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

OIL CONS. DIV DIST. 3
JUL 29 2015

Form C-141
Revised August 8, 2011

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

# Release Notification and Corrective Action

## OPERATOR

☐ Initial Report ☒ Final Report

| | |
|---|---|
| Name of Company **ConocoPhillips Company** | Contact **Crystal Walker** |
| Address 3401 East 30th St, Farmington, NM | Telephone No.(505) 326-9837 |
| Facility Name: **Primo 1** | Facility Type: **Gas Well** |

| | | |
|---|---|---|
| Surface Owner **BLM** | Mineral Owner **BLM (SF-078215-B)** | API No.**30-045-11019** |

## LOCATION OF RELEASE

| Unit Letter | Section | Township | Range | Feet from the | North/South Line | Feet from the | East/West Line | County |
|---|---|---|---|---|---|---|---|---|
| **K** | **6** | **31N** | **10W** | **1650** | **South** | **1650** | **West** | **San Juan** |

**Latitude 36.92477 Longitude -107.92744**

## NATURE OF RELEASE

| | | |
|---|---|---|
| Type of Release **Produced Fluids** | Volume of Release **Unknown** | Volume Recovered **50 cu. yds** |
| Source of Release **Production Tank** | Date and Hour of Occurrence **Unknown** | Date and Hour of Discovery **6/22/2015** |
| Was Immediate Notice Given? ☐ Yes ☐ No ☒ Not Required | If YES, To Whom? | |
| By Whom? | Date and Hour | |
| Was a Watercourse Reached? ☐ Yes ☒ No | If YES, Volume Impacting the Watercourse. | |

If a Watercourse was Impacted, Describe Fully.*
**N/A**

Describe Cause of Problem and Remedial Action Taken.*
**Production Tank Re-set Activities**

Describe Area Affected and Cleanup Action Taken.*
**Historical hydrocarbon impacted soil was found during the production tank being re-set for the subject well. The excavation was 18'x 17' x 4' and 50 yds of soil was transported to IEI landfarm and 50 yds of clean soil was transported and placed in the excavation site. The soil sampling report is attached for review.**

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

| | |
|---|---|
| Signature: Crystal Walker | OIL CONSERVATION DIVISION |
| Printed Name: **Crystal Walker** | Approved by Environmental Specialist: |
| Title: **Field Environmental Specialist** | Approval Date: 8/12/15 Expiration Date: |
| E-mail Address: crystal.walker@conocophillips.com | Conditions of Approval: Attached ☐ |
| Date: Phone: (505) 326-9837 | |

* Attach Additional Sheets If Necessary

#NCS 1522434321

# Primo 1
# Release Report
## Unit Letter K, Section 06, Township 31N, Range 10W
## N36.92477, W107.92744
## San Juan County, New Mexico
## July 22, 2015

Prepared for:

ConocoPhillips
San Juan Business Unit
5525 Highway 64
Farmington, New Mexico 87401

Prepared by:

Rule Engineering, LLC
501 Airport Drive, Suite 205
Farmington, New Mexico 87401

Rule Engineering, LLC
Solutions to Regulations for Industry

# ConocoPhillips
# Primo 1
# Release Report

Prepared for:

ConocoPhillips
San Juan Business Unit
5525 Highway 64
Farmington, New Mexico 87401

Prepared by:

Rule Engineering, LLC
501 Airport Drive, Suite 205
Farmington, New Mexico 87401

**Deborah Watson, PG, Geologist**

Reviewed by:

**Russell Knight, PG, Principal Hydrogeologist**

**July 22, 2015**

## Table of Contents



## Tables



## Figures



## Appendices

# 1 Introduction

A historic release was discovered below the 300 barrel (bbl) production tank at the ConocoPhillips Primo 1 well pad on June 22, 2015. The ConocoPhillips Primo 1 well pad is located in Unit Letter K, Section 6, Township 31N, Range 10W in San Juan County, New Mexico on Federal land. Remedial activities included excavation of hydrocarbon impacted soils and confirmation soil sampling. A topographic map of the location is included as Figure 1 and an aerial site map is included as Figure 2.

# 2 Release Summary

**Site Name** – Primo 1
**Location** – Unit Letter K (NE/SW), Section 6, Township 31N, Range 10W
**API Number** – 30-045-11019
**Location Latitude/Longitude** – N36.92477 and W107.92744, respectively
**Release Latitude/Longitude** – N36.92480 and W107.92776, respectively
**Land Jurisdiction** – Bureau of Land Management (BLM)
**Date Release Discovered** – June 22, 2015
**Agency Jurisdiction** – BLM and NMOCD
**Source of Release** – historic
**Release Contents** –unknown
**Release Volume** – unknown
**NMOCD Ranking** – 10
**Date(s) of Rule Engineering, LLC (Rule) Field Work** –June 22, 2015
**Subcontractor(s)** – Kelley Oilfield Services, Inc. (Kelley)
**Disposal Facility** – Industrial Ecosystems, Inc. (Permit #NM-01-0010B)
**Amount of Contaminated Soil Excavated/Disposed** – estimated 50 cubic yards

# 3 Site Ranking

In accordance with New Mexico Oil Conservation Division (NMOCD) Guidelines for Remediation of Leaks, Spills, and Releases (August 1993), this site was assigned a ranking score of 10 (Table 1). Based on the ranking score of 10, action levels for remediated soils at the site are as follows: 10 mg/kg benzene, 50 mg/kg total benzene, toluene, ethylbenzene, and total xylenes (BTEX), and 1,000 mg/kg total petroleum hydrocarbons (TPH).

