

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

Form C-144  
June 1, 2004

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 plan"? Yes ☒ No ☐

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

Operator: Yates Petroleum Corporation Telephone: 505-748-4500 e-mail address: mikes@yppnm.com

Address: 105 South 4<sup>th</sup> Street, Artesia, N.M. 88210

Facility or well name: Cleary AKC Federal #1 API #: 30-025-24823 U/L or Otr/Otr J Sec 17 T 22S R 32E

County: LEA Latitude 32.38975 Longitude 103.69408 NAD: 1927 ☒ 1983 ☐

Surface Owner: Federal ☒ State ☐ Private ☐ Indian ☐

| Pit                                                                                                                                                                                                                                                                                                                                                                                                                 | Below-grade tank                                                                                                                                                          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Type: Drilling <input checked="" type="checkbox"/> Production <input type="checkbox"/> Disposal <input type="checkbox"/><br>Work over <input type="checkbox"/> Emergency <input type="checkbox"/><br>Lined <input checked="" type="checkbox"/> Unlined <input type="checkbox"/><br>Liner type: Synthetic <input checked="" type="checkbox"/> Thickness 12 mil Clay <input type="checkbox"/><br>Pit Volume _____ bbl | Volume: _____ bbl Type of fluid: _____<br>Construction material: _____<br>Double-walled, with leak detection? Yes <input type="checkbox"/> 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 (20 points)<br>50 feet or more, but less than 100 feet (10 points)<br>100 feet or more (0 points) XXXX                                                  |
| Wellhead protection area: (Less than 200 feet from a private domestic water source, or less than 1000 feet from all other water sources.)                                                                                                                                                                                                                                                                           | Yes (20 points)<br>No (0 points) XXXX                                                                                                                                     |
| Distance to surface water: (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)                                                                                                                                                                                                                                                                     | Less than 200 feet (20 points)<br>200 feet or more, but less than 1000 feet (10 points)<br>1000 feet or more (0 points) XXXX                                              |
| Ranking Score (Total Points)                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                           |
| 0 POINTS                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                           |

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 you are burying in place) onsite ☒ offsite ☐ If offsite, name of facility NA (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: Closure work plan for encapsulation trench. The drilling pit material will be excavated & stockpiled. An encapsulation trench will be excavated and lined with a 12 mil. synthetic liner on former drilling pit site. Drilling pit contents will then be emplaced into the encapsulation trench. A 20 mil synthetic liner will then be placed over the pit contents with a minimum of a 3' over lap of the underlying trench areas. The encapsulation trench will then be backfilled to grade using a minimum of 3' of clean soil and like material. A one call and 48 hour notice will be provided to the Oil Conservation Division before pit closure actions begin.

Pit Closure actions to begin by NA. Ending date NA

~~Pit will be reopened and closed per OGD requirements~~

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 NMOC guidelines ☐, a general permit ☒, or an (attached) alternative OCD-approved plan ☐.

Date: 03/19/2007

Printed Name/Title Mike Stubblefield / Environmental Regulatory Agent

Signature Mike Stubblefield

Your certification and NMOC 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 GARY W. WINK / STAFF MGR

Signature Gary W. Wink

Date: 3/23/07

PIT CLOSURE FINAL

DATE 5/21/2007



# TRACEANALYSIS, INC.

6701 Aberdeen Avenue, Suite 9 Lubbock, Texas 79424 800•378•1296 806•794•1296 FAX 806•794•1296  
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 76132 817•201•5260  
E-Mail: lab@traceanalysis.com

## Analytical and Quality Control Report

Cris Bushy  
New Mexico Environmental  
P.O. Box 310  
Hobbs, NM, 88241

Report Date: April 26, 2007

Work Order: 7042511



Project Location: Sec. 17, T22s, R32e, Lea Co., NM  
Project Name: (Yates) Cleary AKC Fed #1  
Project Number: Api #30-025-24823

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 |
|--------|-------------------|--------|------------|------------|---------------|
| 122602 | #001 NE Corner 1' | soil   | 2007-04-16 | 08:00      | 2007-04-25    |
| 122603 | #002 NW Corner 1' | soil   | 2007-04-16 | 09:00      | 2007-04-25    |
| 122604 | #003 Center 1'    | soil   | 2007-04-16 | 10:00      | 2007-04-25    |
| 122605 | #004 SE Corner 1' | soil   | 2007-04-16 | 11:00      | 2007-04-25    |
| 122606 | #005 SW Corner 1' | soil   | 2007-04-16 | 12:00      | 2007-04-25    |

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 5 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.

