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September 14, 2023

Jenifer Hakkarinen  
PDC Energy  
1775 Sherman Street  
Suite 3000  
Denver, CO 80203

Work Order: **HS22120828**

Laboratory Results for: **Bradenhead**

Dear Jenifer Hakkarinen,

ALS Environmental received 1 sample(s) on Dec 14, 2022 for the analysis presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested. Results are expressed as "as received" unless otherwise noted.

QC sample results for this data met EPA or laboratory specifications except as noted in the Case Narrative or as noted with qualifiers in the QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained by ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

If you have any questions regarding this report, please feel free to call me.

Sincerely,

Generated By: TYLER.MONROE

Tyler Monroe

**Client:** PDC Energy  
**Project:** Bradenhead  
**Work Order:** HS22120828

**SAMPLE SUMMARY**

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Lab Samp ID	Client Sample ID	Matrix	TagNo	Collection Date	Date Received	Hold
HS22120828-01	Bostron 1	Water		12-Dec-2022 13:50	14-Dec-2022 10:50	<input type="checkbox"/>

**Client:** PDC Energy  
**Project:** Bradenhead  
**Work Order:** HS22120828

**CASE NARRATIVE**

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**GC Semivolatiles by Method RSK-175**

**Batch ID: R424394**

- The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

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**GC Semivolatiles by Method SW8015M**

**Batch ID: 187568**

**Sample ID: Bostron 1 (HS22120828-01)**

- The surrogate recoveries could not be determined due to dilution below the calibration range.

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**GC Volatiles by Method SW8015**

**Batch ID: R424265**

- The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

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**GCMS Volatiles by Method SW8260**

**Batch ID: R424568**

- The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

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**Metals by Method SW6020A**

**Batch ID: 187994**

**Sample ID: HS22121399-04MS**

- MS/MSD and DUPs are for an unrelated sample

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**Wet Chemistry by Method E300**

**Batch ID: R425132**

**Sample ID: HS22121584-01MS**

- MS is for an unrelated sample

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**WetChemistry by Method SM2320B**

**Batch ID: R424939**

- The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

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**WetChemistry by Method M2540C**

**Batch ID: R424515**

- The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.
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Client: PDC Energy  
 Project: Bradenhead  
 Sample ID: Bostron 1  
 Collection Date: 12-Dec-2022 13:50

**ANALYTICAL REPORT**  
 WorkOrder:HS22120828  
 Lab ID:HS22120828-01  
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>LOW LEVEL VOLATILES BY SW8260C</b>		<b>Method:SW8260</b>		Analyst: FT		
Benzene	110		10	ug/L	10	22-Dec-2022 03:04
Ethylbenzene	45		10	ug/L	10	22-Dec-2022 03:04
Toluene	520		10	ug/L	10	22-Dec-2022 03:04
Xylenes, Total	640		10	ug/L	10	22-Dec-2022 03:04
Surr: 1,2-Dichloroethane-d4	119		70-126	%REC	10	22-Dec-2022 03:04
Surr: 4-Bromofluorobenzene	95.3		77-113	%REC	10	22-Dec-2022 03:04
Surr: Dibromofluoromethane	111		77-123	%REC	10	22-Dec-2022 03:04
Surr: Toluene-d8	105		82-127	%REC	10	22-Dec-2022 03:04
<b>GASOLINE RANGE ORGANICS BY SW8015C</b>		<b>Method:SW8015</b>		Analyst: FT		
Gasoline Range Organics	7.60		0.0500	mg/L	1	16-Dec-2022 12:32
Surr: 4-Bromofluorobenzene	122		70-123	%REC	1	16-Dec-2022 12:32
<b>DISSOLVED GASES BY RSK-175</b>		<b>Method:RSK-175</b>		Analyst: SAM		
Methane	6,020		100	ug/L	200	20-Dec-2022 11:48
Ethane	1,150		200	ug/L	200	20-Dec-2022 11:48
Ethene	ND		1.00	ug/L	1	20-Dec-2022 11:29
Propane	1,530		200	ug/L	200	20-Dec-2022 11:48
<b>TPH DRO/ORO BY SW8015C</b>		<b>Method:SW8015M</b>		Prep:SW3511 / 19-Dec-2022		Analyst: SAM
TPH (Diesel Range)	18		0.50	mg/L	10	23-Dec-2022 19:29
Surr: 2-Fluorobiphenyl	0	JS	60-135	%REC	10	23-Dec-2022 19:29
<b>ICP-MS METALS BY SW6020A</b>		<b>Method:SW6020A</b>		Prep:SW3010A / 30-Dec-2022		Analyst: JC
Calcium	3.88		2.50	mg/L	5	30-Dec-2022 18:06
Magnesium	1.10		1.00	mg/L	5	30-Dec-2022 18:06
Potassium	1.92		1.00	mg/L	5	30-Dec-2022 18:06
Sodium	235		1.00	mg/L	5	30-Dec-2022 18:06
<b>ANIONS BY E300.0, REV 2.1, 1993</b>		<b>Method:E300</b>		Analyst: TH		
Chloride	276		5.00	mg/L	10	30-Dec-2022 14:13
Sulfate	ND		5.00	mg/L	10	30-Dec-2022 14:13
<b>TOTAL DISSOLVED SOLIDS BY SM2540C -2011</b>		<b>Method:M2540C</b>		Analyst: JAC		
Total Dissolved Solids (Residue, Filterable)	566		10.0	mg/L	1	19-Dec-2022 18:00
<b>ALKALINITY BY -2011</b>		<b>Method:SM2320B</b>		Analyst: JAC		
Alkalinity, Bicarbonate (As CaCO3)	ND		5.00	mg/L	1	24-Dec-2022 16:30
Alkalinity, Carbonate (As CaCO3)	166		5.00	mg/L	1	24-Dec-2022 16:30
Alkalinity, Hydroxide (As CaCO3)	23.7		5.00	mg/L	1	24-Dec-2022 16:30
Alkalinity, Total (As CaCO3)	190		5.00	mg/L	1	24-Dec-2022 16:30

Note: See Qualifiers Page for a list of qualifiers and their explanation.

