# OIL CONS. DIV DIST. 3

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

AUG 1 9 2016

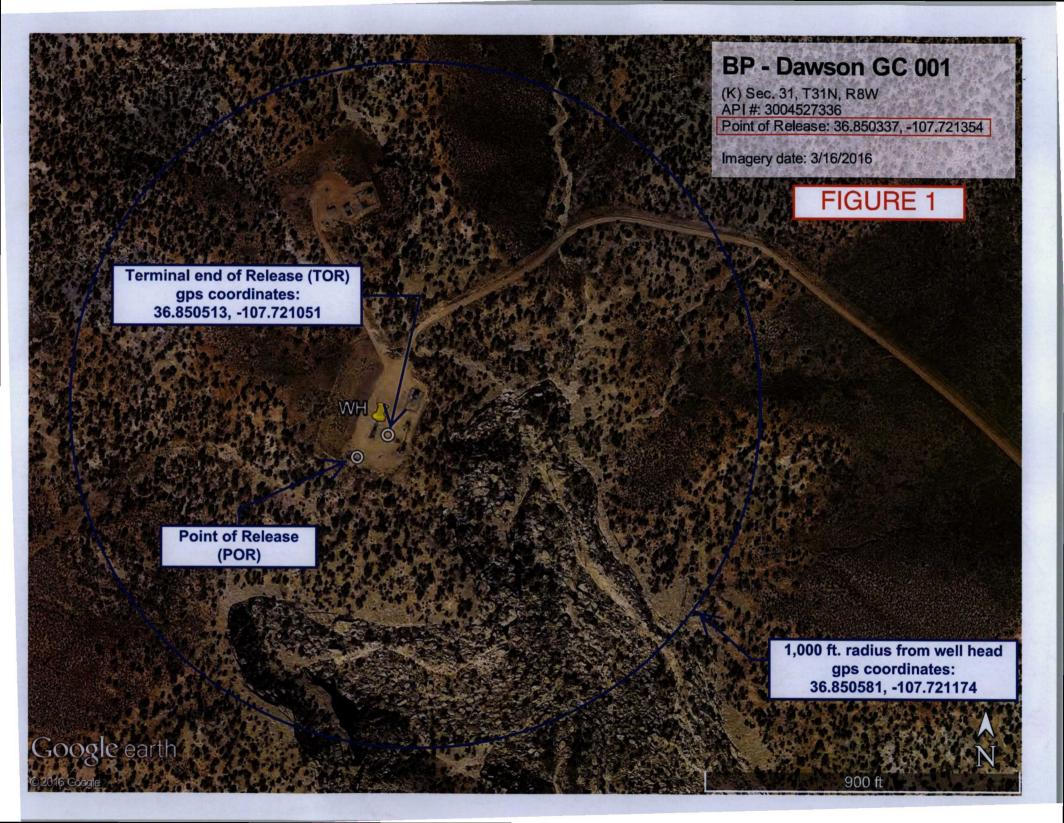
Form C-141 Revised August 8, 2011

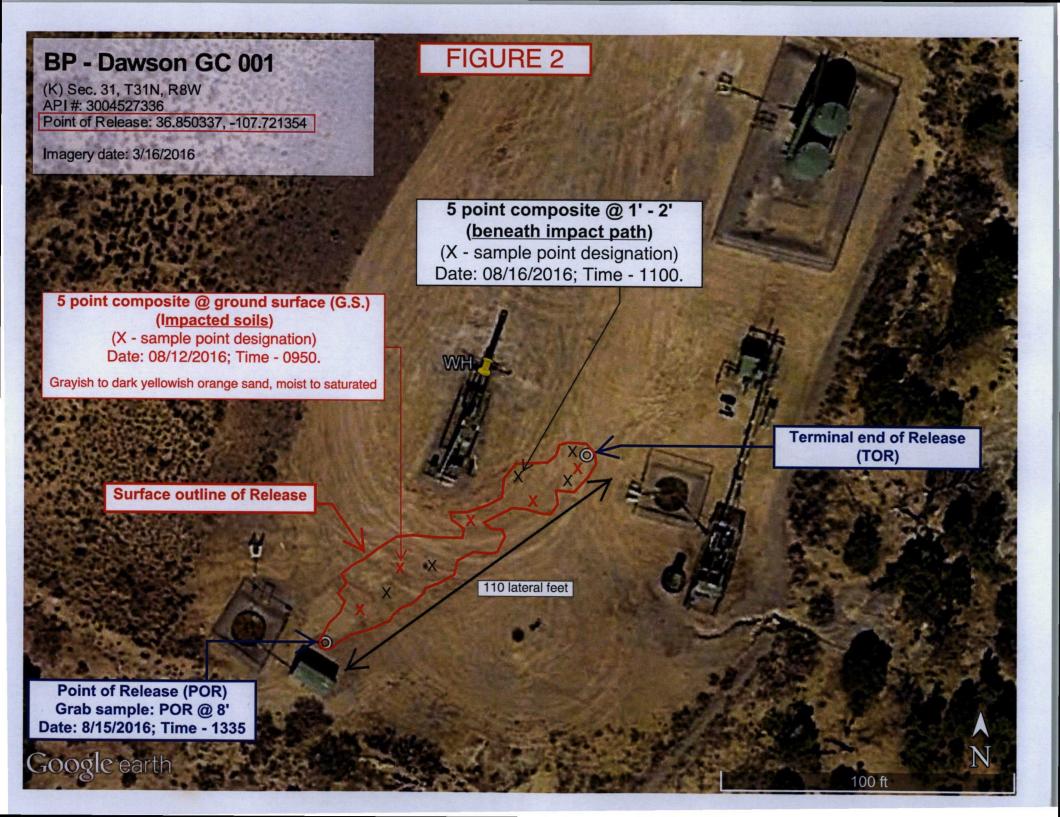
Division Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505

			Rele	ease Notific	cation	n and Co	rrective A	ctio	1			
						<b>OPERA</b>	ГOR			al Report		Final Repo
Name of Co	ompany: B	P			2	Contact: Ste	ve Moskal					•
Address: 20	00 Energy	Court, Farmi	ngton, N	M 87401		Telephone N	No.: 505-326-94	197				
Facility Na							e: Natural gas v					
Surface Ow	ner: Feder	al		Mineral (	Owner:	Federal			API No	. 30045273	336	
				LOCA	ATIO	N OF REI	EASE		ž.			
Unit Letter	Section	Township	Range	Feet from the		South Line	Feet from the	East/	West Line	County: S	an Juan	
K	31	31N	08W	1,210	South		660	West				
		Latitude	36.70	12634°		Longitude	-108.172592	2°_	*	8 <sub>210</sub> sl		
				NAT	URE	OF RELI	EASE			8.0		
Type of Rele	ase: Produc	ed water		11111	CICL		Release: 10 bbl		Volume I	Recovered: r	ione	
		r transfer pipe	line		50		our of Occurrence	ce:		Hour of Dis		August 11,
						unknown			2016 @ 4			
Was Immedi	ate Notice (		Yes	No Not R	equired	If YES, To	Whom?					
By Whom?					- Pr	Date and H	our:					
Was a Water	course Read					If YES, Vo	lume Impacting t	the Wat	ercourse.	11		
			Yes 🛚	No							,	
If a Watercon	urse was Im	pacted, Descr	be Fully.*									
				n Taken.* Tech for aining on site. Pi							om und	erground
was excavate during the in for BTEX, T	ed to reveal itial respons PH and chlo	a release point se, at depth du	in the 3" ring the sp e that the	en.* Approximat polyline caused t oill remediation a initial remediatio uired.	he releas nd below	se. The pipeline the pipeline	ne is under repair during excavation	r. Soil n to rep	samples we	re collected line. Labora	at the su atory sar	urface mple results
regulations a public health should their or or the enviro	Il operators or the envi operations h nment. In a	are required to ronment. The nave failed to a	acceptance acceptance dequately CD accep	is true and comp ad/or file certain ree of a C-141 repo investigate and retaince of a C-141	elease neort by the emediate	otifications are NMOCD made contamination	nd perform correct arked as "Final R on that pose a three the operator of	etive active act	tions for rele does not rele round water sibility for co	eases which leve the open r, surface was ompliance v	may en rator of ater, hun with any	danger liability nan health
							OIL CON	SERV	ATION	DIVISIO	<u>N</u>	
Signature:	Must	Men				Approved by	Environmental S	Laighie		X	)	
Printed Name						Approved by	Environniental S	Polatis	" ba	5		
		tal Coordinato	r			Approval Dat	e: 10 5 20	16	Expiration 1	Date:		20
E-mail Addre	ess: steven.	moskal@bp.co	m			Conditions of				Attached		
Date: Augus	19 2016		Phone	505-326-9497		NIC	162253	270	17		_	

\* Attach Additional Sheets If Necessary





## Analytical Report

#### Lab Order 1608814

Date Reported: 8/18/2016

### Hall Environmental Analysis Laboratory, Inc.

CLIENT: Blagg Engineering

Project: Dawson GC 1

Lab ID: 1608814-001

Matrix: SOIL

Client Sample ID: 5PC-Impacted @ G.S.- (flowline

Collection Date: 8/12/2016 9:50:00 AM

Received Date: 8/13/2016 7:15:00 AM

Analyses	Result	PQL Q	ual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	MRA
Chloride	990	30	mg/Kg	20	8/15/2016 7:18:57 PM	26992
EPA METHOD 8015M/D: DIESEL RAN	GE ORGANIC	S			Analyst	TOM
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	8/16/2016 1:04:20 PM	26990
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	8/16/2016 1:04:20 PM	26990
Surr: DNOP	106	70-130	%Rec	1	8/16/2016 1:04:20 PM	26990
EPA METHOD 8015D: GASOLINE RAI	NGE				Analyst	NSB
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	8/16/2016 10:30:28 AM	26977
Surr: BFB	79.6	68.3-144	%Rec	1	8/16/2016 10:30:28 AM	26977
EPA METHOD 8021B: VOLATILES					Analyst:	NSB
Benzene	ND	0.024	mg/Kg	1	8/16/2016 10:30:28 AM	26977
Toluene	ND	0.048	mg/Kg	1	8/16/2016 10:30:28 AM	26977
Ethylbenzene	ND	0.048	mg/Kg	1	8/16/2016 10:30:28 AM	26977
Xylenes, Total	ND	0.096	mg/Kg	1	8/16/2016 10:30:28 AM	26977
Surr: 4-Bromofluorobenzene	100	80-120	%Rec	1	8/16/2016 10:30:28 AM	26977

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

- 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 Page 1 of 5
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

#### **Analytical Report**

Lab Order 1608883

Date Reported: 8/18/2016

### Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Blagg Engineering

Project: DAWSON GC #1

Lab ID: 1608883-001

Client Sample ID: POR @ 8'

Collection Date: 8/15/2016 1:35:00 PM

Received Date: 8/16/2016 7:00:00 AM

Analyses	Result	PQL Q	ual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS	8		8 4	* *	Analyst	: LGT
Chloride	190	30	mg/Kg	20	8/16/2016 11:54:57 AM	27014
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS	3			Analyst	: TOM
Diesel Range Organics (DRO)	ND	9.5	mg/Kg	1	8/16/2016 12:20:40 PM	26998
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	8/16/2016 12:20:40 PM	26998
Surr: DNOP	105	70-130	%Rec	1	8/16/2016 12:20:40 PM	26998
EPA METHOD 8015D: GASOLINE RANGE	<b>=</b>				Analyst	: NSB
Gasoline Range Organics (GRO)	ND	3.3	mg/Kg	1	8/16/2016 12:08:46 PM	26977
Surr: BFB	81.4	68.3-144	%Rec	1	8/16/2016 12:08:46 PM	26977
EPA METHOD 8021B: VOLATILES					Analyst	NSB
Benzene	ND	0.016	mg/Kg	1	8/16/2016 12:08:46 PM	26977
Toluene	ND	0.033	mg/Kg	1	8/16/2016 12:08:46 PM	26977
Ethylbenzene	ND	0.033	mg/Kg	1	8/16/2016 12:08:46 PM	26977
Xylenes, Total	ND	0.066	mg/Kg	1	8/16/2016 12:08:46 PM	26977
Surr: 4-Bromofluorobenzene	104	80-120	%Rec	1	8/16/2016 12:08:46 PM	26977

Matrix: SOIL

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

- 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 Page 1 of 5
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

#### **Analytical Report**

#### Lab Order 1608981

Date Reported: 8/18/2016

#### Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Blagg Engineering

g Client Sample ID: 5PC @ 1'-2'

Project: Dawson GC #1

Collection Date: 8/16/2016 11:00:00 AM

**Lab ID:** 1608981-001 **Matrix:** MEOH (SOIL)

Received Date: 8/17/2016 8:20:00 AM

Analyses	Result	PQL Qu	al Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS			e		Analyst	MRA
Chloride	ND	30	mg/Kg	20	8/17/2016 11:05:39 AM	27036
EPA METHOD 8015M/D: DIESEL RANG	SE ORGANICS	8			Analyst	: TOM
Diesel Range Organics (DRO)	ND	10	mg/Kg	1	8/17/2016 10:30:10 AM	27028
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	8/17/2016 10:30:10 AM	27028
Surr: DNOP	90.7	70-130	%Rec	1	8/17/2016 10:30:10 AM	27028
<b>EPA METHOD 8015D: GASOLINE RAN</b>	GE				Analyst	: NSB
Gasoline Range Organics (GRO)	ND	4.1	mg/Kg	1	8/17/2016 10:36:15 AM	27006
Surr: BFB	84.6	68.3-144	%Rec	1	8/17/2016 10:36:15 AM	27006
<b>EPA METHOD 8021B: VOLATILES</b>					Analyst	: NSB
Benzene	ND	0.021	mg/Kg	1	8/17/2016 10:36:15 AM	27006
Toluene	ND	0.041	mg/Kg	1	8/17/2016 10:36:15 AM	27006
Ethylbenzene	ND	0.041	mg/Kg	1	8/17/2016 10:36:15 AM	27006
Xylenes, Total	ND	0.082	mg/Kg	1	8/17/2016 10:36:15 AM	27006
Surr: 4-Bromofluorobenzene	99.1	80-120	%Rec	1	8/17/2016 10:36:15 AM	27006

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

- 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 Page 1 of 5
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

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	if necessary,	samples sub	mitted to Hall Environmental may be su	bcontracted to other	accredited laboratorie	es. This serves as notice	ves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.				port.											

C)			tody Record / BP AMERICA	Standard Project Name	Rush _	HR.	HALL ENVIRONMENTAL ANALYSIS LABORATOR www.hallenvironmental.com														
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Date	Time	Mainx	Sample Request ID	Container Type and #	Preservative Type	HEAL NO.	BTEX +-AA	BTEX + MTBE + TPH (Gas only)	TPH 8015B (GRO/	TPH (Method 418.1)	EDB (Method 504.1)	PAH (8310 or 82705IMS)	RCRA 8 Metals	Anions (F,Cl,NO3,NO2,PO4,SO4)	8081 Pesticides / 8082 PCB*	8260B (VOA)	8270 (Semi-VOA)	Chloride (s	al emilia	Grab sample	Air Bubbles (Y or N)
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#### Hall Environmental Analysis Laboratory, Inc.

WO#:

1608814 18-Aug-16

Client:

**Blagg Engineering** 

Project:

Dawson GC 1

Sample ID MB-26992

SampType: mblk

TestCode: EPA Method 300.0: Anions

Client ID:

Prep Date:

8/15/2016

8/15/2016

Batch ID: 26992 Analysis Date: 8/15/2016 RunNo: 36525

SeqNo: 1130975

Units: mg/Kg

Qual

Analyte

Result

PQL SPK value SPK Ref Val %REC LowLimit

HighLimit

**RPDLimit** 

Chloride

ND 1.5

Sample ID LCS-26992

SampType: Ics

TestCode: EPA Method 300.0: Anions RunNo: 36525

Client ID: LCSS Batch ID: 26992

Analysis Date: 8/15/2016

SeqNo: 1130976

Units: mg/Kg HighLimit

%RPD **RPDLimit** 

Qual

Analyte

Prep Date:

Result PQL

15.00

90

LowLimit

Chloride

14

1.5

SPK value SPK Ref Val

%REC 90.6

110

Qualifiers:

Value exceeds Maximum Contaminant Level.

Sample Diluted Due to Matrix D

Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

RPD outside accepted recovery limits R

% Recovery outside of range due to dilution or matrix

В Analyte detected in the associated Method Blank

E Value above quantitation range

Analyte detected below quantitation limits

Page 2 of 5

Sample pH Not In Range

RL Reporting Detection Limit

Sample container temperature is out of limit as specified

#### Hall Environmental Analysis Laboratory, Inc.

WO#: 1608814

18-Aug-16

Client:

Blagg Engineering

Project:

Dawson GC 1

Sample ID	LCS-2694

SampType: LCS

TestCode: EPA Method 8015M/D: Diesel Range Organics

Lowl imit

70

70

Client ID:

LCSS

Batch ID: 26949

RunNo: 36499

Prep Date:

SeqNo: 1130646

Units: %Rec

8/12/2016

Analysis Date: 8/15/2016 POL

Analyte

Result

SPK value SPK Ref Val

%REC

4.7

5.000

93.3

%RPD HighLimit 130

Qual

Surr: DNOP

Sample ID MB-26949

SampType: MBLK

TestCode: EPA Method 8015M/D: Diesel Range Organics

%RPD

Client ID:

PBS

Batch ID: 26949

RunNo: 36499

Prep Date: 8/12/2016

Analysis Date: 8/15/2016

SeqNo: 1130647

Units: %Rec

Analyte

Result 8.7

Result

SPK value SPK Ref Val

%REC LowLimit HighLimit

Qual

Surr: DNOP

10.00

87.0

**RPDLimit** 

**RPDLimit** 

Client ID: LCSS

SampType: LCS

PQL

**PQL** 

TestCode: EPA Method 8015M/D: Diesel Range Organics

130

Sample ID LCS-26990

Batch ID: 26990

RunNo: 36499

124

130

Analyte

Prep Date: 8/15/2016

Analysis Date: 8/16/2016

SPK value SPK Ref Val

50.00

5.000

SeqNo: 1131339 %REC LowLimit

Units: mg/Kg HighLimit

Diesel Range Organics (DRO)

49 10 4.6

62.6 97.3 91.9 70 %RPD **RPDLimit** 

Qual

Surr: DNOP

Client ID:

Sample ID MB-26990

SampType: MBLK

TestCode: EPA Method 8015M/D: Diesel Range Organics

Prep Date: 8/15/2016

**PBS** 

Batch ID: 26990 Analysis Date: 8/16/2016 RunNo: 36499 SeqNo: 1131341

Units: mg/Kg

Analyte

Diesel Range Organics (DRO)

PQL ND

SPK value SPK Ref Val %REC

LowLimit HighLimit %RPD

Qual

Motor Oil Range Organics (MRO)

Client ID:

Prep Date:

ND 11

Result

Result

8.9

Analysis Date: 8/17/2016

10.00

108

**RPDLimit** 

Surr: DNOP

10

50

70

130

Sample ID LCS-27019

SampType: LCS Batch ID: 27019

SPK value SPK Ref Val

E

P

10.00

TestCode: EPA Method 8015M/D: Diesel Range Organics RunNo: 36556

90.6

%REC

Sample pH Not In Range

89.4

Units: %Rec

%RPD

Qual

Qual

Analyte

Surr: DNOP

LCSS

8/16/2016

4.5

Analysis Date: 8/17/2016

SPK value SPK Ref Val %REC 5.000

SeqNo: 1132223

LowLimit

HighLimit 130

%RPD **RPDLimit** 

Sample ID MB-27019

Prep Date: 8/16/2016

SampType: MBLK

Batch ID: 27019

SeqNo: 1132224

RunNo: 36556

LowLimit

70

TestCode: EPA Method 8015M/D: Diesel Range Organics

Units: %Rec

130

HighLimit

**RPDLimit** 

Analyte Surr: DNOP

Client ID:

Qualifiers:

Value exceeds Maximum Contaminant Level.

H Holding times for preparation or analysis exceeded Not Detected at the Reporting Limit ND

В Analyte detected in the associated Method Blank

> Value above quantitation range Analyte detected below quantitation limits

RL Reporting Detection Limit Sample container temperature is out of limit as specified

Sample Diluted Due to Matrix D

RPD outside accepted recovery limits R S % Recovery outside of range due to dilution or matrix Page 3 of 5

#### Hall Environmental Analysis Laboratory, Inc.

WO#:

1608814

18-Aug-16

Client:

**Blagg Engineering** 

Project:

Dawson GC 1

Sample ID MB-26977

SampType: MBLK

TestCode: EPA Method 8015D: Gasoline Range

**PBS** 

Batch ID: 26977

RunNo: 36534

%REC

Client ID:

PQL

5.0

Prep Date: 8/15/2016

Analysis Date: 8/16/2016

SPK value SPK Ref Val

SPK value SPK Ref Val

SeqNo: 1131742

Units: mg/Kg

HighLimit

**RPDLimit** 

Qual

Analyte Gasoline Range Organics (GRO) Surr: BFB

ND 760

Result

1000

76.2

68.3

%RPD

%RPD

SampType: LCS

144

Sample ID LCS-26977

Client ID: LCSS

Batch ID: 26977

TestCode: EPA Method 8015D: Gasoline Range

RunNo: 36534

LowLimit

LowLimit

HighLimit

Analyte

Prep Date: 8/15/2016

Result

Result

Result

900

850

Analysis Date: 8/16/2016 PQL

SeqNo: 1131743

Units: mg/Kg

Qual

Surr: BFB

Gasoline Range Organics (GRO)

20 5.0 920

25.00 1000

1000

%REC 80.2 92.3

80 68.3 120 144

**RPDLimit** 

Sample ID MB-27006

SampType: MBLK Batch ID: 27006

TestCode: EPA Method 8015D: Gasoline Range

RunNo: 36570

Prep Date: Analyte

Client ID:

8/16/2016

Analysis Date: 8/17/2016

SPK value SPK Ref Val

SeqNo: 1132895

68.3

LowLimit

Units: %Rec HighLimit

144

%RPD **RPDLimit**  Qual

Surr: BFB

Client ID:

Prep Date:

LCSS

Sample ID LCS-27006

SampType: LCS

TestCode: EPA Method 8015D: Gasoline Range

%REC

84.7

SeqNo: 1132896

90.3

RunNo: 36570

Units: %Rec

**RPDLimit** 

Page 4 of 5

Qual

Analyte Surr: BFB 8/16/2016

Analysis Date: 8/17/2016

Batch ID: 27006

SPK value SPK Ref Val

1000

%REC LowLimit

68.3

%RPD HighLimit 144

#### Qualifiers:

H

- Value exceeds Maximum Contaminant Level.
- Sample Diluted Due to Matrix D
- ND Not Detected at the Reporting Limit RPD outside accepted recovery limits R
- % Recovery outside of range due to dilution or matrix

Holding times for preparation or analysis exceeded

- В Analyte detected in the associated Method Blank
- E Value above quantitation range
- Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Detection Limit Sample container temperature is out of limit as specified

#### Hall Environmental Analysis Laboratory, Inc.

WO#:

1608814

18-Aug-16

Client:

**Blagg Engineering** 

Project:

Dawson GC 1

Sample ID Client ID:	MB-26977
Client ID:	PBS

SampType: MBLK

TestCode: EPA Method 8021B: Volatiles

Batch ID: 26977

RunNo: 36534

Units: mg/Kg

Prep Date: 8/15/2016

Analysis Date: 8/16/2016

SeqNo: 1131777

HighLimit

%RPD **RPDLimit** 

Qual

Analyte	Result	PQL
Benzene	ND	0.025
Toluene	ND	0.050
Ethylbenzene	ND	0.050
Xylenes, Total	ND	0.10
Surr: 4-Bromofluorobenzene	0.98	

Surr: 4-Bromofluorobenzene Sample ID LCS-26977

SampType: LCS

1.000

TestCode: EPA Method 8021B: Volatiles

120

Client ID: LCSS

Batch ID: 26977

RunNo: 36534

98.5

Prep Date: 8/15/2016	Analysis D	ate: 8/	16/2016	S	SeqNo: 1	131778	Units: mg/K	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.84	0.025	1.000	0	84.2	75.3	123			
Toluene	0.84	0.050	1.000	0	83.7	80	124			
Ethylbenzene	0.81	0.050	1.000	0	81.5	82.8	121			S
Xylenes, Total	2.5	0.10	3.000	0	81.7	83.9	122			S
Surr: 4-Bromofluorobenzene	1.1		1.000		105	80	120			

SPK value SPK Ref Val %REC LowLimit

Sample ID MB-27006 Client ID:

SampType: MBLK

TestCode: EPA Method 8021B: Volatiles

Batch ID: 27006

RunNo: 36570

Prep Date:

Analysis Date: 8/17/2016

SeqNo: 1132930

Units: %Rec

120

Surr: 4-Bromofluorobenzene

Result 0.99 SPK value SPK Ref Val 1.000

%REC LowLimit 99.4

HighLimit

%RPD **RPDLimit** 

Qual

Sample ID LCS-27006

Client ID: LCSS

SampType: LCS Batch ID: 27006

TestCode: EPA Method 8021B: Volatiles

RunNo: 36570

Units: %Rec

HighLimit

Prep Date: Analyte

8/16/2016

8/16/2016

Analysis Date: 8/17/2016

SeqNo: 1132931

80

%RPD **RPDLimit** 

Qual

Surr: 4-Bromofluorobenzene

Result 1.1

1.000

SPK value SPK Ref Val %REC LowLimit

105

80

120

- Value exceeds Maximum Contaminant Level.
- Sample Diluted Due to Matrix D
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- RPD outside accepted recovery limits R
- % Recovery outside of range due to dilution or matrix
- Analyte detected in the associated Method Blank В
- E Value above quantitation range
- J Analyte detected below quantitation limits
- Page 5 of 5

- P Sample pH Not In Range
- Reporting Detection Limit RL
- 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 C	order Number:	1608	814			RcptN	lo: 1
	100	nal.	1						
Received by/date:	111	0811.	3110			Λ			
Logged By: Ashley Ga	legos	8/13/2016	7:15:00 AM			54	f		İ
Completed By: Ashley Ga	legos	1	7:51:08 AM			A	F		
Reviewed By: W/a	1	081	15/14	)			,		
Chain of Custody		'	( , ,						
1. Custody seals intact on se	ample bottles?			Yes		No		Not Present	
2. Is Chain of Custody comp	lete?			Yes		No		Not Present	]
3. How was the sample deliv	ered?			Cou	ier				
Log In									
4. Was an attempt made to	cool the samp	les?		Yes		No		NA [	
5. Were all samples receive	d at a tempera	ture of >0° C	to 6.0°C	Yes		No		NA 🗆	]
6. Sample(s) in proper conta	ainer(s)?			Yes		No			
7. Sufficient sample volume	for indicated to	est(s)?		Yes		No			
8. Are samples (except VOA	and ONG) pro	perly preserve	ed?	Yes		No			
9. Was preservative added t	o bottles?			Yes		No		NA [	]
10.VOA vials have zero head	space?			Yes		No		No VOA Vials	
11. Were any sample contain	ers received b	roken?		Yes		No			
							_	# of preserved bottles checked	
<ol><li>Does paperwork match be (Note discrepancies on ch</li></ol>		١		Yes		No		for pH:	2 or >12 unless noted)
13. Are matrices correctly ide				Yes		No		Adjusted?	,
14. Is it clear what analyses v				Yes		No		•	
15. Were all holding times ab				Yes		No		Checked by	<b>/</b> :
(If no, notify customer for	authorization.)								
Special Handling (if ap)	olicable)								
16. Was client notified of all d		ith this order?		Yes		No		NA 🗷	2
Person Notified:		Managaran makan da matan da paraban da makan da kan da	Date	RESIDENCADADA		araccurso concentrar servicalida.	MANUTUR .		,
By Whom:			Via:	— eMa	eil 🗀	Phone	Fax	☐ In Person	i
Regarding:	CACTORICA FOLDA DE CENTRADA DE SEUTA DE	THE RESERVE THE PROPERTY OF TH	TEMPERATURE	MARKET CIVIC	MANAGEMENT AND	MAKESHAMMENTANIES	I GA	THE CLOCK	.
Client Instructions:	S DANK BELLINK BLIKE BLAKEN EVER BY CHELIN	***	ACCOUNT A THIRD THE WASHINGTON THE PARTY OF THE	PARKA MARKA	MULLINAMETRICAL AND ADDRESS OF AD	ом нажен запажавана менена за	A PACINICAL PACES AND	***************************************	
17. Additional remarks:							ti.		1
18. Cooler Information									
Cooler No Temp °C	Condition	Seal Intact	Seal No	Seal D	ate	Signed E	Ву		
1 1.2	Good	Yes	******		-			,	

#### Hall Environmental Analysis Laboratory, Inc.

WO#:

1608883

18-Aug-16

Client:

Blagg Engineering

Project:

DAWSON GC #1

Sample ID MB-27014

SampType: MBLK

TestCode: EPA Method 300.0: Anions

Client ID: Prep Date:

**PBS** 

Batch ID: 27014

RunNo: 36535

Units: mg/Kg

HighLimit

8/16/2016

Analysis Date: 8/16/2016

SeqNo: 1131490

Analyte

**PQL** Result

SPK value SPK Ref Val

%REC LowLimit %RPD

**RPDLimit** 

Qual

Chloride

ND

SampType: LCS Batch ID: 27014

1.5

RunNo: 36535

Prep Date: 8/16/2016

Sample ID LCS-27014

LCSS

SeqNo: 1131491

Units: mg/Kg

Analyte

Client ID:

Analysis Date: 8/16/2016

SPK value SPK Ref Val %REC LowLimit

HighLimit

%RPD **RPDLimit** 

**PQL** 1.5

92.1

Qual

Chloride

15.00

14

90

TestCode: EPA Method 300.0: Anions

110

Qualifiers:

Value exceeds Maximum Contaminant Level.

Sample Diluted Due to Matrix D

Holding times for preparation or analysis exceeded H

Not Detected at the Reporting Limit ND

R RPD outside accepted recovery limits

S % Recovery outside of range due to dilution or matrix В Analyte detected in the associated Method Blank

E Value above quantitation range

Analyte detected below quantitation limits

Sample pH Not In Range

P

RLReporting Detection Limit

Sample container temperature is out of limit as specified

Page 2 of 5

#### Hall Environmental Analysis Laboratory, Inc.

WO#:

1608883

18-Aug-16

Client:

**Blagg Engineering** 

DAWSON GC #1 Project: Sample ID LCS-26949

Client ID: LCSS SampType: LCS Batch ID: 26949 TestCode: EPA Method 8015M/D: Diesel Range Organics RunNo: 36499

Prep Date: 8/12/2016 Analysis Date: 8/15/2016

Units: %Rec

SeqNo: 1130646

Analyte Surr: DNOP Result 4.7

SPK value SPK Ref Val %REC 5.000

LowLimit HighLimit 93.3 70

LowLimit

70

%RPD **RPDLimit** Qual

Sample ID MB-26949 Client ID: PRS

SampType: MBLK Batch ID: 26949

RunNo: 36499

130

Prep Date: 8/12/2016 Analysis Date: 8/15/2016

SeqNo: 1130647

Units: %Rec

TestCode: EPA Method 8015M/D: Diesel Range Organics

HighLimit %RPD **RPDLimit** Qual

Analyte Surr: DNOP Result **PQL** 8.7

SPK value SPK Ref Val %REC 10.00

87.0

130

Sample ID LCS-26990

SampType: LCS

TestCode: EPA Method 8015M/D: Diesel Range Organics

Client ID: LCSS

Batch ID: 26990

RunNo: 36499

Units: %Rec

Prep Date: 8/15/2016 Analysis Date: 8/16/2016

SeqNo: 1131339

91.9

Analyte

Result

46

SPK value SPK Ref Val %REC LowLimit

HighLimit %RPD **RPDLimit** Qual

Surr: DNOP

SampType: LCS

TestCode: EPA Method 8015M/D: Diesel Range Organics

Client ID:

Prep Date:

Sample ID LCS-26998 LCSS

Batch ID: 26998

PQL

RunNo: 36499

124

130

130

Analyte

Analysis Date: 8/16/2016

SeqNo: 1131340

70

Units: mg/Kg

Diesel Range Organics (DRO)

50.00 5.000

SPK value SPK Ref Val %REC 99.6 92.4

LowLimit **HighLimit** 62.6

%RPD **RPDLimit** Qual

Surr: DNOP Sample ID MB-26990

SampType: MBLK

TestCode: EPA Method 8015M/D: Diesel Range Organics RunNo: 36499

70

Client ID: **PBS** Prep Date:

8/15/2016

8/16/2016

Batch ID: 26990 Analysis Date: 8/16/2016

Analyte

Result

50

4.6

SeqNo: 1131341

Surr: DNOP

PQL Result 11

SPK value SPK Ref Val 10.00

5.000

%REC

108

Units: %Rec HighLimit

**RPDLimit** 

Oual

Qual

Sample ID MB-26998

Motor Oil Range Organics (MRO)

SampType: MBLK

SPK value SPK Ref Val %REC LowLimit

TestCode: EPA Method 8015M/D: Diesel Range Organics

Client ID: Prep Date:

**PBS** 8/16/2016

Batch ID: 26998 Analysis Date: 8/16/2016 RunNo: 36499 SeqNo: 1131342

70

70

LowLimit

Units: mg/Kg

130

Analyte Diesel Range Organics (DRO) Result PQL ND 10 ND 50

8.9

10.00

89.2

130

HighLimit %RPD **RPDLimit** 

%RPD

S

Surr: DNOP

Qualifiers: Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

% Recovery outside of range due to dilution or matrix

ND Not Detected at the Reporting Limit

R RPD outside accepted recovery limits В Analyte detected in the associated Method Blank

E Value above quantitation range

Analyte detected below quantitation limits

Sample pH Not In Range

RL Reporting Detection Limit Sample container temperature is out of limit as specified Page 3 of 5

## Hall Environmental Analysis Laboratory, Inc.

WO#:

1608883

18-Aug-16

Client:

**Blagg Engineering** 

Project:

DAWSON GC #1

Project: DAWS0	ON GC #1						
Sample ID MB-26977	SampType: MBLK	TestCode: EPA Method	8015D: Gasoline Range				
Client ID: PBS	Batch ID: 26977	RunNo: 36534					
Prep Date: 8/15/2016	Analysis Date: 8/16/2016	SeqNo: 1131742	Units: mg/Kg				
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD F	RPDLimit Qual			
Gasoline Range Organics (GRO)	ND 5.0			9			
Surr: BFB	760 1000	76.2 68.3	144				
Sample ID LCS-26977	SampType: LCS	TestCode: EPA Method	8015D: Gasoline Range				
Client ID: LCSS	Batch ID: 26977	Batch ID: 26977 RunNo: 36534					
Prep Date: 8/15/2016	Analysis Date: 8/16/2016	SeqNo: 1131743	Units: mg/Kg				
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD F	RPDLimit Qual			
Gasoline Range Organics (GRO)	20 5.0 25.00	0 80.2 80	120				
Surr: BFB	920 1000	92.3 68.3	144				
Sample ID MB-27006	SampType: MBLK	TestCode: EPA Method	8015D: Gasoline Range				
Client ID: PBS	Batch ID: 27006	RunNo: 36570					
Prep Date: 8/16/2016	Analysis Date: 8/17/2016	SeqNo: 1132895	Units: %Rec				
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD R	RPDLimit Qual			
Surr: BFB	850 1000	84.7 68.3	144				
Sample ID LCS-27006	SampType: LCS	TestCode: EPA Method	8015D: Gasoline Range				
Client ID: LCSS	Batch ID: 27006	RunNo: 36570					
Prep Date: 8/16/2016	Analysis Date: 8/17/2016	SeqNo: 1132896	Units: %Rec				
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD R	RPDLimit Qual			
Surr: BFB	900 1000	90.3 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

Page 4 of 5

- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

## Hall Environmental Analysis Laboratory, Inc.

SampType: LCS

WO#:

1608883

18-Aug-16

Client:

**Blagg Engineering** 

Project:

Sample ID LCS-26977

DAWSON GC #1

Sample ID MB-26977	Samp	SampType: MBLK			TestCode: EPA Method 8021B: Volatiles					
Client ID: PBS	Batcl	h ID: 26	977	F	RunNo: 3	6534				
Prep Date: 8/15/2016	Analysis D	Date: 8/	16/2016	8	SeqNo: 1	131777	Units: mg/K	g		
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	0.98		1.000		98.5	80	120			

Client ID: LCSS	Batch	1D: 26	977	F	RunNo: 3	6534				
Prep Date: 8/15/2016	Analysis D	ate: 8/	16/2016	S	SeqNo: 1	131778	Units: mg/K	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.84	0.025	1.000	0	84.2	75.3	123		4	V.
Toluene	0.84	0.050	1.000	0	83.7	80	124			
Ethylbenzene	0.81	0.050	1.000	0	81.5	82.8	121			S
Xylenes, Total	2.5	0.10	3.000	0	81.7	83.9	122			S
Surr: 4-Bromofluorobenzene	1.1		1.000		105	80	120			

TestCode: EPA Method 8021B: Volatiles

Sample ID MB-27006	SampTyp	e: MBLK	TestCode: EPA Method 8021B: Volatiles						
Client ID: PBS	Batch II	D: <b>27006</b>	R	unNo: 36	6570				
Prep Date: 8/16/2016	Analysis Date	e: 8/17/2016	S	eqNo: 1	132930	Units: %Red	:		
Analyte	Result	PQL SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	0.99	1.000		99.4	80	120		× ×	

Sample ID LCS-27006	SampType: LCS			TestCode: EPA Method 8021B: Volatiles						
Client ID: LCSS	Batch	ID: <b>27</b>	006	F	RunNo: 3	6570				
Prep Date: 8/16/2016	Analysis Da	ate: 8/	17/2016	8	SeqNo: 1	132931	Units: %Red	C		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Curry A Dramafluarahannana	4.4		1 000		405	00	100			

Surr: 4-Bromofluorobenzene 1.1 1.000 105 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

Page 5 of 5



#### 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 I	Name:	BLAGG		Work Orde	er Number:	16088	83			RcptNo:	1
Receive	ed by/dat	e:									
Logged	Ву:	Anne Thor	ne	8/16/2016 7:	00:00 AM			ane.	Am	_	
Comple	ted By:	Anne Thor	пе	8/16/2016				Arne .	Alm	_	
Reviewe	ed By:	NB8/IL/16									
Chain	of Cus	tody									
1. Cus	stody sea	ls intact on sa	ample bottles?			Yes		No		Not Present	
2. Is C	chain of C	custody comp	lete?			Yes	<b>✓</b>	No		Not Present	
3. How	v was the	sample deliv	rered?			Cour	er				
Log In	2										
4. Wa	s an atte	mpt made to	cool the samples?	,		Yes	<b>✓</b>	No		na 🗆	
5. Wer	re all san	nples received	d at a temperature	of >0° C to 6	.0°C	Yes	<b>✓</b>	No		NA 🗆	
6. San	6. Sample(s) in proper container(s)?							No			
7. Suff	ficient sa	mple volume	for indicated test(s	s)?		Yes	<b>✓</b>	No			
8. Are	samples	(except VOA	and ONG) proper	ly preserved?		Yes	<b>✓</b>	No			
9. Was	s preserv	ative added to	o bottles?			Yes		No	<b>✓</b>	NA 🗆	
10.VOA	A vials ha	ve zero head	space?			Yes		No		No VOA Vials	
11. We	re any sa	mple contain	ers received broke	en?		Yes		No	V	# of preserved	2
40 =										bottles checked	
		ork match bo pancies on ch	attle labels? ain of custody)			Yes	✓	No	_	for pH: (<2 o	r >12 unless noted)
		1 P	ntified on Chain of	Custody?		Yes	<b>✓</b>	No		Adjusted?	
14. Is it	clear wh	at analyses w	ere requested?			Yes	<b>~</b>	No			
		ling times abl				Yes	$\checkmark$	No		Checked by:	
(IT II)	o, notity (	customer for a	authorization.)							* 3	3
Specia	l Hand	ling (if app	olicable)								
1000			screpancies with t	his order?		Yes		No		NA 🗹	
	Person	Notified:			Date				_		]
	By Wh	om:	AND ASSESSMENT OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TRANSPORT NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TRANSPORT NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TRANSPORT NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TRANSPORT NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TRANSPORT NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TRANSPORT NAMED		Via:	eMa	il 🗌 P	hone 🗌	Fax	☐ In Person	10 mg
	Regard	ling:							·		
	Client I	nstructions:		TO SECOND THE PROPERTY OF THE PERSON OF THE						1	12 12 12
17. Add	ditional re	marks:									•
#2. X	oler Info Cooler No	rmation Temp °C 1.0	Condition Se		al No S	eal Da	te	Signed I	Ву		1

#### Hall Environmental Analysis Laboratory, Inc.

WO#:

1608981

18-Aug-16

Client:

**Blagg Engineering** 

Project:

Dawson GC #1

Sample ID LCS-27019

SampType: LCS

TestCode: EPA Method 8015M/D: Diesel Range Organics

Client ID:

LCSS

Batch ID: 27019

RunNo: 36556

Prep Date: 8/16/2016

Analysis Date: 8/17/2016

SeqNo: 1132223

Units: %Rec

**RPDLimit** Qual

Analyte Surr: DNOP Result 4.5 SPK value SPK Ref Val 5.000

%REC 90.6

HighLimit 130 %RPD

Sample ID MB-27019

SampType: MBLK

TestCode: EPA Method 8015M/D: Diesel Range Organics

Client ID: Prep Date:

PBS

Batch ID: 27019

RunNo: 36556

Units: %Rec

Analyte

8/16/2016

Analysis Date: 8/17/2016

8.9

SeqNo: 1132224

Qual

Surr: DNOP

Result **PQL** 

SPK value SPK Ref Val

10.00

50.00

5.000

%REC

89.4

LowLimit HighLimit 70 130 %RPD **RPDLimit** 

TestCode: EPA Method 8015M/D: Diesel Range Organics

Sample ID LCS-27028

Client ID: LCSS

8/17/2016

SampType: LCS

Batch ID: 27028

10

RunNo: 36557

Units: mg/Kg

Analyte Diesel Range Organics (DRO)

Surr: DNOP

Prep Date:

Result 52 4.8

Analysis Date: 8/17/2016 **PQL** SPK value SPK Ref Val

SeqNo: 1132248 %REC

105

96.2

LowLimit HighLimit %RPD **RPDLimit** 

Qual

Sample ID MB-27028

Result

ND

ND

8.7

Result

Result

57

56

5.0

SampType: MBLK

TestCode: EPA Method 8015M/D: Diesel Range Organics RunNo: 36557

62.6

70

124

130

Prep Date: 8/17/2016

Analyte

Client ID: PBS

Batch ID: 27028

Analysis Date: 8/17/2016

SeqNo: 1132249

Units: mg/Kg

Diesel Range Organics (DRO) Motor Oil Range Organics (MRO)

Prep Date: 8/17/2016

Diesel Range Organics (DRO)

Prep Date: 8/17/2016

PQL 10 50

10.00

87.5

SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** 

Qual

Surr: DNOP Sample ID 1608981-001AMS

SampType: MS

%REC

96.5

130 TestCode: EPA Method 8015M/D: Diesel Range Organics

141

Client ID: 5PC @ 1'-2'

Batch ID: 27028

6.986

6.986

RunNo: 36557 SeqNo: 1132494

LowLimit

33.9

70

Units: mg/Kg

HighLimit

**RPDLimit** Qual

Surr: DNOP

Analyte

SampType: MSD

Analysis Date: 8/17/2016

PQL

9.8

Analysis Date: 8/17/2016

**PQL** 

10

97.6

70 130

Sample ID 1608981-001AMSD

Client ID: 5PC @ 1'-2'

Batch ID: 27028

49.21

50.92

5.092

SPK value SPK Ref Val

SPK value SPK Ref Val

RunNo: 36557 SeqNo: 1132496

%REC

102

LowLimit

33.9

TestCode: EPA Method 8015M/D: Diesel Range Organics

**HighLimit** 

141

Units: mg/Kg

%RPD

2.06

%RPD

20

Page 2 of 5

**RPDLimit** Qual

Analyte Diesel Range Organics (DRO)

Sample Diluted Due to Matrix D

H Holding times for preparation or analysis exceeded

Not Detected at the Reporting Limit

B Analyte detected in the associated Method Blank

E Value above quantitation range

Sample pH Not In Range

RL Reporting Detection Limit Sample container temperature is out of limit as specified

Qualifiers:

Value exceeds Maximum Contaminant Level.

ND

R RPD outside accepted recovery limits S % Recovery outside of range due to dilution or matrix

J Analyte detected below quantitation limits

P

#### Hall Environmental Analysis Laboratory, Inc.

WO#:

1608981

18-Aug-16

Client:

**Blagg Engineering** 

Project:

Dawson GC #1

Sample ID 1608981-001AMSD Client ID: 5PC @ 1'-2'

SampType: MSD

PQL

TestCode: EPA Method 8015M/D: Diesel Range Organics

RunNo: 36557

Prep Date: 8/17/2016

Batch ID: 27028

Analyte

Analysis Date: 8/17/2016

SeqNo: 1132496

Units: mg/Kg

Result

SPK value SPK Ref Val

%REC 98.6

LowLimit

**HighLimit** 

%RPD **RPDLimit** 

Qual

70

130

0

Surr: DNOP

4.9

4.921

Qualifiers:

Value exceeds Maximum Contaminant Level.

Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

Not Detected at the Reporting Limit ND

RPD outside accepted recovery limits

% Recovery outside of range due to dilution or matrix

В Analyte detected in the associated Method Blank

E Value above quantitation range

Analyte detected below quantitation limits J

P Sample pH Not In Range

Reporting Detection Limit

Sample container temperature is out of limit as specified

Page 3 of 5

#### Hall Environmental Analysis Laboratory, Inc.

WO#:

1608981

18-Aug-16

Client:

Blagg Engineering

Project:

Dawson GC #1

Sample ID MB-27006

SampType: MBLK

TestCode: EPA Method 8015D: Gasoline Range

Client ID:

**PBS** 

Batch ID: 27006

PQL

RunNo: 36570

%REC

Prep Date: 8/16/2016 Analysis Date: 8/17/2016

ND

850

SeqNo: 1132895

Units: mg/Kg

144

HighLimit

Page 4 of 5

Qual

Analyte Gasoline Range Organics (GRO) Result

5.0 1000

84.7

%RPD

**RPDLimit** 

Surr: BFB

SampType: LCS

SPK value SPK Ref Val

TestCode: EPA Method 8015D: Gasoline Range

Sample ID LCS-27006

Client ID: LCSS

Batch ID: 27006

RunNo: 36570

LowLimit

68.3

LowLimit

8/16/2016

Analysis Date: 8/17/2016

PQL

SeqNo: 1132896

Units: mg/Kg

%RPD **RPDLimit** HighLimit Qual

Analyte Gasoline Range Organics (GRO)

26 900

Result

25.00 1000

104 90.3

%REC

120 144

Surr: BFB

Prep Date:

5.0

SPK value SPK Ref Val

68.3

80

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

#### Hall Environmental Analysis Laboratory, Inc.

WO#:

1608981

18-Aug-16

Client:

**Blagg Engineering** 

Project:

Dawson GC #1

Sample ID MB-27006	SampT	ype: ME	BLK	TestCode: EPA Method 8021B: Volatiles						
Client ID: PBS	Batch ID: 27006			R	RunNo: 36570					
Prep Date: 8/16/2016	Analysis D	ate: 8/	17/2016	S	SeqNo: 1	132930	Units: mg/K	(g		
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	0.99		1.000		99.4	80	120			

Sample ID LCS-27006	Samp1	SampType: LCS TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch	atch ID: <b>27006</b> RunNo: <b>36570</b>								
Prep Date: 8/16/2016	Analysis D	ate: 8/	17/2016	S	SeqNo: 1	132931	Units: mg/k	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.83	0.025	1.000	0	83.2	75.3	123			8
Toluene	0.92	0.050	1.000	0	92.1	80	124			
Ethylbenzene	0.99	0.050	1.000	0	98.5	82.8	121			
Xylenes, Total	3.0	0.10	3.000	0	100	83.9	122			
Surr: 4-Bromofluorobenzene	1.1		1 000		105	80	120			

#### Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

Not Detected at the Reporting Limit ND

RPD outside accepted recovery limits R

% Recovery outside of range due to dilution or matrix S

 $\mathbf{B}$ Analyte detected in the associated Method Blank

Value above quantitation range

J Analyte detected below quantitation limits Page 5 of 5

P Sample pH Not In Range

RL Reporting Detection Limit

Sample container temperature is out of limit as specified



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-315-3075 FAX: 505-315-4107 Website, www.hallenvironmental.com

# Sample Log-In Check List

Client Name:	BLAGG	Work Order Num	per: 1608981		ReptNo:	1
Received by/date	: A5	Blatic	en en distantino prosessioni en a distantino			-
Logged By:	Michelle Garcia	8/17/2016 8:20:00	M	Minus Ga	ui.	
Completed By: Reviewed By.	Michelle Garcia	8/17/2016 8:55:27/	SM	minug	دنس	
Chain of Cus	tody	A Secretary of the second				-
1 Custody seal	is intact on sample bottle	\$?	Yes L	No 🚨	Not Present [4]	
2 Is Chain of C	ustody complete?		Yas V	No 🗍	Not Present 🗋	
3. How was the	sample delivered?		Courier			
<u>Log In</u>						
4. Was an atter	mpl made to cool the sar	mples?	Yes 🗸	No L	NA L	
5. Were all sam	nples received at a tempe	erature of >0° C to 6.0°C	Yes 🗹	Nó 🗍	NA 🗀	
6 Sample(s) in	proper container(s)?		Yes 🗸	Na 🛄		
7_Sufficient san	nple volume for indicated	lest(s)?	Yes.	No 🗀 🛚		
8, Are samples	(except VOA and ONG)	properly preserved?	Yes 🔽	No 🗖		
9. Was preserve	clive added to bottles?	a state of the second	yes 🗀	No. 🗹	NA L	
10. VOA viais ha	ve zero headspace?		Yes 🗔	No 🗔	No VOA Vials 🔽	
11. Were any sa	mple containers received	t broken?	Yes 🗆	No. 🗹		er tre
Andrews of the second		*			# of preserved bottles checked	
THE TANK AND PROPERTY AND PARTY OF THE PARTY	ork match bottle labels? ancies on chain of custo	dur	Yes Y	No 🗔 🌯	for pH: (<2 o	r > 12 unless noted)
	correctly identified on Ch	CONTRACTOR OF THE PARTY OF THE	Yes 🔽	No. 🗓	Adjusted?	o Total America described.
	at analyses were request	AND THE PARTY OF T	Yes 🗷	No 🛄		
The second secon	ing times able to be met customer for authorization	7.0	Yes 🗹	No 🗆	Checked by:	Street Control of the
Special Handl	ing (if applicable)					
THE RESERVE TO STATE OF THE PARTY OF THE PAR	blified of all discrepancies	with this order?	Yes 🛄	No 🚨	NA V	
Person	Notified:	Date	100 100 100 100	The second secon		1
By Who	am:	Vai	*	Phone 🔲 Fax	In Person	
Regard	ing:					-
Client to	nstructions:			2007 120 min		
17. Additional res	marks:					
18. Cooler Infor	The state of the s			oli ya Yan S		
Cooler No	AND ADDRESS OF THE PARTY OF THE	Seal Intact   Seal No	Seal Date	Signed By	<b>4</b>	
	1.4 Good	Yes				