

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

OIL CONS. DIV DIST. 3

MAR 24 2016

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 125	Facility Type: Natural gas well	
Surface Owner: Federal	Mineral Owner: Federal	API No. 3004524831

LOCATION OF RELEASE

Unit Letter E	Section 1	Township 29N	Range 9W	Feet from the 1,790	North/South Line North	Feet from the 800	East/West Line West	County: San Juan
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Latitude 36.75574° Longitude -107.73720°

NATURE OF RELEASE

Type of Release: condensate/oil and produced water	Volume of Release: Approx. 17bbl condensate/21 bbl produced water	Volume Recovered: Approx. 38 bbl
Source of Release: Corrosion of production tank sidewall.	Date and Hour of Occurrence: unknown	Date and Hour of Discovery: February 15, 2016 3:30 PM
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? A phone call to Vanessa Fields	
By Whom? Steve Moskal of BP	Date and Hour: 2/16/2016 at 3:50 PM	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	


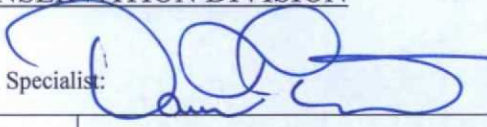
If a Watercourse was Impacted, Describe Fully.\*

Describe Cause of Problem and Remedial Action Taken.\* A failed valve seal leaked from the production tank directly into the connected below ground tank. The below ground tank then overfilled. The release was captured within the tank cellar, inside the secondary containment berm. The well has been taken out of service until the tank was repaired.

Describe Area Affected and Cleanup Action Taken.\* The freestanding liquid was removed. Laboratory samples collected from the base of the BGT cellar determined no remedial action is necessary based on a NMOCD spill and release guideline site ranking of 0; TPH of 2,400 ppm and BTEX of 34.3 ppm. A field report, site ranking criteria and laboratory results are attached.

During the collection of the soil sample using a hand auger, it was confirmed that a liner is located below the BGT. BP recommends no further action at this time.

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: 		OIL CONSERVATION DIVISION	
Printed Name: Steve Moskal		Approved by Environmental Specialist: 	
Title: Field Environmental Coordinator		Approval Date: <u>03/28/2016</u>	Expiration Date:
E-mail Address: steven.moskal@bp.com		Conditions of Approval:	Attached <input type="checkbox"/>
Date: March 23, 2016 Phone: 505-326-9497			

\* Attach Additional Sheets If Necessary

NVF 1604925992



CLIENT: <u>BP AMERICA</u>	<b>BLAGG ENGINEERING, INC.</b> <b>P.O. BOX 87, BLOOMFIELD, NM 87413</b> <b>(505) 632-1199</b>	API #: <u>3D-046-24831</u> TANK ID (if applicable): <u>B</u>
<b>FIELD REPORT:</b> (circle one): BGT CONFIRMATION <u>RELEASE INVESTIGATION</u> / OTHER: <u>@ 21 BGT Cellar</u>		PAGE #: <u>1</u> of <u>1</u>
<b>SITE INFORMATION:</b> STENAME: <u>FLORANCE 125</u> QUAD/UNIT: <u>E SEC. 1 TWP. 29N RING. 9W PM. NM CNTY. SJ ST. NM</u> 1/4-1/4FOOTAGE: <u>1790 FNL x 800FWL</u> LEASE TYPE: <u>FEDERAL</u> STATE / FEE / INDIAN LEASE #: <u>NMSF078201</u> PROD. FORMATION: _____ CONTRACTOR: _____		DATE STARTED: <u>3/4/2016</u> DATE FINISHED: <u>3/4/2016</u> ENVIRONMENTAL SPECIALIST(S): <u>JCB</u>
<b>REFERENCE POINT:</b> 1) <u>21 BGT</u> WELL HEAD (W.H.) GPS COORD: <u>36.75581 x 107.73724</u> GL ELEV: <u>6305</u> 2) _____ GPS COORD: _____ DISTANCE/BEARING FROM W.H.: <u>137' S23W</u> 3) _____ GPS COORD: _____ DISTANCE/BEARING FROM W.H.: _____ 4) _____ GPS COORD: _____ DISTANCE/BEARING FROM W.H.: _____		
<b>SAMPLING DATA:</b> CHAIN OF CUSTODY RECORD(S) # OR LAB USED: <u>HALL</u> 1) SAMPLE ID: <u>21 BGT Cellar 4-pt @ 6'</u> SAMPLE DATE: <u>3/4/2016</u> SAMPLE TIME: <u>0900</u> LAB ANALYSIS: <u>TPH/BTEX/CL</u> 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: _____		OVM READING (ppm) _____
<b>SOIL DESCRIPTION:</b> SOIL TYPE: <u>SAND</u> / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER _____ SOIL COLOR: _____ COHESION (ALL OTHERS): <u>NON COHESIVE</u> / SLIGHTLY COHESIVE / COHESIVE / HIGHLY COHESIVE CONSISTENCY (NON COHESIVE SOILS): <u>LOOSE</u> / FIRM / DENSE / VERY DENSE MOISTURE: DRY / SLIGHTLY MOIST / MOIST / WET / SATURATED / <u>SUPER SATURATED</u> SAMPLE TYPE: GRAB <u>COMPOSITE</u> # OF PTS. <u>4</u> DISCOLORATION/STAINING OBSERVED: <u>YES</u> / NO EXPLANATION: <u>Greenish Around Cellar</u> PLASTICITY (CLAYS): NON PLASTIC / SLIGHTLY PLASTIC / COHESIVE / MEDIUM PLASTIC / HIGHLY PLASTIC DENSITY (COHESIVE CLAYS & SILTS): SOFT / FIRM / STIFF / VERY STIFF / HARD HC ODOR DETECTED: <u>YES</u> / NO EXPLANATION: <u>MINOR</u> ANY AREAS DISPLAYING WETNESS: <u>YES</u> / NO EXPLANATION: <u>Water Saturated</u>		
<b>SITE OBSERVATIONS:</b> LOST INTEGRITY OF EQUIPMENT: YES / <u>NO</u> EXPLANATION: _____ APPARENT EVIDENCE OF A RELEASE OBSERVED AND/OR OCCURRED: <u>YES</u> / NO EXPLANATION: <u>Oily water in BGT Cellar</u> EQUIPMENT SET OVER RECLAIMED AREA: YES / NO EXPLANATION: <u>NA</u> OTHER: <u>21 BGT IN 8'x8'x6' Deep wooden cellar. APPARENT PVC Liner Immediately Below BGT @ 6' Depth. ABOUT 1 Foot Sediment on top of Liner.</u> SOIL IMPACT DIMENSION ESTIMATION: _____ R X _____ R X _____ R EXCAVATION ESTIMATION (Cubic Yards): _____ DEPTH TO GROUNDWATER: <u>&gt; 200'</u> NEAREST WATER SOURCE: <u>&gt; 1000'</u> NEAREST SURFACE WATER: <u>&gt; 1000'</u> NMCD TPH CLOSURE STD: <u>5,000</u> ppm		
<b>SITE SKETCH</b> <div style="display: flex; justify-content: space-between;"> <span>BGT Located: off / <u>on</u> site</span> <span>PLOT PLAN circle: <u>attached</u></span> </div> <div style="text-align: center;"> <p>Collect 4-pt composite of sediment above Liner in cellar using Hand Auger.</p> </div>		
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; PBGT = PREVIOUS BELOW-GRADE TANK LOCATION; SPD = SAMPLE POINT DESIGNATION; RW = RETAINING WALL; NA = NOT APPLICABLE OR NOT AVAILABLE; SW = SINGLE WALL; DW = DOUBLE WALL; SB = SINGLE BOTTOM; DB = DOUBLE BOTTOM NOTES: _____		<b>MISCELL. NOTES</b> WO: _____ PO#: _____ PK: VID: <u>VMD56HQFEC</u> PJ#: _____ Permit date(s): _____ OCD Appr. date(s): _____ OVM = Organic Vapor Meter ppm = parts per million BGT Sidewalls Visible: <u>Y</u> / N BGT Sidewalls Visible: Y / N BGT Sidewalls Visible: Y / N Magnetic declination: <u>10° E</u>
ON SITE: <u>3/4/2016</u>		





Florance 125

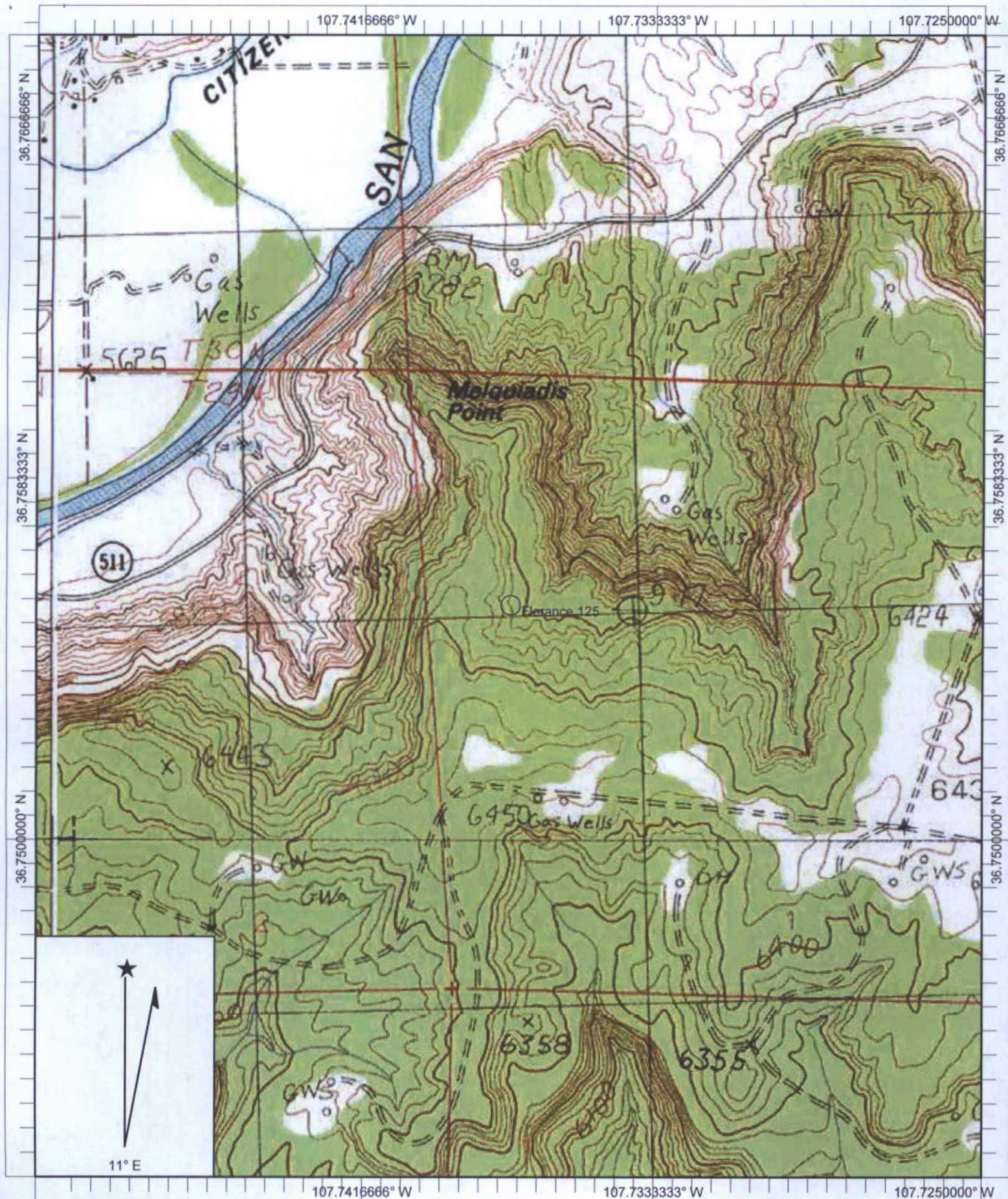
21 BGT

Google earth

50 ft







Name: ARCHULETA  
 Date: 3/18/2016  
 Scale: 1 inch equals 1000 feet

Location: 036.7554305° N 107.7375078° W  
 Caption: BP - Florance 125



(A CLW#### in the  
POD suffix indicates  
the POD has been  
replaced & no longer  
serves a water right  
file.)

(R=POD has  
been replaced,  
O=orphaned,  
C=the file is  
closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)  
(quarters are smallest to largest)

(NAD83 UTM in meters)

(in feet)

POD Number	POD Sub- Code basin County	Source	q q q	6416 4	Sec	Tws	Rng	X	Y	Distance	Start Date	Finish Date	Log File Date	Depth Well	Depth Water	Driller	License Number
------------	----------------------------------	--------	-------	--------	-----	-----	-----	---	---	----------	------------	-------------	------------------	---------------	----------------	---------	-------------------

Record Count: 16

UTMNAD83 Radius Search (in meters):

**Easting (X):** 255646.73

**Northing (Y):** 4071250.54

**Radius:** 1605

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.



# New Mexico Office of the State Engineer

## Wells Without Well Log Information

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced, O=orphaned, C=the file is closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

POD Number	POD		County	Source	q q q				Sec	Tws	Rng	X	Y	Distance
	Code	Subbasin			64	16	4							
<a href="#">SJ 03608</a>			SJ		1	2	2	02	29N	09W		255088	4071745*	746
<a href="#">SD 02559</a>		SJM2	SJ			1	2	02	29N	09W		254780	4071649*	953
<a href="#">SJ 01321</a>			SJ			2	1	02	29N	09W		254373	4071654*	1336
<a href="#">SJ 02284</a>			SJ		1	4	1	02	29N	09W		254292	4071349*	1358
<a href="#">SJ 02104</a>			SJ				1	02	29N	09W		254180	4071453*	1480
<a href="#">SJ 02108</a>			SJ				1	02	29N	09W		254180	4071453*	1480
<a href="#">SJ 02303</a>			SJ				1	02	29N	09W		254180	4071453*	1480
<a href="#">SJ 03565</a>			SJ		3	4	2	35	30N	09W		255060	4072735*	1596

Record Count: 8

### UTMNA83 Radius Search (in meters):

Easting (X): 255646.73

Northing (Y): 4071250.54

Radius: 1605

\*UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.



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## *New Mexico Office of the State Engineer* **Point of Diversion with Meter Attached**

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No PODs found.

UTMNAD83 Radius Search (in meters):

**Easting (X):** 255646.73

**Northing (Y):** 4071250.54

**Radius:** 1605

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The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

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Hall Environmental Analysis Laboratory  
4901 Hawkins NE  
Albuquerque, NM 87109  
TEL: 505-345-3975 FAX: 505-345-4107  
Website: [www.hallenvironmental.com](http://www.hallenvironmental.com)

March 15, 2016

Jeff Blagg  
Blagg Engineering  
P. O. Box 87  
Bloomfield, NM 87413  
TEL: (505) 632-1199  
FAX (505) 632-3903

RE: Florance 125

OrderNo.: 1603277

Dear Jeff Blagg:

Hall Environmental Analysis Laboratory received 1 sample(s) on 3/5/2016 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](http://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,

A handwritten signature in black ink, appearing to read "Andy Freeman", is written over a horizontal line.

Andy Freeman  
Laboratory Manager  
4901 Hawkins NE  
Albuquerque, NM 87109



# Hall Environmental Analysis Laboratory, Inc.

## Analytical Report

Lab Order 1603277

Date Reported: 3/15/2016

CLIENT: Blagg Engineering

Client Sample ID: 21 BGT Cellar 4-pt@6'

Project: Florance 125

Collection Date: 3/4/2016 9:00:00 AM

Lab ID: 1603277-001

Matrix: SOIL

Received Date: 3/5/2016 8:05:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: LGT
Chloride	55	30		mg/Kg	20	3/11/2016 10:32:24 PM	24222
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: KJH
Diesel Range Organics (DRO)	1200	95		mg/Kg	10	3/9/2016 8:23:54 AM	24103
Surr: DNOP	0	70-130	S	%Rec	10	3/9/2016 8:23:54 AM	24103
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: NSB
Gasoline Range Organics (GRO)	1200	94		mg/Kg	20	3/8/2016 2:27:32 PM	24107
Surr: BFB	466	66.2-112	S	%Rec	20	3/8/2016 2:27:32 PM	24107
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: NSB
Benzene	ND	0.47		mg/Kg	20	3/8/2016 2:27:32 PM	24107
Toluene	0.99	0.94		mg/Kg	20	3/8/2016 2:27:32 PM	24107
Ethylbenzene	2.4	0.94		mg/Kg	20	3/8/2016 2:27:32 PM	24107
Xylenes, Total	31	1.9		mg/Kg	20	3/8/2016 2:27:32 PM	24107
Surr: 4-Bromofluorobenzene	136	80-120	S	%Rec	20	3/8/2016 2:27:32 PM	24107

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



# QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1603277

15-Mar-16

Client: Blagg Engineering

Project: Florance 125

Sample ID	MB-24222	SampType:	MBLK	TestCode:	EPA Method 300.0: Anions					
Client ID:	PBS	Batch ID:	24222	RunNo:	32769					
Prep Date:	3/11/2016	Analysis Date:	3/11/2016	SeqNo:	1003835	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID	LCS-24222	SampType:	LCS	TestCode:	EPA Method 300.0: Anions					
Client ID:	LCSS	Batch ID:	24222	RunNo:	32769					
Prep Date:	3/11/2016	Analysis Date:	3/11/2016	SeqNo:	1003836	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	93.3	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#: 1603277

15-Mar-16

Client: Blagg Engineering

Project: Florance 125

Sample ID	LCS-24103		SampType:	LCS		TestCode:	EPA Method 8015M/D: Diesel Range Organics				
Client ID:	LCSS		Batch ID:	24103		RunNo:	32636				
Prep Date:	3/7/2016		Analysis Date:	3/8/2016		SeqNo:	998599		Units: mg/Kg		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Diesel Range Organics (DRO)	53	10	50.00	0	106	65.8	136				
Surr: DNOP	4.5		5.000		89.3	70	130				

Sample ID	MB-24103		SampType:	MBLK		TestCode:	EPA Method 8015M/D: Diesel Range Organics				
Client ID:	PBS		Batch ID:	24103		RunNo:	32636				
Prep Date:	3/7/2016		Analysis Date:	3/8/2016		SeqNo:	998601		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	10		10.00		103	70	130				

Sample ID	MB-24133		SampType: MBLK		TestCode: EPA Method 8015M/D: Diesel Range Organics					
Client ID:	PBS		Batch ID: 24133		RunNo: 32661					
Prep Date:	3/8/2016		Analysis Date: 3/9/2016		SeqNo: 999356		Units: %Rec			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	11		10.00		114	70	130			

Sample ID	LCS-24133		SampType: LCS		TestCode: EPA Method 8015M/D: Diesel Range Organics					
Client ID:	LCSS		Batch ID: 24133		RunNo: 32661					
Prep Date:	3/8/2016		Analysis Date: 3/9/2016		SeqNo: 999363		Units: %Rec			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	5.1		5.000		101	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#: 1603277

15-Mar-16

Client: Blagg Engineering

Project: Florance 125

Sample ID	MB-24107	SampType:	MBLK	TestCode:	EPA Method 8015D: Gasoline Range					
Client ID:	PBS	Batch ID:	24107	RunNo:	32632					
Prep Date:	3/7/2016	Analysis Date:	3/8/2016	SeqNo:	999108	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	1000		1000		105	66.2	112			

Sample ID	LCS-24107	SampType:	LCS	TestCode:	EPA Method 8015D: Gasoline Range					
Client ID:	LCSS	Batch ID:	24107	RunNo:	32632					
Prep Date:	3/7/2016	Analysis Date:	3/8/2016	SeqNo:	999109	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	26	5.0	25.00	0	103	80	120			
Surr: BFB	1100		1000		113	66.2	112			S

## 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#: 1603277

15-Mar-16

Client: Blagg Engineering

Project: Florance 125

Sample ID	MB-24107	SampType:	MBLK	TestCode:	EPA Method 8021B: Volatiles					
Client ID:	PBS	Batch ID:	24107	RunNo:	32632					
Prep Date:	3/7/2016	Analysis Date:	3/8/2016	SeqNo:	999122	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	1.1		1.000		109	80	120			

Sample ID	LCS-24107	SampType:	LCS	TestCode:	EPA Method 8021B: Volatiles					
Client ID:	LCSS	Batch ID:	24107	RunNo:	32632					
Prep Date:	3/7/2016	Analysis Date:	3/8/2016	SeqNo:	999123	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	107	80	120			
Toluene	1.1	0.050	1.000	0	107	80	120			
Ethylbenzene	1.1	0.050	1.000	0	106	80	120			
Xylenes, Total	3.2	0.10	3.000	0	106	80	120			
Surr: 4-Bromofluorobenzene	1.2		1.000		118	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



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: **BLAGG**

Work Order Number: **1603277**

RcptNo: **1**

Received by/date: JA 03/05/16

Logged By: Joe Archuleta 3/5/2016 8:05:00 AM JA

Completed By: Joe Archuleta 3/5/2016 9:03:04 AM JA

Reviewed By: [Signature] 03/04/16

### 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  $>0^{\circ}\text{C}$  to  $6.0^{\circ}\text{C}$ ? 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:	<input type="checkbox"/> eMail <input type="checkbox"/> Phone <input type="checkbox"/> Fax <input type="checkbox"/> In Person
Regarding:	_____		
Client Instructions:	_____		

17. Additional remarks:

### 18. Cooler Information

Cooler No	Temp $^{\circ}\text{C}$	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	1.0	Good	Yes			



<b>Chain-of-Custody Record</b>		Turn-Around Time:	
Client: <b>BP AMERICA</b>		<input checked="" type="checkbox"/> Standard <input type="checkbox"/> Rush	
Billing Address: <b>BLAGG ENGINEERING</b>		Project Name: <b>FLORANCE 125</b>	
		Project #:	
Phone #: <b>505-320-1183</b>		Project Manager: <b>J. BLAGG</b>	
Email or Fax#:			
A/QC Package: <input checked="" type="checkbox"/> Standard <input type="checkbox"/> Level 4 (Full Validation)		Sampler: <b>J. BLAGG</b>	
Accreditation: <input type="checkbox"/> NELAP <input type="checkbox"/> Other		On Ice: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
EDD (Type)		Sample Temperature: <b>1.0</b>	

Sample Temperature: 10

[www.hallenvironmental.com](http://www.hallenvironmental.com)

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

[illegible]

ate:	Time:	Relinquished by:	Received by:	Date	Time
2/20/16	1608	Jeff Blagg	Christi Waller	3/4/2016	1608
ate:	Time:	Relinquished by:	Received by:	Date	Time
4/1/16	1758	Christi Waller	Joe DePort	03/05/16	0805

Remarks: BILL BP  
CONTACT: STEVE MOSCAL  
VID: VMOS6HQFEC

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.