District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, 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

PC 8/2/04

Form C-144
June 1, 2004

For drilling and production facilities, submit to appropriate NMOCD District Office.
For downstream facilities, submit to Santa Fe office

Pit or Below-Grade Tank Registration or Closure

Is pit or below-grade tank covered by a "general plan"? Yes ☐ No ☒
Type of action: Registration of a pit or below-grade tank ☐ Closure of a pit or below-grade tank ☒

Operator: Range Operating New Mexico, Inc Telephone: (505) 631-0926 e-mail address: salmager@rangeresources.com
Address: P.O. Box 2510 Hobbs, NM 88241
Facility or well name: New Mexico "M" State 54 #: 30-025-37665 U/L or Qtr/Qtr P Sec 18 T 22S R 37E
County: Lea Latitude N 32° 23.244' Longitude W 103°, 11.686' NAD: 1927 ☐ 1983 ☒
Surface Owner: Federal ☐ State ☒ Private ☐ Indian ☐

Pit	**Below-grade tank**	
Type: Drilling ☒ Production ☐ Disposal ☐ Workover ☐ Emergency ☐ Lined ☒ Unlined ☐ Liner type: Synthetic ☒ Thickness 20 mil Clay ☐ Pit Volume _____ bbl	Volume: _____ bbl Type of fluid: _____ Construction material: _____ Double-walled, with leak detection? Yes ☐ If not, explain why not.	
Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.)	Less than 50 feet 50 feet or more, but less than 100 feet 100 feet or more	(20 points) **(10 points)** 65 feet (0 points)
Wellhead protection area: (Less than 200 feet from a private domestic water source, or less than 1000 feet from all other water sources.)	Yes No	(20 points) (0 points)
Distance to surface water: (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)	Less than 200 feet 200 feet or more, but less than 1000 feet 1000 feet or more	(20 points) (10 points) (0 points)
	Ranking Score (Total Points)	**10**

Received Hobbs OCD AUG

If this is a pit closure: (1) Attach a diagram of the facility showing the pit's relationship to other equipment and tanks. (2) Indicate disposal location: (check the onsite box if your are burying in place) onsite ☒ offsite ☐ If offsite, name of facility Sundance . (3) Attach a general description of remedial action taken including remediation start date and end date. (4) Groundwater encountered: No ☒ Yes ☐ If yes, show depth below ground surface _____ ft. and attach sample results.
(5) Attach soil sample results and a diagram of sample locations and excavations.

