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December 19, 2022

Max Trehus
PDC Energy
4000 Burlington Ave.
Evans, CO 80620

Work Order: **HS22120214**

Laboratory Results for: **Bost 16N-8A-L**

Dear Max Trehus ,

ALS Environmental received 2 sample(s) on Dec 03, 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: JUMOKE.LAWAL
Tyler Monroe

Client: PDC Energy
Project: Bost 16N-8A-L
Work Order: HS22120214

SAMPLE SUMMARY

Lab Samp ID	Client Sample ID	Matrix	TagNo	Collection Date	Date Received	Hold
HS22120214-01	16N-8A-LA	Water		01-Dec-2022 09:18	03-Dec-2022 09:05	<input type="checkbox"/>
HS22120214-02	16N-8A-LB	Water		01-Dec-2022 09:18	03-Dec-2022 09:05	<input type="checkbox"/>

Client: PDC Energy
Project: Bost 16N-8A-L
Work Order: HS22120214

CASE NARRATIVE

GC Semivolatiles by Method RSK-175

Batch ID: R423567

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

GC Semivolatiles by Method SW8015M

Batch ID: 186935

Sample ID: 16N-8A-LA (HS22120214-01)

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

GC Volatiles by Method SW8015

Batch ID: R423243

Sample ID: 16N-8A-LA (HS22120214-01)

- Surrogate failed outside control limits high due to matrix interference. This was confirmed by reanalysis.

GCMS Volatiles by Method SW8260

Batch ID: R423672

Sample ID: 16N-8A-LA (HS22120214-01)

- Dilution required due to matrix interference.

Metals by Method E200.8

Batch ID: 187498

Sample ID: 16N-8A-LB (HS22120214-02)

- Sample ran at 2x due to high concentration of Potassium.

Sample ID: HS22120313-01MS

- MS and MSD for an unrelated sample

Sample ID: HS22120366-01MS

- MS and MSD are for an unrelated sample

Batch ID: 187478

Sample ID: 16N-8A-LA (HS22120214-01)

- Sample ran at a 5X dilution due to sample matrix.

Sample ID: HS22120366-05MS

- MS and MSD are for an unrelated sample

WetChemistry by Method SM2320B

Batch ID: R424151

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

Client: PDC Energy
Project: Bost 16N-8A-L
Work Order: HS22120214

CASE NARRATIVE

WetChemistry by Method SM2320B

WetChemistry by Method E300

Batch ID: R423808

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

WetChemistry by Method M2540C

Batch ID: R423644

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

Client: PDC Energy
 Project: Bost 16N-8A-L
 Sample ID: 16N-8A-LA
 Collection Date: 01-Dec-2022 09:18

ANALYTICAL REPORT
 WorkOrder:HS22120214
 Lab ID:HS22120214-01
 Matrix:Water

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C		Method:SW8260		Analyst: FT			
Benzene	28	J	10	50	ug/L	50	10-Dec-2022 12:19
Ethylbenzene	27	J	15	50	ug/L	50	10-Dec-2022 12:19
m,p-Xylene	190		25	100	ug/L	50	10-Dec-2022 12:19
o-Xylene	74		15	50	ug/L	50	10-Dec-2022 12:19
Toluene	91		10	50	ug/L	50	10-Dec-2022 12:19
Xylenes, Total	260		15	50	ug/L	50	10-Dec-2022 12:19
Surr: 1,2-Dichloroethane-d4	93.6			70-126	%REC	50	10-Dec-2022 12:19
Surr: 4-Bromofluorobenzene	106			77-113	%REC	50	10-Dec-2022 12:19
Surr: Dibromofluoromethane	88.2			77-123	%REC	50	10-Dec-2022 12:19
Surr: Toluene-d8	95.9			82-127	%REC	50	10-Dec-2022 12:19
GASOLINE RANGE ORGANICS BY SW8015C		Method:SW8015		Analyst: FT			
Gasoline Range Organics	113		0.500	2.50	mg/L	50	05-Dec-2022 18:13
Surr: 4-Bromofluorobenzene	1930	S		70-123	%REC	50	05-Dec-2022 18:13
DISSOLVED GASES BY RSK-175		Method:RSK-175		Analyst: SAM			
Ethane	198		7.20	50.0	ug/L	50	06-Dec-2022 12:58
Methane	826		5.35	25.0	ug/L	50	06-Dec-2022 12:58
Propane	81.4		1.00	1.00	ug/L	1	06-Dec-2022 09:57
TPH DRO/ORO BY SW8015C		Method:SW8015M		Prep:SW3511 / 05-Dec-2022		Analyst: PPM	
DRO (>C10 - C28)	850		20	50	mg/L	1000	08-Dec-2022 15:32
Surr: 2-Fluorobiphenyl	0	JS		60-135	%REC	1000	08-Dec-2022 15:32
TOTAL METALS BY E200.8, REV 5.4, 1994		Method:E200.8		Prep:E200.8 / 16-Dec-2022		Analyst: JC	
Calcium	207		0.180	5.00	mg/L	10	16-Dec-2022 20:29
Magnesium	0.0476	J	0.0390	2.50	mg/L	5	19-Dec-2022 12:52
Potassium	1,300		0.330	5.00	mg/L	10	16-Dec-2022 20:29
Sodium	1,060		0.210	2.00	mg/L	10	16-Dec-2022 20:29
ANIONS BY E300.0, REV 2.1, 1993		Method:E300		Analyst: TH			
Chloride	452		2.00	5.00	mg/L	10	12-Dec-2022 20:44
Sulfate	123		2.00	5.00	mg/L	10	12-Dec-2022 20:44
TOTAL DISSOLVED SOLIDS BY SM2540C-2011		Method:M2540C		Analyst: CWG			
Total Dissolved Solids (Residue, Filterable)	16,600		5.00	10.0	mg/L	1	08-Dec-2022 16:52
ALKALINITY BY SM 2320B-2011		Method:SM2320B		Analyst: JAC			
Alkalinity, Bicarbonate (As CaCO3)	U		50.0	50.0	mg/L	10	15-Dec-2022 20:22
Alkalinity, Carbonate (As CaCO3)	2,210		50.0	50.0	mg/L	10	15-Dec-2022 20:22
Alkalinity, Total (As CaCO3)	4,140		50.0	50.0	mg/L	10	15-Dec-2022 20:22

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

Client: PDC Energy
 Project: Bost 16N-8A-L
 Sample ID: 16N-8A-LB
 Collection Date: 01-Dec-2022 09:18

ANALYTICAL REPORT
 WorkOrder:HS22120214
 Lab ID:HS22120214-02
 Matrix:Water

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED METALS BY E200.8, REV 5.4, Method:E200.8 (dissolved) 1994					Prep:E200.8 / 16-Dec-2022		Analyst: JHD
Calcium	213		0.180	5.00	mg/L	10	16-Dec-2022 22:16
Magnesium	0.0521	J	0.0156	1.00	mg/L	2	19-Dec-2022 13:05
Potassium	1,240		0.330	5.00	mg/L	10	16-Dec-2022 22:16
Sodium	1,040		0.210	2.00	mg/L	10	16-Dec-2022 22:16

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

Weight / Prep Log

Client: PDC Energy
Project: Bost 16N-8A-L
WorkOrder: HS22120214

Batch ID: 186935		Start Date: 05 Dec 2022 08:30		End Date: 05 Dec 2022 12:00	
Method: SW3511		Prep Code: 3511_DRO			
Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS22120214-01		33.07 (mL)	2 (mL)	0.06048	40 mL Amber
Batch ID: 186964		Start Date: 05 Dec 2022 18:30		End Date: 05 Dec 2022 19:00	
Method: SAMPLE FILTRATION - 0.45 MICRON FILTER		Prep Code: FILTRATION			
Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS22120214-02		100 (mL)	100 (mL)	1	120 ml Plastic, Neat
Batch ID: 187478		Start Date: 16 Dec 2022 09:00		End Date: 16 Dec 2022 13:00	
Method: TOTAL METALS PREP BY E200.8, REV 5.4, 1994		Prep Code: 200.8PR			
Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS22120214-01		10 (mL)	10 (mL)	1	250 mL plastic, HNO3 to pH <2
Batch ID: 187498		Start Date: 16 Dec 2022 10:00		End Date: 16 Dec 2022 14:00	
Method: DISSOLVED METALS DIGESTION BY E200.8,REV 5.4,1994		Prep Code: 200.8_DISSPR			
Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS22120214-02		10 (mL)	10 (mL)	1	120 ml Plastic, Neat

Client: PDC Energy
Project: Bost 16N-8A-L
WorkOrder: HS22120214

DATES REPORT

Sample ID	Client Samp ID	Collection Date	Leachate Date	Prep Date	Analysis Date	DF
Batch ID: 186935 (0)		Test Name : TPH DRO/ORO BY SW8015C			Matrix: Water	
HS22120214-01	16N-8A-LA	01 Dec 2022 09:18		05 Dec 2022 08:30	08 Dec 2022 15:32	1000
Batch ID: 187478 (0)		Test Name : TOTAL METALS BY E200.8, REV 5.4, 1994			Matrix: Water	
HS22120214-01	16N-8A-LA	01 Dec 2022 09:18		16 Dec 2022 09:00	19 Dec 2022 12:52	5
HS22120214-01	16N-8A-LA	01 Dec 2022 09:18		16 Dec 2022 09:00	16 Dec 2022 20:29	10
Batch ID: 187498 (0)		Test Name : DISSOLVED METALS BY E200.8, REV 5.4, 1994			Matrix: Water	
HS22120214-02	16N-8A-LB	01 Dec 2022 09:18		16 Dec 2022 10:00	19 Dec 2022 13:05	2
HS22120214-02	16N-8A-LB	01 Dec 2022 09:18		16 Dec 2022 10:00	16 Dec 2022 22:16	10
Batch ID: R423243 (0)		Test Name : GASOLINE RANGE ORGANICS BY SW8015C			Matrix: Water	
HS22120214-01	16N-8A-LA	01 Dec 2022 09:18			05 Dec 2022 18:13	50
Batch ID: R423567 (0)		Test Name : DISSOLVED GASES BY RSK-175			Matrix: Water	
HS22120214-01	16N-8A-LA	01 Dec 2022 09:18			06 Dec 2022 12:58	50
HS22120214-01	16N-8A-LA	01 Dec 2022 09:18			06 Dec 2022 09:57	1
Batch ID: R423644 (0)		Test Name : TOTAL DISSOLVED SOLIDS BY SM2540C-2011			Matrix: Water	
HS22120214-01	16N-8A-LA	01 Dec 2022 09:18			08 Dec 2022 16:52	1
Batch ID: R423672 (0)		Test Name : LOW LEVEL VOLATILES BY SW8260C			Matrix: Water	
HS22120214-01	16N-8A-LA	01 Dec 2022 09:18			10 Dec 2022 12:19	50
Batch ID: R423808 (0)		Test Name : ANIONS BY E300.0, REV 2.1, 1993			Matrix: Water	
HS22120214-01	16N-8A-LA	01 Dec 2022 09:18			12 Dec 2022 20:44	10
Batch ID: R424151 (0)		Test Name : ALKALINITY BY SM 2320B-2011			Matrix: Water	
HS22120214-01	16N-8A-LA	01 Dec 2022 09:18			15 Dec 2022 20:22	10

Client: PDC Energy
Project: Bost 16N-8A-L
WorkOrder: HS22120214

QC BATCH REPORT

Batch ID: 186935 (0) **Instrument:** FID-16 **Method:** TPH DRO/ORO BY SW8015C

MBLK		Sample ID: MBLK-186935			Units: mg/L		Analysis Date: 08-Dec-2022 11:38			
Client ID:		Run ID: FID-16_423739			SeqNo: 7026790		PrepDate: 05-Dec-2022		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
DRO (>C10 - C28)	U	0.050								
<i>Surr: 2-Fluorobiphenyl</i>		0.04747	0.0050	0.06	0	79.1	60 - 135			

LCS		Sample ID: LCS-186935			Units: mg/L		Analysis Date: 08-Dec-2022 12:07			
Client ID:		Run ID: FID-16_423739			SeqNo: 7026791		PrepDate: 05-Dec-2022		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
DRO (>C10 - C28)	0.6381	0.050	0.6	0	106	70 - 130				
<i>Surr: 2-Fluorobiphenyl</i>		0.06839	0.0050	0.06	0	114	60 - 135			

LCSD		Sample ID: LCSD-186935			Units: mg/L		Analysis Date: 08-Dec-2022 12:36			
Client ID:		Run ID: FID-16_423739			SeqNo: 7026792		PrepDate: 05-Dec-2022		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
DRO (>C10 - C28)	0.5372	0.050	0.6	0	89.5	70 - 130	0.6381	17.2	20	
<i>Surr: 2-Fluorobiphenyl</i>		0.06142	0.0050	0.06	0	102	60 - 135	0.06839	10.7	20

The following samples were analyzed in this batch: HS22120214-01

Client: PDC Energy
Project: Bost 16N-8A-L
WorkOrder: HS22120214

QC BATCH REPORT

Batch ID: R423567 (0) **Instrument:** FID-4 **Method:** DISSOLVED GASES BY RSK-175

MBLK		Sample ID: MBLK-221206		Units: ug/L		Analysis Date: 06-Dec-2022 07:13			
Client ID:		Run ID: FID-4_423567		SeqNo: 7022582		PrepDate:		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Ethane	U	1.00							
Methane	U	0.500							
Propane	U	1.00							

LCS		Sample ID: LCS-221206		Units: ug/L		Analysis Date: 06-Dec-2022 07:35			
Client ID:		Run ID: FID-4_423567		SeqNo: 7022583		PrepDate:		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Ethane	20.2	1.00	18.04	0	112	75 - 125			
Methane	9.46	0.500	9.647	0	98.1	75 - 125			
Propane	30.53	1.00	26.46	0	115	75 - 125			

LCSD		Sample ID: LCSD-221206		Units: ug/L		Analysis Date: 06-Dec-2022 07:51			
Client ID:		Run ID: FID-4_423567		SeqNo: 7022584		PrepDate:		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Ethane	19.74	1.00	18.04	0	109	75 - 125	20.2	2.3	30
Methane	8.209	0.500	9.647	0	85.1	75 - 125	9.46	14.2	30
Propane	29.85	1.00	26.46	0	113	75 - 125	30.53	2.25	30

The following samples were analyzed in this batch: HS22120214-01

Client: PDC Energy
Project: Bost 16N-8A-L
WorkOrder: HS22120214

QC BATCH REPORT

Batch ID: R423243 (0)		Instrument: FID-20		Method: GASOLINE RANGE ORGANICS BY SW8015C						
MBLK	Sample ID: MBLK-221205	Units: mg/L			Analysis Date: 05-Dec-2022 15:42					
Client ID:		Run ID: FID-20_423243		SeqNo: 7015421	PrepDate:		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual	

Gasoline Range Organics	U	0.0500							
<i>Surr: 4-Bromofluorobenzene</i>	0.1173	0.00500	0.1	0	117	70 - 121			

LCS	Sample ID: LCS-221205	Units: mg/L			Analysis Date: 05-Dec-2022 15:15				
Client ID:		Run ID: FID-20_423243		SeqNo: 7015419	PrepDate:		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual

Gasoline Range Organics	0.8695	0.0500	1	0	86.9	76 - 124			
<i>Surr: 4-Bromofluorobenzene</i>	0.08642	0.00500	0.1	0	86.4	52 - 138			

LCSD	Sample ID: LCSD-221205	Units: mg/L			Analysis Date: 05-Dec-2022 15:29				
Client ID:		Run ID: FID-20_423243		SeqNo: 7015420	PrepDate:		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual

Gasoline Range Organics	0.8672	0.0500	1	0	86.7	76 - 124	0.8695	0.262	20
<i>Surr: 4-Bromofluorobenzene</i>	0.09026	0.00500	0.1	0	90.3	52 - 138	0.08642	4.34	20

The following samples were analyzed in this batch: HS22120214-01

Client: PDC Energy
Project: Bost 16N-8A-L
WorkOrder: HS22120214

QC BATCH REPORT

Batch ID: 187478 (0)		Instrument: ICPMS06		Method: TOTAL METALS BY E200.8, REV 5.4, 1994						
MBLK	Sample ID: MBLK-187478	Units: ug/L			Analysis Date: 16-Dec-2022 20:05					
Client ID:	Run ID: ICPMS06_424172	SeqNo: 7038406		PrepDate: 16-Dec-2022		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual	
Calcium	U	500								
Magnesium	15.65	500							J	
Potassium	U	500								
Sodium	U	200								
LCS	Sample ID: LCS-187478	Units: ug/L			Analysis Date: 16-Dec-2022 20:07					
Client ID:	Run ID: ICPMS06_424172	SeqNo: 7038407		PrepDate: 16-Dec-2022		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual	
Calcium	5425	500	5000	0	109	85 - 115				
Magnesium	5330	500	5000	0	107	85 - 115				
Potassium	5317	500	5000	0	106	85 - 115				
Sodium	5263	200	5000	0	105	85 - 115				
MS	Sample ID: HS22120366-06MS	Units: ug/L			Analysis Date: 16-Dec-2022 20:17					
Client ID:	Run ID: ICPMS06_424172	SeqNo: 7038412		PrepDate: 16-Dec-2022		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual	
Calcium	17840	500	5000	12470	107	70 - 130				
Magnesium	6545	500	5000	1361	104	70 - 130				
Potassium	5586	500	5000	271.2	106	70 - 130				
Sodium	15980	200	5000	10770	104	70 - 130				
MS	Sample ID: HS22120366-05MS	Units: ug/L			Analysis Date: 16-Dec-2022 20:11					
Client ID:	Run ID: ICPMS06_424172	SeqNo: 7038409		PrepDate: 16-Dec-2022		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual	
Calcium	304100	500	5000	280700	468	70 - 130			SEO	
Magnesium	89780	500	5000	79670	202	70 - 130			SO	
Potassium	6672	500	5000	1247	108	70 - 130				
Sodium	321000	200	5000	301200	396	70 - 130			SEO	

Client: PDC Energy
Project: Bost 16N-8A-L
WorkOrder: HS22120214

QC BATCH REPORT

Batch ID: 187478 (0) **Instrument:** ICPMS06 **Method:** TOTAL METALS BY E200.8, REV 5.4, 1994

MSD		Sample ID: HS22120366-06MSD			Units: ug/L		Analysis Date: 16-Dec-2022 20:19			
Client ID:		Run ID: ICPMS06_424172			SeqNo: 7038413		PrepDate: 16-Dec-2022		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Calcium	18480	500	5000	12470	120	70 - 130	17840	3.5	20	
Magnesium	6784	500	5000	1361	108	70 - 130	6545	3.59	20	
Potassium	5614	500	5000	271.2	107	70 - 130	5586	0.5	20	
Sodium	16600	200	5000	10770	117	70 - 130	15980	3.82	20	

MSD		Sample ID: HS22120366-05MSD			Units: ug/L		Analysis Date: 16-Dec-2022 20:13			
Client ID:		Run ID: ICPMS06_424172			SeqNo: 7038410		PrepDate: 16-Dec-2022		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Calcium	301000	500	5000	280700	407	70 - 130	304100	1.01	20	SEO
Magnesium	89780	500	5000	79670	202	70 - 130	89780	0	20	SO
Potassium	7200	500	5000	1247	119	70 - 130	6672	7.62	20	
Sodium	319200	200	5000	301200	360	70 - 130	321000	0.553	20	SEO

The following samples were analyzed in this batch: HS22120214-01

Client: PDC Energy
Project: Bost 16N-8A-L
WorkOrder: HS22120214

QC BATCH REPORT

Batch ID: 187498 (0)	Instrument: ICPMS07	Method: DISSOLVED METALS BY E200.8, REV 5.4, 1994 (DISSOLVED)								
MBLK	Sample ID: MBLKF2-187498	Units: ug/L	Analysis Date: 16-Dec-2022 21:48							
Client ID:	Run ID: ICPMS07_424168	SeqNo: 7037410	PrepDate: 16-Dec-2022 DF: 1							
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Calcium	U	500								
Magnesium	10.81	500								J
Potassium	U	500								
Sodium	U	200								

MBLK	Sample ID: MBLKF3-187498	Units: ug/L	Analysis Date: 16-Dec-2022 21:49							
Client ID:	Run ID: ICPMS07_424168	SeqNo: 7037411	PrepDate: 16-Dec-2022 DF: 1							
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Calcium	36.83	500								J
Magnesium	18.42	500								J
Potassium	U	500								
Sodium	U	200								

MBLK	Sample ID: MBLKF1-187498	Units: ug/L	Analysis Date: 16-Dec-2022 21:46							
Client ID:	Run ID: ICPMS07_424168	SeqNo: 7037409	PrepDate: 16-Dec-2022 DF: 1							
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Calcium	U	500								
Magnesium	12.8	500								J
Potassium	U	500								
Sodium	U	200								

MBLK	Sample ID: MBLK-187498	Units: ug/L	Analysis Date: 16-Dec-2022 21:44							
Client ID:	Run ID: ICPMS07_424168	SeqNo: 7037408	PrepDate: 16-Dec-2022 DF: 1							
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Calcium	U	500								
Magnesium	U	500								
Potassium	U	500								
Sodium	U	200								

Client: PDC Energy
Project: Bost 16N-8A-L
WorkOrder: HS22120214

QC BATCH REPORT

Batch ID: 187498 (0)		Instrument: ICPMS07		Method: DISSOLVED METALS BY E200.8, REV 5.4, 1994 (DISSOLVED)						
LCS		Sample ID: LCS-187498		Units: ug/L		Analysis Date: 16-Dec-2022 21:51				
Client ID:		Run ID: ICPMS07_424168		SeqNo: 7037412		PrepDate: 16-Dec-2022		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Calcium	4840	500	5000	0	96.8	85 - 115				
Magnesium	4960	500	5000	0	99.2	85 - 115				
Potassium	4902	500	5000	0	98.0	85 - 115				
Sodium	4774	200	5000	0	95.5	85 - 115				
MS		Sample ID: HS22120366-01MS		Units: ug/L		Analysis Date: 16-Dec-2022 22:04				
Client ID:		Run ID: ICPMS07_424168		SeqNo: 7037416		PrepDate: 16-Dec-2022		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Calcium	88260	500	5000	76730	231	85 - 115				SO
Magnesium	38390	500	5000	31130	145	85 - 115				SO
Potassium	7559	500	5000	2434	102	85 - 115				
Sodium	408000	200	5000	373300	693	85 - 115				SEO
MS		Sample ID: HS22120313-01MS		Units: ug/L		Analysis Date: 16-Dec-2022 21:59				
Client ID:		Run ID: ICPMS07_424168		SeqNo: 7037438		PrepDate: 16-Dec-2022		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Calcium	72440	500	5000	68660	75.6	85 - 115				SO
Magnesium	13950	500	5000	9225	94.4	85 - 115				
Potassium	9549	500	5000	4816	94.7	85 - 115				
Sodium	85600	200	5000	80870	94.7	85 - 115				O
MSD		Sample ID: HS22120366-01MSD		Units: ug/L		Analysis Date: 16-Dec-2022 22:06				
Client ID:		Run ID: ICPMS07_424168		SeqNo: 7037417		PrepDate: 16-Dec-2022		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Calcium	83870	500	5000	76730	143	85 - 115	88260	5.1	20	SO
Magnesium	36450	500	5000	31130	106	85 - 115	38390	5.2	20	O
Potassium	7245	500	5000	2434	96.2	85 - 115	7559	4.24	20	
Sodium	391700	200	5000	373300	366	85 - 115	408000	4.09	20	SEO

Client: PDC Energy
Project: Bost 16N-8A-L
WorkOrder: HS22120214

QC BATCH REPORT

Batch ID: 187498 (0)		Instrument: ICPMS07		Method: DISSOLVED METALS BY E200.8, REV 5.4, 1994 (DISSOLVED)						
MSD	Sample ID: HS22120313-01MSD	Units: ug/L			Analysis Date: 16-Dec-2022 22:01					
Client ID:	Run ID: ICPMS07_424168	SeqNo: 7037439		PrepDate: 16-Dec-2022		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Calcium	70870	500	5000	68660	44.1	85 - 115	72440	2.2	20	SO
Magnesium	13620	500	5000	9225	87.9	85 - 115	13950	2.37	20	
Potassium	9349	500	5000	4816	90.6	85 - 115	9549	2.12	20	
Sodium	82120	200	5000	80870	25.0	85 - 115	85600	4.16	20	SO

The following samples were analyzed in this batch: HS22120214-02

Client: PDC Energy
Project: Bost 16N-8A-L
WorkOrder: HS22120214

QC BATCH REPORT

Batch ID: R423672 (0)		Instrument: VOA10		Method: LOW LEVEL VOLATILES BY SW8260C					
MBLK	Sample ID: VBLKW-221210	Units: ug/L			Analysis Date: 10-Dec-2022 05:49				
Client ID:	Run ID: VOA10_423672	SeqNo: 7025132		PrepDate:			DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual

Benzene	U	1.0							
Ethylbenzene	U	1.0							
m,p-Xylene	U	2.0							
o-Xylene	U	1.0							
Toluene	U	1.0							
Xylenes, Total	U	1.0							
<i>Surr: 1,2-Dichloroethane-d4</i>	<i>53.13</i>	<i>1.0</i>	<i>50</i>	<i>0</i>	<i>106</i>	<i>70 - 123</i>			
<i>Surr: 4-Bromofluorobenzene</i>	<i>51.04</i>	<i>1.0</i>	<i>50</i>	<i>0</i>	<i>102</i>	<i>77 - 113</i>			
<i>Surr: Dibromofluoromethane</i>	<i>51.52</i>	<i>1.0</i>	<i>50</i>	<i>0</i>	<i>103</i>	<i>73 - 126</i>			
<i>Surr: Toluene-d8</i>	<i>47.87</i>	<i>1.0</i>	<i>50</i>	<i>0</i>	<i>95.7</i>	<i>81 - 120</i>			

LCS	Sample ID: VLCSW-221210	Units: ug/L			Analysis Date: 10-Dec-2022 05:08				
Client ID:	Run ID: VOA10_423672	SeqNo: 7025131		PrepDate:			DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual

Benzene	21.7	1.0	20	0	109	74 - 120			
Ethylbenzene	20.4	1.0	20	0	102	77 - 117			
m,p-Xylene	40.23	2.0	40	0	101	77 - 122			
o-Xylene	20.12	1.0	20	0	101	75 - 119			
Toluene	18.73	1.0	20	0	93.6	77 - 118			
Xylenes, Total	60.35	1.0	60	0	101	75 - 122			
<i>Surr: 1,2-Dichloroethane-d4</i>	<i>53.72</i>	<i>1.0</i>	<i>50</i>	<i>0</i>	<i>107</i>	<i>70 - 123</i>			
<i>Surr: 4-Bromofluorobenzene</i>	<i>53.08</i>	<i>1.0</i>	<i>50</i>	<i>0</i>	<i>106</i>	<i>77 - 113</i>			
<i>Surr: Dibromofluoromethane</i>	<i>48.95</i>	<i>1.0</i>	<i>50</i>	<i>0</i>	<i>97.9</i>	<i>73 - 126</i>			
<i>Surr: Toluene-d8</i>	<i>50.55</i>	<i>1.0</i>	<i>50</i>	<i>0</i>	<i>101</i>	<i>81 - 120</i>			

Client: PDC Energy
Project: Bost 16N-8A-L
WorkOrder: HS22120214

QC BATCH REPORT

Batch ID: R423672 (0) **Instrument:** VOA10 **Method:** LOW LEVEL VOLATILES BY SW8260C

MS		Sample ID: HS22120528-04MS			Units: ug/L		Analysis Date: 10-Dec-2022 07:11			
Client ID:		Run ID: VOA10_423672			SeqNo: 7025136		PrepDate:		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	20.87	1.0	20	0	104	70 - 127				
Ethylbenzene	22.74	1.0	20	0	114	70 - 124				
m,p-Xylene	44.67	2.0	40	0	112	70 - 130				
o-Xylene	21.88	1.0	20	0	109	70 - 124				
Toluene	20.83	1.0	20	0	104	70 - 123				
Xylenes, Total	66.55	1.0	60	0	111	70 - 130				
<i>Surr: 1,2-Dichloroethane-d4</i>	<i>51.05</i>	<i>1.0</i>	<i>50</i>	<i>0</i>	<i>102</i>	<i>70 - 126</i>				
<i>Surr: 4-Bromofluorobenzene</i>	<i>55.52</i>	<i>1.0</i>	<i>50</i>	<i>0</i>	<i>111</i>	<i>77 - 113</i>				
<i>Surr: Dibromofluoromethane</i>	<i>48.62</i>	<i>1.0</i>	<i>50</i>	<i>0</i>	<i>97.2</i>	<i>77 - 123</i>				
<i>Surr: Toluene-d8</i>	<i>54.11</i>	<i>1.0</i>	<i>50</i>	<i>0</i>	<i>108</i>	<i>82 - 127</i>				

MSD		Sample ID: HS22120528-04MSD			Units: ug/L		Analysis Date: 10-Dec-2022 07:32			
Client ID:		Run ID: VOA10_423672			SeqNo: 7025137		PrepDate:		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	20.1	1.0	20	0	101	70 - 127	20.87	3.76	20	
Ethylbenzene	20.03	1.0	20	0	100	70 - 124	22.74	12.7	20	
m,p-Xylene	38.37	2.0	40	0	95.9	70 - 130	44.67	15.2	20	
o-Xylene	18.86	1.0	20	0	94.3	70 - 124	21.88	14.8	20	
Toluene	18.43	1.0	20	0	92.1	70 - 123	20.83	12.3	20	
Xylenes, Total	57.23	1.0	60	0	95.4	70 - 130	66.55	15.1	20	
<i>Surr: 1,2-Dichloroethane-d4</i>	<i>52.14</i>	<i>1.0</i>	<i>50</i>	<i>0</i>	<i>104</i>	<i>70 - 126</i>	<i>51.05</i>	<i>2.12</i>	<i>20</i>	
<i>Surr: 4-Bromofluorobenzene</i>	<i>49.62</i>	<i>1.0</i>	<i>50</i>	<i>0</i>	<i>99.2</i>	<i>77 - 113</i>	<i>55.52</i>	<i>11.2</i>	<i>20</i>	
<i>Surr: Dibromofluoromethane</i>	<i>47.42</i>	<i>1.0</i>	<i>50</i>	<i>0</i>	<i>94.8</i>	<i>77 - 123</i>	<i>48.62</i>	<i>2.5</i>	<i>20</i>	
<i>Surr: Toluene-d8</i>	<i>50.27</i>	<i>1.0</i>	<i>50</i>	<i>0</i>	<i>101</i>	<i>82 - 127</i>	<i>54.11</i>	<i>7.36</i>	<i>20</i>	

The following samples were analyzed in this batch: HS22120214-01

Client: PDC Energy
Project: Bost 16N-8A-L
WorkOrder: HS22120214

QC BATCH REPORT

Batch ID: R423644 (0) **Instrument:** Balance1 **Method:** TOTAL DISSOLVED SOLIDS BY SM2540C-2011

MBLK	Sample ID: WBLK-120822	Units: mg/L			Analysis Date: 08-Dec-2022 16:52				
Client ID:	Run ID: Balance1_423644	SeqNo: 7024416		PrepDate:		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual

Total Dissolved Solids (Residue, Filterable) U 10.0

LCS	Sample ID: WLCS-120822	Units: mg/L			Analysis Date: 08-Dec-2022 16:52				
Client ID:	Run ID: Balance1_423644	SeqNo: 7024417		PrepDate:		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual

Total Dissolved Solids (Residue, Filterable) 1066 10.0 1000 0 107 85 - 115

DUP	Sample ID: HS22120414-29DUP	Units: mg/L			Analysis Date: 08-Dec-2022 16:52				
Client ID:	Run ID: Balance1_423644	SeqNo: 7024415		PrepDate:		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual

Total Dissolved Solids (Residue, Filterable) 210 10.0 210 0 5

DUP	Sample ID: HS22120044-01DUP	Units: mg/L			Analysis Date: 08-Dec-2022 16:52				
Client ID:	Run ID: Balance1_423644	SeqNo: 7024395		PrepDate:		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual

Total Dissolved Solids (Residue, Filterable) 328 10.0 332 1.21 5

The following samples were analyzed in this batch: HS22120214-01

Client: PDC Energy
Project: Bost 16N-8A-L
WorkOrder: HS22120214

QC BATCH REPORT

Batch ID: R423808 (0) **Instrument:** ICS-Integrion **Method:** ANIONS BY E300.0, REV 2.1, 1993

MBLK		Sample ID: MBLK	Units: mg/L			Analysis Date: 12-Dec-2022 11:29				
Client ID:		Run ID: ICS-Integrion_423808	SeqNo: 7028476		PrepDate:		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	U	0.500								
Sulfate	U	0.500								

LCS		Sample ID: LCS	Units: mg/L			Analysis Date: 12-Dec-2022 11:34				
Client ID:		Run ID: ICS-Integrion_423808	SeqNo: 7028477		PrepDate:		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	20.05	0.500	20	0	100	90 - 110				
Sulfate	21.94	0.500	20	0	110	90 - 110				

MS		Sample ID: HS22120674-01MS	Units: mg/L			Analysis Date: 12-Dec-2022 21:41				
Client ID:		Run ID: ICS-Integrion_423808	SeqNo: 7028514		PrepDate:		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	25.39	0.500	10	15.86	95.2	80 - 120				
Sulfate	24.87	0.500	10	14.54	103	80 - 120				

MS		Sample ID: HS22120521-01MS	Units: mg/L			Analysis Date: 12-Dec-2022 11:44				
Client ID:		Run ID: ICS-Integrion_423808	SeqNo: 7028479		PrepDate:		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	34.46	0.500	10	25.05	94.1	80 - 120				
Sulfate	23.11	0.500	10	13.25	98.6	80 - 120				

MSD		Sample ID: HS22120674-01MSD	Units: mg/L			Analysis Date: 12-Dec-2022 21:47				
Client ID:		Run ID: ICS-Integrion_423808	SeqNo: 7028515		PrepDate:		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	25.15	0.500	10	15.86	92.8	80 - 120	25.39	0.958	20	
Sulfate	24.65	0.500	10	14.54	101	80 - 120	24.87	0.868	20	

Client: PDC Energy
Project: Bost 16N-8A-L
WorkOrder: HS22120214

QC BATCH REPORT

Batch ID: R423808 (0) Instrument: ICS-Integrion Method: ANIONS BY E300.0, REV 2.1, 1993

MSD	Sample ID: HS22120521-01MSD	Units: mg/L			Analysis Date: 12-Dec-2022 12:08				
Client ID:	Run ID: ICS-Integrion_423808	SeqNo: 7028480	PrepDate:	DF: 1					
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Chloride	34.85	0.500	10	25.05	98.0	80 - 120	34.46	1.13	20
Sulfate	23.29	0.500	10	13.25	100	80 - 120	23.11	0.771	20

The following samples were analyzed in this batch: HS22120214-01

Client: PDC Energy
Project: Bost 16N-8A-L
WorkOrder: HS22120214

QC BATCH REPORT

Batch ID: R424151 (0)	Instrument: ManTech01	Method: ALKALINITY BY SM 2320B-2011
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MBLK	Sample ID: WBLKW1-121522	Units: mg/L	Analysis Date: 15-Dec-2022 19:42							
Client ID:	Run ID: ManTech01_424151	SeqNo: 7035984	PrepDate: DF: 1							
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Alkalinity, Bicarbonate (As CaCO3)	U	5.00								
Alkalinity, Carbonate (As CaCO3)	U	5.00								
Alkalinity, Hydroxide (As CaCO3)	U	5.00								
Alkalinity, Total (As CaCO3)	U	5.00								

LCS	Sample ID: LCS1-121522	Units: mg/L	Analysis Date: 15-Dec-2022 19:51							
Client ID:	Run ID: ManTech01_424151	SeqNo: 7035985	PrepDate: DF: 1							
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Alkalinity, Carbonate (As CaCO3)	999.4	5.00	1000	0	99.9	85 - 115				
Alkalinity, Total (As CaCO3)	1028	5.00	1000	0	103	85 - 115				

LCSD	Sample ID: LCSD1-121522	Units: mg/L	Analysis Date: 15-Dec-2022 19:59							
Client ID:	Run ID: ManTech01_424151	SeqNo: 7035986	PrepDate: DF: 1							
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Alkalinity, Carbonate (As CaCO3)	997.5	5.00	1000	0	99.8	85 - 115	999.4	0.191	20	
Alkalinity, Total (As CaCO3)	1027	5.00	1000	0	103	85 - 115	1028	0.0565	20	

