Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

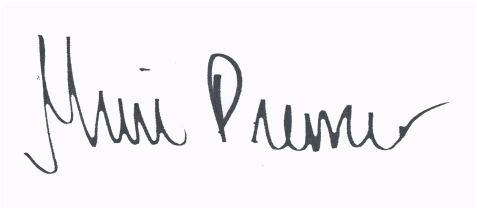
August 16, 2021

Max Knop
K.P. Kauffman
1675 Broadway
Denver, CO 80202

RE: Suckla
Work Order #2108099

Enclosed are the results of analyses for samples received by Summit Scientific on 08/06/21 13:20. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Muri Premer For Paul Shrewsbury
President

S2

K.P. Kauffman 1675 Broadway Denver CO, 80202	Project: Suckla Project Number: [none] Project Manager: Max Knop	**Reported:** 08/16/21 12:55

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-2	2108099-01	Water	08/06/21 08:45	08/06/21 13:20
MW-4	2108099-02	Water	08/06/21 09:30	08/06/21 13:20

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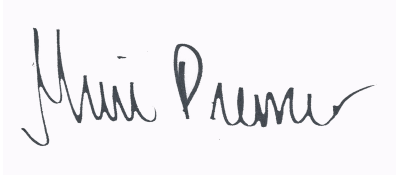

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S_2

2108099

4653 Table Mountain Drive ♦ Golden, Colorado 80403
303-277-9310

Page 1 of 1

Client: KPK
Address: 1675 Broadway
City/State/Zip: Denver, CO 80202
Phone: 303-825-4822
Sampler Name: Mike Hattel (303-517-6551)

Project Manager: Max Knop
E-Mail: mknop@kpk.com
Project Name: Suckla
Project Number:

ID	Sample Description	Date Sampled	Time Sampled	# of containers	Preservative: HCl	HNO3	None	Other 5035	Matrix: Water	Soil	Air-Canister #	Other	Analysis Requested: 8015-VOC	8015-Ext							Special Instructions
	MW-2	8/4/21	845	4				XX	X				X	X							
	MW-4	8/4/21	930	3				XX	X				X								

Relinquished by:	Date/Time:	Received by:	Date/Time:
Mike Hattel	8/6/21	Will Adin	8/6/21 1320
Relinquished by:	Date/Time:	Received by:	Date/Time:
Relinquished by:	Date/Time:	Received by:	Date/Time:

Turn Around Time (Check)
Same Day ___ 72 hours ___
24 hours ___ Standard X
48 hours ___

Sample Integrity:
Temperature Upon Receipt: 5.1
Samples Intact: (Yes) No

Notes:
PDF to Mike Hattel @ mhattel@msn.com

Sample Receipt Checklist

S2 Work Order 2108099

Client: KPK Client Project ID: SUCKIA

Shipped Via: H.D./P.U./FedEx/UPS/USPS/Other_____ Airbill #: _____

[X] [ ] [ ] [ ] [ ]

Matrix (check all that apply): [ ] Air [ ] Soil/Solid [ ] Water [ ] Other:_____ (Describe)

Temp (°C)	5.1

Thermometer ID: 61857155-K

	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature at 4°C +/- 2°C (1)? NOTE: If samples are delivered the same day of sampling, this requirement is met provided that there is evidence that cooling has begun.	✓			on ice
Were all samples received intact (1)?	✓			
Was adequate sample volume provided (1)?	✓			
If custody seals are present, are they intact (1)?			✓	
Are samples with holding times due within 48 hours sample due within 48 hours present?			✓	
Is a chain-of-custody (COC) form present and filled out completely (1)?	✓			
Does the COC agree with the number and type of sample bottles received (1)?	✓			
Do the sample IDs on the bottle labels match the COC (1)?	✓			
Is the COC properly relinquished by the client w/ date and time recorded (1)?	✓			
For volatiles in water – is there headspace present? **If yes, contact client and note in narrative.**			✓	
Are samples preserved that require preservation **(excluding cooling)** (1)? Note the type of preservative in the Comments column – HCl, H2SO4, NaOH, HNO3, ect			✓	
If samples are acid preserved for metals, is the pH ≤ 2(1)? Record the pH in Comments.			✓	
If dissolved metals are requested, were samples field filtered?			✓	
Additional Comments (if any):				

(1) **If NO, then contact the client before proceeding with analysis and note in case narrative.**

WH. — **Custodian Printed Name or Initials**

Will Kahn — **Signature of Custodian**

8/6/21 — **Date/Time**

S2

K.P. Kauffman 1675 Broadway Denver CO, 80202	Project: Suckla Project Number: [none] Project Manager: Max Knop	**Reported:** 08/16/21 12:55

MW-2

2108099-01 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/06/21 08:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	**310**	10	ug/l	10	BEH0172	08/11/21	08/12/21	EPA 8260B	
Toluene	ND	1.0	"	1	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	**6.4**	2.0	"	"	"	"	"	"	
Naphthalene	**83**	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	**96**	1.0	"	"	"	"	"	"	

