

District II
1501 W. Grand Avenue, Artesia, NM 88210
District III
1600 E. Bureau Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

Energy Resources and Natural Resources

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

For drilling and production facilities, submit to appropriate NMOC 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 permit"? Yes ☐ No ☒

Type of action: Registration of a pit or below-grade tank ☐ Closure of a pit or below-grade tank ☒

Operator: <u>Ameristate Exploration</u> Telephone: <u>(505) 623-5500</u> e-mail address: _____		
Address: <u>401 Congress Ave, ste 2700, Austin TX 78701</u>		
Facility or well name: <u>East Millman Unit #229</u> API #: <u>30-045-34762</u> U/L or Q/L or Q/L: <u>C</u> Sec: <u>14</u> T: <u>19S</u> R: <u>28E</u>		
County: <u>Eddy</u> Latitude: <u>N32° 39' 52.8"</u> Longitude: <u>W104° 01' 05.1"</u> NAD: 1927 ☐ 1983 ☐		
Surface Owner: Federal ☐ State ☒ Private ☐ Indian ☐		
Pit Type: Drilling ☒ Production ☐ Disposal ☐ Wellbore ☐ Storage ☐ Liner ☒ Unlined ☐ Liner type: Synthetic ☒ Thickness: <u>12</u> mil Clay ☐ Fit Volume: <u>Nil</u>		
Below-grade tank Volume: <u>Nil</u> Type of tank: _____ Construction material: _____ Double-walled, with leak detection? Yes ☐ If not, explain why not: _____		
Depth to ground water (vertical distance from bottom of pit to nearest high water elevation of ground water.)	Less than 50 feet 50 feet or more, but less than 100 feet <u>100 feet or more 150'</u>	(20 points) (10 points) (0 points) <u>0</u>
Wellhead protection area: (Less than 200 feet from a private domestic water source, or less than 1000 feet from all other water sources.)	Yes <u>No</u>	(20 points) (0 points) <u>0</u>
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 <u>1000 feet or more</u>	(20 points) (10 points) (0 points) <u>0</u>
Ranking Score (Total Points)		<u>0</u>

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 units box if you are burying in place) units ☒ offsite ☐ If offsite, name of facility: N/A. (3) Attach a general description of remedial action taken including remediation start date and end date. (4) Groundwater concentration: No ☒ Yes ☐ If yes, show depth below ground surface: N/A ft. and attach sample results.

(5) Attach soil sample results and a diagram of sample locations and orientations.

Additional Comments: Refer to Attached Pit Closure Plans
* Reserve pit Closed as of 8/21/07 According to NMOC District
Guide lines.
Photos Included
SOIL Sample Results Included.

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 fully constructed or closed according to NMOC District ☒ a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

Date: 5/24/07

Printed Name/Title: Dusty L. Wilson/Field Agent Signature: [Signature]

Your certification and NMOC District approval of this application does not release 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 release the operator of its responsibility for compliance with any other federal, state, or local laws and/or regulations.

Approved:

Printed Name/Title: _____

Signature: [Signature]

Date: 6/5/07

Notify OCD 24 hours prior to beginning pit closure.

— Samples are to be obtained from pit area and analysis submitted to NMOC District prior to back-filling

Closure 8/21/07
Accepted for record
NMOC District

②



6701 Aberdeen Avenue Suite 9 Lubbock, Texas 79424 800•378•1296 806•794•1296 FAX 806•794•1298
200 East Sunset Road, Suite E El Paso, Texas 79922 888•588•3443 915•585•3443 FAX 915•585•4944
5002 Basin Street Suite A1 Midland, Texas 79703 432•689•6301 FAX 432•689•6313
6015 Harris Parkway Suite 110 Ft Worth Texas 76137 817•701•5260
E-Mail: lab@traceanalysis.com

Analytical and Quality Control Report

Dusty Wilson
New Mexico Environmental
P.O. Box 310
Hobbs, NM, 88241

Report Date: August 9, 2007

Work Order: 7080930



Project Location: Unit C Sec 14 T19s R 28E Eddy Co.
Project Name: Ameristate, East Millman Unit #229
Project Number: API-30-015-34762

Enclosed are the Analytical Report and Quality Control Report for the following sample(s) submitted to TraceAnalysis, Inc.

