 26 STATE #1 PIT CLOSURE

Enclosed are the results of analyses for samples received by the laboratory on 06/19/12 14:55.

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_accred_certif.html.

Cardinal Laboratories is accredited 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.

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:

 GEO SURVEYS, INC.
 STEVE CASTILLE
 218 SOUTH LEGGETT
 ABILENE TX, 79605
 Fax To: (325) 676-9426

 Received: 06/19/2012
 Reported: 06/20/2012
 Project Name: MESA 26 STATE #1 PIT CLOSURE
 Project Number: NONE GIVEN
 Project Location: MESA 26 STATE #1

 Sampling Date: 06/19/2012
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: E-1 (H201393-01)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	06/20/2012	ND	368	92.0	400	4.26		
TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	06/19/2012	ND	180	90.1	200	2.33		
DRO >C10-C28	<10.0	10.0	06/19/2012	ND	185	92.7	200	2.72		
<i>Surrogate: 1-Chlorooctane</i>	<i>81.0 %</i>	<i>65.2-140</i>								
<i>Surrogate: 1-Chlorooctadecane</i>	<i>93.4 %</i>	<i>63.6-154</i>								

Sample ID: W-1 (H201393-02)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	06/20/2012	ND	368	92.0	400	4.26		
TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	06/19/2012	ND	180	90.1	200	2.33		
DRO >C10-C28	<10.0	10.0	06/19/2012	ND	185	92.7	200	2.72		
<i>Surrogate: 1-Chlorooctane</i>	<i>96.5 %</i>	<i>65.2-140</i>								
<i>Surrogate: 1-Chlorooctadecane</i>	<i>113 %</i>	<i>63.6-154</i>								

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, 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 waived 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 subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate 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

Analytical Results For:

 GEO SURVEYS, INC.
 STEVE CASTILLE
 218 SOUTH LEGGETT
 ABILENE TX, 79605
 Fax To: (325) 676-9426

Received:	06/19/2012	Sampling Date:	06/19/2012
Reported:	06/20/2012	Sampling Type:	Soil
Project Name:	MESA 26 STATE #1 PIT CLOSURE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MESA 26 STATE #1		

Sample ID: C-1 (H201393-03)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	06/20/2012	ND	368	92.0	400	4.26		
TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	06/19/2012	ND	180	90.1	200	2.33		
DRO >C10-C28	<10.0	10.0	06/19/2012	ND	185	92.7	200	2.72		
<i>Surrogate: 1-Chlorooctane</i>		94.0 %	65.2-140							
<i>Surrogate: 1-Chlorooctadecane</i>		109 %	63.6-154							

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, 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 waived 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 subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate 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

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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Celey D. Keene, Lab Director/Quality Manager

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

Company Name: GEO SURVEYS			BILL TO			ANALYSIS REQUEST											
Project Manager: STEVE CASTILLE			P.O. #:														
Address: 218 SOUTH LEGGETT			Company: GEO SURVEYS														
City: ABILENE State: TX Zip: 79605			Attn:														
Phone #: 325-676-8063 Fax #: 325-676-8426			Address: 218 STA LEGGETT														
Project #: _____ Project Owner: _____			City: ABILENE														
Project Name: MESA 26 STATE #1 PIT CLOSURE			State: TX Zip: 79605														
Project Location: _____			Phone #: 325-676-8063														
Sampler Name: STEVE CASTILLE			Fax #: _____														
FOR LAB USE ONLY																	
Lab I.D.	Sample I.D.		(G)IRAB OR (C)OMP	# CONTAINERS	MATRIX				PRESERV.		SAMPLING						
					GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE	ICE / COOL	OTHER	DATE	TIME	TPH	CL
H201393																	
	1 E-1		G											6/19/11	11:00	✓	✓
	2 W-1		G												11:15	✓	✓
	3 C-1		G												11:40	✓	✓

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 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 subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: <i>Steve Castille</i>	Date: 6-19-12	Received By: <i>Jodi Benson</i>	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
	Time: 2:55		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Relinquished By:	Date:	Received By:	REMARKS: RUSH!! + email	
	Time:			
Delivered By: (Circle One)	Sample Condition	CHECKED BY: (Initials)		
Sampler - UPS - Bus - Other:	Cool <input type="checkbox"/> Intact <input checked="" type="checkbox"/>	<i>JH</i>		
	Yes <input type="checkbox"/> No <input type="checkbox"/>		325-668-2638 verbals	

† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326

#26

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

HOBBS OCD

AUG 10 2012

RECEIVED

Form C-141
Revised August 8, 2011

Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

OPERATOR Initial Report Final Report

Name of Company	GeoSurveys, Inc.	Contact	Calvin Donaghey
Address	218 South Leggett, Abilene, TX 79605	Telephone No.	325-676-8063
Facility Name	Mesa 26 State #1	Facility Type	Well Location
Surface Owner	State	Mineral Owner	State
		API No.	30-041-20924

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
L	26	2N	29E	1400	South	1100	West	Roosevelt

Latitude 34° 21.948' N Longitude 103° 52.508' W

NATURE OF RELEASE

Type of Release	Drilling Fluid	Volume of Release	2 Bbls est	Volume Recovered	-
Source of Release	Pit	Date and Hour of Occurrence ?		Date and Hour of Discovery	6-12-12
Was Immediate Notice Given?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?	12:50pm		
By Whom?	Steve Castille	Date and Hour	1:00pm 6-12-12		
Was a Watercourse Reached?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.			

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*

Pit Liner leaked - See attached sheet.

Describe Area Affected and Cleanup Action Taken.*

Area under liner - see attached sheet.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

OIL CONSERVATION DIVISION

Signature:	<i>Calvin Donaghey</i>	Approved by Environmental Specialist:	
Printed Name:	Calvin Donaghey	Approval Date:	Expiration Date:
Title:	President	Conditions of Approval:	
E-mail Address:	gsurveys@bitstreet.com	Attached <input type="checkbox"/>	
Date:	8-6-2012	Phone:	325-676-8063

* Attach Additional Sheets If Necessary

FORM C-141

Cause of Problem and Remedial Action Taken:

Pit Liner leaked. Dug down 5' and 7' as directed by Mr. Leking and found clean soil at 7' level. Samples passed at Cardinal Labs.

Area Affected and Cleanup Action Taken:

Area under liner was affected.

Set in 2' of sand across bottom of pit. Laid in 40 mil liner across pit and up onto sides as directed. Covered liner with 2' of sand across entire liner. Cleaned location of caliche and place into pit up to a level 2.5' below grade. Place 3' of topsoil above caliche to .5' above grade. Spread remaining topsoil across location as directed.

7-24-2012 Parkhill Construction seeded location with 74.67 lbs of seed mix recommended by Eric Nelson of Clovis. A standard tiller was used to seed the area, which covered slightly less than 3 acres.



HOBBS OCD

AUG 10 2012

PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

RECEIVED

June 15, 2012

STEVE CASTILLE
GEO SURVEYS, INC.
218 SOUTH LEGGETT
ABILENE, TX 79605

RE: MESA 26 STATE #1 PIT CLOSURE

Enclosed are the results of analyses for samples received by the laboratory on 06/13/12 17:20.

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_accred_certif.html.

Cardinal Laboratories is accredited 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.

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,

A handwritten signature in cursive script that reads "Celey D. Keene".

Celey D. Keene
Lab Director/Quality Manager

Analytical Results For:

 GEO SURVEYS, INC.
 STEVE CASTILLE
 218 SOUTH LEGGETT
 ABILENE TX, 79605
 Fax To: (325) 676-9426

 Received: 06/13/2012
 Reported: 06/15/2012
 Project Name: MESA 26 STATE #1 PIT CLOSURE
 Project Number: NONE GIVEN
 Project Location: MESA 26 STATE #1

 Sampling Date: 06/13/2012
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: BACKGROUND 1 (H201337-01)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	06/14/2012	ND	416	104	400	3.77		

Sample ID: NE 2 (5') (H201337-03)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1840	16.0	06/14/2012	ND	416	104	400	3.77		

Sample ID: NE 2 (7') (H201337-04)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	06/15/2012	ND	416	104	400	3.77		

Sample ID: SW 5 (5') (H201337-05)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/14/2012	ND	416	104	400	3.77		

Cardinal Laboratories

* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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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Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
 (575) 393-2326 FAX (575) 393-2476

Company Name: <u>GEO SURVEYS INC.</u>		BILL TO				ANALYSIS REQUEST																				
Project Manager: <u>STEVE CASTILLE</u>		P.O. #:				<div style="writing-mode: vertical-rl; transform: rotate(180deg);"> TRPH HSB CL- </div>																				
Address: <u>218 SOUTH LOGGITT</u>		Company: <u>GEO SURVEYS INC.</u>																								
City: <u>ABILENE TX</u> State: <u>TX</u> Zip: <u>79605</u>		Attn: <u>CALVIN DOMAGARY</u>																								
Phone #: <u>325-676-8063</u> Fax #:		Address: <u>218 5TH LOGGITT</u>																								
Project #: Project Owner:		City: <u>ABILENE TX</u>																								
Project Name: <u>MESA 26 STATE 1 PIT CLOSURE</u>		State: <u>TX</u> Zip: <u>79605</u>																								
Project Location: <u>MESA 26 STATE 1 ROOSEVELT CTR N.M.</u>		Phone #: <u>325-676-8063</u>																								
Sampler Name: <u>STEVE CASTILLE</u>		Fax #: <u>325-676-8426</u>																								
FOR LAB USE ONLY																										
Lab I.D.		Sample I.D.		GRAB OR (C)OMP.	# CONTAINERS	MATRIX				PRESERV.		SAMPLING														
						GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME										
<u>H201337</u>		<u>-1 Background 1</u>		<u>6</u>	<u>1</u>									<u>6/13/12</u>	<u>11:45</u>	<u>✓</u>										
		<u>2 Background 2</u>		<u>1</u>	<u>1</u>										<u>11:50</u>	<u>✓</u>										
		<u>3 NE 2 (5')</u>		<u>1</u>	<u>1</u>										<u>11:20</u>	<u>✓</u>										
		<u>4 NE 2 (7')</u>		<u>1</u>	<u>1</u>										<u>11:50</u>	<u>✓</u>										
		<u>5 SW 5 (5')</u>		<u>1</u>	<u>1</u>										<u>11:55</u>	<u>✓</u>										
		<u>6 SW 5 (7')</u>		<u>1</u>	<u>1</u>										<u>11:57</u>	<u>✓</u>										

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 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 subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: <u>[Signature]</u>		Date: <u>6/13/12</u>		Received By: <u>Jodi Henson</u>		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #:	
Time: <u>3:20</u>		Date:		Received By:		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Fax #:	
Relinquished By:		Date:		Received By:		REMARKS: <u>325-668-2638</u> <u>medicinebow2@yahoo.com</u>			
Delivered By: (Circle One)		Sample Condition		CHECKED BY:		<u>PLSH!!</u>			
Sampler - UPS - Bus - Other: <u>5c</u>		Cool Intact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		(Initials) <u>[Signature]</u>					

† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326

June 12, 2012

STEVE CASTILLE
GEO SURVEYS, INC.
218 SOUTH LEGGETT
ABILENE, TX 79605

RE: MESA 26 STATE #1 PIT CLOSURE

Enclosed are the results of analyses for samples received by the laboratory on 06/07/12 15:00.

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/ga/lab_accred_certif.html.

Cardinal Laboratories is accredited 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.

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:

 GEO SURVEYS, INC.
 STEVE CASTILLE
 218 SOUTH LEGGETT
 ABILENE TX, 79605
 Fax To: (325) 676-9426

Received:	06/07/2012	Sampling Date:	06/07/2012
Reported:	06/12/2012	Sampling Type:	Soil
Project Name:	MESA 26 STATE #1 PIT CLOSURE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MESA 26 STATE #1		

Sample ID: SE 1 (H201288-01)

BTEX 8021B		mg/kg		Analyzed By: ZZZ						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/11/2012	ND	1.74	87.1	2.00	3.84		
Toluene*	<0.050	0.050	06/11/2012	ND	1.75	87.3	2.00	3.65		
Ethylbenzene*	<0.050	0.050	06/11/2012	ND	1.75	87.7	2.00	5.10		
Total Xylenes*	<0.150	0.150	06/11/2012	ND	5.29	88.2	6.00	4.57		

Surrogate: 4-Bromofluorobenzene (PID) 101 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2440	16.0	06/08/2012	ND	400	100	400	0.00		

TPH 418.1		mg/kg		Analyzed By: AM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
TPH 418.1	118	100	06/11/2012	ND	2620	105	2500	7.34		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	06/08/2012	ND	179	89.5	200	2.34		
DRO >C10-C28	<10.0	10.0	06/08/2012	ND	184	91.8	200	9.04		

Surrogate: 1-Chlorooctane 96.8 % 65.2-140

Surrogate: 1-Chlorooctadecane 111 % 63.6-154

Cardinal Laboratories

* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 GEO SURVEYS, INC.
 STEVE CASTILLE
 218 SOUTH LEGGETT
 ABILENE TX, 79605
 Fax To: (325) 676-9426

Received:	06/07/2012	Sampling Date:	06/07/2012
Reported:	06/12/2012	Sampling Type:	Soil
Project Name:	MESA 26 STATE #1 PIT CLOSURE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MESA 26 STATE #1		

Sample ID: NE 2 (H201288-02)

BTEX 8021B		mg/kg		Analyzed By: ZZZ						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/11/2012	ND	1.74	87.1	2.00	3.84		
Toluene*	<0.050	0.050	06/11/2012	ND	1.75	87.3	2.00	3.65		
Ethylbenzene*	<0.050	0.050	06/11/2012	ND	1.75	87.7	2.00	5.10		
Total Xylenes*	<0.150	0.150	06/11/2012	ND	5.29	88.2	6.00	4.57		

Surrogate: 4-Bromofluorobenzene (PII) 101 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	11600	16.0	06/08/2012	ND	400	100	400	0.00		

TPH 418.1		mg/kg		Analyzed By: AM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
TPH 418.1	115	100	06/11/2012	ND	2620	105	2500	7.34		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	06/08/2012	ND	179	89.5	200	2.34		
DRO >C10-C28	<10.0	10.0	06/08/2012	ND	184	91.8	200	9.04		

Surrogate: 1-Chlorooctane 93.9 % 65.2-140

Surrogate: 1-Chlorooctadecane 109 % 63.6-154

Cardinal Laboratories

* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 GEO SURVEYS, INC.
 STEVE CASTILLE
 218 SOUTH LEGGETT
 ABILENE TX, 79605
 Fax To: (325) 676-9426

 Received: 06/07/2012
 Reported: 06/12/2012
 Project Name: MESA 26 STATE #1 PIT CLOSURE
 Project Number: NONE GIVEN
 Project Location: MESA 26 STATE #1

 Sampling Date: 06/07/2012
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: C 3 (H201288-03)

BTEX 8021B		mg/kg		Analyzed By: ZZZ						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/11/2012	ND	1.74	87.1	2.00	3.84		
Toluene*	<0.050	0.050	06/11/2012	ND	1.75	87.3	2.00	3.65		
Ethylbenzene*	<0.050	0.050	06/11/2012	ND	1.75	87.7	2.00	5.10		
Total Xylenes*	<0.150	0.150	06/11/2012	ND	5.29	88.2	6.00	4.57		

Surrogate: 4-Bromofluorobenzene (PII) 100 % 89.4-126

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3000	16.0	06/08/2012	ND	400	100	400	0.00		

TPH 418.1		mg/kg		Analyzed By: AM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
TPH 418.1	102	100	06/11/2012	ND	2620	105	2500	7.34		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	06/08/2012	ND	179	89.5	200	2.34		
DRO >C10-C28	<10.0	10.0	06/08/2012	ND	184	91.8	200	9.04		

Surrogate: 1-Chlorooctane 98.4 % 65.2-140

Surrogate: 1-Chlorooctadecane 116 % 63.6-154

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 GEO SURVEYS, INC.
 STEVE CASTILLE
 218 SOUTH LEGGETT
 ABILENE TX, 79605
 Fax To: (325) 676-9426

Received:	06/07/2012	Sampling Date:	06/07/2012
Reported:	06/12/2012	Sampling Type:	Soil
Project Name:	MESA 26 STATE #1 PIT CLOSURE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MESA 26 STATE #1		

Sample ID: NW 4 (H201288-04)

BTEX 8021B		mg/kg		Analyzed By: ZZZ						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/11/2012	ND	1.74	87.1	2.00	3.84		
Toluene*	<0.050	0.050	06/11/2012	ND	1.75	87.3	2.00	3.65		
Ethylbenzene*	<0.050	0.050	06/11/2012	ND	1.75	87.7	2.00	5.10		
Total Xylenes*	<0.150	0.150	06/11/2012	ND	5.29	88.2	6.00	4.57		

Surrogate: 4-Bromofluorobenzene (PIL) 100 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3840	16.0	06/08/2012	ND	400	100	400	0.00		

TPH 418.1		mg/kg		Analyzed By: AM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
TPH 418.1	167	100	06/11/2012	ND	2620	105	2500	7.34		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	06/08/2012	ND	179	89.5	200	2.34		
DRO >C10-C28	<10.0	10.0	06/08/2012	ND	184	91.8	200	9.04		

Surrogate: 1-Chlorooctane 89.6 % 65.2-140

Surrogate: 1-Chlorooctadecane 105 % 63.6-154

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 GEO SURVEYS, INC.
 STEVE CASTILLE
 218 SOUTH LEGGETT
 ABILENE TX, 79605
 Fax To: (325) 676-9426

Received:	06/07/2012	Sampling Date:	06/07/2012
Reported:	06/12/2012	Sampling Type:	Soil
Project Name:	MESA 26 STATE #1 PIT CLOSURE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MESA 26 STATE #1		

Sample ID: SW 5 (H201288-05)

BTEX 8021B		mg/kg		Analyzed By: ZZZ						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/11/2012	ND	1.74	87.1	2.00	3.84		
Toluene*	<0.050	0.050	06/11/2012	ND	1.75	87.3	2.00	3.65		
Ethylbenzene*	<0.050	0.050	06/11/2012	ND	1.75	87.7	2.00	5.10		
Total Xylenes*	<0.150	0.150	06/11/2012	ND	5.29	88.2	6.00	4.57		

Surrogate: 4-Bromofluorobenzene (PII) 99.0 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	13800	16.0	06/08/2012	ND	400	100	400	0.00		

TPH 418.1		mg/kg		Analyzed By: AM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
TPH 418.1	194	100	06/11/2012	ND	2620	105	2500	7.34		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	06/08/2012	ND	179	89.5	200	2.34		
DRO >C10-C28	<10.0	10.0	06/08/2012	ND	184	91.8	200	9.04		

Surrogate: 1-Chlorooctane 88.9 % 65.2-140

Surrogate: 1-Chlorooctadecane 103 % 63.6-154

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager

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 SM4500C-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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Celey D. Keene, Lab Director/Quality Manager

June 20, 2012

STEVE CASTILLE
GEO SURVEYS, INC.
218 SOUTH LEGGETT
ABILENE, TX 79605

RE: MESA 26 STATE #1 PIT CLOSURE

Enclosed are the results of analyses for samples received by the laboratory on 06/19/12 14:55.

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_accred_certif.html.

Cardinal Laboratories is accredited 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.

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:

 GEO SURVEYS, INC.
 STEVE CASTILLE
 218 SOUTH LEGGETT
 ABILENE TX, 79605
 Fax To: (325) 676-9426

 Received: 06/19/2012
 Reported: 06/20/2012
 Project Name: MESA 26 STATE #1 PIT CLOSURE
 Project Number: NONE GIVEN
 Project Location: MESA 26 STATE #1

 Sampling Date: 06/19/2012
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: E-1 (H201393-01)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	06/20/2012	ND	368	92.0	400	4.26		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	06/19/2012	ND	180	90.1	200	2.33		
DRO >C10-C28	<10.0	10.0	06/19/2012	ND	185	92.7	200	2.72		

Surrogate: 1-Chlorooctane 81.0 % 65.2-140

Surrogate: 1-Chlorooctadecane 93.4 % 63.6-154

Sample ID: W-1 (H201393-02)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	06/20/2012	ND	368	92.0	400	4.26		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	06/19/2012	ND	180	90.1	200	2.33		
DRO >C10-C28	<10.0	10.0	06/19/2012	ND	185	92.7	200	2.72		

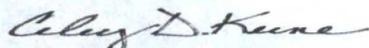
Surrogate: 1-Chlorooctane 96.5 % 65.2-140

Surrogate: 1-Chlorooctadecane 113 % 63.6-154

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 GEO SURVEYS, INC.
 STEVE CASTILLE
 218 SOUTH LEGGETT
 ABILENE TX, 79605
 Fax To: (325) 676-9426