Date Sampled: **08/06/21 08:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		*76.9 %*	*23-173*		"	"	"	"	
Surrogate: Toluene-d8		*92.9 %*	*20-170*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*93.2 %*	*21-167*		"	"	"	"	

Anions by EPA Method 300.0

Date Sampled: **08/06/21 08:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chloride	**213**	12.0	mg/L	200	BEH0125	08/09/21	08/10/21	EPA 300.0	
Sulfate	**1600**	60.0	"	"	"	"	"	"	

Total Dissolved Solids by SM2540C

Date Sampled: **08/06/21 08:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Total Dissolved Solids	**3690**	10.0	mg/L	1	BEH0161	08/11/21	08/11/21	SM2540C	

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K.P. Kauffman 1675 Broadway Denver CO, 80202	Project: Suckla Project Number: [none] Project Manager: Max Knop	**Reported:** 08/16/21 12:55

MW-4

2108099-02 (Water)

Summit Scientific

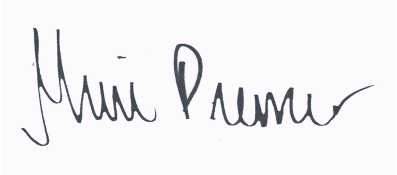
Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/06/21 09:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	**330**	10	ug/l	10	BEH0172	08/11/21	08/12/21	EPA 8260B	
Toluene	**17**	1.0	"	1	"	"	"	"	
Ethylbenzene	**5.8**	1.0	"	"	"	"	"	"	
Xylenes (total)	**19**	2.0	"	"	"	"	"	"	
Naphthalene	**19**	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	**6.4**	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	**2.1**	1.0	"	"	"	"	"	"	

Date Sampled: **08/06/21 09:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		*81.3 %*	*23-173*		"	"	"	"	
Surrogate: Toluene-d8		*97.0 %*	*20-170*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*91.1 %*	*21-167*		"	"	"	"	



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K.P. Kauffman 1675 Broadway Denver CO, 80202	Project: Suckla Project Number: [none] Project Manager: Max Knop	**Reported:** 08/16/21 12:55

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Summit Scientific

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch BEH0172 - EPA 5030 Water MS										
Blank (BEH0172-BLK1)				Prepared & Analyzed: 08/11/21						
Benzene	ND	1.0	ug/l							
Toluene	ND	1.0	"							
Ethylbenzene	ND	1.0	"							
Xylenes (total)	ND	2.0	"							
Naphthalene	ND	1.0	"							
1,2,4-Trimethylbenzene	ND	1.0	"							
1,3,5-Trimethylbenzene	ND	1.0	"							
Surrogate: 1,2-Dichloroethane-d4	*10.4*		"	*13.3*		*77.9*	*23-173*			
Surrogate: Toluene-d8	*13.0*		"	*13.3*		*97.5*	*20-170*			
Surrogate: 4-Bromofluorobenzene	*11.7*		"	*13.3*		*87.9*	*21-167*			
LCS (BEH0172-BS1)				Prepared & Analyzed: 08/11/21						
Benzene	36.6	1.0	ug/l	33.3		110	51-132			
Toluene	39.7	1.0	"	33.3		119	51-138			
Ethylbenzene	36.1	1.0	"	33.3		108	58-146			
m,p-Xylene	96.1	2.0	"	66.7		144	57-144			
o-Xylene	38.9	1.0	"	33.3		117	53-146			
Naphthalene	31.5	1.0	"	33.3		94.6	70-130			
1,2,4-Trimethylbenzene	32.0	1.0	"	33.3		96.1	70-130			
1,3,5-Trimethylbenzene	31.6	1.0	"	33.3		95.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	*10.3*		"	*13.3*		*77.3*	*23-173*			
Surrogate: Toluene-d8	*12.9*		"	*13.3*		*96.8*	*20-170*			
Surrogate: 4-Bromofluorobenzene	*11.9*		"	*13.3*		*89.3*	*21-167*			
Matrix Spike (BEH0172-MS1)	**Source: 2108158-03**			Prepared & Analyzed: 08/11/21						
Benzene	36.7	1.0	ug/l	33.3	ND	110	34-141			
Toluene	31.8	1.0	"	33.3	ND	95.4	27-151			
Ethylbenzene	35.4	1.0	"	33.3	ND	106	29-160			
m,p-Xylene	94.3	2.0	"	66.7	2.21	138	20-166			
o-Xylene	36.8	1.0	"	33.3	ND	110	33-159			
Naphthalene	36.2	1.0	"	33.3	ND	109	70-130			
1,2,4-Trimethylbenzene	41.0	1.0	"	33.3	3.01	114	70-130			
1,3,5-Trimethylbenzene	30.4	1.0	"	33.3	2.81	82.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	*10.9*		"	*13.3*		*81.9*	*23-173*			
Surrogate: Toluene-d8	*13.2*		"	*13.3*		*99.2*	*20-170*			
Surrogate: 4-Bromofluorobenzene	*12.5*		"	*13.3*		*93.8*	*21-167*			

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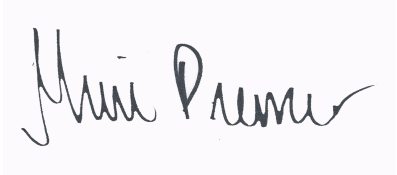
S2

K.P. Kauffman 1675 Broadway Denver CO, 80202	Project: Suckla Project Number: [none] Project Manager: Max Knop	**Reported:** 08/16/21 12:55

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Summit Scientific

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch BEH0172 - EPA 5030 Water MS										
Matrix Spike Dup (BEH0172-MSD1)	**Source: 2108158-03**			Prepared & Analyzed: 08/11/21						
Benzene	35.9	1.0	ug/l	33.3	ND	108	34-141	2.09	30	
Toluene	40.9	1.0	"	33.3	ND	123	27-151	25.0	30	
Ethylbenzene	35.4	1.0	"	33.3	ND	106	29-160	0.00	30	
m,p-Xylene	93.9	2.0	"	66.7	2.21	138	20-166	0.425	30	
o-Xylene	37.6	1.0	"	33.3	ND	113	33-159	2.18	30	
Naphthalene	38.6	1.0	"	33.3	ND	116	70-130	6.34	30	
1,2,4-Trimethylbenzene	31.7	1.0	"	33.3	3.01	86.1	70-130	25.7	30	
1,3,5-Trimethylbenzene	30.4	1.0	"	33.3	2.81	82.6	70-130	0.296	30	
Surrogate: 1,2-Dichloroethane-d4	*11.2*		*"*	*13.3*		*84.2*	*23-173*			
Surrogate: Toluene-d8	*13.0*		*"*	*13.3*		*97.6*	*20-170*			
Surrogate: 4-Bromofluorobenzene	*12.7*		*"*	*13.3*		*95.6*	*21-167*			



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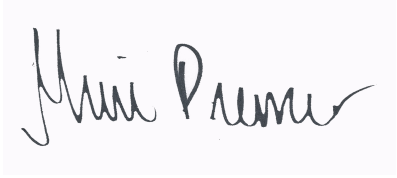
K.P. Kauffman	Project: Suckla	
1675 Broadway	Project Number: [none]	**Reported:**
Denver CO, 80202	Project Manager: Max Knop	08/16/21 12:55

Anions by EPA Method 300.0 - Quality Control

Summit Scientific

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch BEH0125 - General Preparation										
Blank (BEH0125-BLK1)				Prepared: 08/09/21 Analyzed: 08/10/21						
Chloride	ND	0.0600	mg/L							
Sulfate	ND	0.300	"							
LCS (BEH0125-BS1)				Prepared: 08/09/21 Analyzed: 08/10/21						
Chloride	2.97	0.0600	mg/L	3.00		98.9	90-110			
Sulfate	14.0	0.300	"	15.0		93.7	90-110			
Duplicate (BEH0125-DUP1)	**Source: 2107464-31**			Prepared: 08/09/21 Analyzed: 08/10/21						
Chloride	487	12.0	mg/L		530			8.57	20	
Sulfate	707	60.0	"		732			3.45	20	
Matrix Spike (BEH0125-MS1)	**Source: 2107464-31**			Prepared: 08/09/21 Analyzed: 08/10/21						
Chloride	1150	12.0	mg/L	600	530	104	80-120			
Sulfate	4290	60.0	"	3000	732	119	80-120			



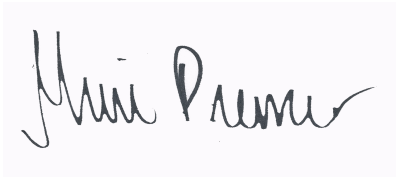
S2

K.P. Kauffman	Project: Suckla	
1675 Broadway	Project Number: [none]	**Reported:**
Denver CO, 80202	Project Manager: Max Knop	08/16/21 12:55

Total Dissolved Solids by SM2540C - Quality Control

Summit Scientific

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch BEH0161 - General Preparation										
Blank (BEH0161-BLK1)				Prepared & Analyzed: 08/11/21						
Total Dissolved Solids	ND	10.0	mg/L							
Duplicate (BEH0161-DUP1)		**Source: 2108097-01**		Prepared & Analyzed: 08/11/21						
Total Dissolved Solids	860	10.0	mg/L		861			0.163	20	



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K.P. Kauffman 1675 Broadway Denver CO, 80202	Project: Suckla Project Number: [none] Project Manager: Max Knop	**Reported:** 08/16/21 12:55

Notes and Definitions

DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference