

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised August 8, 2011

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

Release Notification and Corrective Action

OPERATOR Initial Report Final Report

| | |
|---|---------------------------------|
| Name of Company: BP | Contact: Steve Moskal |
| Address: 200 Energy Court, Farmington, NM 87401 | Telephone No.: 505-326-9497 |
| Facility Name: Florance Gas Com D 004A | Facility Type: Natural gas well |

| | | |
|------------------------|------------------------|--------------------|
| Surface Owner: Federal | Mineral Owner: Federal | API No. 3004522147 |
|------------------------|------------------------|--------------------|

LOCATION OF RELEASE

| | | | | | | | | |
|------------------|---------------|-----------------|--------------|------------------------|---------------------------|------------------------|------------------------|------------------|
| Unit Letter C | Section 10 | Township 30N | Range 09W | Feet from the 1,080 | North/South Line North | Feet from the 1,605 | East/West Line West | County: San Juan |
|------------------|---------------|-----------------|--------------|------------------------|---------------------------|------------------------|------------------------|------------------|

Latitude 36.82966° Longitude -107.77162°

NATURE OF RELEASE

| | | |
|--|---|----------------------------------|
| Type of Release: none <i>21 bbl (8m)</i> | Volume of Release: unknown | Volume Recovered: N/A |
| Source of Release: below grade tank - <i>98 bbl</i> | Date and Hour of Occurrence: none | Date and Hour of Discovery: none |
| Was Immediate Notice Given? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Required | If YES, To Whom? | |
| By Whom? | Date and Hour | |
| Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | If YES, Volume Impacting the Watercourse. | |

OIL CONS. DIV DIST. 3
AUG 09 2017

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.* Sampling of the soil beneath the BGT was done during removal. Soil analysis resulted for BTEX and chloride below BGT closure standards. TPH indicated a release had occurred but was below the spill and release site ranking remediation guidelines. Field reports and laboratory results are attached.

Describe Area Affected and Cleanup Action Taken.* No action necessary. Final laboratory analysis determined no remedial action is required.

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: <i>Steve Moskal</i> | OIL CONSERVATION DIVISION | |
| Printed Name: Steve Moskal | Approved by Environmental Specialist: <i>[Signature]</i> | |
| Title: Field Environmental Coordinator | Approval Date: <i>8/17/17</i> | Expiration Date: |
| E-mail Address: steven.moskal@bp.com | Conditions of Approval: <i>—</i> | Attached <input type="checkbox"/> |
| Date: August 7, 2017 | Phone: 505-326-9497 | |

* Attach Additional Sheets If Necessary

#NCS1722937973

10

| | | |
|-------------------|---|-----------------------------------|
| CLIENT: BP | BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199 | API #: 3004522147 |
| | | TANK ID (if applicable): B |

FIELD REPORT: (circle one) BGT CONFIRMATION / RELEASE INVESTIGATION / OTHER:

PAGE #: **1** of **1**

| | | |
|---|--------------------------------------|---|
| SITE INFORMATION: | SITE NAME: FLORANCE GC D # 4A | DATE STARTED: 10/04/16 |
| QUAD/UNIT: C SEC: 10 TWP: 30N RNG: 9W PM: NM CNTY: SJ ST: NM | | DATE FINISHED: |
| 1/4 -1/4/FOOTAGE: 1,080'N / 1,605'W NE/NW LEASE TYPE: <input checked="" type="checkbox"/> FEDERAL / <input type="checkbox"/> STATE / <input type="checkbox"/> FEE / <input type="checkbox"/> INDIAN | | ENVIRONMENTAL SPECIALIST(S): NJV |
| LEASE #: SF081098A PROD. FORMATION: FT/MV CONTRACTOR: STRIKE BP - J. GONZALES | | |

| | | |
|------------------------------|--|--|
| REFERENCE POINT: | WELL HEAD (W.H.) GPS COORD.: 36.83008 X 107.77145 | GL ELEV.: 6,100' |
| 1) 21 BGT (SW/DB) - B | GPS COORD.: 36.82966 X 107.77162 | DISTANCE/BEARING FROM WH.: 134.5', S18W |
| 2) _____ | GPS COORD.: _____ | DISTANCE/BEARING FROM WH.: _____ |
| 3) _____ | GPS COORD.: _____ | DISTANCE/BEARING FROM WH.: _____ |
| 4) _____ | GPS COORD.: _____ | DISTANCE/BEARING FROM WH.: _____ |

| | | |
|---|---|-------------------|
| SAMPLING DATA: | CHAIN OF CUSTODY RECORD(S) # OR LAB USED: HALL | OVM READING (ppm) |
| 1) SAMPLE ID: 5PC - TB @ 5' (21) - B | SAMPLE DATE: 10/04/16 SAMPLE TIME: 1345 LAB ANALYSIS: 8015B/8021B/300.0 (CI) | 545 |
| 2) SAMPLE ID: _____ | SAMPLE DATE: _____ SAMPLE TIME: _____ LAB ANALYSIS: _____ | |
| 3) SAMPLE ID: _____ | SAMPLE DATE: _____ SAMPLE TIME: _____ LAB ANALYSIS: _____ | |
| 4) SAMPLE ID: _____ | SAMPLE DATE: _____ SAMPLE TIME: _____ LAB ANALYSIS: _____ | |
| 5) SAMPLE ID: _____ | SAMPLE DATE: _____ SAMPLE TIME: _____ LAB ANALYSIS: _____ | |

SOIL DESCRIPTION: SOIL TYPE: SAND / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER: **BEDROCK (SANDSTONE) @ 21 BGT**

SOIL COLOR: **DARK YELLOWISH ORANGE - (non impacted)** PLASTICITY (CLAYS): NON PLASTIC / SLIGHTLY PLASTIC / COHESIVE / MEDIUM PLASTIC / HIGHLY PLASTIC

COHESION (ALL OTHERS): NON COHESIVE / SLIGHTLY COHESIVE / COHESIVE / HIGHLY COHESIVE DENSITY (COHESIVE CLAYS & SILTS): SOFT / FIRM / STIFF / VERY STIFF / HARD

CONSISTENCY (NON COHESIVE SOILS): LOOSE / FIRM / DENSE / VERY DENSE HC ODOR DETECTED: YES / NO EXPLANATION - **DISCOLORED SOILS &/OR BEDROCK AROUND & BENEATH BGT BOTTOM.**

MOISTURE: DRY / SLIGHTLY MOIST / MOIST / WET / SATURATED / SUPER SATURATED

SAMPLE TYPE: GRAB / COMPOSITE - # OF PTS. **5** ANY AREAS DISPLAYING WETNESS: YES / NO EXPLANATION - _____

DISCOLORATION/STAINING OBSERVED: YES / NO EXPLANATION - **MEDIUM GRAY BENEATH BGT.**

SITE OBSERVATIONS: LOST INTEGRITY OF EQUIPMENT: YES / NO EXPLANATION - **UNDETERMINED**

APPARENT EVIDENCE OF A RELEASE OBSERVED AND/OR OCCURRED: YES / NO EXPLANATION: **PHYSICALLY FROM DISCOLORATION & HYDROCARBON ODOR.**

EQUIPMENT SET OVER RECLAIMED AREA: YES / NO EXPLANATION - **UNDETERMINED AT THIS TIME.**

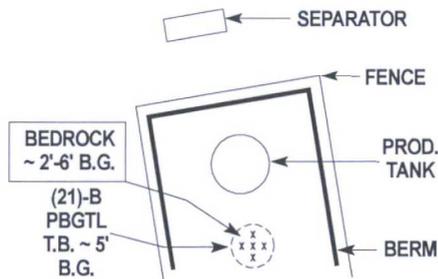
OTHER: **BEDROCK - VERY HARD, COMPETENT.**

EXCAVATION DIMENSION ESTIMATION: **NA** ft. X **NA** ft. X **NA** ft. EXCAVATION ESTIMATION (Cubic Yards): **NA**

DEPTH TO GROUNDWATER: **>100'** NEAREST WATER SOURCE: **>1,000'** NEAREST SURFACE WATER: **<1,000'** NMOCD TPH CLOSURE STD: **1,000** ppm

SITE SKETCH BGT Located : off / on site PLOT PLAN circle: **attached**

OVM CALIB. READ. = **52.6** ppm RF=0.52
OVM CALIB. GAS = **100** ppm
TIME: **1:26** am/pm DATE: **10/04/16**



X - S.P.D.

MISCELL. NOTES

WO: _____

REF #: **P-712**

VID: **VHIXONEVB2**

PJ #: _____

Permit date(s): **06/03/10**

OCD Appr. date(s): **09/12/16**

| | | |
|----------|--|--|
| Tank ID | OVM = Organic Vapor Meter ppm = parts per million | |
| B | BGT Sidewalls Visible: Y / <input checked="" type="checkbox"/> N | |
| | BGT Sidewalls Visible: Y / N | |
| | BGT Sidewalls Visible: Y / N | |

Magnetic declination: **10° E**

NOTES: BGT = BELOW-GRADE TANK; E.D. = EXCAVATION DEPRESSION; B.G. = BELOW GRADE; B = BELOW; T.H. = TEST HOLE; ~ = APPROX.; W.H. = WELL HEAD; T.B. = TANK BOTTOM; PBGTL = PREVIOUS BELOW-GRADE TANK LOCATION; SPD = SAMPLE POINT DESIGNATION; R.W. = RETAINING WALL; NA - NOT APPLICABLE OR NOT AVAILABLE; SW - SINGLE WALL; DW - DOUBLE WALL; SB - SINGLE BOTTOM; DB - DOUBLE BOTTOM.

NOTES: **GOOGLE EARTH IMAGERY DATE: 3/16/2016.** ONSITE: **10/04/16**

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1610166

Date Reported: 10/10/2016

CLIENT: Blagg Engineering

Client Sample ID: 5PC-TB@5' (21) - B

Project: Florance GC D 4A

Collection Date: 10/4/2016 1:45:00 PM

Lab ID: 1610166-001

Matrix: SOIL

Received Date: 10/5/2016 7:15:00 AM

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|-------|----|-----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: LGT |
| Chloride | ND | 30 | | mg/Kg | 20 | 10/7/2016 11:07:02 AM | 27963 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: TOM |
| Diesel Range Organics (DRO) | 150 | 9.8 | | mg/Kg | 1 | 10/6/2016 11:59:14 AM | 27906 |
| Motor Oil Range Organics (MRO) | 230 | 49 | | mg/Kg | 1 | 10/6/2016 11:59:14 AM | 27906 |
| Surr: DNOP | 109 | 70-130 | | %Rec | 1 | 10/6/2016 11:59:14 AM | 27906 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | 550 | 47 | | mg/Kg | 10 | 10/6/2016 3:13:49 PM | 27905 |
| Surr: BFB | 316 | 68.3-144 | S | %Rec | 10 | 10/6/2016 3:13:49 PM | 27905 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 0.024 | | mg/Kg | 1 | 10/6/2016 11:42:39 AM | 27905 |
| Toluene | 0.090 | 0.047 | | mg/Kg | 1 | 10/6/2016 11:42:39 AM | 27905 |
| Ethylbenzene | ND | 0.047 | | mg/Kg | 1 | 10/6/2016 11:42:39 AM | 27905 |
| Xylenes, Total | 28 | 0.94 | | mg/Kg | 10 | 10/6/2016 3:13:49 PM | 27905 |
| Surr: 4-Bromofluorobenzene | 125 | 80-120 | S | %Rec | 10 | 10/6/2016 3:13:49 PM | 27905 |

Total TPH = 930 mg/Kg
Closure standard = 1,000 mg/Kg according to the Spill & Release Guidelines

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

| | |
|---|--|
| <p>Qualifiers:</p> <ul style="list-style-type: none"> * Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit R RPD outside accepted recovery limits S % Recovery outside of range due to dilution or matrix | <ul style="list-style-type: none"> B Analyte detected in the associated Method Blank E Value above quantitation range J Analyte detected below quantitation limits P Sample pH Not In Range RL Reporting Detection Limit W Sample container temperature is out of limit as specified |
|---|--|

Chain-of-Custody Record

Client: **BLAGG ENGR. / BP AMERICA**

Mailing Address: **P.O. BOX 87
BLOOMFIELD, NM 87413**

Phone #: **(505) 632-1199**

email or Fax#:

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

Accreditation:
 NELAP Other _____
 EDD (Type) _____

Turn-Around Time: **10/7/2016**

Standard Rush

Project Name: **FLORANCE GC D # 4A**

Project #:

Project Manager: **NELSON VELEZ**

Sampler: **NELSON VELEZ** *NV*

On Ice: Yes No

Sample Temperature: *23*



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Analysis Request

| Date | Time | Matrix | Sample Request ID | Container Type and # | Preservative Type | HEAL No | BTEX + MTBE + TMBs (8021B) | BTEX + MTBE + TPH (Gas only) | TPH 8015B (GRO / DRO / MIRO) | TPH (Method 418.1) | EDB (Method 504.1) | PAH (8310 or 8270SIMS) | RCRA 8 Metals | Anions (F, Cl, NO ₃ , NO ₂ , PO ₄ , SO ₄) | 8081 Pesticides / 8082 PCB's | 8260B (VOA) | 8270 (Semi-VOA) | Chloride (soil - 300.0 / water - 300.1) | Grab sample | 5 pt. composite sample | Air Bubbles (Y or N) |
|--------------------|-----------------|-----------------|---------------------------------|----------------------|-------------------|----------|----------------------------|------------------------------|------------------------------|--------------------|--------------------|------------------------|---------------|--|------------------------------|-------------|-----------------|---|-------------|------------------------|----------------------|
| 10/04/16 | 1345 | SOIL | 5PC-TB @ 5' (21) - B | 4 oz. - 1 | Cool | 16101161 | -001 | ✓ | ✓ | | | | | | | | | ✓ | | ✓ | |
| 10/4/16 | 1235 | SOIL | 5PC-TB @ 5' (21) - B | 4 oz. - 1 | Cool | | -002 | ✓ | ✓ | | | | | | | | | ✓ | | ✓ | |

| | | | | | |
|----------------|------------|--------------------------------------|----------------------------------|----------------|------------|
| Date: 10/04/16 | Time: 1504 | Relinquished by: <i>[Signature]</i> | Received by: <i>Christ Waite</i> | Date: 10/4/16 | Time: 1504 |
| Date: 10/4/16 | Time: 1924 | Relinquished by: <i>Christ Waite</i> | Received by: <i>[Signature]</i> | Date: 10/05/16 | Time: 0715 |

Remarks: **BILL DIRECTLY TO BP USING THE CIRCLED CONTACT WITH CORRESPONDING VID & REFERENCE # WHEN APPLICABLE:**

VID: **Vance Hixon VHXONEVB2** Steve Moskal VMOS6HQFEC John Ritchie VRITCJWFEC

Reference #: **P - 712**

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.

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: 1610166
 10-Oct-16

Client: Blagg Engineering
Project: Florance GC D 4A

| Sample ID MB-27963 | SampType: MBLK | TestCode: EPA Method 300.0: Anions | | | | | | | | |
|-----------------------------|---------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 27963 | RunNo: 37812 | | | | | | | | |
| Prep Date: 10/7/2016 | Analysis Date: 10/7/2016 | SeqNo: 1177838 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | ND | 1.5 | | | | | | | | |

| Sample ID LCS-27963 | SampType: LCS | TestCode: EPA Method 300.0: Anions | | | | | | | | |
|-----------------------------|---------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 27963 | RunNo: 37812 | | | | | | | | |
| Prep Date: 10/7/2016 | Analysis Date: 10/7/2016 | SeqNo: 1177839 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | 14 | 1.5 | 15.00 | 0 | 94.9 | 90 | 110 | | | |

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: 1610166
 10-Oct-16

Client: Blagg Engineering
Project: Florance GC D 4A

| Sample ID MB-27906 | SampType: MBLK | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | | |
|--------------------------------|---------------------------------|--|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 27906 | RunNo: 37723 | | | | | | | | |
| Prep Date: 10/5/2016 | Analysis Date: 10/6/2016 | SeqNo: 1175180 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | ND | 10 | | | | | | | | |
| Motor Oil Range Organics (MRO) | ND | 50 | | | | | | | | |
| Surr: DNOP | 10 | | 10.00 | | 101 | 70 | 130 | | | |

| Sample ID LCS-27906 | SampType: LCS | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | | |
|-----------------------------|---------------------------------|--|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 27906 | RunNo: 37723 | | | | | | | | |
| Prep Date: 10/5/2016 | Analysis Date: 10/6/2016 | SeqNo: 1175400 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | 50 | 10 | 50.00 | 0 | 101 | 62.6 | 124 | | | |
| Surr: DNOP | 4.7 | | 5.000 | | 94.8 | 70 | 130 | | | |

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1610166
10-Oct-16

Client: Blagg Engineering
Project: Florance GC D 4A

| Sample ID | MB-27905 | SampType: | MBLK | TestCode: | EPA Method 8015D: Gasoline Range | | | | | |
|-------------------------------|------------------|----------------|------------------|-------------|---|----------|--------------|------|----------|------|
| Client ID: | PBS | Batch ID: | 27905 | RunNo: | 37740 | | | | | |
| Prep Date: | 10/5/2016 | Analysis Date: | 10/6/2016 | SeqNo: | 1176240 | 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 | 860 | | 1000 | | 86.3 | 68.3 | 144 | | | |

| Sample ID | LCS-27905 | SampType: | LCS | TestCode: | EPA Method 8015D: Gasoline Range | | | | | |
|-------------------------------|------------------|----------------|------------------|-------------|---|----------|--------------|------|----------|------|
| Client ID: | LCSS | Batch ID: | 27905 | RunNo: | 37740 | | | | | |
| Prep Date: | 10/5/2016 | Analysis Date: | 10/6/2016 | SeqNo: | 1176241 | Units: | mg/Kg | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | 31 | 5.0 | 25.00 | 0 | 123 | 74.6 | 123 | | | |
| Surr: BFB | 950 | | 1000 | | 95.3 | 68.3 | 144 | | | |

Qualifiers:

- | | |
|---|---|
| * Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D Sample Diluted Due to Matrix | 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 | P Sample pH Not In Range |
| R RPD outside accepted recovery limits | RL Reporting Detection Limit |
| S % Recovery outside of range due to dilution or matrix | W Sample container temperature is out of limit as specified |

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1610166
10-Oct-16

Client: Blagg Engineering
Project: Florance GC D 4A

| Sample ID | MB-27905 | SampType: | MBLK | TestCode: | EPA Method 8021B: Volatiles | | | | | |
|----------------------------|------------------|----------------|------------------|-------------|------------------------------------|----------|--------------|------|----------|------|
| Client ID: | PBS | Batch ID: | 27905 | RunNo: | 37740 | | | | | |
| Prep Date: | 10/5/2016 | Analysis Date: | 10/6/2016 | SeqNo: | 1176269 | Units: | mg/Kg | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | ND | 0.025 | | | | | | | | |
| Toluene | ND | 0.050 | | | | | | | | |
| Ethylbenzene | ND | 0.050 | | | | | | | | |
| Xylenes, Total | ND | 0.10 | | | | | | | | |
| Surr: 4-Bromofluorobenzene | 1.0 | | 1.000 | | 101 | 80 | 120 | | | |

| Sample ID | LCS-27905 | SampType: | LCS | TestCode: | EPA Method 8021B: Volatiles | | | | | |
|----------------------------|------------------|----------------|------------------|-------------|------------------------------------|----------|--------------|------|----------|------|
| Client ID: | LCSS | Batch ID: | 27905 | RunNo: | 37740 | | | | | |
| Prep Date: | 10/5/2016 | Analysis Date: | 10/6/2016 | SeqNo: | 1176270 | Units: | mg/Kg | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 1.0 | 0.025 | 1.000 | 0 | 100 | 75.2 | 115 | | | |
| Toluene | 0.98 | 0.050 | 1.000 | 0 | 98.3 | 80.7 | 112 | | | |
| Ethylbenzene | 1.0 | 0.050 | 1.000 | 0 | 100 | 78.9 | 117 | | | |
| Xylenes, Total | 2.9 | 0.10 | 3.000 | 0 | 98.3 | 79.2 | 115 | | | |
| Surr: 4-Bromofluorobenzene | 1.0 | | 1.000 | | 104 | 80 | 120 | | | |

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Sample Log-In Check List

Client Name: **BLAGG**

Work Order Number: **1610166**

RcptNo: **1**

Received by/date: ~~_____~~ 10/05/16

Logged By: **Lindsay Mangin** 10/5/2016 7:15:00 AM *Judy Mangin*

Completed By: **Lindsay Mangin** 10/5/2016 9:15:01 AM *Judy Mangin*

Reviewed By: *JC* 10/5/16

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? Yes No
(Note discrepancies on chain of custody)
- 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? Yes No
(If no, notify customer for authorization.)

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 | 2.3 | Good | Yes | | | |

