# FREMONT ENVIRONMENTAL INC.

June 26, 2013

Mr. Jacob Evans
Noble Energy
1625 Broadway, Suite 2000
Denver, CO 80202

Subject: **Draft Excavation Report**
Libsack R G27-15
SWSE Sec 27, T4N, R65W
API # 05-123-13256
Weld County, Colorado
Facility ID# 323601
Fremont Project No. C013-009

Dear Mr. Evans:

Enclosed please find a copy of the above referenced Draft Excavation Report for the Libsack R G27-15 facility in Weld County, Colorado. The enclosed report describes excavation actions to remove impacted soil from the site. Please contact me at (303) 956-8714 if you require any additional information.

Fremont appreciates the opportunity to provide this service.

Sincerely,
**FREMONT ENVIRONMENTAL INC.**

Paul V. Henehan, P.E.
Senior Consultant

Enclosure

12061 PENNSYLVANIA STREET, SUITE B-101, THORNTON, CO 80241
(303) 956-8714 (DIRECT), (303) 920-3520 (FAX)

# DRAFT EXCAVATION REPORT

**NOBLE ENERGY INC.**

**LIBSACK R G27-15**

**WELD COUNTY, COLORADO**

**FREMONT PROJECT NO. C013-009**

**FACILITY ID #323601**

**Prepared by:**

**Fremont Environmental Inc.**
**12061 Pennsylvania Street, Suite B-101**
**Thornton, CO 80241**
**(303) 956-8714**

**June 26, 2013**

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# DRAFT EXCAVATION REPORT

**NOBLE ENERGY INC.**

**LIBSACK R G27-15**

**WELD COUNTY, COLORADO**

**FREMONT PROJECT NO. C013-009**

**FACILITY ID #323601**

## 1.0 INTRODUCTION

The purpose of this document is to present information collected during the excavation of petroleum-impacted soil at the Libsack R G27-15 location in Weld County, Colorado. This work was completed between May 21 and June 4, 2013.

## 2.0 BACKGROUND INFORMATION

### 2.1 Site Location

The Hartman #1 facility is located approximately 7 miles east of Gilcrest, Colorado in Weld County as shown on Figure 1. The site includes one storage tank as well as separation and metering equipment.

The facility is located in an agricultural area 0.2 miles west of County Road 45 and 0.1 miles north of County Road 40. The location is further described as the SW ¼ of the SE ¼ of section 27, township 4N, range 65W. A Site Map is included as Figure 2.

### 2.2 Site History

The site is a natural gas production and oil storage facility for the Libsack R G27-15 natural gas well. This well was drilled in 1986 to a depth of approximately 7,225 feet. Surface impacts were recently identified at the facility during routine operations when stained soil was observed at the flow line near the separator.

## 3.0 FIELD ACTIVITIES

Remediation efforts consisted of excavation of the petroleum-impacted soil at the facility. Prior to commencement of the excavation, the separator, VOC burners and piping were removed from the location. Ground water was encountered in this excavation at a depth of approximately 4 feet. The soil consisted of topsoil which was underlain by sand to a depth of at least 6 feet. The excavated area is shown on Figure 2.

A total of 1,860 yards of soil were removed from the location over a 10 day period. The impacted soil was disposed of at Waste Management Inc.'s Buffalo Ridge landfill in Keenesburg, Colorado as non-hazardous waste.

A photoionization detector (PID) was used to field screen soil samples during the excavation. The instrument was calibrated with a 100 ppm isobutylene standard. Based on the field screening results, 21 soil samples were collected and sent to the laboratory from the side walls of the excavation to confirm that impacted soil had been removed.

The locations of the confirmation soil samples are shown on Figure 2. The side wall samples were collected as grab samples near the middle or bottom portion of the excavation wall at a depth of approximately three to four feet. Floor samples were not collected since ground water was present in the excavation at a depth of approximately four feet.

The soil samples were analyzed by eAnalytics Laboratory, Inc. of Loveland, Colorado for benzene, toluene, ethylbenzene and xylenes (BTEX), naphthalene, Total Petroleum Hydrocarbons – Gasoline Range Organics (TPH-GRO) by EPA method 8260C, and TPH – Diesel Range Organics (TPH-DRO) by EPA method 8015. The laboratory reports and chain-of-custody documentation are included in Appendix A.

A summary of the laboratory data is included in Table 1. This table shows the PID value and laboratory analyses for each soil sample. In addition, a column stating whether the laboratory analyses passed or failed the COGCC limits is provided. The laboratory analyses indicated that all of the 21 soil samples collected achieved the Colorado Oil and Gas Conservation Commission (COGCC) Table 910-1 limits.

All of the soil samples had an overnight turnaround time from the laboratory. Therefore, if the analysis from a sample indicated that it did not pass the COGCC criteria, additional excavation could be undertaken the following day (or days) prior to the backfilling of an area. For this excavation project, all the sidewall samples passed during the first attempt, therefore, further excavation in any specific area was not required.

Gypsum was placed at the water table during backfilling to promote biodegradation of any residual petroleum in the soil and ground water. Gypsum, which is also known as hydrated calcium sulfate, releases sulfate into the ground water which can enhance anaerobic biodegradation of petroleum constituents. Above the gypsum layer, the excavation was backfilled with clean soil and compacted. The surface equipment and piping was re-installed after backfilling was completed.

A daily summary of the excavation work is provided below:

**May 21, 2013 (Day 1) –** Excavation of the site was initiated at the point of release to the southwest of the separator. The excavation continued to the west and south following the impacted soil. Staining of the soil was present to a depth of approximately five feet. The soil lithology consisted of topsoil to a depth of approximately one foot; the topsoil was underlain by a coarse sand unit.

Ground water was encountered in the sand formation at a depth of four feet. This wet, loose sand had difficulty maintaining a wall during excavation; therefore, sloughing of the sidewall was an ongoing problem.

Two sidewall samples (1-4′ and 2-3′) were collected and submitted to the laboratory for analyses. The locations of the soil samples are illustrated on Figure 2. The PID values and laboratory analyses are provided on Table 1. Approximately 250 cubic yards of impacted soil were removed and transported to the landfill.

**May 23, 2013 (Day 2) –** Excavation started towards the south between soil sample locations 1-4′ and 2-3′ until impacted soils were no longer observed. Additional excavation was conducted to the south of the flow line further west until impacted soil was completely removed. Removal of impacted soil continued on the north side of the flow line.

Three sidewall samples (3-4′, 4-3′ and 5-4′) were collected and submitted to the laboratory. Approximately 200 cubic yards of impacted soil were removed and transported to the landfill. The locations of the soil samples are illustrated on Figure 2. The PID values and laboratory analyses are provided on Table 1.

**May 24, 2013 (Day 3) –** Prior to excavation, the fence, VOC burners and separator were removed to allow soil removal in those areas. Excavation continued to the northeast until the flow line for the Libsack 27-10 flow line was encountered. Soil removal continued to the northeast on the north side of the flow line. Four sidewall samples (6-4′, 7-3′, 8-4′ and 9-3′) were collected and submitted to the laboratory. Approximately 690 yards were removed and transported to the landfill.

**May 25, 2013 (Day 4)** - The excavation moved towards the east and followed the northern edge to sample points 10-4′ and 11-4′. A significant portion of the day was spent discovering dump and flow lines around and under the separator area.

Two sidewall samples (10-4′ and 11-4′) were collected and submitted to the laboratory. Approximately 180 yards of impacted soil were removed and transported to the landfill.

**May 28, 2013 (Day 5) –** Over the weekend, the land owner irrigated this portion of the field; therefore, the northern edge of the excavation is extremely wet and saturated. As a result, further excavation was undertaken to the south in the center of the site to allow the northern end to dry out. No sidewall samples were collected since the sidewalls in this area continued to exhibit elevated PID levels. Approximately 210 yards were removed and transported to the land fill.

**May 29, 2013 (Day 6) –**Heavy rain during the late morning limited the amount of soil removal. As a result, the excavation work was stopped for the day. During the morning, approximately 110 yards of impacted soil were excavated and transported to the land fill. No soil samples were collected due to the presence of elevated PID levels in this area.

**May 30, 2013 (Day 7) –** The site is moist and slick in areas but workable. Excavation continued on the southern end of the excavation just east of soil sample 1-4′. Soil removal continued east with a clean sidewall on the south side.

Two sidewall samples (12-4′ and 13-3′) were collected and submitted to the laboratory. The locations of the soil samples are illustrated on Figure 2. The PID values and

laboratory analyses are provided on Table 1. Approximately 240 yards were removed and transported to the landfill.

**May 31, 2013 (Day 8) –**Soil removal continued to the east on the southern edge of the excavation to sample point 14-3′ and back towards the center of excavation. Soil removal to the east was stopped just west of the DCP sales pipeline. One sidewall sample (14-3′) was collected and submitted to the laboratory. Approximately 160 yards were removed and transported to the landfill.

**June 3, 2013 (Day 9) –** Soil removal commenced on the northern portion of the site after this area had an opportunity to dry out. Excavation continued to the east until the impacted soil was gone. At that point the excavation turned to the south. This area established the northeastern corner of the overall excavation.

Three sidewall samples (15-4′, 16-4′ and 17-4′) were collected and submitted to the laboratory. The locations of the soil samples are illustrated on Figure 2. The PID values and laboratory analyses are provided on Table 1. Approximately 180 yards of impacted soil were removed and transported to the landfill.

**June 4, 2013 (Day 10) Final Day –** The line locator from Noble arrived to refresh the surface markings of the flow line to well 27-15 for excavation and replacement of this line to the well head. Removal of impacted soil continued on the eastern edge of the excavation with soil samples collected as work progressed to the south. The excavation tied into the soil removal work completed on Day 8 adjacent to the DCP sales pipeline.

Four sidewall samples (18-4′, 19-4′, 20-3′ and 21-3′) were collected and submitted to the laboratory. Approximately 90 yards of impacted soil were removed and transported to the landfill.

