

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 <b>BP America Production Company</b>	Contact <b>Steve Moskal</b>
Address <b>200 Energy Court, Farmington, NM 87401</b>	Telephone No. <b>(505) 326-9497</b>
Facility Name <b>HUGHES 001E</b>	Facility Type <b>Natural Gas Well</b>
Surface Owner <b>Federal</b>	Mineral Owner <b>Bureau of Land Management</b> API No. <b>3004525457</b>

### LOCATION OF RELEASE

Unit Letter <b>C</b>	Section <b>21</b>	Township <b>29N</b>	Range <b>8W</b>	Feet from the <b>790</b>	North/South Line <b>NORTH</b>	Feet from the <b>1,520</b>	East/West Line <b>WEST</b>	County <b>SAN JUAN</b>
-------------------------	----------------------	------------------------	--------------------	-----------------------------	----------------------------------	-------------------------------	-------------------------------	---------------------------

Latitude 36.71611 Longitude -107.68475

### NATURE OF RELEASE

Type of Release <b>Exempt Waste from BGT (oil/condensate)</b>	Volume of Release <b>Unknown</b>	Volume Recovered <b>None</b>
Source of Release <b>95 bbl BGT</b>	Date and Hour of Occurrence <b>Unknown</b>	Date and Hour of Discovery <b>8/24/2016 11:35 am (during BGT removal).</b>
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" 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  
OCT 31 2016

If a Watercourse was Impacted, Describe Fully.\*

Describe Cause of Problem and Remedial Action Taken.\* **Nature of release undetermined. Sampling beneath BGT was conducted immediately after removal. 5 point composite sample collected for laboratory analyses (TPH, BTEX, & chloride). Lab results for benzene, total BTEX, & chlorides were below the BGT permit closure plan standards. TPH = 980 mg/Kg by method 8015B (BGT permit closure plan standard = 100 mg/Kg). Field & laboratory analytical reports are attached.**

Describe Area Affected and Cleanup Action Taken.\* **Hydrocarbon impacted soils below BGT foot print. Impacted soils were below NMOCD's Spill & Release Guidelines for TPH, therefore no cleanup action was necessary. Final laboratory results support closure of the BGT location.**

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: <b>Steve Moskal</b>	Approved by Environmental Specialist: 	
Title: <b>Environmental Field Coordinator</b>	Approval Date: <b>12/5/16</b>	Expiration Date: <b>12/5/17</b>
E-mail Address: <b>steven.moskal@bp.com</b>	Conditions of Approval: <b>_____</b>	Attached <input type="checkbox"/>
Date: <b>October 26, 2016</b>	Phone: <b>(505) 326.9497</b>	

\* Attach Additional Sheets If Necessary

#NCS 1631339855

13



CLIENT: <b>BP</b>	<b>BLAGG ENGINEERING, INC.</b> <b>P.O. BOX 87, BLOOMFIELD, NM 87413</b> <b>(505) 632-1199</b>	API #: <b>3004525457</b> TANK ID (if applicable): <b>A</b>
-------------------	---	---

## FIELD REPORT:

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

PAGE #: **2** of **2**

<b>SITE INFORMATION:</b>	SITE NAME: <b>HUGHES # 1E</b>	DATE STARTED: <b>08/24/16</b>
QUAD/UNIT: <b>C</b> SEC: <b>21</b> TWP: <b>29N</b> RNG: <b>8W</b> PM: <b>NM</b> CNTY: <b>SJ</b> ST: <b>NM</b>		DATE FINISHED:
1/4 - 1/4 FOOTAGE: <b>790'N / 1,520'W</b> <b>NE/NW</b> LEASE TYPE: <span style="border: 1px solid black; padding: 2px;">FEDERAL</span> / STATE / FEE / INDIAN		ENVIRONMENTAL SPECIALIST(S): <b>NJV</b>
LEASE #: <b>SF078046</b> PROD. FORMATION: <b>MV</b> CONTRACTOR: <b>BP - A. SALAZAR</b>		

<b>REFERENCE POINT:</b>	WELL HEAD (W.H.) GPS COORD.: <b>36.71615 X 107.68445</b> GL ELEV.: <b>6,452'</b>	
1) <b>95 BGT (SW/DB)</b> GPS COORD.: <b>36.71611 X 107.68475</b> DISTANCE/BEARING FROM W.H.: <b>99', S84.5W</b>		
2) GPS COORD.: DISTANCE/BEARING FROM W.H.:		
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: <b>HALL</b>	OVM READING (ppm)
1) SAMPLE ID: <b>5PC - TB @ 6' (95)</b> SAMPLE DATE: <b>08/24/16</b> SAMPLE TIME: <b>1140</b> LAB ANALYSIS: <b>8015B/8021B/300.0 (CI)</b>		<b>921</b>
2) SAMPLE ID: <b>TH1 @ 8.5'</b> SAMPLE DATE: <b>08/24/16</b> SAMPLE TIME: <b>1220</b> LAB ANALYSIS: <b>8015B/8021B/300.0 (CI)</b>		<b>34.5</b>
3) SAMPLE ID: <b>TH2 @ 9'</b> SAMPLE DATE: <b>08/24/16</b> SAMPLE TIME: <b>1235</b> LAB ANALYSIS: <b>8015B/8021B/300.0 (CI)</b>		<b>29.8</b>
4) SAMPLE ID: SAMPLE DATE: SAMPLE TIME: LAB ANALYSIS:		

<b>SOIL DESCRIPTION:</b>	SOIL TYPE: SAND <span style="border: 1px solid black; padding: 2px;">SILTY SAND</span> SILT <span style="border: 1px solid black; padding: 2px;">SILTY CLAY</span> CLAY / GRAVEL / OTHER	
SOIL COLOR: <b>MOSTLY DARK YELLOWISH BROWN</b>	PLASTICITY (CLAYS): <span style="border: 1px solid black; padding: 2px;">NON PLASTIC</span> <span style="border: 1px solid black; padding: 2px;">SLIGHTLY PLASTIC</span> COHESIVE / MEDIUM PLASTIC / HIGHLY PLASTIC	
COHESION (ALL OTHERS): <span style="border: 1px solid black; padding: 2px;">NON COHESIVE</span> <span style="border: 1px solid black; padding: 2px;">SLIGHTLY COHESIVE</span> COHESIVE / HIGHLY COHESIVE	DENSITY (COHESIVE CLAYS & SILTS): SOFT <span style="border: 1px solid black; padding: 2px;">FIRM</span> <span style="border: 1px solid black; padding: 2px;">STIFF</span> VERY STIFF / HARD	
CONSISTENCY (NON COHESIVE SOILS): LOOSE <span style="border: 1px solid black; padding: 2px;">FIRM</span> DENSE / VERY DENSE	HC ODOR DETECTED: <span style="border: 1px solid black; padding: 2px;">YES</span> NO EXPLANATION - <b>PHYSICALLY FROM EXCAVATION AFTER BGT REMOVAL.</b>	
MOISTURE: DRY <span style="border: 1px solid black; padding: 2px;">SLIGHTLY MOIST</span> MOIST / WET <span style="border: 1px solid black; padding: 2px;">SATURATED</span> SUPER SATURATED	ANY AREAS DISPLAYING WETNESS: <span style="border: 1px solid black; padding: 2px;">YES</span> / NO EXPLANATION - <b>CONDENSATE &amp;/OR WATER</b>	
SAMPLE TYPE: <span style="border: 1px solid black; padding: 2px;">GRAB</span> <span style="border: 1px solid black; padding: 2px;">COMPOSITE</span> # OF PTS. <b>5</b>	DISCOLORATION/STAINING OBSERVED: <span style="border: 1px solid black; padding: 2px;">YES</span> NO EXPLANATION - <b>GRAY / BLACK BENEATH BGT AFTER REMOVAL.</b>	

<b>SITE OBSERVATIONS:</b>	LOST INTEGRITY OF EQUIPMENT: <span style="border: 1px solid black; padding: 2px;">YES</span> NO EXPLANATION - <b>BGT BOTTOM CORRODED AT NUMEROUS POINTS.</b>	
APPARENT EVIDENCE OF A RELEASE OBSERVED AND/OR OCCURRED: <span style="border: 1px solid black; padding: 2px;">YES</span> NO EXPLANATION: <b>DISCOLORED SOILS &amp; PHYSICAL HYDROCARBON ODOR.</b>		
EQUIPMENT SET OVER RECLAIMED AREA: YES / NO EXPLANATION - <b>UNKNOWN AT THIS TIME.</b>		
OTHER: <b>ONLY ABLE TO ADVANCE 2 TEST HOLES FOR DELINEATION DUE TO SUBSURFACE UTILITIES ON NORTH &amp; EAST SIDES OF BGT. BOTH TEST HOLES HAD SIMILAR LITHOLOGY &amp; DID NOT SHOW ANY EVIDENCE OF IMPACTS.</b>		
SOIL IMPACT DIMENSION ESTIMATION: <b>NA</b> ft. X <b>NA</b> ft. X <b>NA</b> ft. EXCAVATION ESTIMATION (Cubic Yards): <b>NA</b>		
DEPTH TO GROUNDWATER: <b>&gt;100'</b> NEAREST WATER SOURCE: <b>&gt;1,000'</b> NEAREST SURFACE WATER: <b>&lt;1,000'</b> NMOC DTPH CLOSURE STD: <b>1,000</b> ppm		

### SITE SKETCH

BGT Located : off on site
PLOT PLAN circle: attached

OVM CALIB. READ. = **53.0** ppm RF=0.52  
 OVM CALIB. GAS = **100** ppm  
 TIME: **1:00** am/pm DATE: **08/24/16**

<b>MISCELL. NOTES</b>	
WO:	
REF #:	<b>P - 655</b>
VID:	<b>VHIXONEVB2</b>
PJ #:	
Permit date(s):	<b>06/09/10</b>
OCD Appr. date(s):	<b>08/29/16</b>
Tank ID	OVM = Organic Vapor Meter ppm = parts per million
<b>A</b>	BGT Sidewalls Visible: Y / <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">N</span>
	BGT Sidewalls Visible: Y / N
	BGT Sidewalls Visible: Y / N
Magnetic declination: <b>10° E</b>	

**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.

**X - S.P.D.**

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

ONSITE: **08/24/16**

revised: 11/26/13 BEI1005E-6.SKF

# Hall Environmental Analysis Laboratory, Inc.

## Analytical Report

Lab Order 1608E28

Date Reported: 8/26/2016

CLIENT: Blagg Engineering

Client Sample ID: 5PC-TB@6'(95)

Project: Hughes 1E

Collection Date: 8/24/2016 11:40:00 AM

Lab ID: 1608E28-001

Matrix: MEOH (SOIL)

Received Date: 8/25/2016 8:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>MRA</b>
Chloride	ND	30		mg/Kg	20	8/25/2016 11:13:05 AM	27168
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>TOM</b>
Diesel Range Organics (DRO)	260	9.7		mg/Kg	1	8/25/2016 10:52:39 AM	27162
Motor Oil Range Organics (MRO)	49	48		mg/Kg	1	8/25/2016 10:52:39 AM	27162
Surr: DNOP	86.5	70-130		%Rec	1	8/25/2016 10:52:39 AM	27162
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	720	160		mg/Kg	50	8/25/2016 12:53:45 PM	G36759
Surr: BFB	160	68.3-144	S	%Rec	50	8/25/2016 12:53:45 PM	G36759
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
Benzene	ND	0.82		mg/Kg	50	8/25/2016 12:53:45 PM	B36759
Toluene	ND	1.6		mg/Kg	50	8/25/2016 12:53:45 PM	B36759
Ethylbenzene	2.7	1.6		mg/Kg	50	8/25/2016 12:53:45 PM	B36759
Xylenes, Total	39	3.3		mg/Kg	50	8/25/2016 12:53:45 PM	B36759
Surr: 4-Bromofluorobenzene	101	80-120		%Rec	50	8/25/2016 12:53:45 PM	B36759

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



# Hall Environmental Analysis Laboratory, Inc.

## Analytical Report

Lab Order 1608E26

Date Reported: 8/26/2016

CLIENT: Blagg Engineering

Client Sample ID: TH1-8.5' (West Side)

Project: Hughes 1E

Collection Date: 8/24/2016 12:20:00 PM

Lab ID: 1608E26-001

Matrix: MEOH (SOIL)

Received Date: 8/25/2016 8:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>MRA</b>
Chloride	ND	30		mg/Kg	20	8/25/2016 10:48:15 AM	27168
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>TOM</b>
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	8/25/2016 11:14:36 AM	27162
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	8/25/2016 11:14:36 AM	27162
Surr: DNOP	87.2	70-130		%Rec	1	8/25/2016 11:14:36 AM	27162
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	3.5		mg/Kg	1	8/25/2016 11:39:54 AM	G36759
Surr: BFB	85.0	68.3-144		%Rec	1	8/25/2016 11:39:54 AM	G36759
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
Benzene	ND	0.017		mg/Kg	1	8/25/2016 11:39:54 AM	B36759
Toluene	ND	0.035		mg/Kg	1	8/25/2016 11:39:54 AM	B36759
Ethylbenzene	ND	0.035		mg/Kg	1	8/25/2016 11:39:54 AM	B36759
Xylenes, Total	ND	0.069		mg/Kg	1	8/25/2016 11:39:54 AM	B36759
Surr: 4-Bromofluorobenzene	89.0	80-120		%Rec	1	8/25/2016 11:39:54 AM	B36759

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.

## Analytical Report

Lab Order 1608E26

Date Reported: 8/26/2016

CLIENT: Blagg Engineering

Client Sample ID: TH2-9' (South Side)

Project: Hughes 1E

Collection Date: 8/24/2016 12:35:00 PM

Lab ID: 1608E26-002

Matrix: MEOH (SOIL)

Received Date: 8/25/2016 8:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>MRA</b>
Chloride	45	30		mg/Kg	20	8/25/2016 11:00:40 AM	27168
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>TOM</b>
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	8/25/2016 11:36:28 AM	27162
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	8/25/2016 11:36:28 AM	27162
Surr: DNOP	90.0	70-130		%Rec	1	8/25/2016 11:36:28 AM	27162
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	3.8		mg/Kg	1	8/25/2016 12:04:33 PM	G36759
Surr: BFB	86.6	68.3-144		%Rec	1	8/25/2016 12:04:33 PM	G36759
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
Benzene	ND	0.019		mg/Kg	1	8/25/2016 12:04:33 PM	B36759
Toluene	ND	0.038		mg/Kg	1	8/25/2016 12:04:33 PM	B36759
Ethylbenzene	ND	0.038		mg/Kg	1	8/25/2016 12:04:33 PM	B36759
Xylenes, Total	ND	0.075		mg/Kg	1	8/25/2016 12:04:33 PM	B36759
Surr: 4-Bromofluorobenzene	92.3	80-120		%Rec	1	8/25/2016 12:04:33 PM	B36759

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



<b>Chain-of-Custody Record</b>		Turn-Around Time: <b>SAME DAY</b>	
Client: <b>BLAGG ENGR. / BP AMERICA</b>		<input type="checkbox"/> Standard <input checked="" type="checkbox"/> Rush	
Mailing Address: <b>P.O. BOX 87</b>		Project Name: <b>HUGHES # 1E</b>	
<b>BLOOMFIELD, NM 87413</b>		Project #: _____	
Phone #: <b>(505) 632-1199</b>		Project Manager: <b>NELSON VELEZ</b>	
Email or Fax#: _____		Sampler: <b>NELSON VELEZ</b>	
QA/QC Package: <input checked="" type="checkbox"/> Standard <input type="checkbox"/> Level 4 (Full Validation)		On Ice: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Accreditation: <input type="checkbox"/> NELAP <input type="checkbox"/> Other _____		Sample Temperature: <b>3.5</b>	
EDD (Type) _____		_____	

SAME  
DAY

☐ Standard☒ Rush

DAY

Project Name:

**HUGHES # 1E**

Project #:

Project Manager:

NELSON VELEZ

Sampler: **NELSON VELEZ**

On Ice: ☒ Yes ☐ No

Sample Temperature

[illegible]

ate: 24/11/16	Time: 1516	Relinquished by: <i>[Signature]</i>	Received by: <i>Christ Walbe</i>	Date 8/24/16	Time 1514
ate: 8/24/16	Time: 2031	Relinquished by: <i>Christ Walbe</i>	Received by: <i>[Signature]</i>	Date 08/25/16	Time 0800

## HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

4901 Hawkins NE - Albuquerque, NM 87109

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

## Analysis Request

[illegible]

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

VID:	Vance Hixon VHIXONEVB2	Steve Moskal VDRINKJWA1	John Ritchie VDRINKJWA1
ence #	P - 655		

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.



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

---

Mailing Address: **P.O. BOX 87**

---

**BLOOMFIELD, NM 87413**

---

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

---

Email or Fax#:

---

NA/QC Package:

☒ Standard ☐ Level 4 (Full Validation)

---

Accreditation:

☒ NELAP ☐ Other \_\_\_\_\_

---

☒ EDD (Type) \_\_\_\_\_

Turn-Around Time:		<input type="checkbox"/> Standard <input checked="" type="checkbox"/> Rush <u>SAME DAY</u>	
Project Name:		HUGHES # 1E	
Project #:			
Project Manager:		NELSON VELEZ	
Sampler:		NELSON VELEZ <i>nv</i>	
On Ice:		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Sample Temperature:		<i>35</i>	



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

4901 Hawkins NE - Albuquerque, NM 87109

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

## Analysis Request

[illegible]

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#: 1608E28

26-Aug-16

Client: Blagg Engineering

Project: Hughes 1E

Sample ID	MB-27168	SampType:	mbk	TestCode:	EPA Method 300.0: Anions					
Client ID:	PBS	Batch ID:	27168	RunNo:	36775					
Prep Date:	8/25/2016	Analysis Date:	8/25/2016	SeqNo:	1139951	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID	LCS-27168	SampType:	lcs	TestCode:	EPA Method 300.0: Anions					
Client ID:	LCSS	Batch ID:	27168	RunNo:	36775					
Prep Date:	8/25/2016	Analysis Date:	8/25/2016	SeqNo:	1139952	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	94.5	90	110			

## 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#: 1608E28

26-Aug-16

Client: Blagg Engineering

Project: Hughes 1E

Sample ID	LCS-27162		SampType: LCS		TestCode: EPA Method 8015M/D: Diesel Range Organics					
Client ID:	LCSS		Batch ID: 27162		RunNo: 36745					
Prep Date:	8/25/2016		Analysis Date: 8/25/2016		SeqNo: 1138933		Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	46	10	50.00	0	92.7	62.6	124			
Surr: DNOP	4.2		5.000		83.5	70	130			

Sample ID	MB-27162	SampType:	MBLK		TestCode:	EPA Method 8015M/D: Diesel Range Organics				
Client ID:	PBS	Batch ID:	27162		RunNo:	36745				
Prep Date:	8/25/2016	Analysis Date:	8/25/2016		SeqNo:	1138934		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	8.9		10.00		89.3	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#: 1608E28

26-Aug-16

Client: Blagg Engineering

Project: Hughes 1E

Sample ID	5ML RB	SampType:	MBLK	TestCode:	EPA Method 8015D: Gasoline Range					
Client ID:	PBS	Batch ID:	G36759	RunNo:	36759					
Prep Date:		Analysis Date:	8/25/2016	SeqNo:	1139606	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	890		1000		88.7	68.3	144			

Sample ID	2.5UG GRO LCS	SampType:	LCS	TestCode:	EPA Method 8015D: Gasoline Range					
Client ID:	LCSS	Batch ID:	G36759	RunNo:	36759					
Prep Date:		Analysis Date:	8/25/2016	SeqNo:	1139607	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	104	80	120			
Surr: BFB	960		1000		96.5	68.3	144			

## 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#: 1608E28

26-Aug-16

Client: Blagg Engineering

Project: Hughes 1E

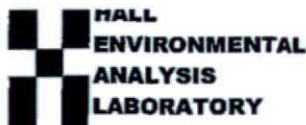
Sample ID	5ML RB	SampType:	MBLK	TestCode:	EPA Method 8021B: Volatiles					
Client ID:	PBS	Batch ID:	B36759	RunNo:	36759					
Prep Date:		Analysis Date:	8/25/2016	SeqNo:	1139612	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.93		1.000		92.8	80	120			

Sample ID	100NG BTEX LCS	SampType:	LCS	TestCode:	EPA Method 8021B: Volatiles					
Client ID:	LCSS	Batch ID:	B36759	RunNo:	36759					
Prep Date:		Analysis Date:	8/25/2016	SeqNo:	1139613	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.1	0.025	1.000	0	107	75.3	123			
Toluene	1.1	0.050	1.000	0	107	80	124			
Ethylbenzene	1.0	0.050	1.000	0	101	82.8	121			
Xylenes, Total	2.9	0.10	3.000	0	97.8	83.9	122			
Surr: 4-Bromofluorobenzene	1.1		1.000		108	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: **1608E28**

RcptNo: 1

Received by/date:	<u>AG</u>	<u>08/25/16</u>
Logged By:	Ashley Gallegos	8/25/2016 8:00:00 AM
Completed By:	Ashley Gallegos	8/25/2016 8:41:12 AM
Reviewed By:	<u>jc</u>	<u>08/25/16</u>

### 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: ☐ 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	3.5	Good	Yes			



# QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1608E26

26-Aug-16

Client: Blagg Engineering

Project: Hughes 1E

Sample ID	MB-27168	SampType:	mbk		TestCode:	EPA Method 300.0: Anions				
Client ID:	PBS	Batch ID:	27168		RunNo:	36775				
Prep Date:	8/25/2016	Analysis Date:	8/25/2016		SeqNo:	1139951	Units:	mg/Kg		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID	LCS-27168	SampType:	lcs	TestCode:	EPA Method 300.0: Anions					
Client ID:	LCSS	Batch ID:	27168	RunNo:	36775					
Prep Date:	8/25/2016	Analysis Date:	8/25/2016	SeqNo:	1139952	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	94.5	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#: 1608E26

26-Aug-16

Client: Blagg Engineering

Project: Hughes 1E

Sample ID	LCS-27162	SampType:	LCS	TestCode:	EPA Method 8015M/D: Diesel Range Organics					
Client ID:	LCSS	Batch ID:	27162	RunNo:	36745					
Prep Date:	8/25/2016	Analysis Date:	8/25/2016	SeqNo:	1138933	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	46	10	50.00	0	92.7	62.6	124			
Surr: DNOP	4.2		5.000		83.5	70	130			

Sample ID	MB-27162	SampType:	MBLK	TestCode:	EPA Method 8015M/D: Diesel Range Organics					
Client ID:	PBS	Batch ID:	27162	RunNo:	36745					
Prep Date:	8/25/2016	Analysis Date:	8/25/2016	SeqNo:	1138934	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	8.9		10.00		89.3	70	130			

Sample ID	1608E24-001AMS	SampType:	MS	TestCode:	EPA Method 8015M/D: Diesel Range Organics					
Client ID:	BatchQC	Batch ID:	27162	RunNo:	36745					
Prep Date:	8/25/2016	Analysis Date:	8/25/2016	SeqNo:	1139346	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	45	10	50.76	5.554	78.4	33.9	141			
Surr: DNOP	4.7		5.076		91.9	70	130			

Sample ID	1608E24-001AMSD	SampType:	MSD	TestCode:	EPA Method 8015M/D: Diesel Range Organics					
Client ID:	BatchQC	Batch ID:	27162	RunNo:	36745					
Prep Date:	8/25/2016	Analysis Date:	8/25/2016	SeqNo:	1139347	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	40	10	49.90	5.554	68.8	33.9	141	12.9	20	
Surr: DNOP	4.5		4.990		90.1	70	130	0	0	

## 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#: 1608E26

26-Aug-16

Client: Blagg Engineering

Project: Hughes 1E

Sample ID	5ML RB	SampType:	MBLK	TestCode:	EPA Method 8015D: Gasoline Range					
Client ID:	PBS	Batch ID:	G36759	RunNo:	36759					
Prep Date:		Analysis Date:	8/25/2016	SeqNo:	1139606	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	890		1000		88.7	68.3	144			

Sample ID	2.5UG GRO LCS	SampType:	LCS	TestCode:	EPA Method 8015D: Gasoline Range					
Client ID:	LCSS	Batch ID:	G36759	RunNo:	36759					
Prep Date:		Analysis Date:	8/25/2016	SeqNo:	1139607	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	104	80	120			
Surr: BFB	960		1000		96.5	68.3	144			

Sample ID	1608E26-001AMS	SampType:	MS	TestCode:	EPA Method 8015D: Gasoline Range					
Client ID:	TH1-8.5' (West Side)	Batch ID:	G36759	RunNo:	36759					
Prep Date:		Analysis Date:	8/25/2016	SeqNo:	1139608	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	17	3.5	17.30	0	98.6	59.3	143			
Surr: BFB	660		692.0		95.4	68.3	144			

Sample ID	1608E26-001AMSD	SampType:	MSD	TestCode:	EPA Method 8015D: Gasoline Range					
Client ID:	TH1-8.5' (West Side)	Batch ID:	G36759	RunNo:	36759					
Prep Date:		Analysis Date:	8/25/2016	SeqNo:	1139609	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	16	3.5	17.30	0	93.1	59.3	143	5.76	20	
Surr: BFB	650		692.0		93.9	68.3	144	0	0	

### 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#: 1608E26

26-Aug-16

Client: Blagg Engineering

Project: Hughes 1E

Sample ID	<b>5ML RB</b>		SampType:	<b>MBLK</b>		TestCode:	<b>EPA Method 8021B: Volatiles</b>			
Client ID:	<b>PBS</b>		Batch ID:	<b>B36759</b>		RunNo:	<b>36759</b>			
Prep Date:			Analysis Date:	<b>8/25/2016</b>		SeqNo:	<b>1139612</b>		Units: <b>mg/Kg</b>	
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	0.93		1.000		92.8	80	120			

Sample ID	<b>100NG BTEX LCS</b>		SampType:	<b>LCS</b>		TestCode:	<b>EPA Method 8021B: Volatiles</b>			
Client ID:	<b>LCSS</b>		Batch ID:	<b>B36759</b>		RunNo:	<b>36759</b>			
Prep Date:			Analysis Date:	<b>8/25/2016</b>		SeqNo:	<b>1139613</b>		Units: <b>mg/Kg</b>	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.1	0.025	1.000	0	107	75.3	123			
Toluene	1.1	0.050	1.000	0	107	80	124			
Ethylbenzene	1.0	0.050	1.000	0	101	82.8	121			
Xylenes, Total	2.9	0.10	3.000	0	97.8	83.9	122			
Surr: 4-Bromofluorobenzene	1.1		1.000		108	80	120			

Sample ID	<b>1608E26-002AMS</b>		SampType:	<b>MS</b>		TestCode:	<b>EPA Method 8021B: Volatiles</b>			
Client ID:	<b>TH2-9' (South Side)</b>		Batch ID:	<b>B36759</b>		RunNo:	<b>36759</b>			
Prep Date:			Analysis Date:	<b>8/25/2016</b>		SeqNo:	<b>1139614</b>		Units: <b>mg/Kg</b>	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.66	0.019	0.7524	0	87.5	71.5	122			
Toluene	0.62	0.038	0.7524	0	82.1	71.2	123			
Ethylbenzene	0.63	0.038	0.7524	0	84.1	75.2	130			
Xylenes, Total	1.9	0.075	2.257	0	83.6	72.4	131			
Surr: 4-Bromofluorobenzene	0.72		0.7524		95.8	80	120			

Sample ID	<b>1608E26-002AMSD</b>		SampType:	<b>MSD</b>		TestCode:	<b>EPA Method 8021B: Volatiles</b>			
Client ID:	<b>TH2-9' (South Side)</b>		Batch ID:	<b>B36759</b>		RunNo:	<b>36759</b>			
Prep Date:			Analysis Date:	<b>8/25/2016</b>		SeqNo:	<b>1139615</b>		Units: <b>mg/Kg</b>	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.65	0.019	0.7524	0	85.8	71.5	122	1.90	20	
Toluene	0.62	0.038	0.7524	0	83.0	71.2	123	1.05	20	
Ethylbenzene	0.62	0.038	0.7524	0	81.8	75.2	130	2.76	20	
Xylenes, Total	1.8	0.075	2.257	0	81.8	72.4	131	2.20	20	
Surr: 4-Bromofluorobenzene	0.73		0.7524		96.4	80	120	0	0	

### 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





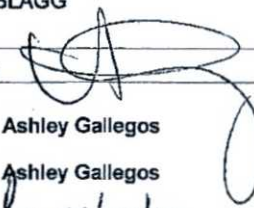
HALL ENVIRONMENTAL ANALYSIS LABORATORY  
4901 Hawkins NE  
Albuquerque, NM 87109  
TEL: 505-345-3975 FAX: 505-345-4107  
Website: www.hallenvironmental.com

## Sample Log-In Check List

Client Name: **BLAGG**

Work Order Number: **1608E26**

RcptNo: 1

Received by/date:		<b>08/25/16</b>
Logged By:	<b>Ashley Gallegos</b>	<b>8/25/2016 8:00:00 AM</b>
Completed By:	<b>Ashley Gallegos</b>	<b>8/25/2016 8:35:24 AM</b>
Reviewed By:	<b>Jc</b>	<b>08/25/16</b>

### 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	3.5	Good	Yes			