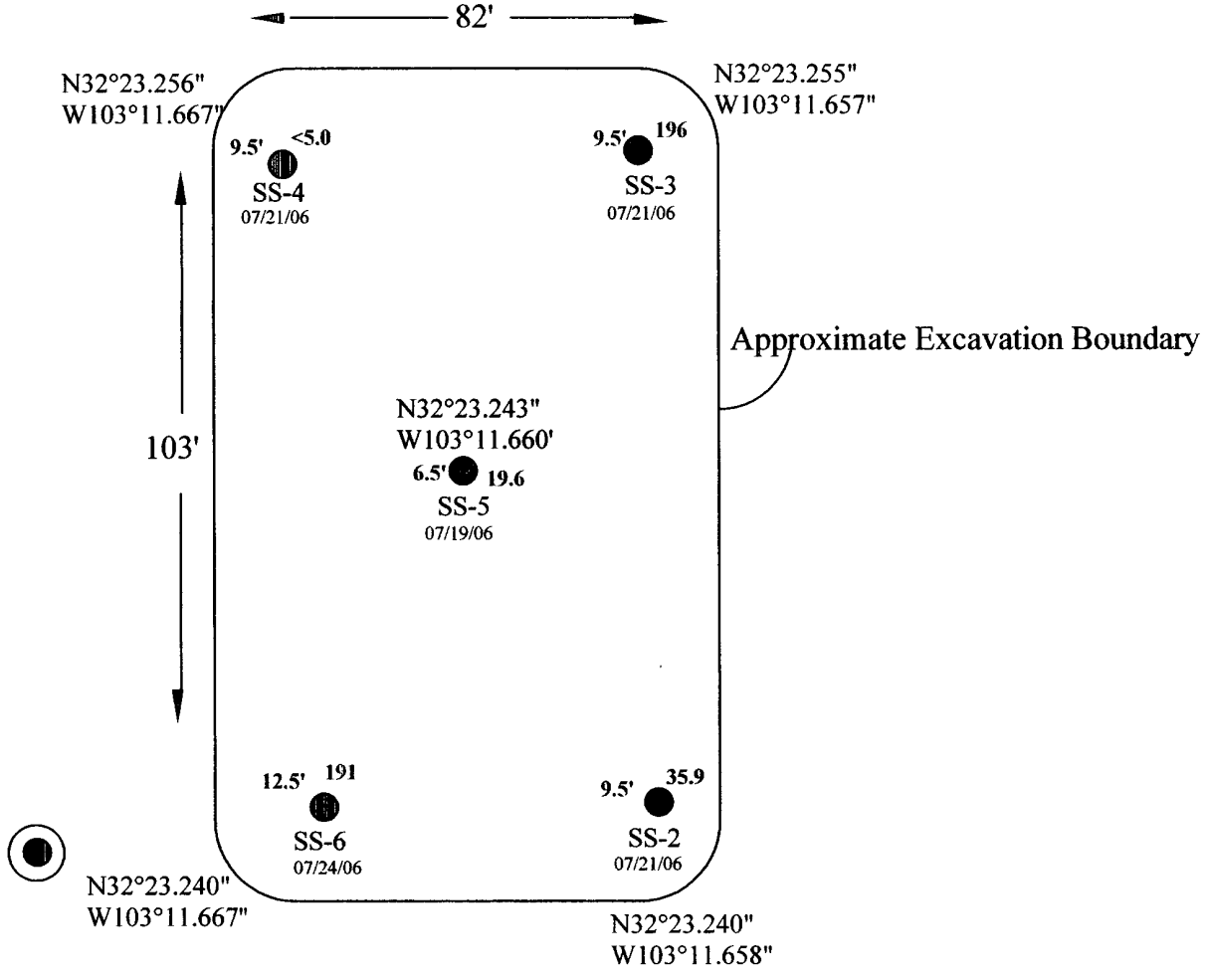
Additional Comments: All fluids were removed from the pit. The burial pit was constructed adjacent to the drilling pit. The burial pit was lined with a 12 ml liner. Impacted material was placed in the burial pit, completely encapsulated and capped with a 20 ml liner, and covered with 3 feet of topsoil to grade. Impacted soil was disposed at an NMOCD approved facility.
Attached you will find a drawing indicating where samples were collected below the liner.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. **I further certify that the above-described pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☒, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.**

Date: 8-2-06
Printed Name/Title: Steve Almager, Production Supervisor Signature: Steve

Your certification and NMOCD approval of this application/closure does not relieve the operator of liability should the contents of the pit or tank contaminate ground water or otherwise endanger public health or the environment. Nor does it relieve the operator of its responsibility for compliance with any other federal, state, or local laws and/or regulations.

Approval:
Printed Name/Title L Johnson - Environ Engr Signature: L Johnson Date: 8.2.06



LEGEND

9.5' 35.9
SS-2
07/21/06 — Date and soil sample location taken at a depth bgs, with chloride concentration (mg/kg).

Wellhead location

N32°23.240"
W103°11.658"' GPS Coordinates

FIGURE # 1

LEA COUNTY, NEW MEXICO

Range Resources

New Mexico "M" State #54
U.L.P, Sec.18, T22S, R37E

Site Drawing
(Not to Scale)

DATE: 07-27-06
NAME: CHH
PROJECT NO. : 6-0123

Ocotillo ENVIRONMENTAL

ENVIRONMENTAL LAB OF

12600 West I-20 East - Odessa, Texas 79765

Analytical Report

Prepared for:

Cindy Crain

Ocotillo Environmental

2125 French Dr.

Hobbs, NM 88201

Project: New Mexico State M #54

Project Number: 6-0123

Location: Eunice, NM

Lab Order Number: 6G25005

Report Date: 07/26/06

Ocotillo Environmental	Project: New Mexico State M #54	Fax: (432) 367-6747
2125 French Dr.	Project Number: 6-0123	
Hobbs NM, 88201	Project Manager: Cindy Crain	

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SS-6	6G25005-01	Soil	07/24/06 10:15	07/24/06 17:58

12600 West I-20 East - Odessa, Texas 79705 - (432) 563-1800 - Fax (432) 563-1713

Ocotillo Environmental	Project: New Mexico State M #54	Fax: (432) 367-6747
2125 French Dr.	Project Number: 6-0123	
Hobbs NM, 88201	Project Manager: Cindy Crain	

General Chemistry Parameters by EPA / Standard Methods
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SS-6 (6G25005-01) Soil									
Chloride	**191**	10.0	mg/kg	20	EG62505	07/25/06	07/26/06	EPA 300.0	

12600 West I-20 East - Odessa, Texas 79705 - (432) 563-1800 - Fax (432) 563-1713

Ocotillo Environmental
2125 French Dr.
Hobbs NM, 88201

Project: New Mexico State M #54
Project Number: 6-0123
Project Manager: Cindy Crain

Fax: (432) 367-6747

General Chemistry Parameters by EPA / Standard Methods - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EG62505 - Water Extraction										
Blank (EG62505-BLK1)				Prepared: 07/25/06 Analyzed: 07/26/06						
Chloride	ND	0.500	mg/kg							
LCS (EG62505-BS1)				Prepared: 07/25/06 Analyzed: 07/26/06						
Chloride	10.2	0.500	mg/kg	10.0		102	80-120			
Calibration Check (EG62505-CCV1)				Prepared: 07/25/06 Analyzed: 07/26/06						
Chloride	9.99		mg/L	10.0		99.9	80-120			
Duplicate (EG62505-DUP1)		**Source: 6G21018-01**		Prepared: 07/25/06 Analyzed: 07/26/06						
Chloride	9730	250	mg/kg		9750			0.205	20	
Duplicate (EG62505-DUP2)		**Source: 6G25004-06**		Prepared: 07/25/06 Analyzed: 07/26/06						
Chloride	55.4	5.00	mg/kg		58.1			4.76	20	
Matrix Spike (EG62505-MS1)		**Source: 6G21018-01**		Prepared: 07/25/06 Analyzed: 07/26/06						
Chloride	15300	250	mg/kg	5000	9750	111	80-120			
Matrix Spike (EG62505-MS2)		**Source: 6G25004-06**		Prepared: 07/25/06 Analyzed: 07/26/06						
Chloride	156	5.00	mg/kg	100	58.1	97.9	80-120			

Ocotillo Environmental	Project: New Mexico State M #54	Fax: (432) 367-6747
2125 French Dr.	Project Number: 6-0123	
Hobbs NM, 88201	Project Manager: Cindy Crain	

Notes and Definitions

DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
LCS	Laboratory Control Spike
MS	Matrix Spike
Dup	Duplicate

Report Approved By: Raland K. Tuttle Date: 7-27-06

Raland K. Tuttle, Lab Manager
Celey D. Keene, Lab Director, Org. Tech Director
Peggy Allen, QA Officer
Jeanne Mc Murrey, Inorg. Tech Director
LaTasha Cornish, Chemist
Sandra Sanchez, Lab Tech.

Environmental Lab of Texas

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

12600 West I-20 East
Odessa, Texas 79765

Phone: 432-563-1800
Fax: 432-563-1713

Project Manager: Cindy Crain

Company Name: Ocotillo Environmental

Company Address: 2125 French Drive, P.O. Box 1816

City/State/Zip: Hobbs, NM 88241

Telephone No: (505) 441-7244 Fax No: (432) 367-6747

Sampler Signature: Cassie Hobbs e-mail: cindy.crain@gmail.com

Project Name: NM "M" State #54

Project #: 6-0123

Project Loc: Eunice, NM

PO #:

Report Format: ☐ Standard ☐ TRRP ☐ NPDES

(lab use only)
ORDER #: 6G25005

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	No. of Containers	Preservation & # of Containers: Ice	HNO3	HCl	H2SO4	NaOH	Na2S2O3	None	Other (Specify)	Matrix: DW=Drinking Water SL=Sludge; GW=Groundwater S=Soil/Solid; NP=Non-Potable Specify Other	Analyze For: TPH: 418.1 8015M 1005 1006	Cations (Ca, Mg, Na, K)	Anions (Cl, SO4, CO3, HCO3)	SAR / ESP / CEC	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021B/5030 or BTEX 8260	RCI	N.O.R.M.	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
01	SS-6 Ctl	12.5'	12.5'	7/24/06	10:15	1	✓								S			✓									✓

TCLP:
TOTAL:

Special Instructions:

Relinquished by:	Date	Time	Received by:	Date	Time
Cassie Hobbs	7/24/06	5:30			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by ELOT:	Date	Time
				7-24-06	1750

Laboratory Comments:

Sample Containers Intact?	Y	N
VOCs Free of Headspace?	Y	N
Custody seals on container(s)	Y	N
Custody seals on cooler(s)	Y	N
Sample Hand Delivered	Y	N
by Sampler/Client Rep. ?		
by Courier? UPS DHL FedEx Lone Star		

Temperature Upon Receipt: 4.0 °C

Environmental Lab of Texas

Variance/ Corrective Action Report- Sample Log-In

Client: Ocotillo Env.

Date/ Time: 7/24/06 17:58

Lab ID # : 6G25005

Initials: CK

Sample Receipt Checklist

					Client Initials
#1	Temperature of container/ cooler?	Yes	No	4 °C	
#2	Shipping container in good condition?	~~Yes~~	No		
#3	Custody Seals intact on shipping container/ cooler?	Yes	No	~~Not Present~~	
#4	Custody Seals intact on sample bottles/ container?	Yes	No	~~Not Present~~	
#5	Chain of Custody present?	~~Yes~~	No		
#6	Sample instructions complete of Chain of Custody?	~~Yes~~	No		
#7	Chain of Custody signed when relinquished/ received?	~~Yes~~	No		
#8	Chain of Custody agrees with sample label(s)?	Yes	No	ID written on Cont./ Lid	
#9	Container label(s) legible and intact?	Yes	No	~~Not Applicable~~	
#10	Sample matrix/ properties agree with Chain of Custody?	~~Yes~~	No		
#11	Containers supplied by ELOT?	~~Yes~~	No		
#12	Samples in proper container/ bottle?	~~Yes~~	No	See Below	
#13	Samples properly preserved?	~~Yes~~	No	See Below	
#14	Sample bottles intact?	~~Yes~~	No		
#15	Preservations documented on Chain of Custody?	~~Yes~~	No		
#16	Containers documetned on Chain of Custody?	~~Yes~~	No		
#17	Sufficient sample amount for indicated test(s)?	~~Yes~~	No	See Below	
#18	All samples received within sufficient hold time?	~~Yes~~	No	See Below	
#19	VOC samples have zero headspace?	Yes	No	~~Not Applicable~~	

Variance Documentation

Contact: _____ Contacted by: _____ Date/ Time: _____

Regarding: _____

Corrective Action Taken: _____

Check all that Apply:

- ☐ See attached e-mail/ fax
- ☐ Client understands and would like to proceed with analysis
- ☐ Cooling process had begun shortly after sampling event

ENVIRONMENTAL LAB OF

12600 West I-20 East - Odessa, Texas 79765

Analytical Report

Prepared for:

Cindy Crain

Ocotillo Environmental

2125 French Dr.

Hobbs, NM 88201

Project: New Mexico State M #54

Project Number: 6-0123

Location: Eunice

Lab Order Number: 6G21017

Report Date: 07/26/06

Ocotillo Environmental	Project: New Mexico State M #54	Fax: (432) 367-6747
2125 French Dr.	Project Number: 6-0123	
Hobbs NM. 88201	Project Manager: Cindy Crain	

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SS-1	6G21017-01	Soil	07/21/06 09:20	07/21/06 16:31
SS-2	6G21017-02	Soil	07/21/06 09:23	07/21/06 16:31
SS-3	6G21017-03	Soil	07/21/06 09:26	07/21/06 16:31
SS-4	6G21017-04	Soil	07/21/06 09:29	07/21/06 16:31
SS-5	6G21017-05	Soil	07/21/06 09:31	07/21/06 16:31

12600 West I-20 East - Odessa, Texas 79705 - (432) 563-1800 - Fax (432) 563-1713

Ocotillo Environmental	Project: New Mexico State M #54	Fax: (432) 367-6747
2125 French Dr.	Project Number: 6-0123	
Hobbs NM. 88201	Project Manager: Cindy Crain	

General Chemistry Parameters by EPA / Standard Methods
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SS-1 (6G21017-01) Soil									
Chloride	**1520**	50.0	mg/kg	100	EG62503	07/25/06	07/25/06	EPA 300.0	
SS-2 (6G21017-02) Soil									
Chloride	**35.9**	5.00	mg/kg	10	EG62503	07/25/06	07/25/06	EPA 300.0	
SS-3 (6G21017-03) Soil									
Chloride	**196**	10.0	mg/kg	20	EG62503	07/25/06	07/25/06	EPA 300.0	
SS-4 (6G21017-04) Soil									
Chloride	ND	5.00	mg/kg	10	EG62503	07/25/06	07/25/06	EPA 300.0	
SS-5 (6G21017-05) Soil									
Chloride	**159**	10.0	mg/kg	20	EG62503	07/25/06	07/25/06	EPA 300.0	

12600 West I-20 East - Odessa, Texas 79705 - (432) 563-1800 - Fax (432) 563-1713

Ocotillo Environmental	Project: New Mexico State M #54	Fax: (432) 367-6747
2125 French Dr.	Project Number: 6-0123	
Hobbs NM, 88201	Project Manager: Cindy Crain	

General Chemistry Parameters by EPA / Standard Methods - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EG62503 - Water Extraction										
Blank (EG62503-BLK1)				Prepared & Analyzed: 07/25/06						
Chloride	ND	0.500	mg/kg							
LCS (EG62503-BS1)				Prepared & Analyzed: 07/25/06						
Chloride	8.83	0.500	mg/kg	10.0		88.3	80-120			
Calibration Check (EG62503-CCV1)				Prepared & Analyzed: 07/25/06						
Chloride	10.0		mg/L	10.0		100	80-120			
Duplicate (EG62503-DUP1)		**Source: 6G21010-06**		Prepared & Analyzed: 07/25/06						
Chloride	1540	25.0	mg/kg		1640			6.29	20	
Duplicate (EG62503-DUP2)		**Source: 6G21017-01**		Prepared & Analyzed: 07/25/06						
Chloride	1590	50.0	mg/kg		1520			4.50	20	
Matrix Spike (EG62503-MS1)		**Source: 6G21010-06**		Prepared & Analyzed: 07/25/06						
Chloride	2110	25.0	mg/kg	500	1640	94.0	80-120			
Matrix Spike (EG62503-MS2)		**Source: 6G21017-01**		Prepared & Analyzed: 07/25/06						
Chloride	2690	50.0	mg/kg	1000	1520	117	80-120			

12600 West I-20 East - Odessa, Texas 79705 - (432) 563-1800 - Fax (432) 563-1713

Ocotillo Environmental	Project: New Mexico State M #54	Fax: (432) 367-6747
2125 French Dr.	Project Number: 6-0123	
Hobbs NM. 88201	Project Manager: Cindy Crain	

Notes and Definitions

DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
LCS	Laboratory Control Spike
MS	Matrix Spike
Dup	Duplicate

Report Approved By: Raland K Tuttle Date: 7-26-06

Raland K. Tuttle, Lab Manager
Celey D. Keene, Lab Director, Org. Tech Director
Peggy Allen, QA Officer
Jeanne Mc Murrey, Inorg. Tech Director
LaTasha Cornish, Chemist
Sandra Sanchez, Lab Tech.

Environmental Lab of Texas

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

12600 West I-20 East
Odessa, Texas 79765
Phone: 432-563-1800
Fax: 432-563-1713

Project Manager: Cindy Crain
Company Name: Ocotillo Environmental
Company Address: 2125 French Drive, P.O. Box 1816
City/State/Zip: Hobbs, NM 88241
Telephone No: (505) 441-7244 Fax No: (432) 367-6747
Sampler Signature: Cassie Hobbs
e-mail: cindy.crain@gmail.com

Project Name: NM "M" State #54
Project #: 6-0123
Project Loc: Eunice
PO #:
Report Format: [X] Standard [ ] TRRP [ ] NPDES

(lab use only) ORDER #: 6B21017

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	No. of Containers	Preservation & # of Containers: Ice	HNO3	HCl	H2SO4	NaOH	Na2S2O3	None	Other (Specify)	Matrix: DW=Drinking Water SL=Sludge	GW=Groundwater S=Soil/Solid	NP=Non-Potable Specify Other	Analyze For: TPH: 418.1 8015M 1005 1006	Cations (Ca, Mg, Na, K)	Anions (Cl, SO4, CO3, HCO3)	SAR / ESP / CEC	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021B/5030 or BTEX 8260	RCI	N.O.R.M.	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
01	SS-1			7/21/06	9:20	1	✓								S					✓										✓
02	SS-2			"	9:23	1	✓								S					✓										✓
03	SS-3			"	9:26	1	✓								S					✓										✓
04	SS-4			"	9:29	1	✓								S					✓										✓
05	SS-5			"	9:31	1	✓								S					✓										✓

Special Instructions:

Relinquished by:	Date	Time	Received by:	Date	Time
Cassie Hobbs	7/21/06	4:31			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by ELOT:	Date	Time
			Cassie Hobbs	7/21/06	9:31

Laboratory Comments:

Sample Containers Intact?	Y	N
VOCs Free of Headspace?	Y	N
Custody seals on container(s)	Y	N
Custody seals on cooler(s)	Y	N
Sample Hand Delivered by Sampler/Client Rep. ?	Y	N

by Courier? UPS DHL FedEx Lone Star

Temperature Upon Receipt: 5.0 °C

Environmental Lab of Texas

Variance/ Corrective Action Report- Sample Log-In

Client: Ocotillo Env.

Date/ Time: 7/21/06 4:31

Lab ID # : 060717

Initials: CK

Sample Receipt Checklist

					Client Initials
#1	Temperature of container/ cooler?	Yes	No	5.0 °C	
#2	Shipping container in good condition?	~~Yes~~	No		
#3	Custody Seals intact on shipping container/ cooler?	Yes	No	~~Not Present~~	
#4	Custody Seals intact on sample bottles/ container?	Yes	No	~~Not Present~~	
#5	Chain of Custody present?	~~Yes~~	No		
#6	Sample instructions complete of Chain of Custody?	~~Yes~~	No		
#7	Chain of Custody signed when relinquished/ received?	~~Yes~~	No		
#8	Chain of Custody agrees with sample label(s)?	Yes	No	ID written on Cont./ Lid	
#9	Container label(s) legible and intact?	Yes	No	~~Not Applicable~~	
#10	Sample matrix/ properties agree with Chain of Custody?	~~Yes~~	No		
#11	Containers supplied by ELOT?	~~Yes~~	No		
#12	Samples in proper container/ bottle?	~~Yes~~	No	See Below	
#13	Samples properly preserved?	~~Yes~~	No	See Below	
#14	Sample bottles intact?	~~Yes~~	No		
#15	Preservations documented on Chain of Custody?	~~Yes~~	No		
#16	Containers documetned on Chain of Custody?	~~Yes~~	No		
#17	Sufficient sample amount for indicated test(s)?	~~Yes~~	No	See Below	
#18	All samples received within sufficient hold time?	~~Yes~~	No	See Below	
#19	VOC samples have zero headspace?	Yes	No	~~Not Applicable~~	