## Case Narrative

Samples for project '(Yates) Cleary AKC Fed #1' were received by TraceAnalysis, Inc. on 2007-04-25 and assigned to work order 7042511. Samples for work order 7042511 were received intact at a temperature of 22 C.

Samples were analyzed for the following tests using their respective methods.

| Test          | Method  |
|---------------|---------|
| Chloride (IC) | E 300.0 |

Results for these samples are reported on a wet weight basis unless data package indicates otherwise.

A matrix spike (MS) and matrix spike duplicate (MSD) sample is chosen at random from each preparation batch. The MS and MSD will indicate if a site specific matrix problem is occurring, however, it may not pertain to the samples for work order 7042511 since the sample was chosen at random. Therefore, the validity of the analytical data reported has been determined by the laboratory control sample (LCS) and the method blank (MB). These quality control measures are performed with each preparation batch to ensure data integrity.

All other exceptions associated with this report have been footnoted on the appropriate analytical page to assist in general data comprehension. Please contact the laboratory directly if there are any questions regarding this project.

Report Date: April 26, 2007  
Api #30-025-24823

Work Order: 7042511  
(Yates) Cleary AKC Fed #1

Page Number: 3 of 5  
Sec. 17, T22s, R32e, Lea Co., NM

## Analytical Report

Sample: 122602 - #001 NE Corner 1'

Analysis: Chloride (IC)  
QC Batch: 36811  
Prep Batch: 31933

Analytical Method: E 300.0  
Date Analyzed: 2007-04-26  
Sample Preparation: 2007-04-26

Prep Method: N/A  
Analyzed By: ER  
Prepared By: ER

| Parameter | Flag | RL<br>Result | Units | Dilution | RL   |
|-----------|------|--------------|-------|----------|------|
| Chloride  |      | 14.8         | mg/Kg | 1        | 1.00 |

Sample: 122603 - #002 NW Corner 1'

Analysis: Chloride (IC)  
QC Batch: 36811  
Prep Batch: 31933

Analytical Method: E 300.0  
Date Analyzed: 2007-04-26  
Sample Preparation: 2007-04-26

Prep Method: N/A  
Analyzed By: ER  
Prepared By: ER

| Parameter | Flag | RL<br>Result | Units | Dilution | RL   |
|-----------|------|--------------|-------|----------|------|
| Chloride  |      | 5.47         | mg/Kg | 1        | 1.00 |

Sample: 122604 - #003 Center 1'

Analysis: Chloride (IC)  
QC Batch: 36811  
Prep Batch: 31933

Analytical Method: E 300.0  
Date Analyzed: 2007-04-26  
Sample Preparation: 2007-04-26

Prep Method: N/A  
Analyzed By: ER  
Prepared By: ER

| Parameter | Flag | RL<br>Result | Units | Dilution | RL   |
|-----------|------|--------------|-------|----------|------|
| Chloride  |      | 11.8         | mg/Kg | 1        | 1.00 |

Sample: 122605 - #004 SE Corner 1'

Analysis: Chloride (IC)  
QC Batch: 36811  
Prep Batch: 31933

Analytical Method: E 300.0  
Date Analyzed: 2007-04-26  
Sample Preparation: 2007-04-26

Prep Method: N/A  
Analyzed By: ER  
Prepared By: ER

| Parameter | Flag | RL<br>Result | Units | Dilution | RL   |
|-----------|------|--------------|-------|----------|------|
| Chloride  |      | 15.3         | mg/Kg | 1        | 1.00 |

Sample: 122606 - #005 SW Corner 1'

Analysis: Chloride (IC)  
QC Batch: 36811  
Prep Batch: 31933

Analytical Method: E 300.0  
Date Analyzed: 2007-04-26  
Sample Preparation: 2007-04-26

Prep Method: N/A  
Analyzed By: ER  
Prepared By: ER

Report Date: April 26, 2007  
 Api #30-025-24823

Work Order: 7042511  
 (Yates) Cleary AKC Fed #1

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 Sec. 17, T22a, R32e, Lea Co., NM

| Parameter | Flag | RL<br>Result | Units | Dilution | RL   |
|-----------|------|--------------|-------|----------|------|
| Chloride  |      | 23.6         | mg/Kg | 1        | 1.00 |

Method Blank (1) QC Batch: 36811

QC Batch: 36811  
 Prep Batch: 31933

Date Analyzed: 2007-04-26  
 QC Preparation: 2007-04-26

Analyzed By: ER  
 Prepared By: ER

| Parameter | Flag | MDL<br>Result | Units | RL |
|-----------|------|---------------|-------|----|
| Chloride  |      | <0.140        | mg/Kg | 1  |

Laboratory Control Spike (LCS-1)

QC Batch: 36811  
 Prep Batch: 31933

Date Analyzed: 2007-04-26  
 QC Preparation: 2007-04-26

Analyzed By: ER  
 Prepared By: ER

| Param    | LCS<br>Result | Units | Dil. | Spike<br>Amount | Matrix<br>Result | Rec. | Rec.<br>Limit |
|----------|---------------|-------|------|-----------------|------------------|------|---------------|
| Chloride | 12.3          | mg/Kg | 1    | 12.5            | <0.140           | 98   | 90 - 110      |

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

| Param    | LCSD<br>Result | Units | Dil. | Spike<br>Amount | Matrix<br>Result | Rec. | Rec.<br>Limit | RPD | RPD<br>Limit |
|----------|----------------|-------|------|-----------------|------------------|------|---------------|-----|--------------|
| Chloride | 12.1           | mg/Kg | 1    | 12.5            | <0.140           | 97   | 90 - 110      | 2   | 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: 122596

QC Batch: 36811  
 Prep Batch: 31933

Date Analyzed: 2007-04-26  
 QC Preparation: 2007-04-26

Analyzed By: ER  
 Prepared By: ER

| Param    | MS<br>Result | Units | Dil. | Spike<br>Amount | Matrix<br>Result | Rec. | Rec.<br>Limit |
|----------|--------------|-------|------|-----------------|------------------|------|---------------|
| Chloride | 59.2         | mg/Kg | 5    | 62.5            | 16.53            | 68   | 75.6 - 117    |

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

| Param    | MSD<br>Result | Units | Dil. | Spike<br>Amount | Matrix<br>Result | Rec. | Rec.<br>Limit | RPD | RPD<br>Limit |
|----------|---------------|-------|------|-----------------|------------------|------|---------------|-----|--------------|
| Chloride | 57.2          | mg/Kg | 5    | 62.5            | 16.53            | 65   | 75.6 - 117    | 3   | 20           |

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

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

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

Report Date: April 26, 2007  
Api #30-025-24823

Work Order: 7042511  
(Yates) Cleary AKC Fed #1

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**Standard (ICV-1)**

QC Batch: 36811

Date Analyzed: 2007-04-26

Analyzed By: ER

| Param    | Flag | Units | ICVs<br>True<br>Conc. | ICVs<br>Found<br>Conc. | ICVs<br>Percent<br>Recovery | Percent<br>Recovery<br>Limits | Date<br>Analyzed |
|----------|------|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Chloride |      | mg/Kg | 12.5                  | 11.9                   | 95                          | 90 - 110                      | 2007-04-26       |

**Standard (CCV-1)**

QC Batch: 36811

Date Analyzed: 2007-04-26

Analyzed By: ER

| Param    | Flag | Units | CCVs<br>True<br>Conc. | CCVs<br>Found<br>Conc. | CCVs<br>Percent<br>Recovery | Percent<br>Recovery<br>Limits | Date<br>Analyzed |
|----------|------|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Chloride |      | mg/Kg | 12.5                  | 12.0                   | 96                          | 90 - 110                      | 2007-04-26       |

## TraceAnalysis, Inc.

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Fax (915) 585-4944  
1 (888) 588-34436015 Harris Pkwy., Suite 110  
Ft. Worth, Texas 76132  
Tel (817) 201-5260

Company Name: New Mexico Environmental Services (505) 441-0403 Phone #: (505) 441-0403

Address: (Street, City, Zip) PO Box 810 Hobbs N.M. 88241 Fax #: (505) 392-3088

Contact Person: [Signature] E-mail: \_\_\_\_\_

Invoice to: \_\_\_\_\_

(If different from above) Project Name: (Yates) Cleary ALC Fed #1

Project #: Ac# 30-025-24823

Project Location (including state): Dec. 17, 1985, R32e 100 Co. N.M. Sample Signature: [Signature]

ANALYSIS REQUEST  
(Circle or Specify Method No.)

| LAB #<br>LAB USE ONLY | FIELD CODE          | # CONTAINERS | Volume / Amount | MATRIX |      |     |        | PRESERVATIVE METHOD |                  |                                |      | SAMPLING |      | MTBE 8021B / 6025<br>BTX 8021B / 6025<br>TPH 418.1 / TX100<br>TPH 801B GRO / E<br>PAH 8270C / 625<br>Total Metals Ag As Ba<br>TCLP Metals Ag As<br>TCLP Volatiles<br>TCLP Semi Volatile<br>TCLP Pesticides<br>RCI<br>GCMS Vol. 8280B<br>GCMS Semi. Vol.<br>PCB's 8082 / 608<br>Pesticides 8081A<br>BOD, TSS, pH<br>Moisture Content | Turn Around Time | Hold |      |      |
|-----------------------|---------------------|--------------|-----------------|--------|------|-----|--------|---------------------|------------------|--------------------------------|------|----------|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|------|------|------|
|                       |                     |              |                 | WATER  | SOIL | AIR | SLUDGE | HCl                 | HNO <sub>3</sub> | H <sub>2</sub> SO <sub>4</sub> | NaOH | ICE      | NONE |                                                                                                                                                                                                                                                                                                                                     |                  |      | DATE | TIME |
|                       |                     |              |                 |        |      |     |        |                     |                  |                                |      |          |      |                                                                                                                                                                                                                                                                                                                                     |                  |      |      |      |
| 01                    | #001 N.E. Corner 1' | 1            | 4oz             | X      |      |     |        |                     |                  |                                | X    |          | 4/16 | 8:00                                                                                                                                                                                                                                                                                                                                |                  |      |      |      |
| 02                    | #002 N.W. Corner 1' | {            | {               | X      |      |     |        |                     |                  |                                | X    |          |      | 9:00                                                                                                                                                                                                                                                                                                                                |                  |      |      |      |
| 03                    | #003 Center 1'      |              |                 | X      |      |     |        |                     |                  |                                | X    |          |      | 10:00                                                                                                                                                                                                                                                                                                                               |                  |      |      |      |
| 04                    | #004 S.E. Corner 1' |              |                 | X      |      |     |        |                     |                  |                                | X    |          |      | 11:00                                                                                                                                                                                                                                                                                                                               |                  |      |      |      |
| 05                    | #005 S.W. Corner 1' |              |                 | X      |      |     |        |                     |                  |                                | X    |          |      | 12:00                                                                                                                                                                                                                                                                                                                               |                  |      |      |      |
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|                       |                     |              |                 |        |      |     |        |                     |                  |                                |      |          |      |                                                                                                                                                                                                                                                                                                                                     |                  |      |      |      |
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|                       |                     |              |                 |        |      |     |        |                     |                  |                                |      |          |      |                                                                                                                                                                                                                                                                                                                                     |                  |      |      |      |
|                       |                     |              |                 |        |      |     |        |                     |                  |                                |      |          |      |                                                                                                                                                                                                                                                                                                                                     |                  |      |      |      |
|                       |                     |              |                 |        |      |     |        |                     |                  |                                |      |          |      |                                                                                                                                                                                                                                                                                                                                     |                  |      |      |      |
|                       |                     |              |                 |        |      |     |        |                     |                  |                                |      |          |      |                                                                                                                                                                                                                                                                                                                                     |                  |      |      |      |
|                       |                     |              |                 |        |      |     |        |                     |                  |                                |      |          |      |                                                                                                                                                                                                                                                                                                                                     |                  |      |      |      |
|                       |                     |              |                 |        |      |     |        |                     |                  |                                |      |          |      |                                                                                                                                                                                                                                                                                                                                     |                  |      |      |      |
|                       |                     |              |                 |        |      |     |        |                     |                  |                                |      |          |      |                                                                                                                                                                                                                                                                                                                                     |                  |      |      |      |

Relinquished by: [Signature] Date: 4/25/07 Time: 7:00 AM Received by: [Signature] Date: 4/25/07 Time: 7:00 AM

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Relinquished by: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_ Received by: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

LAB USE ONLY

Initial: [Signature] N

Headspace: [Signature] Y/N

Temp: 40

Log-in/Review: [Signature]

REMARKS:

☐ Dry Weight Basis Required

☐ YRRP Report Required

☐ Check If Special Reporting Limits Are Needed

Submittal of samples constitutes agreement to Terms and Conditions listed on reverse side of C. O. C.

