



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

December 31, 2019

Alvin Dorsey
Western Refining Southwest, Gallup
92 Giant Crossing Road
Gallup, NM 87301
TEL: (505) 722-3833
FAX

RE: Carbon Canister - WWTP

OrderNo.: 1912A91

Dear Alvin Dorsey:

Hall Environmental Analysis Laboratory received 2 sample(s) on 12/20/2019 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 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 qualifiers 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 #NM0901

Sincerely,

A handwritten signature in black ink, appearing to read 'Andy Freeman', is written over a white background.

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1912A91

Date Reported: 12/31/2019

CLIENT: Western Refining Southwest, Gallup

Client Sample ID: Carbon Canister

Project: Carbon Canister - WWTP

Collection Date: 12/18/2019 8:00:00 AM

Lab ID: 1912A91-001

Matrix: AQUEOUS

Received Date: 12/20/2019 9:15:00 AM

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8015M/D: DIESEL RANGE								
Analyst: BRM								
Diesel Range Organics (DRO)	6.3	0.71	1.0		mg/L	1	12/23/2019 1:28:02 PM	49481
Surr: DNOP	114	0	70-130		%Rec	1	12/23/2019 1:28:02 PM	49481
EPA METHOD 300.0: ANIONS								
Analyst: MRA								
Fluoride	25	0.23	1.0	*	mg/L	10	12/23/2019 7:36:34 PM	R65385
Chloride	970	25	50		mg/L	100	12/23/2019 8:01:23 PM	R65385
Bromide	0.63	0.50	1.0	J	mg/L	10	12/23/2019 7:36:34 PM	R65385
Phosphorus, Orthophosphate (As P)	ND	2.5	5.0	H	mg/L	10	12/23/2019 7:36:34 PM	R65385
Sulfate	640	25	50		mg/L	100	12/23/2019 8:01:23 PM	R65385
Nitrate+Nitrite as N	1.0	0.24	2.0	J	mg/L	10	12/23/2019 8:13:48 PM	R65385
EPA METHOD 200.7: TOTAL METALS								
Analyst: bcv								
Calcium	27	0.027	1.0		mg/L	1	12/29/2019 2:46:39 PM	49480
Magnesium	14	0.010	1.0		mg/L	1	12/29/2019 2:46:39 PM	49480
Potassium	78	0.062	1.0		mg/L	1	12/29/2019 2:46:39 PM	49480
Sodium	970	4.7	10		mg/L	10	12/29/2019 2:48:28 PM	49480
EPA METHOD 8260: VOLATILES SHORT LIST								
Analyst: CCM								
Benzene	ND	3.3	10		µg/L	20	12/24/2019 4:15:00 PM	R6540C
Toluene	ND	7.0	20		µg/L	20	12/24/2019 4:15:00 PM	R6540C
Ethylbenzene	ND	2.6	20		µg/L	20	12/24/2019 4:15:00 PM	R6540C
Methyl tert-butyl ether (MTBE)	ND	9.1	20		µg/L	20	12/24/2019 4:15:00 PM	R6540C
Xylenes, Total	ND	9.1	30		µg/L	20	12/24/2019 4:15:00 PM	R6540C
Surr: 1,2-Dichloroethane-d4	92.2	0	70-130		%Rec	20	12/24/2019 4:15:00 PM	R6540C
Surr: 4-Bromofluorobenzene	101	0	70-130		%Rec	20	12/24/2019 4:15:00 PM	R6540C
Surr: Dibromofluoromethane	97.2	0	70-130		%Rec	20	12/24/2019 4:15:00 PM	R6540C
Surr: Toluene-d8	94.8	0	70-130		%Rec	20	12/24/2019 4:15:00 PM	R6540C
SM2510B: SPECIFIC CONDUCTANCE								
Analyst: JRR								
Conductivity	6300	5.0	5.0		µmhos/c	1	12/20/2019 4:02:07 PM	R65332
SM4500-H+B / 9040C: PH								
Analyst: JRR								
pH	8.77			*H	pH units	1	12/20/2019 4:02:07 PM	R65332

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
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1912A91

Date Reported: 12/31/2019

CLIENT: Western Refining Southwest, Gallup

Client Sample ID: Carbon Canister

Project: Carbon Canister - WWTP

Collection Date: 12/19/2019 8:00:00 AM

Lab ID: 1912A91-002

Matrix: AQUEOUS

Received Date: 12/20/2019 9:15:00 AM

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8015M/D: DIESEL RANGE								
Analyst: BRM								
Diesel Range Organics (DRO)	ND	0.71	1.0		mg/L	1	12/23/2019 1:49:52 PM	49481
Surr: DNOP	108	0	70-130		%Rec	1	12/23/2019 1:49:52 PM	49481
EPA METHOD 300.0: ANIONS								
Analyst: MRA								
Fluoride	5.3	0.23	1.0	*	mg/L	10	12/23/2019 8:38:38 PM	R65385
Chloride	240	25	50		mg/L	100	12/23/2019 9:03:27 PM	R65385
Bromide	ND	0.50	1.0		mg/L	10	12/23/2019 8:38:38 PM	R65385
Phosphorus, Orthophosphate (As P)	ND	2.5	5.0	H	mg/L	10	12/23/2019 8:38:38 PM	R65385
Sulfate	930	25	50		mg/L	100	12/23/2019 9:03:27 PM	R65385
Nitrate+Nitrite as N	ND	0.24	2.0		mg/L	10	12/23/2019 9:15:51 PM	R65385
EPA METHOD 200.7: TOTAL METALS								
Analyst: bcv								
Calcium	37	0.027	1.0		mg/L	1	12/29/2019 2:50:20 PM	49480
Magnesium	8.7	0.010	1.0		mg/L	1	12/29/2019 2:50:20 PM	49480
Potassium	18	0.062	1.0		mg/L	1	12/29/2019 2:50:20 PM	49480
Sodium	410	4.7	10		mg/L	10	12/29/2019 2:52:02 PM	49480
EPA METHOD 8260: VOLATILES SHORT LIST								
Analyst: CCM								
Benzene	ND	3.3	10		µg/L	20	12/24/2019 4:38:00 PM	R6540C
Toluene	ND	7.0	20		µg/L	20	12/24/2019 4:38:00 PM	R6540C
Ethylbenzene	ND	2.6	20		µg/L	20	12/24/2019 4:38:00 PM	R6540C
Methyl tert-butyl ether (MTBE)	ND	9.1	20		µg/L	20	12/24/2019 4:38:00 PM	R6540C
Xylenes, Total	ND	9.1	30		µg/L	20	12/24/2019 4:38:00 PM	R6540C
Surr: 1,2-Dichloroethane-d4	90.4	0	70-130		%Rec	20	12/24/2019 4:38:00 PM	R6540C
Surr: 4-Bromofluorobenzene	98.8	0	70-130		%Rec	20	12/24/2019 4:38:00 PM	R6540C
Surr: Dibromofluoromethane	96.6	0	70-130		%Rec	20	12/24/2019 4:38:00 PM	R6540C
Surr: Toluene-d8	96.8	0	70-130		%Rec	20	12/24/2019 4:38:00 PM	R6540C
SM2510B: SPECIFIC CONDUCTANCE								
Analyst: JRR								
Conductivity	4800	5.0	5.0		µmhos/c	1	12/20/2019 4:09:54 PM	R65332
SM4500-H+B / 9040C: PH								
Analyst: JRR								
pH	7.46			H	pH units	1	12/20/2019 4:09:54 PM	R65332

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
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1912A91

31-Dec-19

Client: Western Refining Southwest, Gallup

Project: Carbon Canister - WWTP

Sample ID: MB-49480	SampType: MBLK	TestCode: EPA Method 200.7: Total Metals								
Client ID: PBW	Batch ID: 49480	RunNo: 65452								
Prep Date: 12/23/2019	Analysis Date: 12/29/2019	SeqNo: 2248287	Units: mg/L							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Calcium	ND	1.0								
Magnesium	ND	1.0								
Potassium	ND	1.0								
Sodium	ND	1.0								

Sample ID: LCS-49480	SampType: LCS	TestCode: EPA Method 200.7: Total Metals								
Client ID: LCSW	Batch ID: 49480	RunNo: 65452								
Prep Date: 12/23/2019	Analysis Date: 12/29/2019	SeqNo: 2248289	Units: mg/L							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Calcium	50	1.0	50.00	0	100	85	115			
Magnesium	49	1.0	50.00	0	99.0	85	115			
Potassium	49	1.0	50.00	0	97.9	85	115			
Sodium	47	1.0	50.00	0	94.8	85	115			

Sample ID: LCSD-49480	SampType: LCSD	TestCode: EPA Method 200.7: Total Metals								
Client ID: LCSS02	Batch ID: 49480	RunNo: 65452								
Prep Date: 12/23/2019	Analysis Date: 12/29/2019	SeqNo: 2248290	Units: mg/L							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Calcium	50	1.0	50.00	0	100	85	115	0.130	20	
Magnesium	49	1.0	50.00	0	99.0	85	115	0.0292	20	
Potassium	49	1.0	50.00	0	97.2	85	115	0.720	20	
Sodium	48	1.0	50.00	0	95.8	85	115	1.09	20	

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 |
| PQL Practical Quantitative Limit | RL Reporting Limit |
| S % Recovery outside of range due to dilution or matrix | |

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1912A91

31-Dec-19

Client: Western Refining Southwest, Gallup
Project: Carbon Canister - WWTP

Sample ID: MB	SampType: mblk	TestCode: EPA Method 300.0: Anions								
Client ID: PBW	Batch ID: R65385	RunNo: 65385								
Prep Date:	Analysis Date: 12/23/2019	SeqNo: 2246171	Units: mg/L							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Fluoride	ND	0.10								
Chloride	ND	0.50								
Bromide	ND	0.10								
Phosphorus, Orthophosphate (As P)	ND	0.50								
Sulfate	ND	0.50								
Nitrate+Nitrite as N	ND	0.20								

Sample ID: LCS-b	SampType: ics	TestCode: EPA Method 300.0: Anions								
Client ID: LCSW	Batch ID: R65385	RunNo: 65385								
Prep Date:	Analysis Date: 12/23/2019	SeqNo: 2246173	Units: mg/L							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Fluoride	0.52	0.10	0.5000	0	105	90	110			
Chloride	4.9	0.50	5.000	0	98.0	90	110			
Bromide	2.5	0.10	2.500	0	100	90	110			
Phosphorus, Orthophosphate (As P)	4.8	0.50	5.000	0	96.5	90	110			
Sulfate	9.8	0.50	10.00	0	97.9	90	110			
Nitrate+Nitrite as N	3.5	0.20	3.500	0	100	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 |
| PQL Practical Quantitative Limit | RL Reporting Limit |
| S % Recovery outside of range due to dilution or matrix | |

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1912A91

31-Dec-19

Client: Western Refining Southwest, Gallup

Project: Carbon Canister - WWTP

Sample ID: LCS-49481	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range								
Client ID: LCSW	Batch ID: 49481	RunNo: 65362								
Prep Date: 12/23/2019	Analysis Date: 12/23/2019	SeqNo: 2245260	Units: mg/L							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	5.5	1.0	5.000	0	111	71.8	135			
Surr: DNOP	0.55		0.5000		109	70	130			

Sample ID: MB-49481	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range								
Client ID: PBW	Batch ID: 49481	RunNo: 65362								
Prep Date: 12/23/2019	Analysis Date: 12/23/2019	SeqNo: 2245261	Units: mg/L							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	1.0								
Surr: DNOP	1.1		1.000		111	70	130			

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 |
| PQL Practical Quantitative Limit | RL Reporting Limit |
| S % Recovery outside of range due to dilution or matrix | |

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1912A91

31-Dec-19

Client: Western Refining Southwest, Gallup
Project: Carbon Canister - WWTP

Sample ID: 100ng lcs	SampType: LCS		TestCode: EPA Method 8260: Volatiles Short List							
Client ID: LCSW	Batch ID: R65400		RunNo: 65400							
Prep Date:	Analysis Date: 12/24/2019		SeqNo: 2246661		Units: µg/L					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	19	1.0	20.00	0	97.5	70	130			
Toluene	18	1.0	20.00	0	92.3	70	130			
Surr: 1,2-Dichloroethane-d4	9.0		10.00		90.3	70	130			
Surr: 4-Bromofluorobenzene	12		10.00		119	70	130			
Surr: Dibromofluoromethane	9.7		10.00		97.1	70	130			
Surr: Toluene-d8	9.6		10.00		96.0	70	130			

Sample ID: rb	SampType: MBLK		TestCode: EPA Method 8260: Volatiles Short List							
Client ID: PBW	Batch ID: R65400		RunNo: 65400							
Prep Date:	Analysis Date: 12/24/2019		SeqNo: 2246662		Units: µg/L					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	1.0								
Toluene	ND	1.0								
Ethylbenzene	ND	1.0								
Methyl tert-butyl ether (MTBE)	ND	1.0								
Xylenes, Total	ND	1.5								
Surr: 1,2-Dichloroethane-d4	9.0		10.00		90.2	70	130			
Surr: 4-Bromofluorobenzene	10		10.00		100	70	130			
Surr: Dibromofluoromethane	9.7		10.00		96.7	70	130			
Surr: Toluene-d8	8.4		10.00		84.4	70	130			

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 |
| PQL Practical Quantitative Limit | RL Reporting Limit |
| S % Recovery outside of range due to dilution or matrix | |

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1912A91

31-Dec-19

Client: Western Refining Southwest, Gallup

Project: Carbon Canister - WWTP

Sample ID: Ics-1 99.9uS eC	SampType: Ics	TestCode: SM2510B: Specific Conductance								
Client ID: LCSW	Batch ID: R65332	RunNo: 65332								
Prep Date:	Analysis Date: 12/20/2019	SeqNo: 2244258	Units: µmhos/cm							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Conductivity	98	5.0	99.90	0	98.6	85	115			

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 |
| PQL Practical Quantitative Limit | RL Reporting Limit |
| S % Recovery outside of range due to dilution or matrix | |

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1912A91

31-Dec-19

Client: Western Refining Southwest, Gallup

Project: Carbon Canister - WWTP

Sample ID: 1912a91-001c dup	SampType: dup	TestCode: SM4500-H+B / 9040C: pH								
Client ID: Carbon Canister	Batch ID: R65332	RunNo: 65332								
Prep Date:	Analysis Date: 12/20/2019	SeqNo: 2244298 Units: pH units								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
pH	8.77									*H

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
PQL Practical Quantitative Limit
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 Limit

Sample Log-In Check List

Client Name: **Western Refining Gallup** Work Order Number: **1912A91** RcptNo: 1

Received By: **Leah Baca** 12/20/2019 9:15:00 AM *Leah Baca*
 Completed By: **Leah Baca** 12/20/2019 11:40:13 AM *Leah Baca*
 Reviewed By: *MB* 12/20/19