## 4.0 DISCUSSION

As demonstrated by the confirmation sampling, the impacted soil was removed from the site by excavation. This was confirmed by the analyses of the soil samples collected from the excavation sidewalls which were below the COGCC Table 910-1 concentrations. No additional remediation work is anticipated at this location. However, since ground water was impacted, monitoring wells will be installed at the site to determine if ground water impacts are present.

## 5.0 REMARKS

The discussion and conclusions contained in this report represent our professional opinions. These opinions are based on currently available information and are arrived at in accordance with currently accepted hydrogeologic and engineering practices at this time and location. Other than this, no warranty is implied or intended.

This report was prepared by **FREMONT ENVIRONMENTAL INC.**

6/26/13

_____ Date_____

Wayne Austin
Construction Consultant
Reviewed by:

6/26/13

_____ Date_____

Paul V. Henehan, P.E.
Senior Consultant

**TABLE**

**TABLE 1**

**SUMMARY OF SOIL CHEMISTRY DATA**

**NOBLE ENERGY INC.**

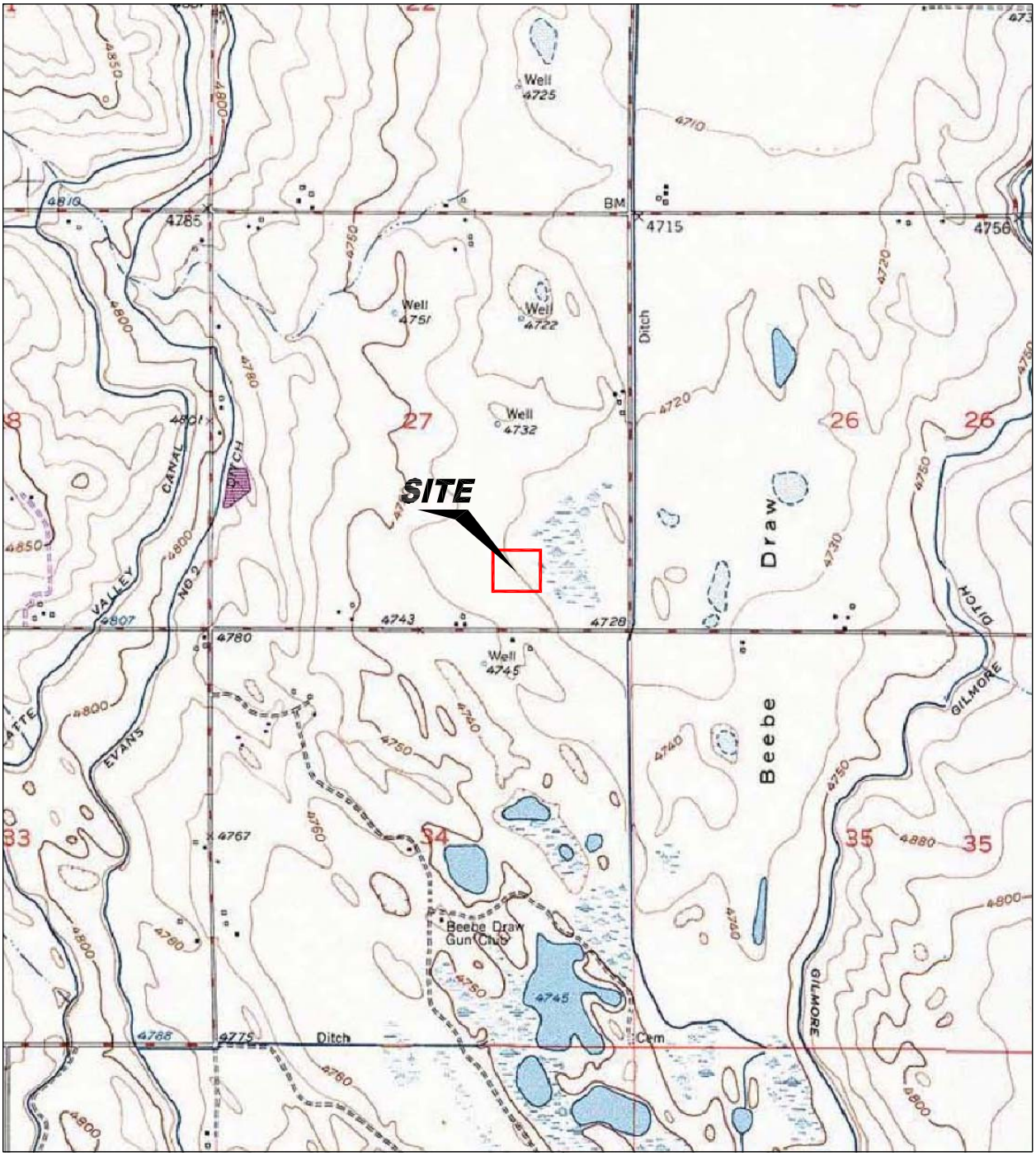
**LIBSACK R G27-15, WELD COUNTY, COLORADO**

**FREMONT PROJECT NO. C013-009**

| Sample | Depth (ft) | Date Sampled | Location | Pass or Fail | PID (ppm) | Benzene mg/kg | Toluene mg/kg | Ethyl-Benzene mg/kg | Xylenes mg/kg | Naphth-alene mg/kg | TPH GRO mg/kg | TPH DRO mg/kg |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| #1-4 | 4 | 5/21/2013 | Sidewall | Pass | 24 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <50 | <50 |
| #2-4 | 4 | 5/21/2013 | Sidewall | Pass | 7 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <50 | <50 |
| #3-4 | 4 | 5/22/2013 | Sidewall | Pass | 17 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <50 | <50 |
| #4-3 | 3 | 5/22/2013 | Sidewall | Pass | 43 | 0.011 | <0.01 | <0.01 | <0.01 | <0.01 | <50 | <50 |
| #5-4 | 4 | 5/22/2013 | Sidewall | Pass | 39 | 0.011 | <0.01 | <0.01 | 0.023 | <0.01 | <50 | <50 |
| #6-4 | 4 | 5/23/2013 | Sidewall | Pass | 0 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <50 | <50 |
| #7-3 | 3 | 5/23/2013 | Sidewall | Pass | 2 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <50 | <50 |
| #8-4 | 4 | 5/23/2013 | Sidewall | Pass | 49 | 0.021 | <0.01 | <0.01 | <0.01 | <0.01 | <50 | <50 |
| #9-3 | 3 | 5/23/2013 | Sidewall | Pass | 5 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <50 | <50 |
| #10-4 | 4 | 5/24/2013 | Sidewall | Pass | 25 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <50 | <50 |
| #11-4 | 4 | 5/24/2013 | Sidewall | Pass | 1 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <50 | <50 |
| #12-4 | 4 | 5/30/2013 | Sidewall | Pass | 35 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <50 | <50 |
| #13-3 | 3 | 5/30/2013 | Sidewall | Pass | 83 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <50 | <50 |
| #14-4 | 4 | 5/31/2013 | Sidewall | Pass | 67 | 0.04 | 0.026 | <0.01 | 0.073 | <0.01 | <50 | <50 |
| #15-4 | 4 | 6/3/2013 | Sidewall | Pass | 0 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <50 | <50 |
| #16-4 | 4 | 6/3/2013 | Sidewall | Pass | 10 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <50 | <50 |
| #17-4 | 4 | 6/3/2013 | Sidewall | Pass | 25 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <50 | <50 |
| #18-4 | 4 | 6/4/2013 | Sidewall | Pass | 55 | 0.049 | <0.01 | <0.01 | <0.01 | <0.01 | <50 | <50 |
| #19-4 | 4 | 6/4/2013 | Sidewall | Pass | 0 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <50 | <50 |
| #20-3 | 3 | 6/4/2013 | Sidewall | Pass | 0 | 0.018 | <0.01 | <0.01 | <0.01 | <0.01 | <50 | <50 |
| #21-3 | 3 | 6/4/2013 | Sidewall | Pass | 0 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <50 | <50 |
| COGCC Table 910 Limits | | | | | | 0.17 | 85 | 100 | 175 | 23 | 500 | 500 |

Bold faced values exceed the COGCC Table 910-1 concentrations

# FIGURES




N

Scale (miles)
0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1
0 1000 2000 3000 4000 5000
Scale (feet)

USGS 7.5 MINUTE SERIES (TOPOGRAPHIC)

Figure 1
**SITE LOCATION MAP**

**Noble Lipsack R G27-15**
SW SE Section 27, T4N, R65W
Weld County, Colorado

| Project No. | Prepared by | Drawn by | |
|---|---|---|---|
| C013-009 | | JMA | FREMONT ENVIRONMENTAL |
| Date | Reviewed by | Filename | |
| 5/21/13 | | 13009T | |


LEGEND

- PIPELINE
- FENCE LINE
- ABOVE GROUND STORAGE TANK
- SOIL SAMPLE LOCATION

Figure 2

**AREA OF EXCAVATION**

**Noble Libsack R G27-15**
SW SE Section 27, T4N, R65W
Weld County, Colorado

| Project No. | Prepared by | Drawn by |
|---|---|---|
| C013-009 | | JMA |
| Date | Reviewed by | Filename |
| 6/18/13 | | 13009Q |

FREMONT ENVIRONMENTAL

# APPENDIX A

# LABORATORY DOCUMENTATION

# Certificate of Analysis

eANALYTICS LABORATORY

**May 22, 2013**

Client: Fremont Environmental
PO Box 1289
Wellington CO 80549

Project: Lipsack RG 27-15

Lab ID: 052102

Date Received: 05/21/13

Number of Samples Received: 2

Sample Condition: Samples arrived intact and in appropriate sample containers

Sample Temperature: Within acceptable range of 2-6° C, or as specified in EPA Method

| Analysis | EPA Method | Lab ID on COC |
|---|---|---|
| BTEX / Nap | 8260C | 1 - 2 |
| TPH - GRO/DRO | 8260C/8015C | 1 - 2 |

All quality control analyses associated with the requested analyses were satisfactorily passed before the samples were run. If you have any questions please give us a call, we are happy to help.

Thank you for allowing eAnalytics Laboratory to provide laboratory services for you, we truly appreciate your business.

Sincerely,

Christopher Dieken
Quality Assurance Manager
eAnalytics Laboratory
(970) 667-6975
info@eAnalyticsLab.com

A2LA ACCREDITED

**A2LA & Department of Defense (DoD) Certified**

# Certificate of Analysis

**Chain of Custody** | **May 22, 2013**

eANALYTICS LABORATORY

Chain of Custody Form

eANALYTICS LABORATORY

1767 Rocky Mountain Avenue Loveland CO 80538 | Phone: (970) 667-6975 | Fax: (970) 669-0941 | www.eAnalyticsLab.com

**CLIENT INFORMATION**
(*New Clients please fill out completely)

Company: FREEMONT ENV
Project: LUBBOCK RG 27-15 C013-009
Project Manager: PAUL HEMEHAN
Sampler: WAYNE A
Phone/Email:
Address:

**ANALYSIS INFORMATION**
(Select analysis by checking box on corresponding sample line)

| Lab ID | Sample Name | Sampling Date/Time | Number of Containers | Matrix (S) Soil (W) Water (V) Vapor (O) Other | BTEX / TVPH / MTBE (EPA 8260) | TEPH (EPA 8015) | Vapor BTEX / TVPH (EPA TO-14) | Full VOC (EPA 8260) | Semi-Volatiles 8270 / PAH | TRPH / Oil & Grease | RCRA 8 Metals (Total / TCLP / Dissolved) | React / Ignit. / Corrosivity / Paint Filter | pH / TSS / TDS | Metals (Specify) | PCBs | Anions (Specify) | Other Analysis: BTEX | GRO / DRO | Vapor Intrusion |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1-4' | 5/21 AM/PM | 1 | S | | | | | | | | | | | | | X | X | X |
| | 2-3' | 5/21 AM/PM | 1 | S | | | | | | | | | | | | | X | X | X |
| | | AM/PM | | | | | | | | | | | | | | | | | |
| | | AM/PM | | | | | | | | | | | | | | | | | |
| | | AM/PM | | | | | | | | | | | | | | | | | |
| | | AM/PM | | | | | | | | | | | | | | | | | |
| | | AM/PM | | | | | | | | | | | | | | | | | |
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| | | AM/PM | | | | | | | | | | | | | | | | | |
| | | AM/PM | | | | | | | | | | | | | | | | | |
| | | AM/PM | | | | | | | | | | | | | | | | | |
| | | AM/PM | | | | | | | | | | | | | | | | | |

Comments:

**Turnaround Time (Business Days)**
TAT begins when sample is received by eANALYTICS

RUSH
- ○ Normal (5-10 Days)
- ○ 3 Day (1.25x)
- ○ 2 Day (1.5x)
- ○ 1 Day (2x)
- ○ Same Day (3x)

Rush analysis requires an extra charge. If possible please inform eANALYTICS in advance for rush analysis.

**Colorado OPS Project :** Yes / No

**For eANALYTICS Use**

Samples Received Intact: Yes / No
Received Within Temperature Range (2-6°C): Yes / No
Sample Preservative: Ice / None / Acid / Other

**Record of Custody**

| | | |
|---|---|---|
| Relinquished by: | WAYNE A | Date 5/21/13 |
| Company: | FREEMONT ENV | Time 17:00 AM/PM |
| Received by: | | Date |
| Company: | | Time AM/PM |
| Relinquished by: | | Date |
| Company: | | Time AM/PM |
| Received by: | | Date 5-21-13 |
| Company: | eANALYTICS | Time 17:00 AM/PM |

WO # 052102 eANALYTICS: Environmental testing made Easy Page 1 of 1

# Certificate of Analysis

**Sample Analysis** — **May 22, 2013**

eANALYTICS LABORATORY

Client: Fremont Environmental
PO Box 1289
Wellington CO 80549

Project: Lipsack RG 27-15

Lab ID: 052102

Matrix: SOIL
Batch ID: EA 05-22-13

EPA Method: 8260C BTEX / Nap
8260C/8015C TPH - GRO/DRO

| Sample Name | Benzene mg/kg | Toluene mg/kg | Ethyl-Benzene mg/kg | Total Xylenes mg/kg | Naph-thalene mg/kg | GRO $C_6$-$C_{10}$ mg/kg | DRO $C_{10}$-$C_{28}$ mg/kg | Date Sampled | Date Analyzed | Lab ID |
|---|---|---|---|---|---|---|---|---|---|---|
| 1-4' | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 50 | < 50 | 05/21/13 | 05/22/13 | 052102-01 |
| 2-3' | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 50 | < 50 | 05/21/13 | 05/22/13 | 052102-02 |

Todd Rhea

Laboratory Manager - eAnalytics Laboratory

# Certificate of Analysis

**Surrogate Recoveries (%)**

eANALYTICS LABORATORY

**May 22, 2013**

Client: Fremont Environmental
PO Box 1289
Wellington CO 80549

Project: Lipsack RG 27-15

Lab ID: 052102

EPA Method: 8260C

| Sample Name | Dibromofluoromethane (70-130%) | 1,2-Dichloroethane-D4 (70-130%) | Toluene-D8 (70-130%) | Bromofluorobenzene (70-130%) | Date Sampled | Date Analyzed | Lab ID |
|---|---|---|---|---|---|---|---|
| 1-4' | 103 | 98 | 103 | 100 | 05/21/13 | 05/22/13 | 052102-01 |
| 2-3' | 92 | 96 | 95 | 100 | 05/21/13 | 05/22/13 | 052102-02 |

Todd Rhea

Laboratory Manager - eAnalytics Laboratory

# Certificate of Analysis

**Quality Control Analysis**

eANALYTICS LABORATORY

**May 22, 2013**

Client: Fremont Environmental
PO Box 1289
Wellington CO 80549

Project: Lipsack RG 27-15

Lab ID: 052102

Matrix: SOIL
Batch ID: EA 05-22-13

EPA Method: 8260C BTEX / Nap
8260C/8015C TPH - GRO/DRO

| Sample Name | Benzene | Toluene | Ethyl-Benzene | Total Xylenes | Naph-thalene | GRO $C_6$-$C_{10}$ | DRO $C_{10}$-$C_{28}$ | | Date Analyzed | Lab ID |
|---|---|---|---|---|---|---|---|---|---|---|
| | % Rec | % Rec | % Rec | % Rec | % Rec | % Rec | % Rec | | | |
| LCS | 95 | 91 | 99 | 103 | 100 | 97 | 92 | | 05/22/13 | L 05/22/13 |
| (70-130%) | | | | | | | | | | |
| CCV | 93 | 90 | 102 | 100 | 94 | 90 | 97 | | 05/22/13 | C 05/22/13 |
| (80-120%) | | | | | | | | | | |
| Reagent Blank | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 50 | < 50 | | 05/22/13 | RB 05/22/13 |
| | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | | | |

Todd Rhea

Laboratory Manager - eAnalytics Laboratory

# Certificate of Analysis

eANALYTICS LABORATORY

**May 23, 2013**

Client: Fremont Environmental
PO Box 1289
Wellington CO 80549

Project: Lipsack RG 27-15

Lab ID: 052205

Date Received: 05/22/13

Number of Samples Received: 3

Sample Condition: Samples arrived intact and in appropriate sample containers

Sample Temperature: Within acceptable range of 2-6° C, or as specified in EPA Method

| Analysis | EPA Method | Lab ID on COC |
|---|---|---|
| BTEX / Nap | 8260C | 1 - 3 |
| TPH - GRO/DRO | 8260C/8015C | 1 - 3 |

All quality control analyses associated with the requested analyses were satisfactorily passed before the samples were run. If you have any questions please give us a call, we are happy to help.

Thank you for allowing eAnalytics Laboratory to provide laboratory services for you, we truly appreciate your business.

Sincerely,

Christopher Dieken
Quality Assurance Manager
eAnalytics Laboratory
(970) 667-6975
info@eAnalyticsLab.com

A2LA ACCREDITED

**A2LA & Department of Defense (DoD) Certified**

# Certificate of Analysis

**Chain of Custody** | eANALYTICS LABORATORY | **May 23, 2013**

Chain of Custody Form

eANALYTICS LABORATORY

1767 Rocky Mountain Avenue Loveland CO 80538 | Phone: (970) 667-6975 | Fax: (970) 669-0941 | www.eAnalyticsLab.com

**CLIENT INFORMATION**
(*New Clients please fill out completely)

Company: FRIENDLY ENI
Project: LIPOSCIC RG 27-15
Project Manager: PAUL H
Sampler: WAYNE A
Phone/Email:
Address:

**ANALYSIS INFORMATION**
(Select analysis by checking box on corresponding sample line)

| Lab ID | Sample Name | Sampling Date/Time | Number of Containers | Matrix (S) Soil (W) Water (V) Vapor (O) Other | BTEX / TVPH / MTBE (EPA 8260) | TEPH (EPA 8015) | Vapor BTEX / TVPH (EPA TO-14) | Full VOC (EPA 8260) | Semi-Volatiles 8270 / PAH | TRPH / Oil & Grease | RCRA 8 Metals (Total / TCLP / Dissolved) | React. / Ignit. / Corrosivity / Paint Filter | pH / TSS / TDS | Metals (Specify) | PCBs | Anions (Specify) | Other Analysis: BTEX | GRO/DRO | Naphthalene |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 01 | 3-4' | 5/22 AM/PM | 1 | S | | | | | | | | | | | | | X | X | X |
| 02 | 4-3' | " AM/PM | 1 | S | | | | | | | | | | | | | X | X | X |
| 03 | 5-4' | " AM/PM | 1 | S | | | | | | | | | | | | | X | X | X |
| | | AM/PM | | | | | | | | | | | | | | | | | |
| | | AM/PM | | | | | | | | | | | | | | | | | |
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| | | AM/PM | | | | | | | | | | | | | | | | | |
| | | AM/PM | | | | | | | | | | | | | | | | | |

**Comments:**

**Turnaround Time (Business Days)**
TAT begins when sample is received by eANALYTICS
- (X) Normal (5-10 Days)
- ( ) 3 Day (1.25x)
- ( ) 2 Day (1.5x)
- ( ) 1 Day (2x)
- ( ) Same Day (3x)

Rush analysis requires an extra charge. If possible please inform eANALYTICS in advance for rush analysis.

**Colorado OPS Project :** Yes / No

**For eANALYTICS Use**
**Samples Received Intact:** (Yes) / No
**Received Within Temperature Range (2-6°C):** (Yes) / No
**Sample Preservative:** (Ice) None (Acid) Other

**Record of Custody**
Relinquished by: WAYNE AUSTIN Date 5/22
Company: FRIENDLY ENI Time 17:00 AM/PM
Received by: Date
Company: Time AM/PM
Relinquished by: Date
Company: Time AM/PM
Received by: Todd Pherson Date 5/22
Company: eANALYTICS Time 1700 AM/PM

WO # 052205

eANALYTICS: Environmental testing made Easy

Page 1 of 1

# Certificate of Analysis

**Sample Analysis** — **May 23, 2013**

eANALYTICS LABORATORY

Client: Fremont Environmental
PO Box 1289
Wellington CO 80549

Project: Lipsack RG 27-15

Lab ID: 052205

Matrix: SOIL
Batch ID: EA 05-22-13

EPA Method: 8260C BTEX / Nap
8260C/8015C TPH - GRO/DRO

| Sample Name | Benzene mg/kg | Toluene mg/kg | Ethyl-Benzene mg/kg | Total Xylenes mg/kg | Naph-thalene mg/kg | GRO $C_6$-$C_{10}$ mg/kg | DRO $C_{10}$-$C_{28}$ mg/kg | Date Sampled | Date Analyzed | Lab ID |
|---|---|---|---|---|---|---|---|---|---|---|
| 3-4' | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 50 | < 50 | 05/22/13 | 05/22/13 | 052205-01 |
| 4-3' | 0.011 | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 50 | < 50 | 05/22/13 | 05/22/13 | 052205-02 |
| 5-4' | 0.011 | < 0.01 | < 0.01 | 0.023 | < 0.01 | < 50 | < 50 | 05/22/13 | 05/22/13 | 052205-03 |

Todd Rhea

Laboratory Manager - eAnalytics Laboratory

# Certificate of Analysis

**Surrogate Recoveries (%)**

eANALYTICS LABORATORY

**May 23, 2013**

Client: Fremont Environmental
PO Box 1289
Wellington CO 80549

Project: Lipsack RG 27-15

Lab ID: 052205

EPA Method: 8260C

| Sample Name | Dibromofluoromethane (70-130%) | 1,2-Dichloroethane-D4 (70-130%) | Toluene-D8 (70-130%) | Bromofluorobenzene (70-130%) | Date Sampled | Date Analyzed | Lab ID |
|---|---|---|---|---|---|---|---|
| 2-14' | 95 | 96 | 91 | 91 | 05/22/13 | 05/22/13 | 052205-01 |
| 4-3' | 97 | 95 | 94 | 105 | 05/22/13 | 05/22/13 | 052205-02 |
| 5-4' | 94 | 96 | 96 | 97 | 05/22/13 | 05/22/13 | 052205-03 |

Todd Rhea

Laboratory Manager - eAnalytics Laboratory

# Certificate of Analysis

**Quality Control Analysis**

eANALYTICS LABORATORY

**May 23, 2013**

Client: Fremont Environmental
PO Box 1289
Wellington CO 80549

Project: Lipsack RG 27-15

Lab ID: 052205

Matrix: SOIL
Batch ID: EA 05-22-13

EPA Method: 8260C BTEX / Nap
8260C/8015C TPH - GRO/DRO

| Sample Name | Benzene | Toluene | Ethyl-Benzene | Total Xylenes | Naph-thalene | GRO $C_6$-$C_{10}$ | DRO $C_{10}$-$C_{28}$ | | Date Analyzed | Lab ID |
|---|---|---|---|---|---|---|---|---|---|---|
| | % Rec | % Rec | % Rec | % Rec | % Rec | % Rec | % Rec | | | |
| LCS | 99 | 99 | 103 | 97 | 99 | 96 | 98 | | 05/22/13 | L 05/22/13 |
| (70-130%) | | | | | | | | | | |
| CCV | 103 | 98 | 99 | 103 | 99 | 92 | 91 | | 05/22/13 | C 05/22/13 |
| (80-120%) | | | | | | | | | | |
| Reagent Blank | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 50 | < 50 | | 05/22/13 | RB 05/22/13 |
| | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | | | |

Todd Rhea

Laboratory Manager - eAnalytics Laboratory

# Certificate of Analysis

eANALYTICS LABORATORY

**May 24, 2013**

Client: Fremont Environmental
PO Box 1289
Wellington CO 80549

Project: Lipsack RG 27-15

Lab ID: 052302

Date Received: 05/23/13

Number of Samples Received: 4

Sample Condition: Samples arrived intact and in appropriate sample containers

Sample Temperature: Within acceptable range of 2-6° C, or as specified in EPA Method

| Analysis | EPA Method | Lab ID on COC |
|---|---|---|
| BTEX / Nap | 8260C | 1 - 4 |
| TPH - GRO/DRO | 8260C/8015C | 1 - 4 |

All quality control analyses associated with the requested analyses were satisfactorily passed before the samples were run. If you have any questions please give us a call, we are happy to help.

Thank you for allowing eAnalytics Laboratory to provide laboratory services for you, we truly appreciate your business.

Sincerely,

Christopher Dieken
Quality Assurance Manager
eAnalytics Laboratory
(970) 667-6975
info@eAnalyticsLab.com

A2LA ACCREDITED

**A2LA & Department of Defense (DoD) Certified**

# Certificate of Analysis

**Chain of Custody** | **May 24, 2013**

eANALYTICS LABORATORY

Chain of Custody Form

eANALYTICS LABORATORY

1767 Rocky Mountain Avenue Loveland CO 80538 | Phone: (970) 667-6975 | Fax: (970) 669-0941 | www.eAnalyticsLab.com

**CLIENT INFORMATION**
(*New Clients please fill out completely)

Company: FREMONT ENV
Project: LIPSACK RG 27-15
Project Manager: PAUL HENEHAN
Sampler: WAYNE AUSTIN
Phone/Email:
Address:

**ANALYSIS INFORMATION**
(Select analysis by checking box on corresponding sample line)

| Lab ID | Sample Name | Sampling Date/Time | Number of Containers | Matrix (S) Soil (W) Water (V) Vapor (O) Other | BTEX / TVPH / MTBE (EPA 8260) | TEPH (EPA 8015) | Vapor BTEX / TVPH (EPA TO-14) | Full VOC (EPA 8260) | Semi-Volatiles 8270 / PAH | TRPH / Oil & Grease | RCRA 8 Metals (Total / TCLP / Dissolved) | React / Ignit. / Corrosivity / Paint Filter | pH / TSS / TDS | Metals (Specify) | PCBs | Anions (Specify) | Other Analysis: BTEX | GRO DRO | NAPHTHALENE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 01 | G-4 | 5/23 AM/PM | 1 | S | | | | | | | | | | | | | X | X | X |
| 02 | 7-3 | AM/PM | 1 | | | | | | | | | | | | | | X | X | X |
| 03 | 8-4 | " AM/PM | 1 | | | | | | | | | | | | | | X | X | X |
| 04 | 9-3 | " AM/PM | 1 | | | | | | | | | | | | | | X | X | X |
| | | " AM/PM | | | | | | | | | | | | | | | | | |
| | | AM/PM | | | | | | | | | | | | | | | | | |
| | | AM/PM | | | | | | | | | | | | | | | | | |
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| | | AM/PM | | | | | | | | | | | | | | | | | |
| | | AM/PM | | | | | | | | | | | | | | | | | |

**Comments:**

**Turnaround Time (Business Days)**
TAT begins when sample is received by eANALYTICS

- (✓) Normal (5-10 Days)
- ( ) 3 Day (1.25x)
- ( ) 2 Day (1.5x)
- ( ) 1 Day (2x)
- ( ) Same Day (3x)

Rush analysis requires an extra charge. If possible please inform eANALYTICS in advance for rush analysis.

**Colorado OPS Project :** Yes / No

**For eANALYTICS Use**

**Samples Received Intact:** (Yes) / No
**Received Within Temperature Range (2-6°C)** (Yes) / No
**Sample Preservative:** (Ice) None (Acid) Other

**Record of Custody**

Relinquished by: WAYNE AUSTIN — Date 5/23 — Time 17:00 AM/PM
Company: FREMONT ENV.
Received by: — Date — Time
Company:
Relinquished by: — Date — Time
Company:
Received by: eANALYTICS — Date 5/23 — Time 5:00 AM/PM
Company:

WO # 052302

eANALYTICS: Environmental testing made Easy

Page 1 of 1

# Certificate of Analysis

**Sample Analysis** — **May 24, 2013**

eANALYTICS LABORATORY

Client: Fremont Environmental
PO Box 1289
Wellington CO 80549

Project: Lipsack RG 27-15

Lab ID: 052302

Matrix: SOIL
Batch ID: EA 05-23-13

EPA Method: 8260C BTEX / Nap
8260C/8015C TPH - GRO/DRO

| Sample Name | Benzene mg/kg | Toluene mg/kg | Ethyl-Benzene mg/kg | Total Xylenes mg/kg | Naph-thalene mg/kg | GRO $C_6$-$C_{10}$ mg/kg | DRO $C_{10}$-$C_{28}$ mg/kg | Date Sampled | Date Analyzed | Lab ID |
|---|---|---|---|---|---|---|---|---|---|---|
| 6-4 | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 50 | < 50 | 05/23/13 | 05/23/13 | 052302-01 |
| 7-3 | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 50 | < 50 | 05/23/13 | 05/23/13 | 052302-02 |
| 8-4 | 0.021 | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 50 | < 50 | 05/23/13 | 05/23/13 | 052302-03 |
| 9-3 | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 50 | < 50 | 05/23/13 | 05/23/13 | 052302-04 |

Todd Rhea

Laboratory Manager - eAnalytics Laboratory

# Certificate of Analysis

**Surrogate Recoveries (%)**

eANALYTICS LABORATORY

**May 24, 2013**

Client: Fremont Environmental
PO Box 1289
Wellington CO 80549

Project: Lipsack RG 27-15

Lab ID: 052302

EPA Method: 8260C

| Sample Name | Dibromofluoromethane (70-130%) | 1,2-Dichloroethane-D4 (70-130%) | Toluene-D8 (70-130%) | Bromofluorobenzene (70-130%) | Date Sampled | Date Analyzed | Lab ID |
|---|---|---|---|---|---|---|---|
| 6-4 | 95 | 91 | 96 | 101 | 05/23/13 | 05/23/13 | 052302-01 |
| 7-3 | 99 | 96 | 99 | 101 | 05/23/13 | 05/23/13 | 052302-02 |
| 8-4 | 104 | 99 | 94 | 93 | 05/23/13 | 05/23/13 | 052302-03 |
| 9-3 | 96 | 92 | 100 | 95 | 05/23/13 | 05/23/13 | 052302-04 |

Todd Rhea

Laboratory Manager - eAnalytics Laboratory

# Certificate of Analysis

**Quality Control Analysis**

eANALYTICS LABORATORY

**May 24, 2013**

Client: Fremont Environmental
PO Box 1289
Wellington CO 80549

Project: Lipsack RG 27-15

Lab ID: 052302

Matrix: SOIL
Batch ID: EA 05-23-13

EPA Method: 8260C BTEX / Nap
8260C/8015C TPH - GRO/DRO

| Sample Name | Benzene | Toluene | Ethyl-Benzene | Total Xylenes | Naph-thalene | GRO $C_6$-$C_{10}$ | DRO $C_{10}$-$C_{28}$ | | Date Analyzed | Lab ID |
|---|---|---|---|---|---|---|---|---|---|---|
| | % Rec | % Rec | % Rec | % Rec | % Rec | % Rec | % Rec | | | |
| LCS | 99 | 101 | 93 | 95 | 98 | 97 | 93 | | 05/23/13 | L 05/23/13 |
| (70-130%) | | | | | | | | | | |
| CCV | 95 | 96 | 99 | 95 | 96 | 95 | 100 | | 05/23/13 | C 05/23/13 |
| (80-120%) | | | | | | | | | | |
| Reagent Blank | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 50 | < 50 | | 05/23/13 | RB 05/23/13 |
| | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | | | |

Todd Rhea

Laboratory Manager - eAnalytics Laboratory

# Certificate of Analysis

eANALYTICS LABORATORY

**May 30, 2013**

Client: Fremont Environmental
PO Box 1289
Wellington CO 80549

Project: Lipsack RG 27-15

Lab ID: 052404

Date Received: 05/24/13

Number of Samples Received: 2

Sample Condition: Samples arrived intact and in appropriate sample containers

Sample Temperature: Within acceptable range of 2-6° C, or as specified in EPA Method

| Analysis | EPA Method | Lab ID on COC |
|---|---|---|
| BTEX / Nap | 8260C | 1 - 2 |
| TPH - GRO/DRO | 8260C/8015C | 1 - 2 |

All quality control analyses associated with the requested analyses were satisfactorily passed before the samples were run. If you have any questions please give us a call, we are happy to help.

Thank you for allowing eAnalytics Laboratory to provide laboratory services for you, we truly appreciate your business.

Sincerely,

Christopher Dieken
Quality Assurance Manager
eAnalytics Laboratory
(970) 667-6975
info@eAnalyticsLab.com

A2LA ACCREDITED

**A2LA & Department of Defense (DoD) Certified**

# Certificate of Analysis

**Chain of Custody** | **May 30, 2013**

eANALYTICS LABORATORY

Chain of Custody Form

eANALYTICS LABORATORY

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**CLIENT INFORMATION**
(*New Clients please fill out completely)

Company: FREMONT ENV
Project: LIPSAW RG 27-15 C013-009
Project Manager: PAUL H
Sampler: WAYNE
Phone/Email:
Address:

**ANALYSIS INFORMATION**
(Select analysis by checking box on corresponding sample line)

| Lab ID | Sample Name | Sampling Date/Time | Number of Containers | Matrix (S) Soil (W) Water (V) Vapor (O) Other | BTEX / TVPH / MTBE (EPA 8260) | TEPH (EPA 8015) | Vapor BTEX / TVPH (EPA TO-14) | Full VOC (EPA 8260) | Semi-Volatiles 8270 / PAH | TRPH / Oil & Grease | RCRA 8 Metals (Total / TCLP / Dissolved) | React. / Ignit. / Corrosivity / Paint Filter | pH / TSS / TDS | Metals (Specify) | PCBs | Anions (Specify) | Other Analysis: BTEX | GRO DRO | Naphthalene |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 01 | 10-4' | 5/24 AM/PM | 1 | S | | | | | | | | | | | | | X | X | X |
| 02 | 11-4' | 5/24 AM/PM | 1 | S | | | | | | | | | | | | | X | X | X |
| | | AM/PM | | | | | | | | | | | | | | | | | |
| | | AM/PM | | | | | | | | | | | | | | | | | |
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| | | AM/PM | | | | | | | | | | | | | | | | | |
| | | AM/PM | | | | | | | | | | | | | | | | | |

**Comments:**

**Turnaround Time (Business Days)**
TAT begins when sample is received by eANALYTICS

- (X) Normal (5-10 Days)
- ( ) 3 Day (1.25x)
- ( ) 2 Day (1.5x)
- ( ) 1 Day (2x)
- ( ) Same Day (3x)

Rush analysis requires an extra charge. If possible please inform eANALYTICS in advance for rush analysis.

**Colorado OPS Project :** Yes / No

**For eANALYTICS Use**

**Samples Received Intact:** ~~Yes~~ / No
**Received Within Temperature Range (2-6°C):** ~~Yes~~ / No
**Sample Preservative:** ~~Ice~~ / None / Acid / Other

**Record of Custody**

Relinquished by: WAYNE A
Company: FREMONT ENV
Date: 5/24
Time: 17:00 AM PM

Received by:
Company:
Date:
Time: AM PM

Relinquished by:
Company:
Date:
Time: AM/PM

Received by:
Company: eANALYTICS
Date: 5-24
Time: 17:00 AM PM

WO # 052404 eANALYTICS: Environmental testing made Easy Page ___ of ___

# Certificate of Analysis

**Sample Analysis** eANALYTICS LABORATORY **May 30, 2013**

Client: Fremont Environmental
PO Box 1289
Wellington CO 80549

Project: Lipsack RG 27-15

Lab ID: 052404

Matrix: SOIL
Batch ID: EA 05-29-13

EPA Method: 8260C BTEX / Nap
8260C/8015C TPH - GRO/DRO

| Sample Name | Benzene mg/kg | Toluene mg/kg | Ethyl-Benzene mg/kg | Total Xylenes mg/kg | Naph-thalene mg/kg | GRO $C_6$-$C_{10}$ mg/kg | DRO $C_{10}$-$C_{28}$ mg/kg | Date Sampled | Date Analyzed | Lab ID |
|---|---|---|---|---|---|---|---|---|---|---|
| 10-4' | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 50 | < 50 | 05/24/13 | 05/29/13 | 052404-01 |
| 11-4' | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 50 | < 50 | 05/24/13 | 05/29/13 | 052404-02 |

Todd Rhea
Laboratory Manager - eAnalytics Laboratory

# Certificate of Analysis

**Surrogate Recoveries (%)**

eANALYTICS LABORATORY

**May 30, 2013**

Client: Fremont Environmental
PO Box 1289
Wellington CO 80549

Project: Lipsack RG 27-15

Lab ID: 052404

EPA Method: 8260C

| Sample Name | Dibromofluoromethane (70-130%) | 1,2-Dichloroethane-D4 (70-130%) | Toluene-D8 (70-130%) | Bromofluorobenzene (70-130%) | Date Sampled | Date Analyzed | Lab ID |
|---|---|---|---|---|---|---|---|
| 10-4' | 89 | 92 | 104 | 93 | 05/24/13 | 05/29/13 | 052404-01 |
| 11-4' | 96 | 93 | 101 | 95 | 05/24/13 | 05/29/13 | 052404-02 |

Todd Rhea

Laboratory Manager - eAnalytics Laboratory

# Certificate of Analysis

**Quality Control Analysis**

eANALYTICS LABORATORY

**May 30, 2013**

Client: Fremont Environmental
PO Box 1289
Wellington CO 80549

Project: Lipsack RG 27-15

Lab ID: 052404

Matrix: SOIL
Batch ID: EA 05-29-13

EPA Method: 8260C BTEX / Nap
8260C/8015C TPH - GRO/DRO

| Sample Name | Benzene | Toluene | Ethyl-Benzene | Total Xylenes | Naph-thalene | GRO $C_6$-$C_{10}$ | DRO $C_{10}$-$C_{28}$ | | Date Analyzed | Lab ID |
|---|---|---|---|---|---|---|---|---|---|---|
| | % Rec | % Rec | % Rec | % Rec | % Rec | % Rec | % Rec | | | |
| LCS | 91 | 94 | 97 | 105 | 101 | 99 | 90 | | 05/29/13 | L 05/29/13 |
| (70-130%) | | | | | | | | | | |
| CCV | 89 | 97 | 100 | 93 | 100 | 103 | 92 | | 05/29/13 | C 05/29/13 |
| (80-120%) | | | | | | | | | | |
| Reagent Blank | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 50 | < 50 | | 05/29/13 | RB 05/29/13 |
| | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | | | |

Todd Rhea

Laboratory Manager - eAnalytics Laboratory

# Certificate of Analysis

eANALYTICS LABORATORY

**May 31, 2013**

Client: Fremont Environmental
PO Box 1289
Wellington CO 80549

Project: Lipsack RG 27-15

Lab ID: 053004

Date Received: 05/30/13

Number of Samples Received: 2

Sample Condition: Samples arrived intact and in appropriate sample containers

Sample Temperature: Within acceptable range of 2-6° C, or as specified in EPA Method

| Analysis | EPA Method | Lab ID on COC |
|---|---|---|
| BTEX / Nap | 8260C | 1 - 2 |
| TPH - GRO/DRO | 8260C/8015C | 1 - 2 |

All quality control analyses associated with the requested analyses were satisfactorily passed before the samples were run. If you have any questions please give us a call, we are happy to help.

Thank you for allowing eAnalytics Laboratory to provide laboratory services for you, we truly appreciate your business.

Sincerely,

Christopher Dieken
Quality Assurance Manager
eAnalytics Laboratory
(970) 667-6975
info@eAnalyticsLab.com

A2LA ACCREDITED

**A2LA & Department of Defense (DoD) Certified**

# Certificate of Analysis

**Chain of Custody** | **May 31, 2013**

eANALYTICS LABORATORY

Chain of Custody Form

eANALYTICS LABORATORY

1767 Rocky Mountain Avenue Loveland CO 80538 | Phone: (970) 667-6975 | Fax: (970) 669-0941 | www.eAnalyticsLab.com

**CLIENT INFORMATION**
(*New Clients please fill out completely)

Company: FREMONT ENV C013-009
Project: LIPSACK RG 27-15
Project Manager: PAUL HEMEHAN
Sampler: WAYNE
Phone/Email:
Address:

**ANALYSIS INFORMATION**
(Select analysis by checking box on corresponding sample line)

| Lab ID | Sample Name | Sampling Date/Time | Number of Containers | Matrix (S) Soil (W) Water (V) Vapor (O) Other | BTEX / TVPH / MTBE (EPA 8260) | TEPH (EPA 8015) | Vapor BTEX / TVPH (EPA TO-14) | Full VOC (EPA 8260) | Semi-Volatiles 8270 / PAH | TRPH / Oil & Grease | RCRA 8 Metals (Total / TCLP / Dissolved) | React. / Ignit. / Corrosivity / Paint Filter | pH / TSS / TDS | Metals (Specify) | PCBs | Anions (Specify) | Other Analysis: BTEX | GRO/DRO | Naphthalene | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 12-4 | 5/30 AM/PM | | | | | | | | | | | | | | | X | X | X | | |
| | RUSH 13-3 | 11 AM/PM | | | | | | | | | | | | | | | X | X | X | | |
| | | AM/PM | | | | | | | | | | | | | | | | | | | |
| | | AM/PM | | | | | | | | | | | | | | | | | | | |
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| | | AM/PM | | | | | | | | | | | | | | | | | | | |

Comments:

**Turnaround Time (Business Days)**
TAT begins when sample is received by eANALYTICS

- ○ Normal (5-10 Days)
- ○ 3 Day (1.25x)
- ○ 2 Day (1.5x)
- ○ 1 Day (2x)
- ○ Same Day (3x)

Rush analysis requires an extra charge. If possible please inform eANALYTICS in advance for rush analysis.

**Colorado OPS Project :** Yes / No

**For eANALYTICS Use**

**Samples Received Intact:** (Yes) / No
**Received Within Temperature Range (2-6°C):** Yes / No
**Sample Preservative:** Ice / Acid / None / Other

**Record of Custody**

Relinquished by: WAYNE A. Date 5/30 Time 16:30 AM/PM
Company: FREMONT ENV
Received by: Date Time AM/PM
Company:
Relinquished by: Date Time AM/PM
Company:
Received by: Date 5/30 Time 1630 AM
Company: eANALYTICS

WO # 053004 eANALYTICS: Environmental testing made Easy Page ___ of ___

# Certificate of Analysis

**Sample Analysis** — **May 31, 2013**

eANALYTICS LABORATORY

Client: Fremont Environmental
PO Box 1289
Wellington CO 80549

Project: Lipsack RG 27-15

Lab ID: 053004

Matrix: SOIL
Batch ID: EA 05-30-13

EPA Method: 8260C BTEX / Nap
8260C/8015C TPH - GRO/DRO

| Sample Name | Benzene mg/kg | Toluene mg/kg | Ethyl-Benzene mg/kg | Total Xylenes mg/kg | Naph-thalene mg/kg | GRO $C_6$-$C_{10}$ mg/kg | DRO $C_{10}$-$C_{28}$ mg/kg | Date Sampled | Date Analyzed | Lab ID |
|---|---|---|---|---|---|---|---|---|---|---|
| 12-4' | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 50 | < 50 | 05/30/13 | 05/30/13 | 053004-01 |
| 13-3' | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 50 | < 50 | 05/30/13 | 05/30/13 | 053004-02 |

Todd Rhea

Laboratory Manager - eAnalytics Laboratory

# Certificate of Analysis

**Surrogate Recoveries (%)**

eANALYTICS LABORATORY

**May 31, 2013**

Client: Fremont Environmental
PO Box 1289
Wellington CO 80549

Project: Lipsack RG 27-15

Lab ID: 053004

EPA Method: 8260C

| Sample Name | Dibromofluoromethane (70-130%) | 1,2-Dichloroethane-D4 (70-130%) | Toluene-D8 (70-130%) | Bromofluorobenzene (70-130%) | Date Sampled | Date Analyzed | Lab ID |
|---|---|---|---|---|---|---|---|
| 12-4' | 101 | 100 | 92 | 93 | 05/30/13 | 05/30/13 | 053004-01 |
| 13-3' | 100 | 96 | 96 | 97 | 05/30/13 | 05/30/13 | 053004-02 |

Todd Rhea

Laboratory Manager - eAnalytics Laboratory

# Certificate of Analysis

**Quality Control Analysis**

eANALYTICS LABORATORY

**May 31, 2013**

Client: Fremont Environmental
PO Box 1289
Wellington CO 80549

Project: Lipsack RG 27-15

Lab ID: 053004

Matrix: SOIL
Batch ID: EA 05-30-13

EPA Method: 8260C BTEX / Nap
8260C/8015C TPH - GRO/DRO

| Sample Name | Benzene | Toluene | Ethyl-Benzene | Total Xylenes | Naph-thalene | GRO $C_6$-$C_{10}$ | DRO $C_{10}$-$C_{28}$ | | Date Analyzed | Lab ID |
|---|---|---|---|---|---|---|---|---|---|---|
| | % Rec | % Rec | % Rec | % Rec | % Rec | % Rec | % Rec | | | |
| LCS | 98 | 95 | 91 | 93 | 94 | 101 | 93 | | 05/30/13 | L 05/30/13 |
| (70-130%) | | | | | | | | | | |
| CCV | 95 | 92 | 90 | 91 | 95 | 97 | 90 | | 05/30/13 | C 05/30/13 |
| (80-120%) | | | | | | | | | | |
| Reagent Blank | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 50 | < 50 | | 05/30/13 | RB 05/30/13 |
| | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | | | |

Todd Rhea

Laboratory Manager - eAnalytics Laboratory

# Certificate of Analysis

eANALYTICS LABORATORY

**June 3, 2013**

Client: Fremont Environmental
PO Box 1289
Wellington CO 80549

Project: Lipsack RG 27-15

Lab ID: 053108

Date Received: 05/31/13

Number of Samples Received: 1

Sample Condition: Samples arrived intact and in appropriate sample containers

Sample Temperature: Within acceptable range of 2-6° C, or as specified in EPA Method

| Analysis | EPA Method | Lab ID on COC |
|---|---|---|
| BTEX / Nap | 8260C | 1 - 1 |
| TPH - GRO/DRO | 8260C/8015C | 1 - 1 |

All quality control analyses associated with the requested analyses were satisfactorily passed before the samples were run. If you have any questions please give us a call, we are happy to help.

Thank you for allowing eAnalytics Laboratory to provide laboratory services for you, we truly appreciate your business.

Sincerely,

Christopher Dieken
Quality Assurance Manager
eAnalytics Laboratory
(970) 667-6975
info@eAnalyticsLab.com

A2LA ACCREDITED

**A2LA & Department of Defense (DoD) Certified**

# Certificate of Analysis

**Chain of Custody** | **June 3, 2013**

eANALYTICS LABORATORY

Chain of Custody Form

eANALYTICS LABORATORY

1767 Rocky Mountain Avenue Loveland CO 80538 | Phone: (970) 667-6975 | Fax: (970) 669-0941 | www.eAnalyticsLab.com

**CLIENT INFORMATION**
(*New Clients please fill out completely)

Company: FREMONT EHN
Project: LIPSACK 27-15 C013-009
Project Manager: PAUL HEALEY
Sampler: WAYNE A
Phone/Email:
Address:

**ANALYSIS INFORMATION**
(Select analysis by checking box on corresponding sample line)

| Lab ID | Sample Name | Sampling Date/Time | Number of Containers | Matrix (S) Soil (W) Water (V) Vapor (O) Other | BTEX / TVPH / MTBE (EPA 8260) | TEPH (EPA 8015) | Vapor BTEX / TVPH (EPA TO-14) | Full VOC (EPA 8260) | Semi-Volatiles 8270 / PAH | TRPH / Oil & Grease | RCRA 8 Metals (Total / TCLP / Dissolved) | React. / Ignit. / Corrosivity / Paint Filter | pH / TSS / TDS | Metals (Specify) | PCBs | Anions (Specify) | Other Analysis: BTEX | Other Analysis: GRO/DRO | Other Analysis: NAPTHALENE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 01 | 14-3 | 5/31 AM/PM | | | | | | | | | | | | | | | X | X | X |
| | | AM/PM | | | | | | | | | | | | | | | | | |
| | | AM/PM | | | | | | | | | | | | | | | | | |
| | | AM/PM | | | | | | | | | | | | | | | | | |
| | | AM/PM | | | | | | | | | | | | | | | | | |
| | | AM/PM | | | | | | | | | | | | | | | | | |
| | | AM/PM | | | | | | | | | | | | | | | | | |
| | | AM/PM | | | | | | | | | | | | | | | | | |
| | | AM/PM | | | | | | | | | | | | | | | | | |
| | | AM/PM | | | | | | | | | | | | | | | | | |
| | | AM/PM | | | | | | | | | | | | | | | | | |
| | | AM/PM | | | | | | | | | | | | | | | | | |
| | | AM/PM | | | | | | | | | | | | | | | | | |
| | | AM/PM | | | | | | | | | | | | | | | | | |

**Comments:**

**Turnaround Time (Business Days)**
TAT begins when sample is received by eANALYTICS
- (✓) Normal (5-10 Days)
- ( ) 3 Day (1.25x)
- ( ) 2 Day (1.5x)
- ( ) 1 Day (2x)
- ( ) Same Day (3x)

Rush analysis requires an extra charge. If possible please inform eANALYTICS in advance for rush analysis.

**Colorado OPS Project :** Yes / No

**For eANALYTICS Use**

**Samples Received Intact:** (Yes) / No
**Received Within Temperature Range (2-6°C)** (Yes) / No
**Sample Preservative:** Ice / None / Acid / Other

**Record of Custody**

Relinquished by: WAYNE AUSTIN — Date 5/31
Company: FREMONT — Time 16:00 AM/PM
Received by: — Date
Company: — Time AM/PM
Relinquished by: — Date
Company: — Time AM/PM
Received by: — Date 5/31
Company: eANALYTICS — Time 10:00 AM/PM

WO # 053108

eANALYTICS: Environmental testing made Easy

Page 1 of 1

# Certificate of Analysis

**Sample Analysis** — **June 3, 2013**

eANALYTICS LABORATORY

Client: Fremont Environmental
PO Box 1289
Wellington CO 80549

Project: Lipsack RG 27-15

Lab ID: 053108

Matrix: SOIL
Batch ID: EA 06-01-13

EPA Method: 8260C BTEX / Nap
8260C/8015C TPH - GRO/DRO

| Sample Name | Benzene mg/kg | Toluene mg/kg | Ethyl-Benzene mg/kg | Total Xylenes mg/kg | Naph-thalene mg/kg | GRO $C_6$-$C_{10}$ mg/kg | DRO $C_{10}$-$C_{28}$ mg/kg | Date Sampled | Date Analyzed | Lab ID |
|---|---|---|---|---|---|---|---|---|---|---|
| 14-3 | 0.040 | 0.026 | < 0.01 | 0.073 | < 0.01 | < 50 | < 50 | 05/31/13 | 06/01/13 | 053108-01 |

Todd Rhea

Laboratory Manager - eAnalytics Laboratory

# Certificate of Analysis

**Surrogate Recoveries (%)**

eANALYTICS LABORATORY

**June 3, 2013**

Client: Fremont Environmental
PO Box 1289
Wellington CO 80549

Project: Lipsack RG 27-15

Lab ID: 053108

EPA Method: 8260C

| Sample Name | Dibromofluoromethane (70-130%) | 1,2-Dichloroethane-D4 (70-130%) | Toluene-D8 (70-130%) | Bromofluorobenzene (70-130%) | Date Sampled | Date Analyzed | Lab ID |
|---|---|---|---|---|---|---|---|
| 14-3 | 97 | 100 | 99 | 95 | 05/31/13 | 06/01/13 | 053108-01 |

Todd Rhea

Laboratory Manager - eAnalytics Laboratory

# Certificate of Analysis

**Quality Control Analysis**

eANALYTICS LABORATORY

**June 3, 2013**

Client: Fremont Environmental
PO Box 1289
Wellington CO 80549

Project: Lipsack RG 27-15

Lab ID: 053108

Matrix: SOIL
Batch ID: EA 06-01-13

EPA Method: 8260C BTEX / Nap
8260C/8015C TPH - GRO/DRO

| Sample Name | Benzene | Toluene | Ethyl-Benzene | Total Xylenes | Naph-thalene | GRO $C_6$-$C_{10}$ | DRO $C_{10}$-$C_{28}$ | | Date Analyzed | Lab ID |
|---|---|---|---|---|---|---|---|---|---|---|
| | % Rec | % Rec | % Rec | % Rec | % Rec | % Rec | % Rec | | | |
| LCS | 92 | 97 | 99 | 103 | 98 | 101 | 99 | | 06/01/13 | L 06/01/13 |
| (70-130%) | | | | | | | | | | |
| CCV | 96 | 92 | 94 | 97 | 92 | 94 | 92 | | 06/01/13 | C 06/01/13 |
| (80-120%) | | | | | | | | | | |
| Reagent Blank | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 50 | < 50 | | 06/01/13 | RB 06/01/13 |
| | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | | | |

Todd Rhea

Laboratory Manager - eAnalytics Laboratory

# Certificate of Analysis

eANALYTICS LABORATORY

**June 5, 2013**

Client: Fremont Environmental
PO Box 1289
Wellington CO 80549

Project: Lipsack RG 27-15

Lab ID: 060305

Date Received: 06/03/13

Number of Samples Received: 3

Sample Condition: Samples arrived intact and in appropriate sample containers

Sample Temperature: Within acceptable range of 2-6° C, or as specified in EPA Method

| Analysis | EPA Method | Lab ID on COC |
|---|---|---|
| BTEX / Nap | 8260C | 1 - 3 |
| TPH - GRO/DRO | 8260C/8015C | 1 - 3 |

All quality control analyses associated with the requested analyses were satisfactorily passed before the samples were run. If you have any questions please give us a call, we are happy to help.

Thank you for allowing eAnalytics Laboratory to provide laboratory services for you, we truly appreciate your business.

Sincerely,

Christopher Dieken
Quality Assurance Manager
eAnalytics Laboratory
(970) 667-6975
info@eAnalyticsLab.com

A2LA ACCREDITED

**A2LA & Department of Defense (DoD) Certified**

# Certificate of Analysis

**Chain of Custody** | **June 5, 2013**

eANALYTICS LABORATORY

Chain of Custody Form

eANALYTICS LABORATORY

1767 Rocky Mountain Avenue Loveland CO 80538 | Phone: (970) 667-6975 | Fax: (970) 669-0941 | www.eAnalyticsLab.com

**CLIENT INFORMATION**
(*New Clients please fill out completely)

Company: FREMONT EHV
Project: LIPSCIL 27-15 / C013-009
Project Manager: PAUL HEALY
Sampler: WAYNE AUSTIN
Phone/Email:
Address:

**ANALYSIS INFORMATION**
(Select analysis by checking box on corresponding sample line)

| Lab ID | Sample Name | Sampling Date/Time | Number of Containers | Matrix: (S) Soil (W) Water (V) Vapor (O) Other | BTEX (EPA 8260) | TPH - GRO/DRO (EPA 8260/8015) | NAPTHALENE | Other Analysis |
|---|---|---|---|---|---|---|---|---|
| 01 | 15-4 | 6/3 AM/PM | 1 | S | X | X | X | |
| 02 | 16-4 | 6/3 AM/PM | 1 | S | X | X | X | |
| 03 | 17-4 | 6/3 AM/PM | 1 | S | X | X | X | |
| | | AM/PM | | | | | | |
| | | AM/PM | | | | | | |
| | | AM/PM | | | | | | |
| | | AM/PM | | | | | | |
| | | AM/PM | | | | | | |
| | | AM/PM | | | | | | |
| | | AM/PM | | | | | | |
| | | AM/PM | | | | | | |
| | | AM/PM | | | | | | |
| | | AM/PM | | | | | | |
| | | AM/PM | | | | | | |

**Comments:**

**Turnaround Time (Business Days)**
TAT begins when sample is received by eANALYTICS
(X) Normal (5-10 Days)
( ) 3 Day (1.25x)
( ) 2 Day (1.5x)
( ) 1 Day (2x)
( ) Same Day (3x)
Rush analysis requires an extra charge. If possible please inform eANALYTICS in advance for rush analysis.

**For eANALYTICS Use**

| | | |
|---|---|---|
| Samples Received Intact | (Yes) | No |
| Received Within Temperature Range (2-6°C) | (Yes) | No |
| Sample Preservative | Ice / None | Acid / Other |

**Record of Custody**

Relinquished by: WAYNE AUSTIN — Date 6/03/13
Company: FREMONT EHV — Time 17:00 AM/PM
Received by: — Date
Company: — Time AM/PM
Relinquished by: — Date
Company: — Time AM/PM
Received by: — Date 6-3-13
Company: eANALYTICS — Time 17:00 AM/PM

WO # 060305

eANALYTICS: Environmental testing made Easy

Page ___ of ___

# Certificate of Analysis

**Sample Analysis** — **June 5, 2013**

eANALYTICS LABORATORY

Client: Fremont Environmental
PO Box 1289
Wellington CO 80549

Project: Lipsack RG 27-15

Lab ID: 060305

Matrix: SOIL
Batch ID: EA 06-04-13

EPA Method: 8260C BTEX / Nap
8260C/8015C TPH - GRO/DRO

| Sample Name | Benzene mg/kg | Toluene mg/kg | Ethyl-Benzene mg/kg | Total Xylenes mg/kg | Naph-thalene mg/kg | GRO $C_6$-$C_{10}$ mg/kg | DRO $C_{10}$-$C_{28}$ mg/kg | Date Sampled | Date Analyzed | Lab ID |
|---|---|---|---|---|---|---|---|---|---|---|
| 15-4 | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 50 | < 50 | 06/03/13 | 06/04/13 | 060305-01 |
| 16-4 | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 50 | < 50 | 06/03/13 | 06/04/13 | 060305-02 |
| 17-4 | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 50 | < 50 | 06/03/13 | 06/04/13 | 060305-03 |

Todd Rhea

Laboratory Manager - eAnalytics Laboratory

# Certificate of Analysis

**Surrogate Recoveries (%)**

eANALYTICS LABORATORY

**June 5, 2013**

Client: Fremont Environmental
PO Box 1289
Wellington CO 80549

Project: Lipsack RG 27-15

Lab ID: 060305

EPA Method: 8260C

| Sample Name | Dibromofluoromethane (70-130%) | 1,2-Dichloroethane-D4 (70-130%) | Toluene-D8 (70-130%) | Bromofluorobenzene (70-130%) | Date Sampled | Date Analyzed | Lab ID |
|---|---|---|---|---|---|---|---|
| 15-4 | 89 | 96 | 98 | 97 | 06/03/13 | 06/04/13 | 060305-01 |
| 16-4 | 90 | 91 | 103 | 105 | 06/03/13 | 06/04/13 | 060305-02 |
| 17-4 | 97 | 97 | 95 | 101 | 06/03/13 | 06/04/13 | 060305-03 |

Todd Rhea

Laboratory Manager - eAnalytics Laboratory

# Certificate of Analysis

**Quality Control Analysis**

eANALYTICS LABORATORY

**June 5, 2013**

Client: Fremont Environmental
PO Box 1289
Wellington CO 80549

Project: Lipsack RG 27-15

Lab ID: 060305

Matrix: SOIL
Batch ID: EA 06-04-13

EPA Method: 8260C BTEX / Nap
8260C/8015C TPH - GRO/DRO

| Sample Name | Benzene | Toluene | Ethyl-Benzene | Total Xylenes | Naph-thalene | GRO $C_6$-$C_{10}$ | DRO $C_{10}$-$C_{28}$ | | Date Analyzed | Lab ID |
|---|---|---|---|---|---|---|---|---|---|---|
| | % Rec | % Rec | % Rec | % Rec | % Rec | % Rec | % Rec | | | |
| LCS | 97 | 92 | 97 | 104 | 93 | 104 | 95 | | 06/04/13 | L 06/04/13 |
| (70-130%) | | | | | | | | | | |
| CCV | 95 | 90 | 91 | 100 | 97 | 91 | 90 | | 06/04/13 | C 06/04/13 |
| (80-120%) | | | | | | | | | | |
| Reagent Blank | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 50 | < 50 | | 06/04/13 | RB 06/04/13 |
| | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | | | |

Todd Rhea

Laboratory Manager - eAnalytics Laboratory

# Certificate of Analysis

eANALYTICS LABORATORY

**June 5, 2013**

Client: Fremont Environmental
PO Box 1289
Wellington CO 80549

Project: Lipsack RG 27-15

Lab ID: 060402

Date Received: 06/04/13

Number of Samples Received: 4

Sample Condition: Samples arrived intact and in appropriate sample containers

Sample Temperature: Within acceptable range of 2-6° C, or as specified in EPA Method

| Analysis | EPA Method | Lab ID on COC |
|---|---|---|
| BTEX / Nap | 8260C | 1 - 4 |
| TPH - GRO/DRO | 8260C/8015C | 1 - 4 |

All quality control analyses associated with the requested analyses were satisfactorily passed before the samples were run. If you have any questions please give us a call, we are happy to help.

Thank you for allowing eAnalytics Laboratory to provide laboratory services for you, we truly appreciate your business.

Sincerely,

Christopher Dieken
Quality Assurance Manager
eAnalytics Laboratory
(970) 667-6975
info@eAnalyticsLab.com

A2LA ACCREDITED

**A2LA & Department of Defense (DoD) Certified**

# Certificate of Analysis

**Chain of Custody** | **June 5, 2013**

eANALYTICS LABORATORY

Chain of Custody Form

eANALYTICS LABORATORY

1767 Rocky Mountain Avenue Loveland CO 80538 | Phone: (970) 667-6975 | Fax: (970) 669-0941 | www.eAnalyticsLab.com

**CLIENT INFORMATION** (*New Clients please fill out completely)

Company: FREMONT ENV.
Project: LIPSACK 27-15 (C013-C09)
Project Manager: PAUL H
Sampler: WAYNE
Phone/Email:
Address:

**ANALYSIS INFORMATION** (Select analysis by checking box on corresponding sample line)

| Lab ID | Sample Name | Sampling Date/Time | Number of Containers | Matrix:(S) Soil (W) Water (V) Vapor (O) Other | BTEX / TVPH / MTBE (EPA 8260) | TEPH (EPA 8015) | Vapor BTEX / TVPH (EPA TO-14) | Full VOC (EPA 8260) | Semi-Volatiles 8270 / PAH | TRPH / Oil & Grease | RCRA 8 Metals (Total / TCLP / Dissolved) | React. / Ignit. / Corrosivity / Paint Filter | pH / TSS / TDS | Metals (Specify) | PCBs | Anions (Specify) | Other Analysis: BTEX | GRO/DRO | Naphthalene |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 01 | Normal 18-4' | 6-4 AM/PM | 1 | S | | | | | | | | | | | | | X | X | X |
| 02 | Rush 19-4' | 6-4 AM/PM | 1 | S | | | | | | | | | | | | | X | X | X |
| 03 | Normal 20-3' | 6-4 AM/PM | 1 | S | | | | | | | | | | | | | X | X | X |
| 04 | Rush 21-3' | 6-4 AM/PM | 1 | S | | | | | | | | | | | | | X | X | X |
| | | AM/PM | | | | | | | | | | | | | | | | | |
| | | AM/PM | | | | | | | | | | | | | | | | | |
| | | AM/PM | | | | | | | | | | | | | | | | | |
| | | AM/PM | | | | | | | | | | | | | | | | | |
| | | AM/PM | | | | | | | | | | | | | | | | | |
| | | AM/PM | | | | | | | | | | | | | | | | | |
| | | AM/PM | | | | | | | | | | | | | | | | | |
| | | AM/PM | | | | | | | | | | | | | | | | | |
| | | AM/PM | | | | | | | | | | | | | | | | | |
| | | AM/PM | | | | | | | | | | | | | | | | | |

**Comments:**

**Turnaround Time (Business Days)**
TAT begins when sample is received by eANALYTICS
- ○ Normal (5-10 Days)
- ○ 3 Day (1.25x)
- ○ 2 Day (1.5x)
- ○ 1 Day (2x)
- ○ Same Day (3x)

Rush analysis requires an extra charge. If possible please inform eANALYTICS in advance for rush analysis.

**Colorado OPS Project :** Yes / No

**For eANALYTICS Use**
**Samples Received Intact:** (Yes) / No
**Received Within Temperature Range** (2-6°C) (Yes) / No
**Sample Preservative:** Ice / None / Acid / Other

**Record of Custody**
Relinquished by: WAYNE A — Date 6.4 — Time 13:00 AM/PM
Company: FREMONT ENV
Received by: — Date — Time AM/PM
Company:
Relinquished by: — Date — Time AM/PM
Company:
Received by: Todd Rhue — Date 6.4.13 — Time 13:00 AM/PM
Company: eANALYTICS

WO # 060402

eANALYTICS: Environmental testing made Easy

Page 1 of 1

# Certificate of Analysis

**Sample Analysis** — **June 5, 2013**

eANALYTICS LABORATORY

Client: Fremont Environmental
PO Box 1289
Wellington CO 80549

Project: Lipsack RG 27-15

Lab ID: 060402

Matrix: SOIL
Batch ID: EA 06-04-13

EPA Method: 8260C BTEX / Nap
8260C/8015C TPH - GRO/DRO

| Sample Name | Benzene mg/kg | Toluene mg/kg | Ethyl-Benzene mg/kg | Total Xylenes mg/kg | Naph-thalene mg/kg | GRO $C_6$-$C_{10}$ mg/kg | DRO $C_{10}$-$C_{28}$ mg/kg | Date Sampled | Date Analyzed | Lab ID |
|---|---|---|---|---|---|---|---|---|---|---|
| 18-4' | 0.049 | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 50 | < 50 | 06/04/13 | 06/04/13 | 060402-01 |
| 19-4' | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 50 | < 50 | 06/04/13 | 06/04/13 | 060402-02 |
| 20-3' | 0.018 | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 50 | < 50 | 06/04/13 | 06/04/13 | 060402-03 |
| 21-3' | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 50 | < 50 | 06/04/13 | 06/04/13 | 060402-04 |

Todd Rhea

Laboratory Manager - eAnalytics Laboratory

# Certificate of Analysis

**Surrogate Recoveries (%)**

eANALYTICS LABORATORY

**June 5, 2013**

Client: Fremont Environmental
PO Box 1289
Wellington CO 80549

Project: Lipsack RG 27-15

Lab ID: 060402

EPA Method: 8260C

| Sample Name | Dibromofluoromethane (70-130%) | 1,2-Dichloroethane-D4 (70-130%) | Toluene-D8 (70-130%) | Bromofluorobenzene (70-130%) | Date Sampled | Date Analyzed | Lab ID |
|---|---|---|---|---|---|---|---|
| 18-4' | 91 | 95 | 98 | 91 | 06/04/13 | 06/04/13 | 060402-01 |
| 19-4' | 94 | 97 | 95 | 100 | 06/04/13 | 06/04/13 | 060402-02 |
| 20-3' | 100 | 98 | 99 | 89 | 06/04/13 | 06/04/13 | 060402-03 |
| 21-3' | 93 | 99 | 98 | 100 | 06/04/13 | 06/04/13 | 060402-04 |

Todd Rhea

Laboratory Manager - eAnalytics Laboratory

# Certificate of Analysis

**Quality Control Analysis**

eANALYTICS LABORATORY

**June 5, 2013**

Client: Fremont Environmental
PO Box 1289
Wellington CO 80549

Project: Lipsack RG 27-15

Lab ID: 060402

Matrix: SOIL
Batch ID: EA 06-04-13

EPA Method: 8260C BTEX / Nap
8260C/8015C TPH - GRO/DRO

| Sample Name | Benzene | Toluene | Ethyl-Benzene | Total Xylenes | Naph-thalene | GRO $C_6$-$C_{10}$ | DRO $C_{10}$-$C_{28}$ | | Date Analyzed | Lab ID |
|---|---|---|---|---|---|---|---|---|---|---|
| | % Rec | % Rec | % Rec | % Rec | % Rec | % Rec | % Rec | | | |
| LCS | 97 | 92 | 97 | 104 | 93 | 104 | 95 | | 06/04/13 | L 06/04/13 |
| (70-130%) | | | | | | | | | | |
| CCV | 95 | 90 | 91 | 100 | 97 | 91 | 90 | | 06/04/13 | C 06/04/13 |
| (80-120%) | | | | | | | | | | |
| Reagent Blank | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 50 | < 50 | | 06/04/13 | RB 06/04/13 |
| | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | | | |

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