Variance Documentation

Contact: _____ Contacted by: _____ Date/ Time: _____

Regarding: _____

Corrective Action Taken: _____

Check all that Apply:

- ☐ See attached e-mail/ fax
- ☐ Client understands and would like to proceed with analysis
- ☐ Cooling process had begun shortly after sampling event

ENVIRONMENTAL LAB OF

12600 West I-20 East - Odessa, Texas 79765

Analytical Report

Prepared for:

Cindy Crain

Ocotillo Environmental

2125 French Dr.

Hobbs, NM 88201

Project: New Mexico State M #54

Project Number: None Given

Location: Eunice

Lab Order Number: 6G19003

Report Date: 07/21/06

Ocotillo Environmental	Project: New Mexico State M #54	Fax: (432) 367-6747
2125 French Dr.	Project Number: None Given	
Hobbs NM, 88201	Project Manager: Cindy Crain	

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SS-1	6G19003-01	Soil	07/19/06 10:58	07/19/06 14:50
SS-2	6G19003-02	Soil	07/19/06 11:01	07/19/06 14:50
SS-3	6G19003-03	Soil	07/19/06 11:04	07/19/06 14:50
SS-4	6G19003-04	Soil	07/19/06 11:07	07/19/06 14:50
SS-5	6G19003-05	Soil	07/19/06 11:10	07/19/06 14:50

12600 West I-20 East - Odessa, Texas 79705 - (432) 563-1800 - Fax (432) 563-1713

Ocotillo Environmental	Project: New Mexico State M #54	Fax: (432) 367-6747
2125 French Dr.	Project Number: None Given	
Hobbs NM, 88201	Project Manager: Cindy Crain	

General Chemistry Parameters by EPA / Standard Methods
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SS-1 (6G19003-01) Soil									
Chloride	**14700**	500	mg/kg	1000	EG62108	07/21/06	07/21/06	EPA 300.0	
SS-2 (6G19003-02) Soil									
Chloride	**9990**	200	mg/kg	400	EG62108	07/21/06	07/21/06	EPA 300.0	
SS-3 (6G19003-03) Soil									
Chloride	**17300**	200	mg/kg	400	EG62108	07/21/06	07/21/06	EPA 300.0	
SS-4 (6G19003-04) Soil									
Chloride	**8050**	100	mg/kg	200	EG62108	07/21/06	07/21/06	EPA 300.0	
SS-5 (6G19003-05) Soil									
Chloride	**19.6**	5.00	mg/kg	10	EG62108	07/21/06	07/21/06	EPA 300.0	

12600 West I-20 East - Odessa, Texas 79705 - (432) 563-1800 - Fax (432) 563-1713

Ocotillo Environmental	Project: New Mexico State M #54	Fax: (432) 367-6747
2125 French Dr.	Project Number: None Given	
Hobbs NM, 88201	Project Manager: Cindy Crain	

General Chemistry Parameters by EPA / Standard Methods - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EG62108 - General Preparation (WetChem)										
Blank (EG62108-BLK1)				Prepared & Analyzed: 07/21/06						
Chloride	0.0710	0.500	mg/kg							J
LCS (EG62108-BS1)				Prepared & Analyzed: 07/21/06						
Chloride	10.2	0.500	mg/kg	10.0		102	80-120			
Calibration Check (EG62108-CCV1)				Prepared & Analyzed: 07/21/06						
Chloride	10.2		mg/L	10.0		102	80-120			
Duplicate (EG62108-DUP1)		**Source: 6G19003-01**		Prepared & Analyzed: 07/21/06						
Chloride	14500	500	mg/kg		14700			1.37	20	
Matrix Spike (EG62108-MS1)		**Source: 6G19003-01**		Prepared & Analyzed: 07/21/06						
Chloride	25600	500	mg/kg	10000	14700	109	80-120			

12600 West I-20 East - Odessa, Texas 79705 - (432) 563-1800 - Fax (432) 563-1713

Notes and Definitions

J	Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
LCS	Laboratory Control Spike
MS	Matrix Spike
Dup	Duplicate

Report Approved By: Raland K Tuttle Date: 7-21-06

Raland K. Tuttle, Lab Manager
Celey D. Keene, Lab Director, Org. Tech Director
Peggy Allen, QA Officer
Jeanne Mc Murrey, Inorg. Tech Director
LaTasha Cornish, Chemist
Sandra Sanchez, Lab Tech.