ORIGINAL COPY

Carrier # Camryn

Report Date: May 16, 2007  
Ap: #30-025-24823

Work Order: 7051518  
(Yates) Cleary AKC Fed #1

Page Number: 1 of 2  
Sec. 17.T22s.R32e.Lea Co..NM

## Summary Report

Cris Bushy  
New Mexico Environmental  
P.O. Box 310  
Hobbs, NM, 88241

Report Date: May 16, 2007

Work Order: 7051518



Project Location: Sec. 17.T22s.R32e.Lea Co..NM  
Project Name: (Yates) Cleary AKC Fed #1  
Project Number: Api #30-025-24823

| Sample | Description        | Matrix | Date Taken | Time Taken | Date Received |
|--------|--------------------|--------|------------|------------|---------------|
| 124113 | #002 SE Corner 10' | soil   | 2007-05-10 | 12:00      | 2007-05-15    |
| 124114 | #001 SE Corner 4'  | soil   | 2007-05-10 | 12:30      | 2007-05-15    |
| 124115 | #003 NE Corner 4'  | soil   | 2007-05-10 | 13:00      | 2007-05-15    |
| 124116 | #004 NE Corner 10' | soil   | 2007-05-10 | 13:30      | 2007-05-15    |
| 124117 | #006 NW Corner 10' | soil   | 2007-05-10 | 14:00      | 2007-05-15    |
| 124118 | #005 NW Corner 4'  | soil   | 2007-05-10 | 14:30      | 2007-05-15    |
| 124119 | #008 SW Corner 10' | soil   | 2007-05-10 | 15:00      | 2007-05-15    |
| 124120 | #007 SW Corner 4'  | soil   | 2007-05-10 | 15:30      | 2007-05-15    |

Sample: 124113 - #002 SE Corner 10'

| Param    | Flag | Result | Units | RL   |
|----------|------|--------|-------|------|
| Chloride |      | 914    | mg/Kg | 5.00 |

Sample: 124114 - #001 SE Corner 4'

| Param    | Flag | Result | Units | RL   |
|----------|------|--------|-------|------|
| Chloride |      | 1220   | mg/Kg | 5.00 |

Sample: 124115 - #003 NE Corner 4'

| Param    | Flag | Result | Units | RL   |
|----------|------|--------|-------|------|
| Chloride |      | 629    | mg/Kg | 5.00 |

Sample: 124116 - #004 NE Corner 10'

| Param    | Flag | Result | Units | RL   |
|----------|------|--------|-------|------|
| Chloride |      | 59.0   | mg/Kg | 5.00 |

TraceAnalysis, Inc. • 6701 Aberdeen Ave., Suite 9 • Lubbock, TX 79424-1515 • (806) 794-1296  
This is only a summary. Please refer to the complete report package for quality control data.



Report Date: May 16, 2007  
Api #30-025-24823

Work Order: 705151S  
(Yates) Cleary AKC Fed #1

Page Number: 2 of 2  
Sec. 17, T22s, R32s, Lea Co., NM

Sample: 124117 - #006 NW Corner 10'

| Param    | Flag | Result | Units | RL   |
|----------|------|--------|-------|------|
| Chloride |      | 1120   | mg/Kg | 5.00 |

Sample: 124118 - #005 NW Corner 4'

| Param    | Flag | Result | Units | RL   |
|----------|------|--------|-------|------|
| Chloride |      | 12800  | mg/Kg | 5.00 |

Sample: 124119 - #008 SW Corner 10'

| Param    | Flag | Result | Units | RL   |
|----------|------|--------|-------|------|
| Chloride |      | 1460   | mg/Kg | 5.00 |

Sample: 124120 - #007 SW Corner 4'

| Param    | Flag | Result | Units | RL   |
|----------|------|--------|-------|------|
| Chloride |      | 2030   | mg/Kg | 5.00 |

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*This is only a summary. Please refer to the complete report package for quality control data.*

# TraceAnalysis, Inc.

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Fax (915) 585-4944  
1 (800) 588-3443

6015 Harris Pkwy., Suite 110  
Ft. Worth, Texas 76132  
Tel (817) 231-5250

|                                                                           |  |  |                                          |  |  |
|---------------------------------------------------------------------------|--|--|------------------------------------------|--|--|
| Company Name: <b>New Mexico Environmental</b>                             |  |  | Phone #: <b>(505) 922-3085</b>           |  |  |
| Address: (Street, City, Zip) <b>PO Box 370 Hobbs N.M. 88241</b>           |  |  | Fax #: <b>(505) 922-3085</b>             |  |  |
| Contact Person: <b>Cris Rudy</b>                                          |  |  | E-mail: <b></b>                          |  |  |
| Invoice to: <b>New Mexico Environmental</b>                               |  |  | Project Name: <b>Yates Clean Acre #1</b> |  |  |
| Project #: <b>AP # 30-025-21823</b>                                       |  |  | Sampler Signature: <b>Cris Rudy</b>      |  |  |
| Project Location (including state): <b>Sec 17, T22S, R32E Lea Co N.M.</b> |  |  |                                          |  |  |

| LAB #  | FIELD CODE           | # CONTAINERS | Volume / Amount | MATRIX |      |     |        | PRESERVATIVE METHOD |                  |                                |      |     | SAMPLING |  | DATE    | TIME  | MTBE 30215 / 602 / 8260B / 824 | BTX 30218 / 802 / 8260B / 824 | TPH 418.1 / TX1005 / TX1005 Ext(C3B) | TPH 8015 GRO / DRO / TVHC | PAH 3270C / 635 | Total Metals Ag As Ba Ca Cr Pb Se Hg 60108/200.7 | ICL P Metals Ag As Ba Cd C; Pb Se Hg | TCUP Volatiles | TCUP Semi Volatiles | TCUP Pesticides | RCI | GC/MS Vol. 8260B / 824 | GC/MS Semi. Vol. 8270C / 825 | PCB's 3082 / 608 | Pesticides 3081A / 608 | BOD, TSS, pH | Moisture Content | Turn Around Time if different from standard | Hold |  |
|--------|----------------------|--------------|-----------------|--------|------|-----|--------|---------------------|------------------|--------------------------------|------|-----|----------|--|---------|-------|--------------------------------|-------------------------------|--------------------------------------|---------------------------|-----------------|--------------------------------------------------|--------------------------------------|----------------|---------------------|-----------------|-----|------------------------|------------------------------|------------------|------------------------|--------------|------------------|---------------------------------------------|------|--|
|        |                      |              |                 | WATER  | SOIL | AIR | SLUDGE | HCl                 | HNO <sub>3</sub> | H <sub>2</sub> SO <sub>4</sub> | NaOH | ICE | NONE     |  |         |       |                                |                               |                                      |                           |                 |                                                  |                                      |                |                     |                 |     |                        |                              |                  |                        |              |                  |                                             |      |  |
| 149713 | #001 SE corner 4'    | 1            | 400             | X      |      |     |        |                     |                  |                                |      |     |          |  | 5/10/07 | 12:00 |                                |                               |                                      |                           |                 |                                                  |                                      |                |                     |                 |     |                        |                              |                  |                        |              |                  |                                             |      |  |
| 149714 | #002 S.E. corner 10' | 1            |                 | X      |      |     |        |                     |                  |                                |      |     |          |  |         | 12:30 |                                |                               |                                      |                           |                 |                                                  |                                      |                |                     |                 |     |                        |                              |                  |                        |              |                  |                                             |      |  |
| 149715 | #003 NE corner 4'    | 1            |                 | X      |      |     |        |                     |                  |                                |      |     |          |  |         | 1:00  |                                |                               |                                      |                           |                 |                                                  |                                      |                |                     |                 |     |                        |                              |                  |                        |              |                  |                                             |      |  |
| 149716 | #004 NE corner 10'   | 1            |                 | X      |      |     |        |                     |                  |                                |      |     |          |  |         | 1:30  |                                |                               |                                      |                           |                 |                                                  |                                      |                |                     |                 |     |                        |                              |                  |                        |              |                  |                                             |      |  |
| 149717 | #005 NW corner 4'    | 1            |                 | X      |      |     |        |                     |                  |                                |      |     |          |  |         | 2:00  |                                |                               |                                      |                           |                 |                                                  |                                      |                |                     |                 |     |                        |                              |                  |                        |              |                  |                                             |      |  |
| 149718 | #006 NW corner 10'   | 1            |                 | X      |      |     |        |                     |                  |                                |      |     |          |  |         | 2:30  |                                |                               |                                      |                           |                 |                                                  |                                      |                |                     |                 |     |                        |                              |                  |                        |              |                  |                                             |      |  |
| 149719 | #007 S.W. corner 4'  | 1            |                 | X      |      |     |        |                     |                  |                                |      |     |          |  |         | 3:00  |                                |                               |                                      |                           |                 |                                                  |                                      |                |                     |                 |     |                        |                              |                  |                        |              |                  |                                             |      |  |
| 149720 | #008 S.W. corner 10' | 1            |                 | X      |      |     |        |                     |                  |                                |      |     |          |  |         | 3:30  |                                |                               |                                      |                           |                 |                                                  |                                      |                |                     |                 |     |                        |                              |                  |                        |              |                  |                                             |      |  |

|                                     |                      |                      |                                 |                      |                      |
|-------------------------------------|----------------------|----------------------|---------------------------------|----------------------|----------------------|
| Relinquished by: <b>Cris Rudy</b>   | Date: <b>5/15/07</b> | Time: <b>7:00 AM</b> | Received by: <b>[Signature]</b> | Date: <b>5/15/07</b> | Time: <b>7:00 AM</b> |
| Relinquished by: <b>[Signature]</b> | Date: <b>5/15/07</b> | Time: <b>3:40 PM</b> | Received by: <b>[Signature]</b> | Date: <b>5/15/07</b> | Time: <b>3:40 PM</b> |
| Relinquished by: <b>[Signature]</b> | Date: <b>5/15/07</b> | Time: <b>3:40 PM</b> | Received by: <b>[Signature]</b> | Date: <b>5/15/07</b> | Time: <b>3:40 PM</b> |

|               |     |                                                                                                                                                                              |
|---------------|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| LAB USE ONLY  |     | REMARKS:                                                                                                                                                                     |
| File #        | YIN |                                                                                                                                                                              |
| Headspace     | YIN |                                                                                                                                                                              |
| Temp          | 20C |                                                                                                                                                                              |
| Log in Review | YIN | <input type="checkbox"/> Dry Weight Basis Required<br><input type="checkbox"/> IRRP Report Required<br><input type="checkbox"/> Check if Special Reporting Limits Are Needed |

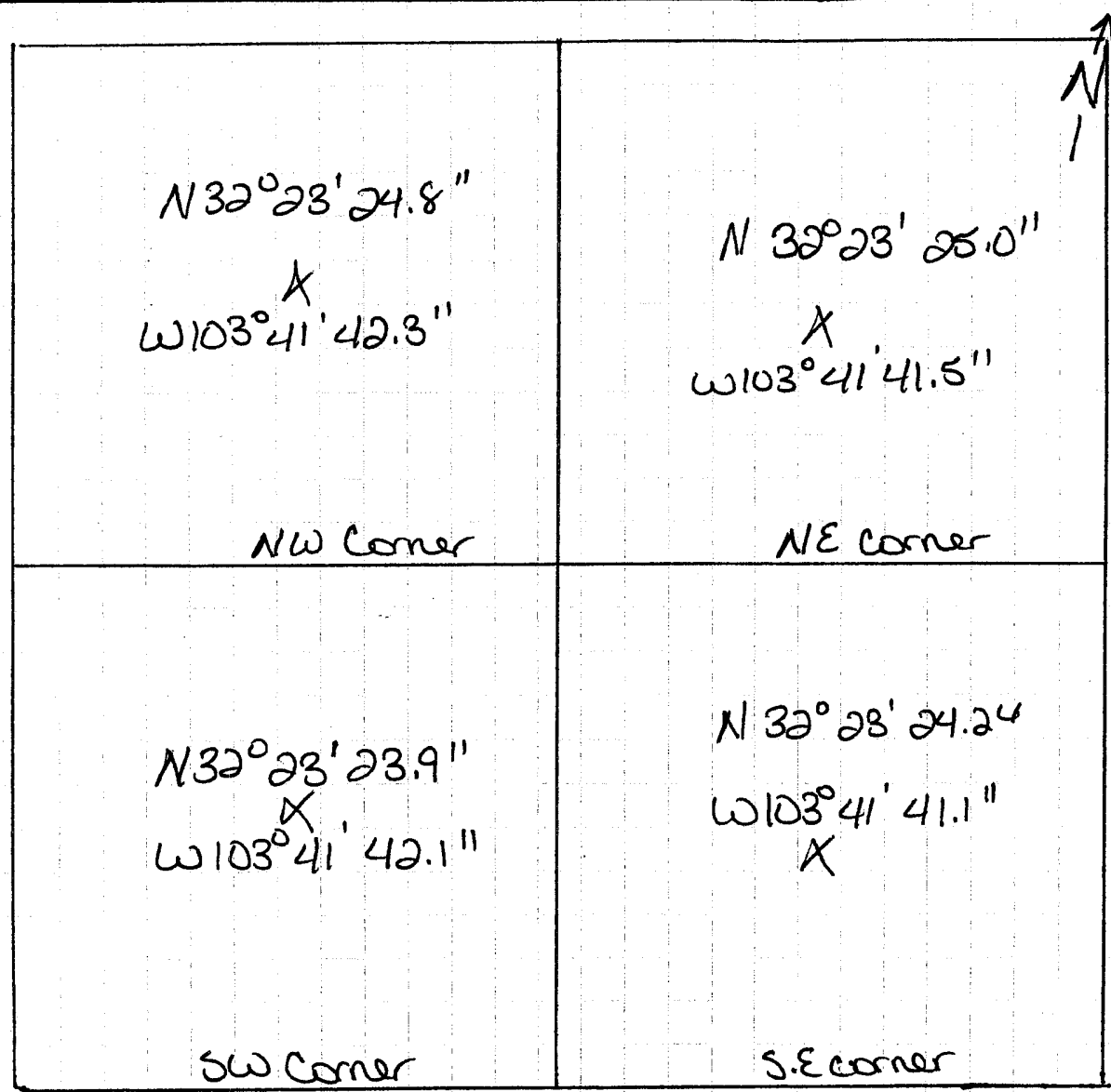
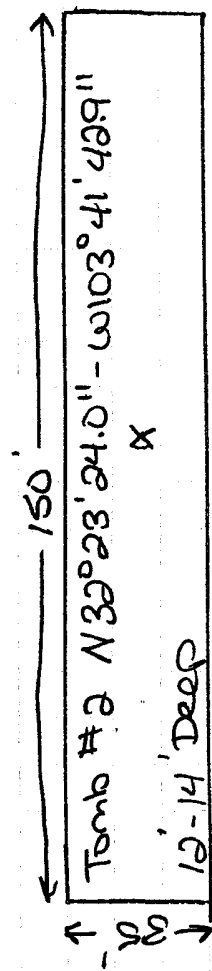
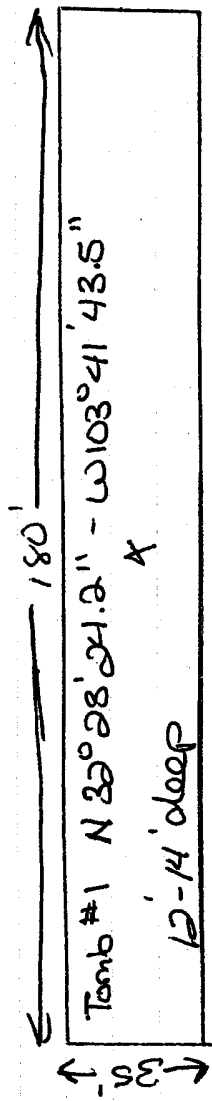
05/17/2007 THU 19:28 [TX/RX NO 7218] 004

05/18/2007 08:35 8067941298

## TRACE ANALYSIS

PAGE 04

Lease Road



Lease Road