Received:	06/19/2012	Sampling Date:	06/19/2012
Reported:	06/20/2012	Sampling Type:	Soil
Project Name:	MESA 26 STATE #1 PIT CLOSURE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MESA 26 STATE #1		

Sample ID: C-1 (H201393-03)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	06/20/2012	ND	368	92.0	400	4.26		
TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	06/19/2012	ND	180	90.1	200	2.33		
DRO >C10-C28	<10.0	10.0	06/19/2012	ND	185	92.7	200	2.72		

Surrogate: 1-Chlorooctane 94.0 % 65.2-140

Surrogate: 1-Chlorooctadecane 109 % 63.6-154

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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 SM4500C-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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Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
 (575) 393-2326 FAX (575) 393-2476

BILL TO		ANALYSIS REQUEST																			
Company Name: GEO SURVEYS		P.O. #:		Company: GEO SURVEYS																	
Project Manager: STEVE CASTILLE		Attn:		Address: 218 SOUTH LEGGETT																	
City: ABILENE		State: TX		Zip: 79605																	
Phone #: 325-676-8063		Fax #: 325-676-8426		Address: 218 STR LEGGETT																	
Project #: _____		Project Owner: _____		City: ABILENE																	
Project Name: MESA 26 STATE #1 PIT CLOSURE		State: TX		Zip: 79605																	
Project Location: _____		Project Owner: _____		Phone #: 325-676-8063																	
Sampler Name: STEVE CASTILLE		Fax #: _____		City: _____																	
FOR LAB USE ONLY																					
Lab I.D. H2013913		Sample I.D. _____		PRESERV		SAMPLING		DATE		TIME											
1 E-1				ICE / COOL				6/19/11		11:00											
2 W-1				ACID/BASE				11:15		11:15											
3 C-1				OTHER:				11:40		11:40											
				SLUDGE																	
				OIL																	
				SOIL																	
				WASTEWATER																	
				GROUNDWATER																	
				# CONTAINERS																	
				(G)RAB OR (C)OMP																	

PLEASE NOTE: Liability and Damages, Cardinal's liability and client's exclusive remedy for any claim arising whether in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 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 subsidiaries, affiliates or successors, arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: <i>Steve Castille</i>	Date: 6-19-12	Received By: <i>Wally Benson</i>	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #: _____
Relinquished By: _____	Time: 2:55	Retrieved By: _____	Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #: _____
Delivered By: (Circle One)	Date: _____	Sample Condition	REMARKS: LUSTH! + email	
Sampler - UPS - Bus - Other:	Time: _____	Cool <input type="checkbox"/> Intact <input type="checkbox"/>	325-668-2638 Verbaals	
		Yes <input type="checkbox"/> No <input type="checkbox"/>		
		Yes <input type="checkbox"/> No <input type="checkbox"/>		
		Checked By: (Initials) <i>WAB</i>		
		D.D.L.		

† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326 #26

Calvin W. Donaghey

From: Steve Castille <medicinebow2@yahoo.com>
Sent: Tuesday, August 07, 2012 10:51 AM
To: calvin
Subject: Fw: MESA 26 STATE #1 6-7-12

HOBBS OCD
AUG 10 2012
RECEIVED

----- Forwarded Message -----

From: Steve Castille <medicinebow2@yahoo.com>
To: calvin <gsurveys@bitstreet.com>
Cc: medicinebow2@yahoo.com
Sent: Friday, June 8, 2012 9:17 AM
Subject: MESA 26 STATE #1 6-7-12

MESA 26 STATE #1 6-7-12

GANDY OPERATOR ON LOCATION @ 8:30. PULLED UP WELL ANCHORS AND DID TOUCHUP WORK ON PAD. ENVIRO SPECIALIST GEOFFREY LEKING ON LOCATION @ 10AM. ADVISED TO TAKE 5 SOIL SAMPLES FROM PIT FLOOR IN 5 POINT PATTERN. MR LEKING WITNESSED AND PHOTOGRAPHED THE SAMPLING PROCESS. SAMPLES GATHERED LABELED AND PACKED IN ICE BY GEO SURVEYS REP STEVE CASTILLE. FILLED OUT THE CHAIN OF CUSTODY FORM AND DELIVERED THE SAMPLES TO CARDINAL LAB IN HOBBS NM. THE SAMPLES WILL BE TESTED FOR BTEX, CL AND FOR TPH USING METHODS 418.1 AND 8015 FOR GRO AND DRO. RESULTS WILL BE E MAILED ON MONDAY OR TUESDAY. CALLED GANDY FOR SCHEDULING. ADVISED THAT THEIR OPERATOR WILL NOT BE AVAILABLE FOR WORK MONDAY SO WE ARE TENTATIVE FOR TUESDAY AT THIS TIME DEPENDANT ON LAB RESULTS.

Calvin W. Donaghey

From: Steve Castille <medicinebow2@yahoo.com>
Sent: Tuesday, August 07, 2012 10:54 AM
To: calvin
Subject: Fw: MESA 26 STATE #1 6-12-12

----- Forwarded Message -----

From: Steve Castille <medicinebow2@yahoo.com>
To: calvin <gsurveys@bitstreet.com>
Cc: medicinebow2@yahoo.com
Sent: Thursday, June 14, 2012 8:26 AM
Subject: MESA 26 STATE #1 6-12-12

MESA 26 STATE #1 6-12-12

RECIEVED RESULTS FROM CARDINAL LABS. SAMPLES FAILED ON HIGH CHOLORIDES. CALLED CALVIN TO DISCUSS RESULTS AND PLANS. CALLED GEOFF LEKING TO DISCUSS PROCEDURE. ADVISED TO DIG TEST TRENCHES IN PIT FLOOR AND TAKE NEXT SAMPLES @ 5' BELOW FLOOR LEVEL. AFTER DISCUSSION WITH CALVIN DONAGHEY WE WILL ALSO TAKE BACKGROUND SAMPLE. EMAILED RESULTS TO GEOSURVEYS,GEOFFREY LEKING AND SCOTT DAWSON. ADVISED BY LEKING THAT WE WILL HAVE 15 DAYS TO SUBMIT OCD FORM 141. CALLED GANDY PUSHER TO SEE IF HE COULD SEND A TEST KIT WITH HIS OPERATOR TO SAVE SOME TIME AND MILES. WILL RESUME FIELD OPERATIONS IN AM.

Calvin W. Donaghey

From: Steve Castille <medicinebow2@yahoo.com>
Sent: Tuesday, August 07, 2012 10:56 AM
To: calvin
Subject: Fw: MESA 26 STATE #1 6-13-12

----- Forwarded Message -----

From: Steve Castille <medicinebow2@yahoo.com>
To: calvin <gsurveys@bitstreet.com>
Cc: medicinebow2@yahoo.com
Sent: Thursday, June 14, 2012 8:43 AM
Subject: MESA 26 STATE #1 6-13-12

MESA 26 STATE #1 6-13-12

GANDY OPERATOR ON LOCATION 10 AM. DUG TRENCH EAST OF PAD. TOOK SIDWALL SAMPLES FROM 9' FS AND 11' FS. COVERED TRENCH. DUG TRENCH IN NE QUADRANT OF PIT. TOOK SAMPLES FROM 5' AND 7' BELOW FLOOR LEVEL. BUILT BERM AROUND TRENCH IN CASE OF RAIN. DUG ANOTHER TEST TRENCH IN SW QUADRANT. TOOK SAMPLES FROM 5' AND 7' BELOW FLOOR LEVEL. FILLED OUT CHAIN OF CUSTODY FORM TOOK PICTURES AND PACKED SAMPLES IN ICE. ADVISED GANDY OPERATOR TO START ROLLING UP CALICHE PAD. DELIVERED SAMPLES TO CARDINAL LABS IN HOBBS. WILL HAVE RESULTS SOME TIME TOMORROW. NOTE THIS TEST WILL BE FOR CHLORIDES ONLY.

Calvin W. Donaghey

From: Steve Castille <medicinebow2@yahoo.com>
Sent: Tuesday, August 07, 2012 10:57 AM
To: calvin
Subject: Fw: MESA 26 STATE 1 6-14-12

----- Forwarded Message -----

From: Steve Castille <medicinebow2@yahoo.com>
To: calvin <gsurveys@bitstreet.com>
Cc: medicinebow2@yahoo.com
Sent: Friday, June 15, 2012 8:35 AM
Subject: MESA 26 STATE 1 6-14-12

MESA 26 STATE 1 6-14-12

CHECKED WITH LAB IN HOBBS ABOUT SAMPLE RESULTS. THEY WILL UPDATE US WHEN THEY HAVE THEM READY. MET GANDY PUSHER KYLE BECKNELL IN LOVINGTON. DISCUSSED SCHEDULE WITH HIM. OPERATOR ON STANDBY AT THIS TIME. TRAVEL BACK TO CLOVIS TO AWAIT LAB REPORT. RECIEVED RESULTS. CHLORIDES OK ON BACKGROUND AND SW SIDE. NE 2 (5') @1840PPM. ADVISED LAB TO RUN SAMPLE ON NE 2 (7'). THEY WILL HAVE RESULTS IN AM. CALLED CALVIN TO DISCUSS RESULTS.

Calvin W. Donaghey

From: Steve Castille <medicinebow2@yahoo.com>
Sent: Tuesday, August 07, 2012 10:58 AM
To: calvin
Subject: Fw: MESA 26 STATE 1 6-15-12

----- Forwarded Message -----

From: Steve Castille <medicinebow2@yahoo.com>
To: calvin <gsurveys@bitstreet.com>
Cc: medicinebow2@yahoo.com
Sent: Monday, June 18, 2012 8:57 AM
Subject: MESA 26 STATE 1 6-15-12

MESA 26 STATE 1 6-15-12

ROAD TO LOCATION. STANDBY TO AWAIT RESULTS FROM LAB AND TO TAKE ADDITIONAL SAMPLES IF NEEDED. RESULTS CAME IN OK. SHUT DOWN. CALL GEOFF LEKING TO DISCUSS PROCEDURE. LEFT MESSAGE. EMAIL RESULTS TO OCD AND GEOSURVEYS.

Calvin W. Donaghey

From: Steve Castille <medicinebow2@yahoo.com>
Sent: Tuesday, August 07, 2012 11:00 AM
To: calvin
Subject: Fw: MESA 26 STATE 1 6-18-12

----- Forwarded Message -----

From: Steve Castille <medicinebow2@yahoo.com>
To: calvin <gsurveys@bitstreet.com>
Cc: medicinebow2@yahoo.com
Sent: Wednesday, June 20, 2012 8:53 AM
Subject: MESA 26 STATE 1 6-18-12

MESA 26 STATE 1 6-18-12

SPOKE WITH GEOFF LEKING ABOUT TEST RESULTS ON SOIL SAMPLES. ADVISED TO INSTALL 40 MIL LINER IN PIT AND START BACKFILL. MUST TEST SAMPLES FROM CALICHE PAD FOR TPH AND CHLORIDES. MET CALVIN AND TONY AT GEO SURVEYS OFFICE TO DISCUSS JOB PLAN. CALLED GANDY AND AKOME TO LINE UP JOB FOR AM. CALVIN STARTED PROCESSING FORM C141.

Calvin W. Donaghey

From: medicinebow2@yahoo.com
Sent: Tuesday, August 07, 2012 4:57 PM
To: Calvin Donaghey
Subject: Fwd: EXPLANATION OF SAMPLE ANALYSIS MESA 26 STATE FORM C-144

Sent from my iPhone

Begin forwarded message:

From: Steve Castille <medicinebow2@yahoo.com>
Date: August 7, 2012 11:34:53 AM CDT
To: calvin <gsurveys@bitstreet.com>
Cc: "medicinebow2@yahoo.com" <medicinebow2@yahoo.com>
Subject: EXPLANATION OF SAMPLE ANALYSIS MESA 26 STATE FORM C-144
Reply-To: Steve Castille <medicinebow2@yahoo.com>

WE ARE ENCLOSING LAB RESULTS AND A DAILY REPORT ON THE SAMPLING PROCESS SO YOU WILL HAVE THE INFORMATION ON HOW AND WHERE THE SAMPLES WERE TAKEN. ON 6-18-12 THE PROCESS WAS COMPLETE AND WE WERE ADVISED BY ENVIRONMENTAL SPECIALIST GEOFF LEKING TO INSTALL A 40 MIL LINER AND START THE BACKFILL PROCESS.

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