Depth to groundwater at the site was estimated to be 90 feet below ground surface (bgs) based on the cathodic report for the Primo 1 which reported moisture at 90 feet bgs.

A review was completed of the New Mexico Office of the State Engineer online New Mexico Water Rights Reporting System and no water wells were identified within a 1,000 feet radius of the location. Water well SJ 02150 and SJ 02389 located approximately 0.75 miles from the location and at elevations greater than 100 feet below the Primo 1 had recorded depths to water of 23 and 30 feet bgs.

The nearest surface water, an unnamed wash which drains to the San Juan River is located approximately 1,057 feet southwest of the location.

## 4 Field Activities

On June 22, 2015, historic contamination was discovered below the 300 bbl production tank during facility reset activities. On June 22, 2015, Kelley excavated the petroleum impacted materials from within the release area. Rule personnel provided excavation oversight and conducted field screening activities during remediation activities. On June 22, 2015, based on visual observation and field screening results, the excavation was halted, and Rule personnel collected five confirmation samples (SC-1 through SC-5) from the sidewalls and base of the excavation. Approximately 50 cubic yards of impacted soils were removed from an area of excavation measuring approximately 18 feet x 17 feet x 3.7 feet in depth. Figure 3 provides the locations and results of the soil samples collected during the excavation clearance.

## 5 Soil Sampling

Rule collected five confirmation soil samples from the sidewalls and base of the excavation. Soil samples SC-1 through SC-5 were collected on June 22, 2015. Each soil sample was collected as a composite of sub-samples from within the sample locations. A portion of each composite soil sample was field screened for volatile organic compounds (VOCs) and field analyzed for total petroleum hydrocarbons (TPH) per USEPA Method 418.1.

Field screening for VOC vapors was conducted with a photo-ionization detector (PID). Before beginning field screening, the PID was calibrated with 100 parts per million (ppm) isobutylene gas.

Field analysis for TPH was conducted using a total hydrocarbon analyzer. Prior to field analysis, the machine was calibrated following the manufacturer's procedure which includes calculation of a calibration curve using known concentration standards.

Soil samples collected for laboratory analysis were placed into laboratory supplied glassware, labeled, and maintained on ice until delivery to Hall Environmental Analysis Laboratory in Albuquerque, New Mexico. All samples were analyzed for BTEX per USEPA Method 8021B and TPH for gasoline range organics (GRO) and diesel range organics (DRO) per USEPA Method 8015D.

Field results for soil confirmation samples reported VOC concentrations above the NMOCD action levels of 100 ppm in all samples. Samples SC-1 through SC-5 had TPH concentrations below the NMOCD action levels of 1,000 mg/kg. Laboratory analytical results for soil confirmation samples SC-1 through SC-5 reported benzene, total BTEX, and TPH (GRO+DRO) concentrations below the applicable NMOCD action levels. Field sampling and laboratory analytical results are summarized in Table 2 and presented on Figure 3. The analytical laboratory report is included in Appendix A.

## 6 Conclusions

A historic release was discovered below the 300 bbl production tank at the ConocoPhillips Primo 1 on June 22, 2015. Remedial activities included excavation of approximately 50 cubic yards of hydrocarbon contaminated soils from within the impacted area. The final excavation measured 18 feet x 17 feet x 3.7 feet in depth. Five confirmation soil samples were collected from the sidewalls and base of the final excavation on June 22, 2015.

Field VOCs were reported above the NMOCD action level of 100 ppm in all samples. Laboratory analytical results for soil confirmation samples (SC-1 through SC-5) reported benzene and total BTEX concentrations below the NMOCD action levels of 10 mg/kg and 50 mg/kg, respectively. All soil confirmation samples reported field and laboratory TPH concentrations below the NMOCD action level of 1,000 mg/kg.

Based on laboratory analytical results, no further work is recommended.

## 7 Closure and Limitations

This report has been prepared for the exclusive use of ConocoPhillips and is subject to the terms, conditions and limitations stated in Rule's proposal, the report, and Rule's Service Agreement with ConocoPhillips. All work has been performed in accordance with generally accepted professional environmental consulting practices. No other warranty is expressed or implied.

# Tables

**Table 1. NMOCD Site Ranking Determination**
**Primo 1**
**San Juan County, New Mexico**
**ConocoPhillips**

| Ranking Criteria | Ranking Score | Site-Based Ranking Score | Basis for Determination | Data Sources |
|---|---|---|---|---|
| **Depth to Groundwater** | | | | |
| <50 feet | 20 | 10 | Cathodic Report for the Primo 1 reports moisture at 90 feet bgs. | NMOCD Online database, Cedar Hill Quadrangle, Google Earth, and Visual Inspection |
| 50-99 feet | 10 | | | |
| >100 feet | 0 | | | |
| **Wellhead Protection Area** | | | | |
| <1,000 feet from a water source, or <200 feet from private domestic water source | 20 (Yes) | 0 | No water source or recorded water wells within 1,000 feet radius of location. Water wells SJ 02150, SJ 02389, and SJ 03079 are located 0.75 miles southeast of the location. | NMOSE NMWRRS, Cedar Hill Quadrangle, Google Earth, and Visual Inspection |
| | 0 (No) | | | |
| **Distance to Surface Water Body** | | | | |
| <200 horizontal feet | 20 | 0 | Unnamed wash (blue line) located 1,057 feet southwest of location which drains to the San Juan River. | Cedar Hill Quadrangle, Google Earth, and Visual Inspection |
| 200 to 1,000 horizontal feet | 10 | | | |
| >1,000 horizontal feet | 0 | | | |
| **Site Based Total Ranking Score** | | **10** | | |

**Table 2. Soil Sampling Results-VOCs, Benzene, Total BTEX, and TPH**
**Primo 1**
**San Juan County, New Mexico**
**ConocoPhillips**

| Sample ID | Date | Location | Sample Depth (ft bgs) | VOCs* (PID) (ppm) | TPH* (418.1) (mg/kg) | Benzene (mg/kg) | Total BTEX (mg/kg) | TPH-GRO (mg/kg) | TPH-DRO (mg/kg) |
|---|---|---|---|---|---|---|---|---|---|
| **EPO/NMOCD Action Levels**** | | | | **100** | **1,000** | **10** | **50** | **1,000** | |
| SC-1 | Jun 22, 15 | North Wall | 0 to 3.7 | **277** | 759 | <0.047 | 0.17 | 14 | 220 |
| SC-2 | Jun 22, 15 | South Wall | 0 to 3.7 | **762** | 736 | <0.031 | 3.8 | 110 | 430 |
| SC-3 | Jun 22, 15 | East Wall | 0 to 3.7 | **345** | 459 | <0.035 | 1.1 | 40 | 150 |
| SC-4 | Jun 22, 15 | West Wall | 0 to 3.7 | **539** | 492 | <0.038 | 1.9 | 56 | 250 |
| SC-5 | Jun 22, 15 | Base | 3.7 | **766** | 736 | <0.034 | 0.77 | 57 | 310 |

Notes: * field results
ft bgs - feet below ground surface
VOCs - volatile organic compounds
PID - photo-ionization detector
ppm - parts per million
mg/kg - milligrams/kilograms
TPH-total petroleum hydrocarbons
BTEX - benzene, toluene, ethylbenzene, and xylenes
TPH-GRO - total petroleum hydrocarbons-gasoline range organics
TPH-DRO - total petroleum hydrocarbons-diesel range organics
**NMOCD Guidelines for Remediation of Leaks, Spills, and Releases (1993)

# Figures


Rule Engineering, LLC
Solutions to Regulations for Industry

0 1,000 2,000 3,000 4,000 Feet

**Location**
K-6-T31N-R10W
N36.92477, W107.92744
San Juan County, New Mexico

**Topographic Map**
ConocoPhillips
Primo 1
API: #30-045-11019

Date: 7/20/2015 | File: 150715 Primo 1 Topographic Map | Figure: 1

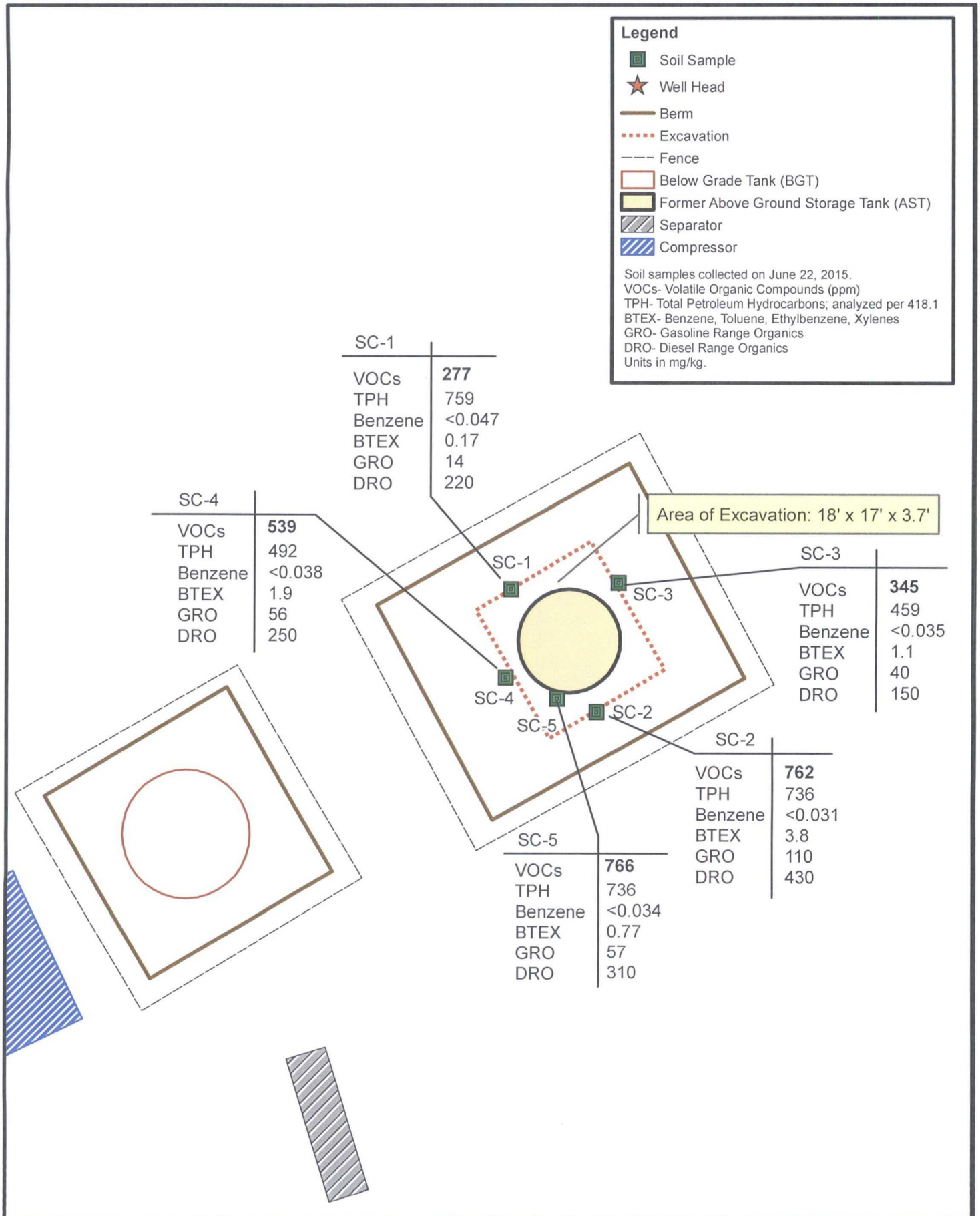

Rule Engineering, LLC
Solutions to Regulations for Industry

0 25 50 75 100 Feet

N

| Location | Aerial Site Map |
|---|---|
| K-6-T31N-R10W<br>N36.92477, W107.92744<br>San Juan County, New Mexico | ConocoPhillips<br>Primo 1<br>API: #30-045-11019 |

Date: 7/22/2015 | File: 150715 Primo 1 Aerial Site Map | Figure: 1


Legend
Soil Sample
Well Head
Berm
Excavation
Fence
Below Grade Tank (BGT)
Former Above Ground Storage Tank (AST)
Separator
Compressor
Soil samples collected on June 22, 2015.
VOCs- Volatile Organic Compounds (ppm)
TPH- Total Petroleum Hydrocarbons; analyzed per 418.1
BTEX- Benzene, Toluene, Ethylbenzene, Xylenes
GRO- Gasoline Range Organics
DRO- Diesel Range Organics
Units in mg/kg.
SC-1
VOCs 277
TPH 759
Benzene <0.047
BTEX 0.17
GRO 14
DRO 220
SC-4
VOCs 539
TPH 492
Benzene <0.038
BTEX 1.9
GRO 56
DRO 250
Area of Excavation: 18' x 17' x 3.7'
SC-1
SC-3
SC-4
SC-5
SC-2
SC-3
VOCs 345
TPH 459
Benzene <0.035
BTEX 1.1
GRO 40
DRO 150
SC-2
VOCs 762
TPH 736
Benzene <0.031
BTEX 3.8
GRO 110
DRO 430
SC-5
VOCs 766
TPH 736
Benzene <0.034
BTEX 0.77
GRO 57
DRO 310
Rule Engineering, LLC
Solutions to Regulations for Industry
0 10 20 30 40 Feet
Location
K-6-T31N-R10W
N36.92477, W107.92744
San Juan County, New Mexico
Soil Analytical Map
ConocoPhillips
Primo 1
API: #30-045-11019
Date: 7/22/2015
File: 150622 Primo 1 Soil Analytical Map
Figure: 3

# Appendix A

# Analytical Laboratory Report

HALL ENVIRONMENTAL ANALYSIS LABORATORY

*Hall Environmental Analysis Laboratory*
*4901 Hawkins NE*
*Albuquerque, NM 87109*
*TEL: 505-345-3975 FAX: 505-345-4107*
*Website: www.hallenvironmental.com*

June 26, 2015

Deborah Watson
Rule Engineering LLC
501 Airport Dr., Ste 205
Farmington, NM 87401
TEL: (505) 860-2712
FAX

RE: Primo 1 OrderNo.: 1506A33

Dear Deborah Watson:

Hall Environmental Analysis Laboratory received 5 sample(s) on 6/23/2015 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0190

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

**Analytical Report**
Lab Order **1506A33**
Date Reported: **6/26/2015**

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Rule Engineering LLC
**Project:** Primo 1
**Lab ID:** 1506A33-001 **Matrix:** SOIL

**Client Sample ID:** SC-1
**Collection Date:** 6/22/2015 1:20:00 PM
**Received Date:** 6/23/2015 6:58:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|---|---|---|---|---|---|---|---|
| **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** | | | | | | Analyst: **KJH** | |
| Diesel Range Organics (DRO) | 220 | 9.9 | | mg/Kg | 1 | 6/25/2015 4:55:06 PM | 19916 |
| Surr: DNOP | 106 | 57.9-140 | | %REC | 1 | 6/25/2015 4:55:06 PM | 19916 |
| **EPA METHOD 8015D: GASOLINE RANGE** | | | | | | Analyst: **NSB** | |
| Gasoline Range Organics (GRO) | 14 | 4.7 | | mg/Kg | 1 | 6/24/2015 10:25:58 PM | 19882 |
| Surr: BFB | 208 | 75.4-113 | S | %REC | 1 | 6/24/2015 10:25:58 PM | 19882 |
| **EPA METHOD 8021B: VOLATILES** | | | | | | Analyst: **NSB** | |
| Benzene | ND | 0.047 | | mg/Kg | 1 | 6/24/2015 10:25:58 PM | 19882 |
| Toluene | ND | 0.047 | | mg/Kg | 1 | 6/24/2015 10:25:58 PM | 19882 |
| Ethylbenzene | ND | 0.047 | | mg/Kg | 1 | 6/24/2015 10:25:58 PM | 19882 |
| Xylenes, Total | 0.17 | 0.093 | | mg/Kg | 1 | 6/24/2015 10:25:58 PM | 19882 |
| Surr: 4-Bromofluorobenzene | 101 | 80-120 | | %REC | 1 | 6/24/2015 10:25:58 PM | 19882 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| J | Analyte detected below quantitation limits | ND | Not Detected at the Reporting Limit |
| O | RSD is greater than RSDlimit | P | Sample pH Not In Range |
| R | RPD outside accepted recovery limits | RL | Reporting Detection Limit |
| S | Spike Recovery outside accepted recovery limits | | |

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Rule Engineering LLC
**Client Sample ID:** SC-2
**Project:** Primo 1
**Collection Date:** 6/22/2015 3:15:00 PM
**Lab ID:** 1506A33-002
**Matrix:** SOIL
**Received Date:** 6/23/2015 6:58:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|---|---|---|---|---|---|---|---|
| **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** | | | | | | Analyst: **KJH** | |
| Diesel Range Organics (DRO) | 430 | 99 | | mg/Kg | 10 | 6/25/2015 3:28:13 PM | 19916 |
| Surr: DNOP | 0 | 57.9-140 | S | %REC | 10 | 6/25/2015 3:28:13 PM | 19916 |
| **EPA METHOD 8015D: GASOLINE RANGE** | | | | | | Analyst: **NSB** | |
| Gasoline Range Organics (GRO) | 110 | 3.1 | | mg/Kg | 1 | 6/24/2015 10:54:43 PM | 19882 |
| Surr: BFB | 1240 | 75.4-113 | S | %REC | 1 | 6/24/2015 10:54:43 PM | 19882 |
| **EPA METHOD 8021B: VOLATILES** | | | | | | Analyst: **NSB** | |
| Benzene | ND | 0.031 | | mg/Kg | 1 | 6/24/2015 10:54:43 PM | 19882 |
| Toluene | ND | 0.031 | | mg/Kg | 1 | 6/24/2015 10:54:43 PM | 19882 |
| Ethylbenzene | 0.26 | 0.031 | | mg/Kg | 1 | 6/24/2015 10:54:43 PM | 19882 |
| Xylenes, Total | 3.5 | 0.062 | | mg/Kg | 1 | 6/24/2015 10:54:43 PM | 19882 |
| Surr: 4-Bromofluorobenzene | 224 | 80-120 | S | %REC | 1 | 6/24/2015 10:54:43 PM | 19882 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| J | Analyte detected below quantitation limits | ND | Not Detected at the Reporting Limit |
| O | RSD is greater than RSDlimit | P | Sample pH Not In Range |
| R | RPD outside accepted recovery limits | RL | Reporting Detection Limit |
| S | Spike Recovery outside accepted recovery limits | | |

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Rule Engineering LLC
**Client Sample ID:** SC-3
**Project:** Primo 1
**Collection Date:** 6/22/2015 1:24:00 PM
**Lab ID:** 1506A33-003
**Matrix:** SOIL
**Received Date:** 6/23/2015 6:58:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|---|---|---|---|---|---|---|---|
| **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** | | | | | | Analyst: **KJH** | |
| Diesel Range Organics (DRO) | 150 | 10 | | mg/Kg | 1 | 6/25/2015 6:21:07 PM | 19916 |
| Surr: DNOP | 106 | 57.9-140 | | %REC | 1 | 6/25/2015 6:21:07 PM | 19916 |
| **EPA METHOD 8015D: GASOLINE RANGE** | | | | | | Analyst: **NSB** | |
| Gasoline Range Organics (GRO) | 40 | 3.5 | | mg/Kg | 1 | 6/24/2015 11:23:21 PM | 19882 |
| Surr: BFB | 511 | 75.4-113 | S | %REC | 1 | 6/24/2015 11:23:21 PM | 19882 |
| **EPA METHOD 8021B: VOLATILES** | | | | | | Analyst: **NSB** | |
| Benzene | ND | 0.035 | | mg/Kg | 1 | 6/24/2015 11:23:21 PM | 19882 |
| Toluene | ND | 0.035 | | mg/Kg | 1 | 6/24/2015 11:23:21 PM | 19882 |
| Ethylbenzene | 0.059 | 0.035 | | mg/Kg | 1 | 6/24/2015 11:23:21 PM | 19882 |
| Xylenes, Total | 1.0 | 0.069 | | mg/Kg | 1 | 6/24/2015 11:23:21 PM | 19882 |
| Surr: 4-Bromofluorobenzene | 134 | 80-120 | S | %REC | 1 | 6/24/2015 11:23:21 PM | 19882 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| J | Analyte detected below quantitation limits | ND | Not Detected at the Reporting Limit |
| O | RSD is greater than RSDlimit | P | Sample pH Not In Range |
| R | RPD outside accepted recovery limits | RL | Reporting Detection Limit |
| S | Spike Recovery outside accepted recovery limits | | |

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Rule Engineering LLC
**Client Sample ID:** SC-4
**Project:** Primo 1
**Collection Date:** 6/22/2015 4:10:00 PM
**Lab ID:** 1506A33-004
**Matrix:** SOIL
**Received Date:** 6/23/2015 6:58:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|---|---|---|---|---|---|---|---|
| **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** | | | | | | Analyst: **KJH** | |
| Diesel Range Organics (DRO) | 250 | 9.9 | | mg/Kg | 1 | 6/25/2015 7:03:56 PM | 19916 |
| Surr: DNOP | 108 | 57.9-140 | | %REC | 1 | 6/25/2015 7:03:56 PM | 19916 |
| **EPA METHOD 8015D: GASOLINE RANGE** | | | | | | Analyst: **NSB** | |
| Gasoline Range Organics (GRO) | 56 | 3.8 | | mg/Kg | 1 | 6/24/2015 11:52:00 PM | R27049 |
| Surr: BFB | 494 | 75.4-113 | S | %REC | 1 | 6/24/2015 11:52:00 PM | R27049 |
| **EPA METHOD 8021B: VOLATILES** | | | | | | Analyst: **NSB** | |
| Benzene | ND | 0.038 | | mg/Kg | 1 | 6/24/2015 11:52:00 PM | 19882 |
| Toluene | ND | 0.038 | | mg/Kg | 1 | 6/24/2015 11:52:00 PM | 19882 |
| Ethylbenzene | 0.17 | 0.038 | | mg/Kg | 1 | 6/24/2015 11:52:00 PM | 19882 |
| Xylenes, Total | 1.7 | 0.077 | | mg/Kg | 1 | 6/24/2015 11:52:00 PM | 19882 |
| Surr: 4-Bromofluorobenzene | 138 | 80-120 | S | %REC | 1 | 6/24/2015 11:52:00 PM | 19882 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| J | Analyte detected below quantitation limits | ND | Not Detected at the Reporting Limit |
| O | RSD is greater than RSDlimit | P | Sample pH Not In Range |
| R | RPD outside accepted recovery limits | RL | Reporting Detection Limit |
| S | Spike Recovery outside accepted recovery limits | | |

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Rule Engineering LLC
**Client Sample ID:** SC-5
**Project:** Primo 1
**Collection Date:** 6/22/2015 4:15:00 PM
**Lab ID:** 1506A33-005
**Matrix:** SOIL
**Received Date:** 6/23/2015 6:58:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|---|---|---|---|---|---|---|---|
| **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** | | | | | | Analyst: **KJH** | |
| Diesel Range Organics (DRO) | 310 | 9.8 | | mg/Kg | 1 | 6/25/2015 7:46:45 PM | 19916 |
| Surr: DNOP | 117 | 57.9-140 | | %REC | 1 | 6/25/2015 7:46:45 PM | 19916 |
| **EPA METHOD 8015D: GASOLINE RANGE** | | | | | | Analyst: **NSB** | |
| Gasoline Range Organics (GRO) | 57 | 3.4 | | mg/Kg | 1 | 6/25/2015 1:18:17 AM | R27049 |
| Surr: BFB | 765 | 75.4-113 | S | %REC | 1 | 6/25/2015 1:18:17 AM | R27049 |
| **EPA METHOD 8021B: VOLATILES** | | | | | | Analyst: **NSB** | |
| Benzene | ND | 0.034 | | mg/Kg | 1 | 6/25/2015 1:18:17 AM | 19882 |
| Toluene | ND | 0.034 | | mg/Kg | 1 | 6/25/2015 1:18:17 AM | 19882 |
| Ethylbenzene | ND | 0.034 | | mg/Kg | 1 | 6/25/2015 1:18:17 AM | 19882 |
| Xylenes, Total | 0.77 | 0.067 | | mg/Kg | 1 | 6/25/2015 1:18:17 AM | 19882 |
| Surr: 4-Bromofluorobenzene | 153 | 80-120 | S | %REC | 1 | 6/25/2015 1:18:17 AM | 19882 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| J | Analyte detected below quantitation limits | ND | Not Detected at the Reporting Limit |
| O | RSD is greater than RSDlimit | P | Sample pH Not In Range |
| R | RPD outside accepted recovery limits | RL | Reporting Detection Limit |
| S | Spike Recovery outside accepted recovery limits | | |

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: **1506A33**

***26-Jun-15***

**Client:** Rule Engineering LLC

**Project:** Primo 1

| Sample ID **MB-19916** | SampType: **MBLK** | TestCode: **EPA Method 8015M/D: Diesel Range Organics** |
|---|---|---|
| Client ID: **PBS** | Batch ID: **19916** | RunNo: **27076** |
| Prep Date: **6/24/2015** | Analysis Date: **6/25/2015** | SeqNo: **809972** Units: **mg/Kg** |

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| Diesel Range Organics (DRO) | ND | 10 | | | | | | | | |
| Surr: DNOP | 8.8 | | 10.00 | | 87.9 | 57.9 | 140 | | | |

| Sample ID **LCS-19916** | SampType: **LCS** | TestCode: **EPA Method 8015M/D: Diesel Range Organics** |
|---|---|---|
| Client ID: **LCSS** | Batch ID: **19916** | RunNo: **27076** |
| Prep Date: **6/24/2015** | Analysis Date: **6/25/2015** | SeqNo: **809973** Units: **mg/Kg** |

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| Diesel Range Organics (DRO) | 43 | 10 | 50.00 | 0 | 85.3 | 57.4 | 139 | | | |
| Surr: DNOP | 4.6 | | 5.000 | | 91.3 | 57.9 | 140 | | | |

| Sample ID **1506A33-001AMS** | SampType: **MS** | TestCode: **EPA Method 8015M/D: Diesel Range Organics** |
|---|---|---|
| Client ID: **SC-1** | Batch ID: **19916** | RunNo: **27076** |
| Prep Date: **6/24/2015** | Analysis Date: **6/25/2015** | SeqNo: **810053** Units: **mg/Kg** |

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| Diesel Range Organics (DRO) | 250 | 10 | 50.05 | 222.8 | 53.3 | 42.3 | 146 | | | |
| Surr: DNOP | 5.8 | | 5.005 | | 116 | 57.9 | 140 | | | |

| Sample ID **1506A33-001AMSD** | SampType: **MSD** | TestCode: **EPA Method 8015M/D: Diesel Range Organics** |
|---|---|---|
| Client ID: **SC-1** | Batch ID: **19916** | RunNo: **27076** |
| Prep Date: **6/24/2015** | Analysis Date: **6/25/2015** | SeqNo: **810054** Units: **mg/Kg** |

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| Diesel Range Organics (DRO) | 210 | 9.7 | 48.64 | 222.8 | -22.8 | 42.3 | 146 | 16.4 | 28.9 | S |
| Surr: DNOP | 5.9 | | 4.864 | | 121 | 57.9 | 140 | 0 | 0 | |

**Qualifiers:**

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH Not In Range
- RL Reporting Detection Limit

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: **1506A33**

***26-Jun-15***

**Client:** Rule Engineering LLC

**Project:** Primo 1

| Sample ID | MB-19882 | SampType: | MBLK | | TestCode: | EPA Method 8015D: Gasoline Range | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBS | Batch ID: | 19882 | | RunNo: | 27049 | | | | |
| Prep Date: | 6/23/2015 | Analysis Date: | 6/24/2015 | | SeqNo: | 808572 | Units: | mg/Kg | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | ND | 5.0 | | | | | | | | |
| Surr: BFB | 840 | | 1000 | | 84.2 | 75.4 | 113 | | | |

| Sample ID | LCS-19882 | SampType: | LCS | | TestCode: | EPA Method 8015D: Gasoline Range | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSS | Batch ID: | 19882 | | RunNo: | 27049 | | | | |
| Prep Date: | 6/23/2015 | Analysis Date: | 6/24/2015 | | SeqNo: | 808573 | Units: | mg/Kg | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | 25 | 5.0 | 25.00 | 0 | 98.6 | 64 | 130 | | | |
| Surr: BFB | 920 | | 1000 | | 92.3 | 75.4 | 113 | | | |

| Sample ID | B25 | SampType: | MBLK | | TestCode: | EPA Method 8015D: Gasoline Range | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBS | Batch ID: | R27049 | | RunNo: | 27049 | | | | |
| Prep Date: | | Analysis Date: | 6/24/2015 | | SeqNo: | 808583 | Units: | mg/Kg | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | ND | 5.0 | | | | | | | | |
| Surr: BFB | 870 | | 1000 | | 87.0 | 75.4 | 113 | | | |

| Sample ID | 2.5UG GRO LCS | SampType: | LCS | | TestCode: | EPA Method 8015D: Gasoline Range | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSS | Batch ID: | R27049 | | RunNo: | 27049 | | | | |
| Prep Date: | | Analysis Date: | 6/24/2015 | | SeqNo: | 808584 | Units: | mg/Kg | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | 20 | 5.0 | 25.00 | 0 | 80.8 | 64 | 130 | | | |
| Surr: BFB | 910 | | 1000 | | 91.4 | 75.4 | 113 | | | |

| Sample ID | 1506A33-004AMS | SampType: | MS | | TestCode: | EPA Method 8015D: Gasoline Range | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | SC-4 | Batch ID: | R27049 | | RunNo: | 27049 | | | | |
| Prep Date: | | Analysis Date: | 6/25/2015 | | SeqNo: | 808586 | Units: | mg/Kg | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | 73 | 3.8 | 19.17 | 55.82 | 89.7 | 47.9 | 144 | | | |
| Surr: BFB | 3800 | | 766.9 | | 493 | 75.4 | 113 | | | S |

| Sample ID | 1506A33-004AMSD | SampType: | MSD | | TestCode: | EPA Method 8015D: Gasoline Range | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | SC-4 | Batch ID: | R27049 | | RunNo: | 27049 | | | | |
| Prep Date: | | Analysis Date: | 6/25/2015 | | SeqNo: | 808587 | Units: | mg/Kg | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |

**Qualifiers:**

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH Not In Range
- RL Reporting Detection Limit

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: **1506A33**

***26-Jun-15***

**Client:** Rule Engineering LLC

**Project:** Primo 1

| Sample ID **1506A33-004AMSD** | SampType: **MSD** | TestCode: **EPA Method 8015D: Gasoline Range** |
|---|---|---|
| Client ID: **SC-4** | Batch ID: **R27049** | RunNo: **27049** |
| Prep Date: | Analysis Date: **6/25/2015** | SeqNo: **808587** Units: **mg/Kg** |

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO) | 72 | 3.8 | 19.17 | 55.82 | 84.5 | 47.9 | 144 | 1.36 | 29.9 | |
| Surr: BFB | 3600 | | 766.9 | | 475 | 75.4 | 113 | 0 | 0 | S |

**Qualifiers:**

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH Not In Range
- RL Reporting Detection Limit

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: **1506A33**

***26-Jun-15***

**Client:** Rule Engineering LLC

**Project:** Primo 1

| Sample ID **MB-19882** | SampType: **MBLK** | TestCode: **EPA Method 8021B: Volatiles** |
|---|---|---|
| Client ID: **PBS** | Batch ID: **19882** | RunNo: **27049** |
| Prep Date: **6/23/2015** | Analysis Date: **6/24/2015** | SeqNo: **808592** Units: **mg/Kg** |

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | ND | 0.050 | | | | | | | | |
| Toluene | ND | 0.050 | | | | | | | | |
| Ethylbenzene | ND | 0.050 | | | | | | | | |
| Xylenes, Total | ND | 0.10 | | | | | | | | |
| Surr: 4-Bromofluorobenzene | 0.86 | | 1.000 | | 86.4 | 80 | 120 | | | |

| Sample ID **LCS-19882** | SampType: **LCS** | TestCode: **EPA Method 8021B: Volatiles** |
|---|---|---|
| Client ID: **LCSS** | Batch ID: **19882** | RunNo: **27049** |
| Prep Date: **6/23/2015** | Analysis Date: **6/24/2015** | SeqNo: **808593** Units: **mg/Kg** |

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | 1.1 | 0.050 | 1.000 | 0 | 105 | 76.6 | 128 | | | |
| Toluene | 1.0 | 0.050 | 1.000 | 0 | 102 | 75 | 124 | | | |
| Ethylbenzene | 1.0 | 0.050 | 1.000 | 0 | 104 | 79.5 | 126 | | | |
| Xylenes, Total | 3.1 | 0.10 | 3.000 | 0 | 103 | 78.8 | 124 | | | |
| Surr: 4-Bromofluorobenzene | 0.94 | | 1.000 | | 94.5 | 80 | 120 | | | |

**Qualifiers:**

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH Not In Range
- RL Reporting Detection Limit

HALL ENVIRONMENTAL ANALYSIS LABORATORY

*Hall Environmental Analysis Laboratory*
*4901 Hawkins NE*
*Albuquerque, NM 87109*
*TEL: 505-345-3975 FAX: 505-345-4107*
*Website: www.hallenvironmental.com*

# Sample Log-In Check List

Client Name: RULE ENGINEERING LL  Work Order Number: 1506A33  RcptNo: 1

Received by/date: CM 06/23/15

Logged By: Anne Thorne  6/23/2015 6:58:00 AM  Anne Thorne

Completed By: Anne Thorne  6/23/2015  Anne Thorne

Reviewed By:  06/24/15

## Chain of Custody

| | | | |
|---|---|---|---|
| 1. Custody seals intact on sample bottles? | Yes ☐ | No ☐ | Not Present ☑ |
| 2. Is Chain of Custody complete? | Yes ☑ | No ☐ | Not Present ☐ |
| 3. How was the sample delivered? | Courier | | |

## Log In

| | | | |
|---|---|---|---|
| 4. Was an attempt made to cool the samples? | Yes ☑ | No ☐ | NA ☐ |
| 5. Were all samples received at a temperature of >0° C to 6.0°C | Yes ☑ | No ☐ | NA ☐ |
| 6. Sample(s) in proper container(s)? | Yes ☑ | No ☐ | |
| 7. Sufficient sample volume for indicated test(s)? | Yes ☑ | No ☐ | |
| 8. Are samples (except VOA and ONG) properly preserved? | Yes ☑ | No ☐ | |
| 9. Was preservative added to bottles? | Yes ☐ | No ☑ | NA ☐ |
| 10. VOA vials have zero headspace? | Yes ☐ | No ☐ | No VOA Vials ☑ |
| 11. Were any sample containers received broken? | Yes ☐ | No ☑ | |
| 12. Does paperwork match bottle labels? (Note discrepancies on chain of custody) | Yes ☑ | No ☐ | |
| 13. Are matrices correctly identified on Chain of Custody? | Yes ☑ | No ☐ | |
| 14. Is it clear what analyses were requested? | Yes ☑ | No ☐ | |
| 15. Were all holding times able to be met? (If no, notify customer for authorization.) | Yes ☑ | No ☐ | |

# of preserved bottles checked for pH: _____ (<2 or >12 unless noted)

Adjusted? _____

Checked by: _____

## Special Handling (if applicable)

16. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☑

Person Notified: _____ Date _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

17. Additional remarks:

18. Cooler Information

| Cooler No | Temp °C | Condition | Seal Intact | Seal No | Seal Date | Signed By |
|---|---|---|---|---|---|---|
| 1 | 2.8 | Good | Yes | | | |

# Chain-of-Custody Record

Client: Ruk Engineering

Mailing Address: 501 Airport Suite 205 Farmington NM

Phone #: 505 860 2718

email or Fax#:

QA/QC Package:
☒ Standard ☐ Level 4 (Full Validation)

Accreditation
☐ NELAP ☐ Other _____

☐ EDD (Type) _____

Turn-Around Time:
☒ Standard ☐ Rush _____

Project Name: Primo 1

Project #:

Project Manager: D Watson

Sampler: D Watson

On Ice: ☒ Yes ☐ No

Sample Temperature: 2.3

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

| Date | Time | Matrix | Sample Request ID | Container Type and # | Preservative Type | HEAL No. 1506A33 | BTEX + ~~MTBE~~ + ~~TPH~~ Gasoline (8021) | BTEX + MTBE + TPH (Gas only) | TPH 8015B (GRO / DRO / MRO) | TPH (Method 418.1) | EDB (Method 504.1) | PAH's (8310 or 8270 SIMS) | RCRA 8 Metals | Anions ($F, Cl, NO_3, NO_2, PO_4, SO_4$) | 8081 Pesticides / 8082 PCB's | 8260B (VOA) | 8270 (Semi-VOA) | | | | | Air Bubbles (Y or N) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 6-22-15 | 1320 | Soil | SC-1 | 1-4oz 1-NoHNO3 | cold Meoh | -001 | X | | X | | | | | | | | | | | | | |
| | 1515 | Soil | SC-2 | | | -002 | X | | X | | | | | | | | | | | | | |
| | 1324 | Soil | SC-3 | | | -003 | X | | X | | | | | | | | | | | | | |
| | 1610 | Soil | SC-4 | | | -004 | X | | X | | | | | | | | | | | | | |
| | 1615 | Soil | SC-5 | | | -005 | X | | X | | | | | | | | | | | | | |

| Date: | Time: | Relinquished by: | Received by: | Date | Time |
|---|---|---|---|---|---|
| 6/22/15 | 1840 | Debrah Watson | Christen Wheeler | 6/22/15 | 1840 |
| 6/22/15 | 1910 | Mister Watson | | 06/23/15 | 0658 |

Remarks: Invoice COP A06123115
Network #: WAN.CFO.5008.FC.32
User: KGARCIA
ordered by Doyle Clark

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.