

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

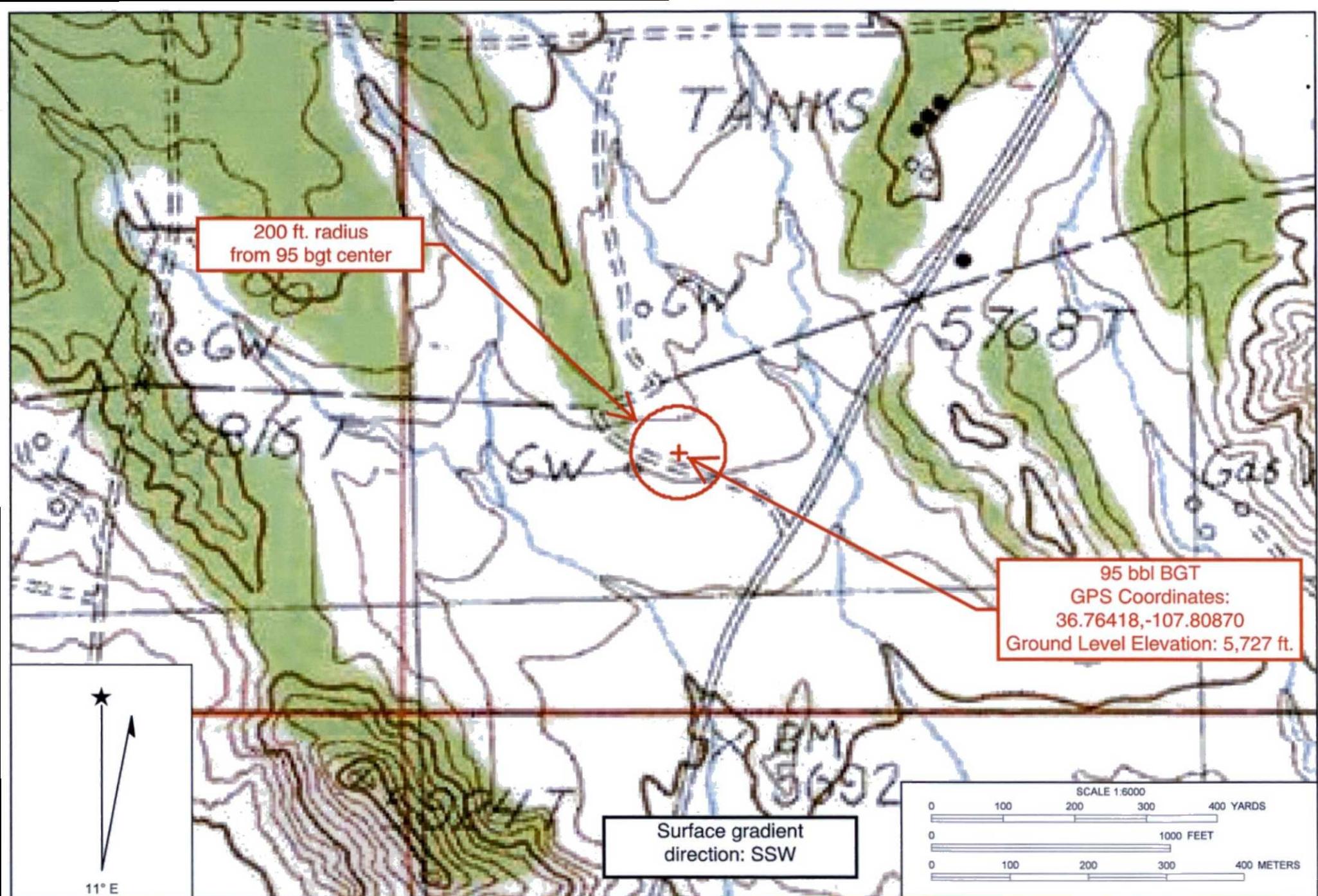
Type of Release: produced water	Volume of Release: unknown	Volume Recovered: none
Source of Release: Unknown; below 21 and 95 bbl BGTs	Date and Hour of Occurrence: unknown	Date and Hour of Discovery: October 4, 2016; 12:30 PM
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> 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: 12/16/2016	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	

NVF 1634153657
Include MRD in lab analysis

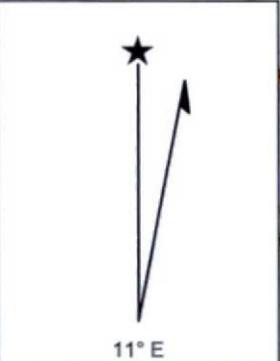
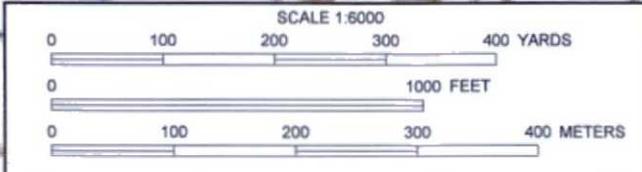
* Attach Additional Sheets If Necessary



200 ft. radius
from 95 bgt center

95 bbl BGT
GPS Coordinates:
36.76418, -107.80870
Ground Level Elevation: 5,727 ft.

Surface gradient
direction: SSW



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



CLIENT: BP	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	API #: 30045 22147 TANK ID (if applicable): B & C
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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: 30 N RNG: 9 W PM: NM CNTY: SJ ST: NM		DATE FINISHED: _____
1/4-1/4 FOOTAGE: 1,080' N / 1,605' W NE/NW	LEASE TYPE: <u>FEDERAL</u> / STATE / FEE / INDIAN	ENVIRONMENTAL SPECIALIST(S): <u>NJV</u> / JCB
LEASE # SF 087098A	PROD. FORMATION: FT/MV	CONTRACTOR: STRIKE MBE (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 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.: _____

SAMPLING DATA:	CHAIN OF CUSTODY RECORD(S) # OR LAB USED: HALL	OVM READING (ppm)
1) SAMPLE ID: 5PC-TB@ 5' (21) BGT	SAMPLE DATE: 10/04/16 SAMPLE TIME: 1345	LAB ANALYSIS: 8015B/8021B/300.0 (CI) 545
2) SAMPLE ID: 5PC-TB@ 5' (95) BGT	SAMPLE DATE: 10/04/16 SAMPLE TIME: 1235	LAB ANALYSIS: " / " / " 217
3) SAMPLE ID: ① @ 6' (95)	SAMPLE DATE: 10/04/16 SAMPLE TIME: 1240	LAB ANALYSIS: " / " / " 287
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 **BELOW (SANDSTONE) @ 21 BGT**

SOIL COLOR: _____

PLASTICITY (CLAYS): NON COHESIVE / 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 - _____

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

SAMPLE TYPE: GRAB / COMPOSITE - # OF PTS. _____

ANY AREAS DISPLAYING WETNESS: YES / NO EXPLANATION - _____

DISCOLORATION/STAINING OBSERVED: YES / NO EXPLANATION - _____

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

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'** NMOCD TPH CLOSURE STD: **1,000** ppm

<p>SITE SKETCH BGT Located: off / on site PLOT PLAN circle: attached</p>	<p>OVM CALIB. READ = 52.6 ppm RF=0.52</p> <p>OVM CALIB. GAS = 100 ppm</p> <p>TIME: 1:26 am/pm DATE: 10/04/16</p> <p>MISCELL. NOTES</p> <p>WO: _____</p> <p>REF. #: P-712</p> <p>VID: VH1X0JEU62</p> <p>PJ #: _____</p> <p>Permit date(s): 06/03/10</p> <p>OCDA Appr. date(s): 09/12/16</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>Tank ID</td> <td>OVM = Organic Vapor Meter ppm = parts per million</td> </tr> <tr> <td>B</td> <td>BGT Sidewalls Visible: Y (N)</td> </tr> <tr> <td>C</td> <td>BGT Sidewalls Visible: (P) N</td> </tr> <tr> <td></td> <td>BGT Sidewalls Visible: Y / N</td> </tr> </table> <p>Magnetic declination: 10° E</p>	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
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								

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.

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 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

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 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
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							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
EPA METHOD 8015D: GASOLINE RANGE							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
EPA METHOD 8021B: VOLATILES							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

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
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							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
EPA METHOD 8015D: GASOLINE RANGE							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
EPA METHOD 8021B: VOLATILES							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