Chain of Custody

1. Is Chain of Custody sufficiently complete? Yes No Not Present
 2. How was the sample delivered? Courier

Log In

3. Was an attempt made to cool the samples? Yes No NA
 4. Were all samples received at a temperature of >0° C to 6.0°C Yes No NA
 5. Sample(s) in proper container(s)? Yes No
 6. Sufficient sample volume for indicated test(s)? Yes No
 7. Are samples (except VOA and ONG) properly preserved? Yes No
 8. Was preservative added to bottles? Yes No *DAD 12/20/19* NA
 9. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes No NA
 10. Were any sample containers received broken? Yes No
 11. Does paperwork match bottle labels? Yes No
 (Note discrepancies on chain of custody)
 12. Are matrices correctly identified on Chain of Custody? Yes No
 13. Is it clear what analyses were requested? Yes No
 14. Were all holding times able to be met? Yes No
 (If no, notify customer for authorization.)

of preserved bottles checked for pH: 4
 (2 or >12 unless noted)
 Adjusted? YES
 Checked by: DAD 12/20/19

Special Handling (if applicable)

15. Was client notified of all discrepancies with this order? Yes No NA

Person Notified:	<input type="text"/>	Date:	<input type="text"/>
By Whom:	<input type="text"/>	Via:	<input type="checkbox"/> eMail <input type="checkbox"/> Phone <input type="checkbox"/> Fax <input type="checkbox"/> In Person
Regarding:	<input type="text"/>		
Client Instructions:	<input type="text"/>		

16. Additional remarks: *For metals analysis added ~0.5mL HNO3 to samples 001D & 002D*

17. Cooler Information *for pH < 2 - DAD 12/20/19*

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	2.4	Good				

Chain-of-Custody Record

Client: Western - Refining
 Gallup Refinery
 Mailing Address: 92 GIANT CROSSING ROAD
 Gallup NM 87301
 Phone #: 505 722 3833
 email or Fax#: 505 863 0930
 QA/QC Package:
 Standard Level 4 (Full Validation)
 Other _____
 EDD (Type) _____

Turn-Around Time:
 Standard Rush
 Project Name:
 Carbon Canister - WWTP
 Project #:
 Sample Day's 12/18/2019 12/19/2019
 Project Manager:
 A. Dorsey
 Sampler:
 WWTP-OPPs
 On Ice: Yes No
 Sample Temperature: 2.3 + CF₁ - 4 24C

Preservative Type
 HEAL No.
 1912A91
 -001
 -002
 -003
 HCL / None

Received by: Alvin Dorsey
 Relinquished by: *[Signature]*
 Date: 12-19-19
 Time: 12:00

Received by: *[Signature]*
 Date: 12/20/19
 Time: 0915

Date	Time	Matrix	Sample Request ID	Preservative Type	HEAL No.
12/18/2019	08:00AM	H2O	Carbon Canister	H2SO4	125ml-1
12/18/2019	08:00AM	H2O	Carbon Canister	None	500ml-1
12/18/2019	08:00AM	H2O	Carbon Canister	HNO3	500ml-1
12/18/2019	08:00AM	H2O	Carbon Canister	HCL / None	40ml-3 / 125ml-1 Amber
12/19/2019	08:00AM	H2O	Carbon Canister	H2SO4	125ml-1
12/19/2019	08:00AM	H2O	Carbon Canister	None	500ml-1
12/19/2019	08:00AM	H2O	Carbon Canister	HNO3	500ml-1
12/19/2019	08:00AM	H2O	Carbon Canister	HCL / None	40ml-3 / 125ml-1 Amber

Analysis Request	BTEX + MTBE + TPH (Gas)	TPH 8015B (DRO)	TPH (Method 418.1)	EDB (Method 504.1)	PAH (8310 or 8270SIMS)	RCRA 8 Metals	Anions (F, Cl, NO ₃ , NO ₂ , PO ₄)	8081 Pesticides / 8082 PC	8260B (VOA)	8270 (Semi-VOA)	PH	Specific Conductance	Cations	Anions	Air Bubbles (Y or N)
BTEX + MTBE + (8021B)	X	X													
BTEX + MTBE + TPH (Gas)															

Carbon Canister

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.