Environmental Lab of Texas

12600 West I-20 East
Odessa, Texas 79765
Phone: 432-563-1800
Fax: 432-563-1713

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager: Cindy Crain
Company Name: Ocotillo Environmental
Company Address: 2125 French Drive , P.O. Box 1816
City/State/Zip: Hobbs, NM 88241
Telephone No: (505) 441-7244 Fax No: (432) 367-6747
Sampler Signature: Cassie Hobbs
Email: cindy.crain@gmail.com

Project Name: New Mexico "M" State # 54
Project #:
Project Loc: Eunice
PO #:

6/19/03

LAB # (lab use only)	FIELD CODE	Date Sampled	Time Sampled	No. of Containers	Preservative: Ice	Preservative: HNO_3	Preservative: HCl	Preservative: NaOH	Preservative: H_2SO_4	Preservative: None	Preservative: Other (Specify)	Matrix: Water	Matrix: Sludge	Matrix: Soil	Matrix: Other (specify):	Analyze For: TPH: 418.1 8015M 1005 1006	Cations (Ca, Mg, Na, K)	Anions (Cl, SO4, CO3, HCO3)	SAR / ESP / CEC	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 80218/5030 or BTEX 8260	RCI	N.O.R.M	RUSH TAT (Pre-Schedule)	Standard TAT
-01	SS-1	7/19/02	10:58	1	✓									✓				✓									✓
-02	SS-2	"	11:01	1	✓									✓				✓									✓
-03	SS-3	"	11:04	1	✓									✓				✓									✓
-04	SS-4	"	11:07	1	✓									✓				✓									✓
-05	SS-5	"	11:10	1	✓									✓				✓									✓

Special Instructions:

Sample Containers Intact? Y N
Labels on container? Y N
Custody Seals: Containers / Cooler
Temperature Upon Receipt: 5.5

Laboratory Comments: 4oz glass

Relinquished by:	Date	Time	Received by:	Date	Time
Cassie Hobbs	7/19/02	2:50			
Relinquished by:	Date	Time	Received by ELOT:	Date	Time
			Cassie Hobbs	7/19/02	2:50

Environmental Lab of Texas
Variance / Corrective Action Report – Sample Log-In

Client: Ocotillo

Date/Time: 4/19/06 2:50

Order #: 0604 9003

Initials: CK

Sample Receipt Checklist

Temperature of container/cooler?	Yes	No	5.5 C
Shipping container/cooler in good condition?	~~Yes~~	No	
Custody Seals intact on shipping container/cooler?	Yes	No	~~Not present~~
Custody Seals intact on sample bottles?	Yes	No	~~Not present~~
Chain of custody present?	~~Yes~~	No	
Sample Instructions complete on Chain of Custody?	~~Yes~~	No	
Chain of Custody signed when relinquished and received?	~~Yes~~	No	
Chain of custody agrees with sample label(s)	Yes	No	ID on lid
Container labels legible and intact?	Yes	No	—
Sample Matrix and properties same as on chain of custody?	~~Yes~~	No	
Samples in proper container/bottle?	~~Yes~~	No	
Samples properly preserved?	~~Yes~~	No	
Sample bottles intact?	~~Yes~~	No	
Preservations documented on Chain of Custody?	~~Yes~~	No	
Containers documented on Chain of Custody?	~~Yes~~	No	
Sufficient sample amount for indicated test?	~~Yes~~	No	
All samples received within sufficient hold time?	~~Yes~~	No	
VOC samples have zero headspace?	Yes	No	Not Applicable

Other observations:

Variance Documentation:

Contact Person: - Date/Time: Contacted by:

Regarding:

Corrective Action Taken: