

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.

OIL CONS. DIV DIST. 3

Release Notification and Corrective Action

OCT 19 2016

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 GC 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
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Latitude 36.83008° Longitude -107.77145°

NATURE OF RELEASE

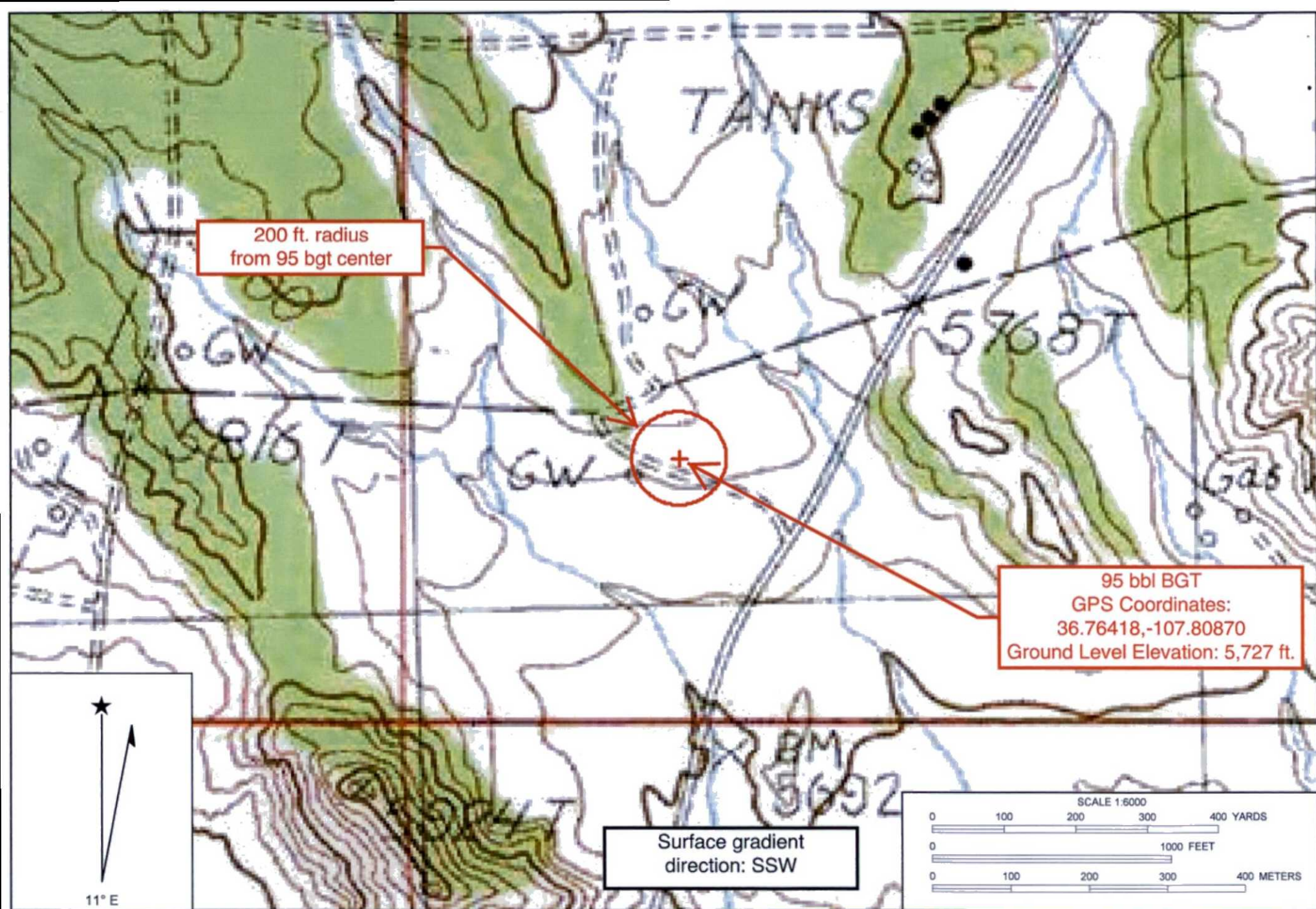
Type of Release: produced water	Volume of Release: unknown	Volume Recovered: none
Source of Release: Unknown; below 21 and 95 bbl BGTs	Date and Hour of Occurrence: unknown	Date and Hour of Discovery: October 4, 2016; 12:30 PM
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom?	
By Whom? Steve Moskal	Date and Hour:	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	
If a Watercourse was Impacted, Describe Fully.*		
Describe Cause of Problem and Remedial Action Taken.* During the closure sampling of the two BGTs (21 bbl and 95 bbl), both demonstrated impacts below the tank bases. The vertical and lateral extents are not known at this time. BP will follow the spill and release guidelines for remediation.		
Describe Area Affected and Cleanup Action Taken.* The extents of the contamination will be fully delineated to determine remediation method. Once extents are determined, samples will be collected and analyzed for BTEX, TPH via 8015 and chlorides and submitted following the spill and release guidelines.		
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.		

OIL CONSERVATION DIVISION

Signature: 	Approved by Environmental Specialist: 	
Printed Name: Steve Moskal	Approval Date: <u>12/16/2016</u>	Expiration Date:
Title: Field Environmental Coordinator	Conditions of Approval:	
E-mail Address: steven.moskal@bp.com	Attached <input type="checkbox"/>	
Date: October 10, 2016	Phone: 505-326-9497	

\* Attach Additional Sheets If Necessary

NVF 1634153657  
Include MRD in lab analysis



**BP - State GC CB 001**

API #: 3004508915

Tank ID: 3004508915B

(M) Section 32, Township 30.0N, Range 09W, P.M. NM 23

**Proximity to Watercourses**

# BP - State GC CB 001

(M) Sec. 32, T30N, R9W  
API #: 3004508915

Imagery date: 3/16/2016.

200 ft. radius  
from 95 bgt center

WH

Google earth

© 2016 Google

200 ft.



CLIENT: BP

BLAGG ENGINEERING, INC.  
P.O. BOX 87, BLOOMFIELD, NM 87413  
(505) 632-1199

API #: 30045 22147  
TANK ID (if applicable): B & C

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

PAGE #: 1 of 1

SITE INFORMATION:  
QUAD/UNIT: C SEC: 10 TWP: 30 N RING: 9 W PM: NM CNTY: SJ ST: NM  
1/4-1/4 FOOTAGE: 1,080' N 1,605' W NE/NW LEASE TYPE: (FEDERAL) / STATE / FEE / INDIAN  
LEASE #: SF 087098 A PROD. FORMATION: FT/MV CONTRACTOR: STRIKE MBF/EP J. GONZALES

SITE NAME: FLORACE GC D 74A  
DATE STARTED: 10/04/16  
DATE FINISHED:  
ENVIRONMENTAL SPECIALIST(S): (NJV) / JCB

REFERENCE POINT:  
1) 21 BGT (SW/DB) - B GPS COORD.: 36.82966 X 107.77162 DISTANCE/BEARING FROM W.H.: 134.5' S18W  
2) 95 BGT (SW/DB) - C GPS COORD.: 36.83003 X 107.771754 DISTANCE/BEARING FROM W.H.: 86' S87W  
3) GPS COORD.: 36. X 10 DISTANCE/BEARING FROM W.H.:  
4) GPS COORD.: 36. X 10 DISTANCE/BEARING FROM W.H.:

WELL HEAD (W.H.) GPS COORD.: 36.83008 X 107.77145 GL ELEV.: 6,100'

SAMPLING DATA:  
1) SAMPLE ID: 5PC-TB@ 5' (21 BGT) SAMPLE DATE: 10/04/16 SAMPLE TIME: 1345 LAB ANALYSIS: 8015B/8021B/300.0 (CI) OVM READING (ppm): 545  
2) SAMPLE ID: 5PC-TB@ 5' (95 BGT) SAMPLE DATE: 10/04/16 SAMPLE TIME: 1235 LAB ANALYSIS: " / " / " OVM READING (ppm): 217  
3) SAMPLE ID: 1 C 6' (95) SAMPLE DATE: 10/04/16 SAMPLE TIME: 1240 LAB ANALYSIS: " / " / " OVM READING (ppm): 287  
4) SAMPLE ID: SAMPLE DATE: SAMPLE TIME: LAB ANALYSIS:  
5) SAMPLE ID: SAMPLE DATE: SAMPLE TIME: LAB ANALYSIS:

CHAIN OF CUSTODY RECORD(S) # OR LAB USED: HALL

SOIL DESCRIPTION:  
SOIL TYPE: SAND / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL (OTHER) BEDROCK (SANDSTONE) @ 21 BGT  
SOIL COLOR:  
COHESION (ALL OTHERS): NON COHESIVE / SLIGHTLY COHESIVE / COHESIVE / HIGHLY COHESIVE  
CONSISTENCY (NON COHESIVE SOILS): LOOSE / FIRM / DENSE / VERY DENSE  
MOISTURE: DRY / SLIGHTLY MOIST / MOIST / WET / SATURATED / SUPER SATURATED  
SAMPLE TYPE: GRAB / COMPOSITE - # OF PTS.  
DISCOLORATION/STAINING OBSERVED: YES / NO EXPLANATION -

PLASTICITY (CLAYS): NON PLASTIC / SLIGHTLY PLASTIC / COHESIVE / MEDIUM PLASTIC / HIGHLY PLASTIC  
DENSITY (COHESIVE CLAYS & SILTS): SOFT / FIRM / STIFF / VERY STIFF / HARD  
HC ODOR DETECTED: YES / NO EXPLANATION -  
ANY AREAS DISPLAYING WETNESS: YES / NO EXPLANATION -

SITE OBSERVATIONS:  
APPARENT EVIDENCE OF A RELEASE OBSERVED AND/OR OCCURRED: YES / NO EXPLANATION:  
EQUIPMENT SET OVER RECLAIMED AREA: YES / NO EXPLANATION:  
OTHER: NORTHERN 1/2 OF 95 BGT VISIBLY IMPACTED (DISCOLORED). TEST HOLE ADVANCED IN SAME AREA TO 12 FT. BELOW GRADE & STILL HIGHLY IMPACTED.  
SOIL IMPACT DIMENSION ESTIMATION: ft. X ft. X ft. IMPACTED SOIL ESTIMATION (Cubic Yards):  
DEPTH TO GROUNDWATER: 2100' NEAREST WATER SOURCE: 21,000' NEAREST SURFACE WATER: >1,000' NMOC DTPH CLOSURE STD: 1,000 ppm

LOST INTEGRITY OF EQUIPMENT: YES / NO EXPLANATION -

SITE SKETCH  
BGT Located: off / on site PLOT PLAN circle: attached  
FENCE → WOODEN R.W. → (95) PBGTL T.B. 5' B.G. → SEPARATOR → (21) PBGTL T.B. 25' B.G. → PROD. TANK → FENCE → (BEDROCK @ 2'-6" B.G.) X - S.P.D.  
W.H. → WFS (71,528) 85' W. H. →

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

MISCELL. NOTES  
WO:  
REF. #: P-712  
VID: VH1X0JEU62  
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 (N)  
C BGT Sidewalls Visible: (P) 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

**Analytical Report**

Lab Order 1610166

Date Reported:

**Hall Environmental Analysis Laboratory, Inc.****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
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>TOM</b>
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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
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
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
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

Chloride less than 30 mg/kg

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

<b>Qualifiers:</b>	*	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

## Analytical Report

Lab Order 1610166

Date Reported:

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Blagg Engineering

Client Sample ID: 5PC-TB@5' (95) - C

Project: Florance GC D 4A

Collection Date: 10/4/2016 12:35:00 PM

Lab ID: 1610166-002

Matrix: SOIL

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

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: TOM
Diesel Range Organics (DRO)	540	9.8		mg/Kg	1	10/6/2016 10:54:11 AM	27906
Motor Oil Range Organics (MRO)	530	49		mg/Kg	1	10/6/2016 10:54:11 AM	27906
Surr: DNOP	123	70-130		%Rec	1	10/6/2016 10:54:11 AM	27906
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: NSB
Gasoline Range Organics (GRO)	73	4.7		mg/Kg	1	10/6/2016 12:53:01 PM	27905
Surr: BFB	558	68.3-144	S	%Rec	1	10/6/2016 12:53:01 PM	27905
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	10/6/2016 12:53:01 PM	27905
Toluene	ND	0.047		mg/Kg	1	10/6/2016 12:53:01 PM	27905
Ethylbenzene	0.085	0.047		mg/Kg	1	10/6/2016 12:53:01 PM	27905
Xylenes, Total	1.9	0.095		mg/Kg	1	10/6/2016 12:53:01 PM	27905
Surr: 4-Bromofluorobenzene	134	80-120	S	%Rec	1	10/6/2016 12:53:01 PM	27905

Chloride less than 30 mg/kg

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
	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

## Analytical Report

Lab Order 1610170

Date Reported:

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Blagg Engineering

Client Sample ID: 1 @ 6' (95)

Project: Florance GC D 4A

Collection Date: 10/4/2016 12:40:00 PM

Lab ID: 1610170-001

Matrix: SOIL

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

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: TOM
Diesel Range Organics (DRO)	2700	98		mg/Kg	10	10/6/2016 11:37:35 AM	27906
Motor Oil Range Organics (MRO)	2200	490		mg/Kg	10	10/6/2016 11:37:35 AM	27906
Surr: DNOP	0	70-130	S	%Rec	10	10/6/2016 11:37:35 AM	27906
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: NSB
Gasoline Range Organics (GRO)	370	47		mg/Kg	10	10/6/2016 4:00:46 PM	27905
Surr: BFB	304	68.3-144	S	%Rec	10	10/6/2016 4:00:46 PM	27905
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	10/6/2016 1:16:28 PM	27905
Toluene	ND	0.047		mg/Kg	1	10/6/2016 1:16:28 PM	27905
Ethylbenzene	0.68	0.047		mg/Kg	1	10/6/2016 1:16:28 PM	27905
Xylenes, Total	15	0.94		mg/Kg	10	10/6/2016 4:00:46 PM	27905
Surr: 4-Bromofluorobenzene	121	80-120	S	%Rec	10	10/6/2016 4:00:46 PM	27905

Chloride less than 30 mg/Ly

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
	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