**Weight / Prep Log**

**Client:** PDC Energy  
**Project:** Bradenhead  
**WorkOrder:** HS22120828

<b>Batch ID:</b> 187568	<b>Start Date:</b> 19 Dec 2022 15:30	<b>End Date:</b> 19 Dec 2022 15:30
<b>Method:</b> SW3511	<b>Prep Code:</b> 3511_DRO	

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS22120828-01		32.98 (mL)	2 (mL)	0.06064	40 mL Amber

<b>Batch ID:</b> 187994	<b>Start Date:</b> 30 Dec 2022 11:30	<b>End Date:</b> 30 Dec 2022 11:30
<b>Method:</b> WATER - SW3010A	<b>Prep Code:</b> 3010A	

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS22120828-01		10 (mL)	10 (mL)	1	250 mL plastic, HNO3 to pH <2

**Client:** PDC Energy  
**Project:** Bradenhead  
**WorkOrder:** HS22120828

**DATES REPORT**

Sample ID	Client Samp ID	Collection Date	Leachate Date	Prep Date	Analysis Date	DF
<b>Batch ID:</b> 187568 ( 0 )		<b>Test Name :</b> TPH DRO/ORO BY SW8015C			<b>Matrix:</b> Water	
HS22120828-01	Bostron 1	12 Dec 2022 13:50		19 Dec 2022 16:30	23 Dec 2022 19:29	10
<b>Batch ID:</b> 187994 ( 0 )		<b>Test Name :</b> ICP-MS METALS BY SW6020A			<b>Matrix:</b> Water	
HS22120828-01	Bostron 1	12 Dec 2022 13:50		30 Dec 2022 12:30	30 Dec 2022 18:06	5
<b>Batch ID:</b> R424265 ( 0 )		<b>Test Name :</b> GASOLINE RANGE ORGANICS BY SW8015C			<b>Matrix:</b> Water	
HS22120828-01	Bostron 1	12 Dec 2022 13:50			16 Dec 2022 12:32	1
<b>Batch ID:</b> R424394 ( 0 )		<b>Test Name :</b> DISSOLVED GASES BY RSK-175			<b>Matrix:</b> Water	
HS22120828-01	Bostron 1	12 Dec 2022 13:50			20 Dec 2022 11:48	200
HS22120828-01	Bostron 1	12 Dec 2022 13:50			20 Dec 2022 11:29	1
<b>Batch ID:</b> R424515 ( 0 )		<b>Test Name :</b> TOTAL DISSOLVED SOLIDS BY SM2540C-2011			<b>Matrix:</b> Water	
HS22120828-01	Bostron 1	12 Dec 2022 13:50			19 Dec 2022 18:00	1
<b>Batch ID:</b> R424568 ( 0 )		<b>Test Name :</b> LOW LEVEL VOLATILES BY SW8260C			<b>Matrix:</b> Water	
HS22120828-01	Bostron 1	12 Dec 2022 13:50			22 Dec 2022 03:04	10
<b>Batch ID:</b> R424939 ( 0 )		<b>Test Name :</b> ALKALINITY BY -2011			<b>Matrix:</b> Water	
HS22120828-01	Bostron 1	12 Dec 2022 13:50			24 Dec 2022 16:30	1
<b>Batch ID:</b> R425132 ( 0 )		<b>Test Name :</b> ANIONS BY E300.0, REV 2.1, 1993			<b>Matrix:</b> Water	
HS22120828-01	Bostron 1	12 Dec 2022 13:50			30 Dec 2022 14:13	10

**Client:** PDC Energy  
**Project:** Bradenhead  
**WorkOrder:** HS22120828

**QC BATCH REPORT**

<b>Batch ID:</b> 187568 ( 0 )	<b>Instrument:</b> FID-16	<b>Method:</b> TPH DRO/ORO BY SW8015C
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<b>MBLK</b>	Sample ID: <b>MBLK-187568</b>	Units: <b>mg/L</b>	Analysis Date: <b>22-Dec-2022 17:26</b>							
Client ID:	Run ID: <b>FID-16_424872</b>	SeqNo: <b>7052208</b>	PrepDate: <b>19-Dec-2022</b> DF: <b>1</b>							
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit	Qual
TPH (Diesel Range)	ND	0.050								
<i>Surr: 2-Fluorobiphenyl</i>	<i>0.04942</i>	<i>0.0050</i>	<i>0.06</i>	<i>0</i>	<i>82.4</i>	<i>60 - 135</i>				

<b>LCS</b>	Sample ID: <b>LCS-187568</b>	Units: <b>mg/L</b>	Analysis Date: <b>22-Dec-2022 12:03</b>							
Client ID:	Run ID: <b>FID-16_424872</b>	SeqNo: <b>7052205</b>	PrepDate: <b>19-Dec-2022</b> DF: <b>1</b>							
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit	Qual
TPH (Diesel Range)	0.7174	0.050	0.6	0	120	70 - 130				
<i>Surr: 2-Fluorobiphenyl</i>	<i>0.06942</i>	<i>0.0050</i>	<i>0.06</i>	<i>0</i>	<i>116</i>	<i>60 - 135</i>				

<b>LCSD</b>	Sample ID: <b>LCSD-187568</b>	Units: <b>mg/L</b>	Analysis Date: <b>22-Dec-2022 12:32</b>							
Client ID:	Run ID: <b>FID-16_424872</b>	SeqNo: <b>7052206</b>	PrepDate: <b>19-Dec-2022</b> DF: <b>1</b>							
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit	Qual
TPH (Diesel Range)	0.5927	0.050	0.6	0	98.8	70 - 130	0.7174	19	20	
<i>Surr: 2-Fluorobiphenyl</i>	<i>0.06715</i>	<i>0.0050</i>	<i>0.06</i>	<i>0</i>	<i>112</i>	<i>60 - 135</i>	<i>0.06942</i>	<i>3.32</i>	<i>20</i>	

The following samples were analyzed in this batch: HS22120828-01

**Client:** PDC Energy  
**Project:** Bradenhead  
**WorkOrder:** HS22120828

**QC BATCH REPORT**

**Batch ID:** R424394 ( 0 )      **Instrument:** FID-4      **Method:** DISSOLVED GASES BY RSK-175

MBLK		Sample ID: MBLK-221220	Units: ug/L		Analysis Date: 20-Dec-2022 08:39				
Client ID:		Run ID: FID-4_424394	SeqNo: 7041684		PrepDate:		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Ethane	ND	1.00							
Ethene	ND	1.00							
Methane	ND	0.500							
Propane	ND	1.00							

LCS		Sample ID: LCS-221220	Units: ug/L		Analysis Date: 20-Dec-2022 09:04				
Client ID:		Run ID: FID-4_424394	SeqNo: 7041685		PrepDate:		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Ethane	18.4	1.00	18.04	0	102	75 - 125			
Ethene	15.69	1.00	16.8	0	93.4	75 - 125			
Methane	8.565	0.500	9.647	0	88.8	75 - 125			
Propane	27.78	1.00	26.46	0	105	75 - 125			

LCSD		Sample ID: LCSD-221220	Units: ug/L		Analysis Date: 20-Dec-2022 09:32				
Client ID:		Run ID: FID-4_424394	SeqNo: 7041686		PrepDate:		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Ethane	17.16	1.00	18.04	0	95.1	75 - 125	18.4	6.97	30
Ethene	15.34	1.00	16.8	0	91.3	75 - 125	15.69	2.28	30
Methane	9.124	0.500	9.647	0	94.6	75 - 125	8.565	6.32	30
Propane	26.8	1.00	26.46	0	101	75 - 125	27.78	3.61	30

The following samples were analyzed in this batch: HS22120828-01

**Client:** PDC Energy  
**Project:** Bradenhead  
**WorkOrder:** HS22120828

**QC BATCH REPORT**

<b>Batch ID:</b> R424265 ( 0 )		<b>Instrument:</b> FID-20		<b>Method:</b> GASOLINE RANGE ORGANICS BY SW8015C						
<b>MBLK</b>	Sample ID: <b>MBLK-221216</b>	Units: <b>mg/L</b>			Analysis Date: <b>16-Dec-2022 11:23</b>					
Client ID:	Run ID: <b>FID-20_424265</b>	SeqNo: <b>7038506</b>		PrepDate:			DF: <b>1</b>			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual	

Gasoline Range Organics	ND	0.0500							
<i>Surr: 4-Bromofluorobenzene</i>	<i>0.1125</i>	<i>0.00500</i>	<i>0.1</i>	<i>0</i>	<i>113</i>	<i>70 - 121</i>			

<b>LCS</b>	Sample ID: <b>LCS-221216</b>	Units: <b>mg/L</b>			Analysis Date: <b>16-Dec-2022 10:42</b>				
Client ID:	Run ID: <b>FID-20_424265</b>	SeqNo: <b>7038504</b>		PrepDate:			DF: <b>1</b>		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual

Gasoline Range Organics	0.966	0.0500	1	0	96.6	76 - 124			
<i>Surr: 4-Bromofluorobenzene</i>	<i>0.114</i>	<i>0.00500</i>	<i>0.1</i>	<i>0</i>	<i>114</i>	<i>52 - 138</i>			

<b>LCSD</b>	Sample ID: <b>LCSD-221216</b>	Units: <b>mg/L</b>			Analysis Date: <b>16-Dec-2022 10:56</b>				
Client ID:	Run ID: <b>FID-20_424265</b>	SeqNo: <b>7038505</b>		PrepDate:			DF: <b>1</b>		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual

Gasoline Range Organics	0.8975	0.0500	1	0	89.8	76 - 124	0.966	7.35	20
<i>Surr: 4-Bromofluorobenzene</i>	<i>0.1139</i>	<i>0.00500</i>	<i>0.1</i>	<i>0</i>	<i>114</i>	<i>52 - 138</i>	<i>0.114</i>	<i>0.0448</i>	<i>20</i>

The following samples were analyzed in this batch: HS22120828-01

**Client:** PDC Energy  
**Project:** Bradenhead  
**WorkOrder:** HS22120828

**QC BATCH REPORT**

<b>Batch ID:</b> 187994 ( 0 )	<b>Instrument:</b> ICPMS06	<b>Method:</b> ICP-MS METALS BY SW6020A
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<b>MBLK</b>	Sample ID: <b>MBLK-187994</b>	Units: <b>mg/L</b>	Analysis Date: <b>30-Dec-2022 17:00</b>							
Client ID:	Run ID: <b>ICPMS06_424995</b>	SeqNo: <b>7057553</b>	PrepDate: <b>30-Dec-2022</b> DF: <b>1</b>							
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Calcium	ND	0.500								
Magnesium	ND	0.200								
Potassium	ND	0.200								
Sodium	ND	0.200								

<b>LCS</b>	Sample ID: <b>LCS-187994</b>	Units: <b>mg/L</b>	Analysis Date: <b>30-Dec-2022 17:02</b>							
Client ID:	Run ID: <b>ICPMS06_424995</b>	SeqNo: <b>7057554</b>	PrepDate: <b>30-Dec-2022</b> DF: <b>1</b>							
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Calcium	5.001	0.500	5	0	100	80 - 120				
Magnesium	5.282	0.200	5	0	106	80 - 120				
Potassium	5.102	0.200	5	0	102	80 - 120				
Sodium	5.549	0.200	5	0	111	80 - 120				

<b>MS</b>	Sample ID: <b>HS22121399-04MS</b>	Units: <b>mg/L</b>	Analysis Date: <b>30-Dec-2022 17:08</b>							
Client ID:	Run ID: <b>ICPMS06_424995</b>	SeqNo: <b>7057557</b>	PrepDate: <b>30-Dec-2022</b> DF: <b>1</b>							
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Calcium	147.4	0.500	5	150.2	-56.4	80 - 120				SO
Magnesium	35.39	0.200	5	32.87	50.4	80 - 120				SO
Potassium	8.579	0.200	5	4.182	88.0	80 - 120				
Sodium	41.15	0.200	5	37.75	67.8	80 - 120				SO

<b>MSD</b>	Sample ID: <b>HS22121399-04MSD</b>	Units: <b>mg/L</b>	Analysis Date: <b>30-Dec-2022 17:10</b>							
Client ID:	Run ID: <b>ICPMS06_424995</b>	SeqNo: <b>7057558</b>	PrepDate: <b>30-Dec-2022</b> DF: <b>1</b>							
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Calcium	159.9	0.500	5	150.2	194	80 - 120	147.4	8.15	20	SO
Magnesium	38.41	0.200	5	32.87	111	80 - 120	35.39	8.2	20	O
Potassium	9.224	0.200	5	4.182	101	80 - 120	8.579	7.24	20	
Sodium	44.14	0.200	5	37.75	128	80 - 120	41.15	7.01	20	SO

**Client:** PDC Energy  
**Project:** Bradenhead  
**WorkOrder:** HS22120828

**QC BATCH REPORT**

**Batch ID:** 187994 ( 0 )      **Instrument:** ICPMS06      **Method:** ICP-MS METALS BY SW6020A

<b>PDS</b>		Sample ID: <b>HS22121399-04PDS</b>			Units: <b>mg/L</b>		Analysis Date: <b>30-Dec-2022 17:12</b>			
Client ID:		Run ID: <b>ICPMS06_424995</b>			SeqNo: <b>7057559</b>		PrepDate: <b>30-Dec-2022</b>		DF: <b>1</b>	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Calcium	157.6	0.500	10	150.2	73.3	75 - 125				SO
Magnesium	42.16	0.200	10	32.87	92.9	75 - 125				
Potassium	13.94	0.200	10	4.182	97.6	75 - 125				
Sodium	48.12	0.200	10	37.75	104	75 - 125				

<b>SD</b>		Sample ID: <b>HS22121399-04SD</b>			Units: <b>mg/L</b>		Analysis Date: <b>30-Dec-2022 17:50</b>			
Client ID:		Run ID: <b>ICPMS06_424995</b>			SeqNo: <b>7057598</b>		PrepDate: <b>30-Dec-2022</b>		DF: <b>5</b>	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%D	RPD Limit	Qual
Calcium	148.5	2.50					150.2	1.14	10	
Magnesium	30.98	1.00					32.87	5.73	10	
Potassium	3.888	1.00					4.182	7.02	10	
Sodium	36.36	1.00					37.75	3.69	10	