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
132620	Sample #001 East 8'	soil	2007-08-08	13:30	2007-08-09
132621	Sample #002 West 6'	soil	2007-08-08	13:53	2007-08-09
132622	Sample #003 Working Pit 6'	soil	2007-08-08	14:18	2007-08-09
132623	Sample #004 Background	soil	2007-08-08	14:36	2007-08-09

These results represent only the samples received in the laboratory. The Quality Control Report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

This report consists of a total of 4 pages and shall not be reproduced except in its entirety, without written approval of TraceAnalysis, Inc.

Dr. Blair Leftwich, Director

Standard Flags

B - The sample contains less than ten times the concentration found in the method blank.

Analytical Report

Sample: 132620 - Sample #001 East 8'

Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	39902	Date Analyzed:	2007-08-09	Analyzed By:	ER
Prep Batch:	34537	Sample Preparation:	2007-08-09	Prepared By:	MM

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		109	mg/Kg	10	5.00

Sample: 132621 - Sample #002 West 6'

Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	39902	Date Analyzed:	2007-08-09	Analyzed By:	ER
Prep Batch:	34537	Sample Preparation:	2007-08-09	Prepared By:	MM

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		27.3	mg/Kg	4	5.00

Sample: 132622 - Sample #003 Working Pit 6'

Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	39902	Date Analyzed:	2007-08-09	Analyzed By:	ER
Prep Batch:	34537	Sample Preparation:	2007-08-09	Prepared By:	MM

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		152	mg/Kg	10	5.00

Sample: 132623 - Sample #004 Background

Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	39902	Date Analyzed:	2007-08-09	Analyzed By:	ER
Prep Batch:	34537	Sample Preparation:	2007-08-09	Prepared By:	MM

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		55.4	mg/Kg	4	5.00

Method Blank (1) QC Batch: 39902

QC Batch:	39902	Date Analyzed:	2007-08-09	Analyzed By:	ER
Prep Batch:	34537	QC Preparation:	2007-08-09	Prepared By:	MM

Parameter	Flag	MDL Result	Units	RL
Chloride		<3.25	mg/Kg	5

Laboratory Control Spike (LCS-1)

QC Batch: 39902
Prep Batch: 34537

Date Analyzed: 2007-08-09
QC Preparation: 2007-08-09

Analyzed By: ER
Prepared By: MM

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	99.4	mg/Kg	1	100	<3.25	99	90 - 110

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Chloride	98.6	mg/Kg	1	100	<3.25	99	90 - 110	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 132556

QC Batch: 39902
Prep Batch: 34537

Date Analyzed: 2007-08-09
QC Preparation: 2007-08-09

Analyzed By: ER
Prepared By: MM

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	¹ 13100	mg/Kg	100	10000	12027.3	11	84.6 - 117

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Chloride	² 13300	mg/Kg	100	10000	12027.3	13	84.6 - 117	2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Standard (ICV-1)

QC Batch: 39902

Date Analyzed: 2007-08-09

Analyzed By: ER

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	100	100	100	85 - 115	2007-08-09

Standard (CCV-1)

QC Batch: 39902

Date Analyzed: 2007-08-09

Analyzed By: ER

¹Matrix spike recovery out of control limits due to matrix interference Use LCS/LCSD to demonstrate analysis is under control

²Matrix spike recovery out of control limits due to matrix interference Use LCS/LCSD to demonstrate analysis is under control

Report Date: August 9, 2007
API-30-015-34762

Work Order: 7080930
Ameristate, East Millman Unit #229

Page Number: 4 of 4
Unit C Sec 14 T19s R 28E Eddy Co.

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	100	99.4	99	85 - 115	2007-08-09