DUP	Sample ID: HS22120315-08DUP	Units: mg/L	Analysis Date: 15-Dec-2022 20:13							
Client ID:	Run ID: ManTech01_424151	SeqNo: 7035988	PrepDate: DF: 1							
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Alkalinity, Bicarbonate (As CaCO3)	279.9	5.00					257.9	8.19	20	
Alkalinity, Carbonate (As CaCO3)	U	5.00					0	0	20	
Alkalinity, Hydroxide (As CaCO3)	U	5.00					0	0	20	
Alkalinity, Total (As CaCO3)	279.9	5.00					257.9	8.19	20	

The following samples were analyzed in this batch: HS22120214-01

Client: PDC Energy
Project: Bost 16N-8A-L
WorkOrder: HS22120214

**QUALIFIERS,
ACRONYMS, UNITS**

Qualifier	Description
*	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

Acronym	Description
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

Unit Reported	Description
Date	
mg/L	Milligrams per Liter

CERTIFICATIONS,ACCREDITATIONS & LICENSES

Agency	Number	Expire Date
Arkansas	22-041-0	27-Mar-2023
California	2919 2022-2023	30-Apr-2023
Dept of Defense	L21-682	31-Dec-2023
Florida	E87611-36	30-Jun-2023
Illinois	2000322022-9	09-May-2023
Kansas	E-10352; 2022-2023	31-Jul-2023
Kentucky	123043, 2022-2023	30-Apr-2023
Louisiana	03087, 2022-2023	30-Jun-2023
Maryland	343, 2022-2023	30-Jun-2023
North Carolina	624-2022	31-Dec-2022
North Dakota	R-193 2022-2023	30-Apr-2023
Oklahoma	2022-141	31-Aug-2023
Texas	T104704231-22-29	30-Apr-2023
Utah	TX026932022-13	31-Jul-2023



Chain of Custody Form

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HS22120214

PDC Energy
Bost 16N-8A-L

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ALS Project Manager: _____

Customer Information		Project Information		
Purchase Order		Project Name	Bost 16N-8A-L	A Dissolved Gases (Methane, Ethane, Propane)
Work Order		Project Number		B BTEX 8260
Company Name	PDC Energy	Bill To Company	PDC Energy	C DRO 8015
Send Report To	Max Trehus	Invoice Attn.	Max Trehus	D GRO 8015
Address	4000 Burlington Ave	Address	1775 Sherman St #3000	E Anions (Cl,SO4), Alk (T, CO3, HCO3), TDS
				F Dissolved Ca, Mg, K, Na - need to lab filter
City/State/Zip	Evans, CO 80620	City/State/Zip	Denver, CO 80203	G Total Ca, Mg, K, Na
Phone	720-762-3569	Phone	303-860-5800	H
Fax		Fax		I
e-Mail Address	max.trehus@pdce.com Jennifer.Hakkannen@pdce.com jessica.johannsen@pdce.com	e-Mail Address		J

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	16N-8A-L A	12/1/22	9:18	W	8	3	X										
2	16N-8A-L A			W	1	3		X									
3	16N-8A-L A			W	1	3			X								
4	16N-8A-L A			W	1	3				X							
5	16N-8A-L A			W	8	1					X						
6	16N-8A-L B			W	8	1						X					
7	16N-8A-L A			W	2	1							X				
8																	
9																	
10																	

Sampler(s): Please Print & Sign Max Trehus		Shipment Method:		Required Turnaround Time: <input checked="" type="checkbox"/> STD 10 Wk Days <input type="checkbox"/> 5 Wk Days <input type="checkbox"/> 2 Wk Days <input type="checkbox"/> 24 Hour		Results Due Date:	
Relinquished by:	Date: 12/1	Time: 16:25	Received by:	Notes: Facility ID: A78976			
Relinquished by:	Date: 12/2/22	Time: 16:30	Received by (Laboratory):	Cooler Temp. 0C			
Logged by (Laboratory):	Date:	Time:	Checked by (Laboratory):	QC Package: (Check Box Below) <input checked="" type="checkbox"/> Level II: Standard QC <input type="checkbox"/> TRRP-Checklist <input type="checkbox"/> Level III: Std QC + Raw Data <input type="checkbox"/> TRRP Level IV <input type="checkbox"/> Level IV: SW846 CLP-Like Other:			
Preservative Key: 1-HCL 2-HNO3 3-H2SO4 4-NaOH 5-Na2S2O3 6-NaHSO4 7-Other 8-4 degrees C 9-5035							

Note: Any changes must be made in writing once samples and COC Form have been submitted to ALS Environmental.

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Bme DEC 03 2022

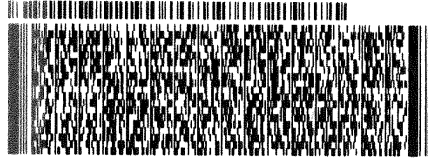
ORIGIN ID:GKYA (970) 305-1648 AMY KEPHART ALS 965 E 11TH ST LOVELAND, CO 80537 UNITED STATES US	SHIP DATE: 02DEC22 ACTWGT: 40.70 LB CAD: 0487862/CAFE3618 DIMS: 24x14x12 IN BILL SENDER
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TO **SAMPLE RECEIVING**
ALS
10450 STANCLIFF RD
SUITE 210
HOUSTON TX 77099

Bme

SRCEJ09M7452C

INV: REF: DEPT:



TRK# 6182 5243 3883
0201

SATURDAY 12:00P
PRIORITY OVERNIGHT

NO SGRA

77099
TX-US IAH