The following samples were analyzed in this batch: HS22120828-01

**Client:** PDC Energy  
**Project:** Bradenhead  
**WorkOrder:** HS22120828

**QC BATCH REPORT**

Batch ID: R424568 ( 0 )		Instrument: VOA11		Method: LOW LEVEL VOLATILES BY SW8260C						
<b>MBLK</b>	Sample ID: <b>VBLKW-221221</b>	Units: <b>ug/L</b>			Analysis Date: <b>21-Dec-2022 20:25</b>					
Client ID:	Run ID: <b>VOA11_424568</b>	SeqNo: <b>7045583</b>		PrepDate:			DF: <b>1</b>			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual	
Benzene	ND	1.0								
Ethylbenzene	ND	1.0								
Toluene	ND	1.0								
Xylenes, Total	ND	1.0								
<i>Surr: 1,2-Dichloroethane-d4</i>	<i>57.09</i>	<i>1.0</i>	<i>50</i>	<i>0</i>	<i>114</i>	<i>70 - 123</i>				
<i>Surr: 4-Bromofluorobenzene</i>	<i>48.02</i>	<i>1.0</i>	<i>50</i>	<i>0</i>	<i>96.0</i>	<i>77 - 113</i>				
<i>Surr: Dibromofluoromethane</i>	<i>54.98</i>	<i>1.0</i>	<i>50</i>	<i>0</i>	<i>110</i>	<i>73 - 126</i>				
<i>Surr: Toluene-d8</i>	<i>51.04</i>	<i>1.0</i>	<i>50</i>	<i>0</i>	<i>102</i>	<i>81 - 120</i>				
<b>LCS</b>	Sample ID: <b>VLCSW-221221</b>	Units: <b>ug/L</b>			Analysis Date: <b>21-Dec-2022 19:43</b>					
Client ID:	Run ID: <b>VOA11_424568</b>	SeqNo: <b>7045582</b>		PrepDate:			DF: <b>1</b>			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual	
Benzene	18.21	1.0	20	0	91.0	74 - 120				
Ethylbenzene	17.44	1.0	20	0	87.2	77 - 117				
Toluene	17.21	1.0	20	0	86.1	77 - 118				
Xylenes, Total	51.57	1.0	60	0	86.0	75 - 122				
<i>Surr: 1,2-Dichloroethane-d4</i>	<i>54.16</i>	<i>1.0</i>	<i>50</i>	<i>0</i>	<i>108</i>	<i>70 - 123</i>				
<i>Surr: 4-Bromofluorobenzene</i>	<i>47.98</i>	<i>1.0</i>	<i>50</i>	<i>0</i>	<i>96.0</i>	<i>77 - 113</i>				
<i>Surr: Dibromofluoromethane</i>	<i>53.07</i>	<i>1.0</i>	<i>50</i>	<i>0</i>	<i>106</i>	<i>73 - 126</i>				
<i>Surr: Toluene-d8</i>	<i>51.64</i>	<i>1.0</i>	<i>50</i>	<i>0</i>	<i>103</i>	<i>81 - 120</i>				
<b>MS</b>	Sample ID: <b>HS22121172-02MS</b>	Units: <b>ug/L</b>			Analysis Date: <b>21-Dec-2022 22:52</b>					
Client ID:	Run ID: <b>VOA11_424568</b>	SeqNo: <b>7045590</b>		PrepDate:			DF: <b>1</b>			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual	
Benzene	19.14	1.0	20	0	95.7	70 - 127				
Ethylbenzene	17.19	1.0	20	0	86.0	70 - 124				
Toluene	18.5	1.0	20	0	92.5	70 - 123				
Xylenes, Total	49.22	1.0	60	0	82.0	70 - 130				
<i>Surr: 1,2-Dichloroethane-d4</i>	<i>52.88</i>	<i>1.0</i>	<i>50</i>	<i>0</i>	<i>106</i>	<i>70 - 126</i>				
<i>Surr: 4-Bromofluorobenzene</i>	<i>48.52</i>	<i>1.0</i>	<i>50</i>	<i>0</i>	<i>97.0</i>	<i>77 - 113</i>				
<i>Surr: Dibromofluoromethane</i>	<i>52.47</i>	<i>1.0</i>	<i>50</i>	<i>0</i>	<i>105</i>	<i>77 - 123</i>				
<i>Surr: Toluene-d8</i>	<i>57.4</i>	<i>1.0</i>	<i>50</i>	<i>0</i>	<i>115</i>	<i>82 - 127</i>				

**Client:** PDC Energy  
**Project:** Bradenhead  
**WorkOrder:** HS22120828

**QC BATCH REPORT**

**Batch ID:** R424568 ( 0 )      **Instrument:** VOA11      **Method:** LOW LEVEL VOLATILES BY SW8260C

<b>MSD</b>		Sample ID: <b>HS22121172-02MSD</b>		Units: <b>ug/L</b>		Analysis Date: <b>21-Dec-2022 23:13</b>				
Client ID:		Run ID: <b>VOA11_424568</b>		SeqNo: <b>7045591</b>		PrepDate:		DF: <b>1</b>		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	18.59	1.0	20	0	92.9	70 - 127	19.14	2.92	20	
Ethylbenzene	16.32	1.0	20	0	81.6	70 - 124	17.19	5.22	20	
Toluene	17.55	1.0	20	0	87.8	70 - 123	18.5	5.23	20	
Xylenes, Total	47.39	1.0	60	0	79.0	70 - 130	49.22	3.78	20	
<i>Surr: 1,2-Dichloroethane-d4</i>	<i>54.04</i>	<i>1.0</i>	<i>50</i>	<i>0</i>	<i>108</i>	<i>70 - 126</i>	<i>52.88</i>	<i>2.17</i>	<i>20</i>	
<i>Surr: 4-Bromofluorobenzene</i>	<i>48.69</i>	<i>1.0</i>	<i>50</i>	<i>0</i>	<i>97.4</i>	<i>77 - 113</i>	<i>48.52</i>	<i>0.343</i>	<i>20</i>	
<i>Surr: Dibromofluoromethane</i>	<i>52.54</i>	<i>1.0</i>	<i>50</i>	<i>0</i>	<i>105</i>	<i>77 - 123</i>	<i>52.47</i>	<i>0.133</i>	<i>20</i>	
<i>Surr: Toluene-d8</i>	<i>56.62</i>	<i>1.0</i>	<i>50</i>	<i>0</i>	<i>113</i>	<i>82 - 127</i>	<i>57.4</i>	<i>1.37</i>	<i>20</i>	

The following samples were analyzed in this batch: HS22120828-01

**Client:** PDC Energy  
**Project:** Bradenhead  
**WorkOrder:** HS22120828

**QC BATCH REPORT**

**Batch ID:** R424515 ( 0 )      **Instrument:** Balance1      **Method:** TOTAL DISSOLVED SOLIDS BY SM2540C-2011

<b>MBLK</b>	Sample ID: <b>MBLK-R424515</b>	Units: <b>mg/L</b>		Analysis Date: <b>19-Dec-2022 18:00</b>					
Client ID:	Run ID: <b>Balance1_424515</b>	SeqNo: <b>7048201</b>		PrepDate:		DF: <b>1</b>			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD Limit Qual	

Total Dissolved Solids (Residue, Filterable)      ND      10.0

<b>LCS</b>	Sample ID: <b>LCS-R424515</b>	Units: <b>mg/L</b>		Analysis Date: <b>19-Dec-2022 18:00</b>					
Client ID:	Run ID: <b>Balance1_424515</b>	SeqNo: <b>7048200</b>		PrepDate:		DF: <b>1</b>			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD Limit Qual	

Total Dissolved Solids (Residue, Filterable)      1032      10.0      1000      0      103      85 - 115

<b>DUP</b>	Sample ID: <b>HS22120806-21DUP</b>	Units: <b>mg/L</b>		Analysis Date: <b>19-Dec-2022 18:00</b>					
Client ID:	Run ID: <b>Balance1_424515</b>	SeqNo: <b>7048203</b>		PrepDate:		DF: <b>1</b>			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD Limit Qual	

Total Dissolved Solids (Residue, Filterable)      1078      10.0                     1074      0.372      5

<b>DUP</b>	Sample ID: <b>HS22120806-19DUP</b>	Units: <b>mg/L</b>		Analysis Date: <b>19-Dec-2022 18:00</b>					
Client ID:	Run ID: <b>Balance1_424515</b>	SeqNo: <b>7048202</b>		PrepDate:		DF: <b>1</b>			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD Limit Qual	

Total Dissolved Solids (Residue, Filterable)      1436      10.0                     1464      1.93      5

The following samples were analyzed in this batch: HS22120828-01

**Client:** PDC Energy  
**Project:** Bradenhead  
**WorkOrder:** HS22120828

**QC BATCH REPORT**

<b>Batch ID:</b> R424939 ( 0 )	<b>Instrument:</b> Skalar 03	<b>Method:</b> ALKALINITY BY -2011
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<b>MBLK</b>	Sample ID: <b>MBLK-R424939</b>	Units: <b>mg/L</b>	Analysis Date: <b>24-Dec-2022 16:30</b>							
Client ID:	Run ID: <b>Skalar 03_424939</b>	SeqNo: <b>7054180</b>	PrepDate: DF: <b>1</b>							
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Alkalinity, Bicarbonate (As CaCO3)	ND	5.00								
Alkalinity, Carbonate (As CaCO3)	ND	5.00								
Alkalinity, Hydroxide (As CaCO3)	ND	5.00								
Alkalinity, Total (As CaCO3)	ND	5.00								

<b>LCS</b>	Sample ID: <b>LCS-R424939</b>	Units: <b>mg/L</b>	Analysis Date: <b>24-Dec-2022 16:30</b>							
Client ID:	Run ID: <b>Skalar 03_424939</b>	SeqNo: <b>7054179</b>	PrepDate: DF: <b>1</b>							
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Alkalinity, Carbonate (As CaCO3)	1041	5.00	1000	0	104	85 - 115				
Alkalinity, Total (As CaCO3)	1041	5.00	1000	0	104	85 - 115				

<b>LCSD</b>	Sample ID: <b>LCSD-R424939</b>	Units: <b>mg/L</b>	Analysis Date: <b>24-Dec-2022 16:30</b>							
Client ID:	Run ID: <b>Skalar 03_424939</b>	SeqNo: <b>7054178</b>	PrepDate: DF: <b>1</b>							
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Alkalinity, Carbonate (As CaCO3)	970.8	5.00	1000	0	97.1	85 - 115	1041	7	20	
Alkalinity, Total (As CaCO3)	984.2	5.00	1000	0	98.4	85 - 115	1041	5.65	20	

<b>DUP</b>	Sample ID: <b>HS22120806-21DUP</b>	Units: <b>mg/L</b>	Analysis Date: <b>24-Dec-2022 16:30</b>							
Client ID:	Run ID: <b>Skalar 03_424939</b>	SeqNo: <b>7054181</b>	PrepDate: DF: <b>1</b>							
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Alkalinity, Bicarbonate (As CaCO3)	462	5.00					438	5.33	20	
Alkalinity, Carbonate (As CaCO3)	40	5.00					39.2	2.02	20	
Alkalinity, Hydroxide (As CaCO3)	ND	5.00					0	0	20	
Alkalinity, Total (As CaCO3)	502	5.00					477.2	5.07	20	

The following samples were analyzed in this batch: HS22120828-01

**Client:** PDC Energy  
**Project:** Bradenhead  
**WorkOrder:** HS22120828

**QC BATCH REPORT**

Batch ID: R425132 ( 0 )		Instrument: ICS-Integrion		Method: ANIONS BY E300.0, REV 2.1, 1993						
<b>MBLK</b>	Sample ID: <b>MBLK</b>	Units: <b>mg/L</b>			Analysis Date: <b>30-Dec-2022 12:21</b>					
Client ID:		Run ID: <b>ICS-Integrion_425132</b>		SeqNo: <b>7058463</b>		PrepDate:		DF: <b>1</b>		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual	
Chloride	ND	0.500								
Sulfate	ND	0.500								
<b>LCS</b>	Sample ID: <b>LCS</b>	Units: <b>mg/L</b>			Analysis Date: <b>30-Dec-2022 12:26</b>					
Client ID:		Run ID: <b>ICS-Integrion_425132</b>		SeqNo: <b>7058464</b>		PrepDate:		DF: <b>1</b>		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual	
Chloride	19.39	0.500	20	0	97.0	90 - 110				
Sulfate	19.38	0.500	20	0	96.9	90 - 110				
<b>MS</b>	Sample ID: <b>HS22121586-01MS</b>	Units: <b>mg/L</b>			Analysis Date: <b>30-Dec-2022 13:15</b>					
Client ID:		Run ID: <b>ICS-Integrion_425132</b>		SeqNo: <b>7058469</b>		PrepDate:		DF: <b>5</b>		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual	
Chloride	209	2.50	50	166.3	85.3	80 - 120				
Sulfate	128	2.50	50	85.77	84.5	80 - 120				
<b>MS</b>	Sample ID: <b>HS22121584-01MS</b>	Units: <b>mg/L</b>			Analysis Date: <b>30-Dec-2022 12:59</b>					
Client ID:		Run ID: <b>ICS-Integrion_425132</b>		SeqNo: <b>7058466</b>		PrepDate:		DF: <b>5</b>		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual	
Chloride	214.1	2.50	50	175.2	77.9	80 - 120			S	
Sulfate	108.5	2.50	50	66.06	84.8	80 - 120				
<b>MSD</b>	Sample ID: <b>HS22121586-01MSD</b>	Units: <b>mg/L</b>			Analysis Date: <b>30-Dec-2022 13:20</b>					
Client ID:		Run ID: <b>ICS-Integrion_425132</b>		SeqNo: <b>7058470</b>		PrepDate:		DF: <b>5</b>		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual	
Chloride	209	2.50	50	166.3	85.3	80 - 120	209	0.00718	20	
Sulfate	128.7	2.50	50	85.77	85.8	80 - 120	128	0.519	20	

**Client:** PDC Energy  
**Project:** Bradenhead  
**WorkOrder:** HS22120828

**QC BATCH REPORT**

**Batch ID:** R425132 ( 0 )      **Instrument:** ICS-Integrion      **Method:** ANIONS BY E300.0, REV 2.1, 1993

<b>MSD</b>		Sample ID: <b>HS22121584-01MSD</b>		Units: <b>mg/L</b>		Analysis Date: <b>30-Dec-2022 13:04</b>			
Client ID:		Run ID: <b>ICS-Integrion_425132</b>		SeqNo: <b>7058467</b>		PrepDate:		DF: <b>5</b>	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Chloride	215.2	2.50	50	175.2	80.1	80 - 120	214.1	0.505	20
Sulfate	110.1	2.50	50	66.06	88.1	80 - 120	108.5	1.53	20

The following samples were analyzed in this batch: HS22120828-01

**Client:** PDC Energy  
**Project:** Bradenhead  
**WorkOrder:** HS22120828

**QUALIFIERS,  
ACRONYMS, UNITS**

<b>Qualifier</b>	<b>Description</b>
*	Value exceeds Regulatory Limit
a	Not accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
J	Analyte detected below quantitation limit
M	Manually integrated, see raw data for justification
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL/SDL

<b>Acronym</b>	<b>Description</b>
DCS	Detectability Check Study
DUP	Method Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MBLK	Method Blank
MDL	Method Detection Limit
MQL	Method Quantitation Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PDS	Post Digestion Spike
PQL	Practical Quantitation Limit
SD	Serial Dilution
SDL	Sample Detection Limit
TRRP	Texas Risk Reduction Program

**CERTIFICATIONS,ACCREDITATIONS & LICENSES**

<b>Agency</b>	<b>Number</b>	<b>Expire Date</b>
Arkansas	88-00356	27-Mar-2024
California	2919; 2024	30-Apr-2024
Dept of Defense	L23-358	31-May-2025
Florida	E87611-38	30-Jun-2024
Illinois	2000322023-11	30-Jun-2024
Kansas	E-10352 2023-2024	31-Jul-2024
Louisiana	03087 2023-2024	30-Jun-2024
Maryland	343; 2023-2024	30-Jun-2024
North Carolina	624-2023	31-Dec-2023
North Dakota	R-193 2023-2024	30-Apr-2024
Texas	T104704231-23-31	30-Apr-2024
Utah	TX026932023-14	31-Jul-2024

Sample Receipt Checklist

Work Order ID: HS22120828

Date/Time Received: **14-Dec-2022 10:50**

Client Name: PDC Energy 80203

Received by: **Corey Grandits**

<b>Completed By:</b> <u>/S/ Malcolm Burluson</u>	14-Dec-2022 17:07	<b>Reviewed by:</b> <u>/S/ Tyler Monroe</u>	15-Dec-2022 09:49
eSignature	Date/Time	eSignature	Date/Time

Matrices: **water**

Carrier name: **FedEx**

- |   |   |                             |   |
|---|---|-----------------------------|---|
| Shipping container/cooler in good condition?            | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | Not Present <input type="checkbox"/>            |
| Custody seals intact on shipping container/cooler?      | Yes <input type="checkbox"/>            | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| Custody seals intact on sample bottles?                 | Yes <input type="checkbox"/>            | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| VOA/TX1005/TX1006 Solids in hermetically sealed vials?  | Yes <input type="checkbox"/>            | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| Chain of custody present?                               | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | 1 Page(s)                                       |
| Chain of custody signed when relinquished and received? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |   |
| Samplers name present on COC?                           | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |   |
| Chain of custody agrees with sample labels?             | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |   |
| Samples in proper container/bottle?                     | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |   |
| Sample containers intact?                               | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |   |
| Sufficient sample volume for indicated test?            | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |   |
| All samples received within holding time?               | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |   |
| Container/Temp Blank temperature in compliance?         | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |   |

Temperature(s)/Thermometer(s):	2.8uc 2.3c	ir31
Cooler(s)/Kit(s):	sm blue	
Date/Time sample(s) sent to storage:	12142022 1330	
Water - VOA vials have zero headspace?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/> No VOA vials submitted <input type="checkbox"/>
Water - pH acceptable upon receipt?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/> N/A <input type="checkbox"/>
pH adjusted?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
pH adjusted by:		

Login Notes:

Client Contacted: \_\_\_\_\_ Date Contacted: \_\_\_\_\_ Person Contacted: \_\_\_\_\_

Contacted By: \_\_\_\_\_ Regarding: \_\_\_\_\_

Comments:

Corrective Action:



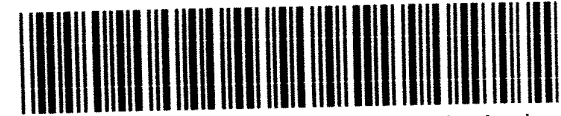
**ALS Environmental**

965 E 11th St, Loveland, CO 80537  
Phone: 970-305-1648

**Chain-of-Custody**

**HS22120828**

Chevron  
Bostron 1



<b>PROJECT NAME</b> <u>Bostron 1</u>		<b>SAMPLER</b> <u>Jeff Braden</u>	<b>DATE</b>											
<b>PROJECT No.</b> <u>09A2073245</u>		<b>FACILITY ID</b> <u>123-07605</u>	<b>TURNAROUND</b>											
<b>PDCE Bradenhead Sampling</b>		<b>EDD FORMAT</b> <u>COGCC EDD, LTE</u>												
<b>COMPANY NAME</b> <u>PDC Energy</u>		<b>PURCHASE ORDER</b> <u>N/A</u>												
<b>SEND REPORT TO</b> <u>Jenifer Hakkarinen</u>		<b>BILL TO COMPANY</b> <u>PDC Energy</u>												
<b>ADDRESS</b> <u>1775 Sherman Street, Suite 3000</u>		<b>INVOICE ATTN TO</b> <u>Jenifer Hakkarinen</u>												
<b>CITY / STATE / ZIP</b> <u>Denver, Colorado 80203</u>		<b>ADDRESS</b> <u>1775 Sherman Street, Suite 3000</u>												
<b>PHONE</b> <u>303.860.5815</u>		<b>CITY / STATE / ZIP</b> <u>Denver, Colorado 80203</u>												
<b>FAX</b>		<b>PHONE</b> <u>303.860.5815</u>												
<b>E-MAIL</b> <u>jenifer.hakkarinen@pdce.com</u> <u>jessica.johannsen@pdce.com</u> <u>jbraden@ensolum.com</u>		<b>E-MAIL</b> <u>jenifer.hakkarinen@pdce.com</u>												
<b>Lab ID</b>	<b>Field ID</b>	<b>Matrix</b>	<b>Sample Date</b>	<b>Sample Time</b>	<b># Bottles</b>	<b>Pres.</b>	<b>QC</b>	<b>Dissolved Methane, Ethane, Propane</b>	<b>BTEX &amp; TPH GRC</b>	<b>TPH DRO</b>	<b>Alkalinity, Carbonate, Bicarbonate, Total</b>	<b>Total Cations - see comments</b>	<b>Total Anions - see comments</b>	<b>Total Dissolved Solids</b>
	<u>Bostron 1</u>	<u>W</u>	<u>12/12/22</u>	<u>1350</u>	<u>11</u>	<u>1,3</u>	<u>-</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>

\*Time Zone (Circle): EST CST MST PST Matrix: O = oil S = soil NS = non-soil solid W = water L = liquid E = extract F = filter

For metals or anions, please detail analytes below.

<b>Comments:</b> Calcium, Chloride, Magnesium, Potassium, Sodium, Sulfate  Samples analyzed per COGCC Bradenhead Sampling Program  Preservative Key: 1-HCl 2-HNO3 3-H2SO4 4-NaOH 5-NaHSO4 7-Other 8-4 degrees C 9-5035	<b>Cations/Anions:</b>	<b>QC PACKAGE (check below)</b>
		<input type="checkbox"/> LEVEL II (Standard QC)
	<u>12/11 (F:0.5)</u>	<input type="checkbox"/> LEVEL III (Std QC + forms)
	<u>5M PIVE 280</u>	<input type="checkbox"/> LEVEL IV (Std QC + forms + raw data)

	SIGNATURE	PRINTED NAME	DATE	TIME
RELINQUISHED BY		Jeff Braden	12/13/22	1025
RECEIVED BY		Tyler Monroe	12/13/22	1025
RELINQUISHED BY		Tyler Monroe	12/13/22	1430
RECEIVED BY		TYLER M	12/14/22	1050
RELINQUISHED BY				
RECEIVED BY				

*SM Blue*

DEC 14 2022

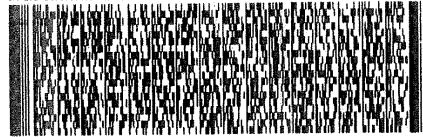
ORIGIN ID:GXVA (970) 305-1648  
AMY KEPHART  
ALS  
965 E 11TH ST  
LOVELAND, CO 80537  
UNITED STATES US

SHIP DATE: 13DEC22  
ACTWGT: 20.00 LB  
CAD: 0487882/CAFE3618  
DIMS: 16x12x11 IN  
BILL SENDER

TO **SAMPLE RECEIVING**  
**ALS**  
**10450 STANCLIFF RD**  
**SUITE 210**  
**HOUSTON TX 77099**

*SM Blue*

PO: PDC



TRK# 6182 5243 4000  
0201

WED - 14 DEC 10:30A  
PRIORITY OVERNIGHT

**XA SGRA**

77099  
TX-US IAH

