

LEGEND

 Site Location



Figure 1
Location Site Map
September 9, 2020 LBK

Park U-4-9XRLC
API: 05-123-47956
SWSW Sec 34, T5N, R62W, 6th PM
Weld County, Colorado

SAMPLE ID
SAMPLE DATE
B: BENZENE IN MICROGRAMS PER LITER (µg/L)
T: TOLUENE (µg/L)
E: ETHYLBENZENE (µg/L)
X: TOTAL XYLENES (µg/L)
<: LESS THAN LABORATORY REPORTING LIMIT
BOLD: INDICATES RESULT EXCEEDS THE APPLICABLE STANDARD

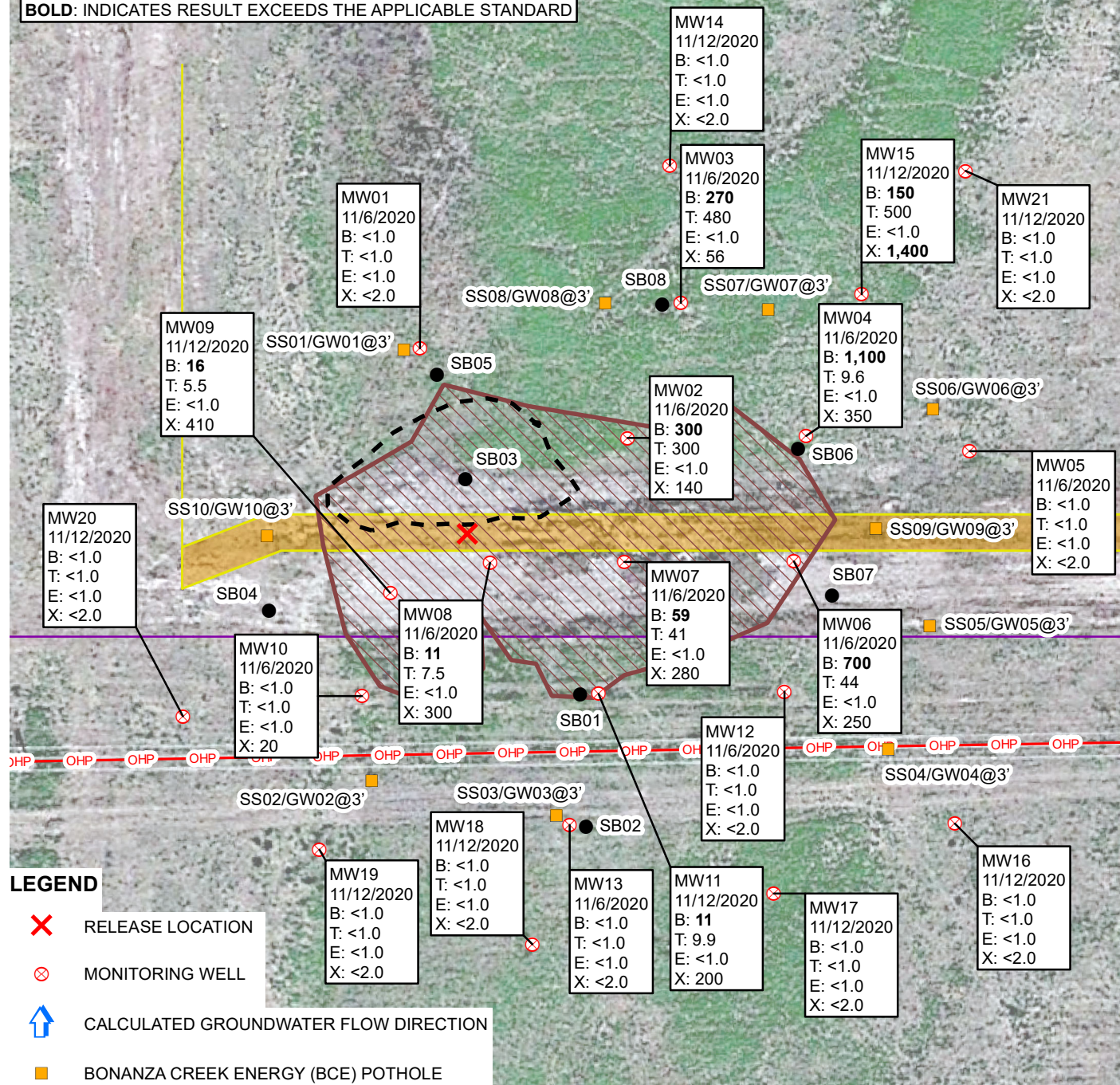


IMAGE COURTESY OF GOOGLE EARTH 2016

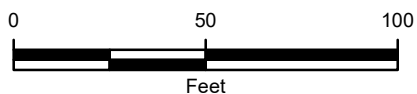


FIGURE 4
GROUNDWATER ANALYTICAL RESULTS MAP
PARK U-4-9XRLC
SWSW SEC 34-T5N-R63W
WELD COUNTY, COLORADO
BONANZA CREEK ENERGY, INC.



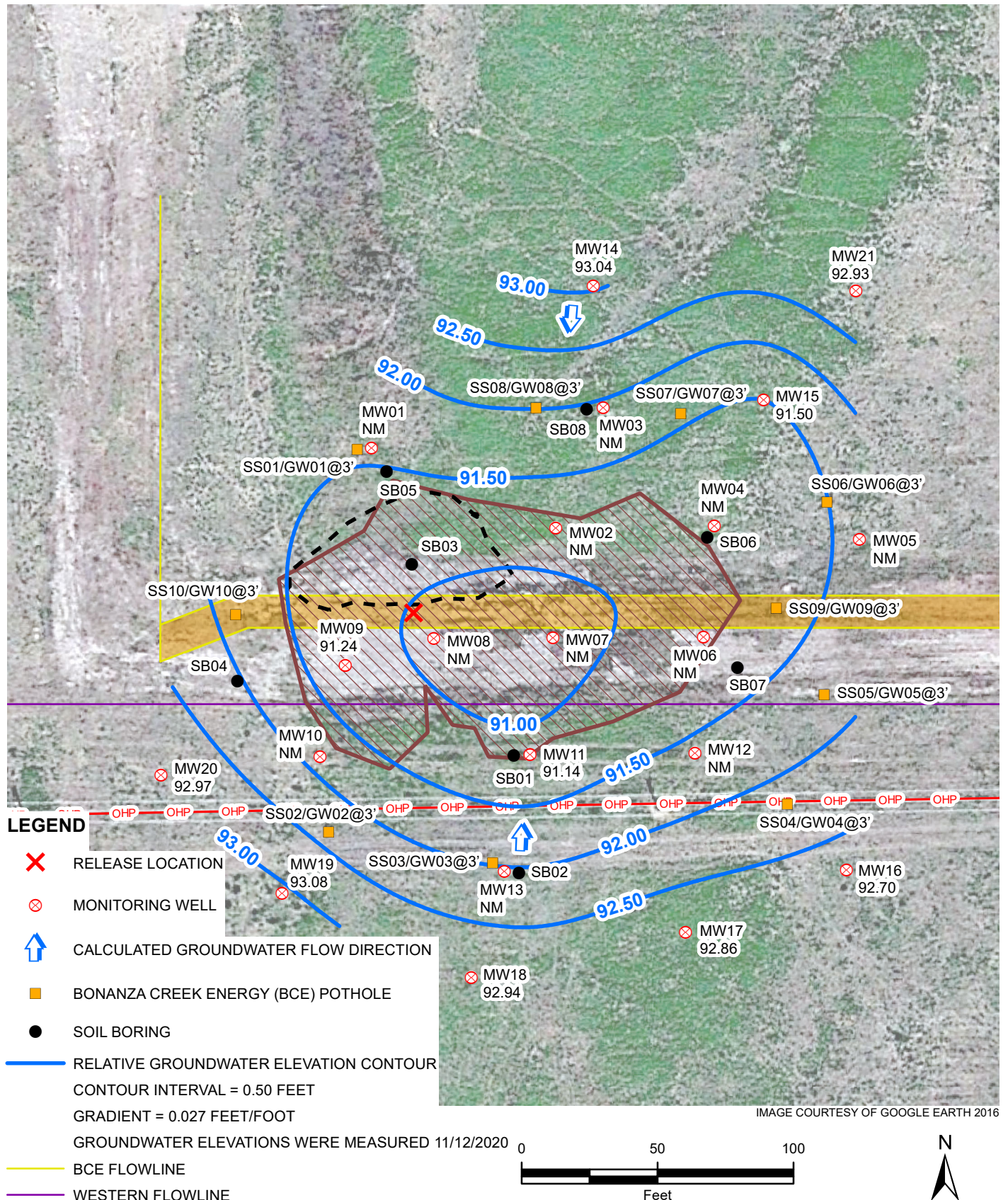


FIGURE 3
GROUNDWATER ELEVATION CONTOUR MAP
 PARK U-4-9XRLC
 SWSW SEC 34-T5N-R63W
 WELD COUNTY, COLORADO
 BONANZA CREEK ENERGY, INC.



Table 1

Groundwater Analytical Results
Park U-4-9XRLC
Bonanza Creek Energy, Inc.
Weld County, Colorado

Sample ID	Sample Date	Depth to Groundwater (feet bgs)	Relative Groundwater Elevation (feet)	Depth to Product (feet bgs)	Product Thickness (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
COGCC Table 910-1 Concentration Level						5	560	700	1,400
MW01	11/6/2020	2.85	93.18	ND	--	<1.0	<1.0	<1.0	<2.0
MW02	11/6/2020	4.50	91.56	2.82	1.68	300	300	<1.0	140
MW03	11/6/2020	5.10	91.70	3.52	1.58	270	480	<1.0	56
MW04	11/6/2020	3.86	92.20	2.77	1.09	1,100	9.6	<1.0	350
MW05	11/6/2020	4.01	92.89	ND	--	<1.0	<1.0	<1.0	<2.0
MW06	11/6/2020	3.12	92.65	2.55	0.57	700	44	<1.0	250
MW07	11/6/2020	4.57	90.98	2.19	2.38	59	41	<1.0	280
MW08	11/6/2020	4.00	91.50	2.13	1.87	11	7.5	<1.0	300
MW09	11/12/2020	4.16	91.24	2.01	2.15	16	5.5	<1.0	410
MW10	11/6/2020	3.41	92.98	3.18	0.23	<1.0	<1.0	<1.0	20
MW11	11/12/2020	5.04	91.14	2.91	2.13	11	9.9	<1.0	200
MW12	11/6/2020	5.25	91.09	3.15	2.10	<1.0	<1.0	<1.0	<2.0
MW13	11/6/2020	4.19	92.21	3.28	0.91	<1.0	<1.0	<1.0	<2.0
MW14	11/12/2020	3.45	93.04	ND	--	<1.0	<1.0	<1.0	<2.0
MW15	11/12/2020	5.22	91.50	3.54	1.68	150	500	<1.0	1,400
MW16	11/12/2020	3.99	92.70	ND	--	<1.0	<1.0	<1.0	<2.0
MW17	11/12/2020	3.50	92.86	ND	--	<1.0	<1.0	<1.0	<2.0
MW18	11/12/2020	3.30	92.94	ND	--	<1.0	<1.0	<1.0	<2.0

Table 1

**Groundwater Analytical Results
Park U-4-9XRLC
Bonanza Creek Energy, Inc.
Weld County, Colorado**

Sample ID	Sample Date	Depth to Groundwater (feet bgs)	Relative Groundwater Elevation (feet)	Depth to Product (feet bgs)	Product Thickness (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
COGCC Table 910-1 Concentration Level						5	560	700	1,400
MW19	11/12/2020	4.35	93.08	ND	--	<1.0	<1.0	<1.0	<2.0
MW20	11/12/2020	4.63	92.97	ND	--	<1.0	<1.0	<1.0	<2.0
MW21	11/12/2020	3.85	92.93	ND	--	<1.0	<1.0	<1.0	<2.0

Notes:

bgs - below ground surface

µg/L - micrograms per liter

-- - not measured

< - indicates the result is less than laboratory reporting limit

COGCC - Colorado Oil and Gas Conservation Commission

Bold indicates result exceeds the applicable COGCC Table 910-1 Concentration Level

ND - not detected

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

November 08, 2020

Jeremy Pike

WSP

4600 West 60th Avenue

Arvada, CO 80003

RE: Park U-4-9XRLC

Work Order #2011073

Enclosed are the results of analyses for samples received by Summit Scientific on 11/06/20 17:50. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read 'P. Shrewsbury', with a stylized, cursive script.

Paul Shrewsbury

President



WSP
4600 West 60th Avenue
Arvada CO, 80003

Project: Park U-4-9XRLC
Project Number: TE034520034
Project Manager: Jeremy Pike

Reported:
11/08/20 19:49

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW01	2011073-01	Water	11/06/20 15:30	11/06/20 17:50
MW02	2011073-02	Water	11/06/20 14:00	11/06/20 17:50
MW03	2011073-03	Water	11/06/20 15:10	11/06/20 17:50
MW04	2011073-04	Water	11/06/20 13:10	11/06/20 17:50
MW05	2011073-05	Water	11/06/20 13:30	11/06/20 17:50
MW06	2011073-06	Water	11/06/20 12:55	11/06/20 17:50
MW07	2011073-07	Water	11/06/20 13:50	11/06/20 17:50
MW08	2011073-08	Water	11/06/20 15:55	11/06/20 17:50
MW10	2011073-09	Water	11/06/20 11:40	11/06/20 17:50
MW12	2011073-10	Water	11/06/20 12:30	11/06/20 17:50
MW13	2011073-11	Water	11/06/20 12:00	11/06/20 17:50

Summit Scientific

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Summit Scientific

2011073

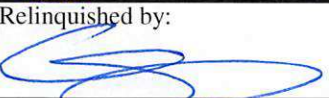

741 Corporate Circle Suite I ♦ Golden, Colorado 80401

303-277-9310 ♦ 303-374-5933 Fax

Page 1 of 1

Client: WSP
Address: 4600 West 60th Ave
City/State/Zip: Arvada, CO 80003
Phone: 303-433-9788 Fax: 303-433-1432
Sampler Name: Glenn Thompson

Project Manager: Jeremy Pike
E-Mail: jeremy.pike@wsp.com
Project Name: Park U-4-9XRLC
Project Number: TE034520034

Sample Description	Date Sampled	Time Sampled	Number of Containers	Preservative				Matrix				Analyze For:												Special Instructions							
				HCl	HNO ₃	None	Other (Specify)	Groundwater	Soil	Air - Canister Serial #	Other (Specify)	BTEX																			
MW01	11-6-20	1530	3			X		X					X																		
MW02	↓	1400	↓			X		X					X																		
MW03		1510				X		X					X																		
MW04		1310				X		X					X																		
MW05		1230				X		X					X																		
MW06		1255				X		X					X																		
MW07		1350				X		X					X																		
MW08		1555				X		X					X																		
MW10	↓	1140	↓			X		X					X																		
MW12		1230				X		X					X																		
MW13		1200				X		X					X																		
Relinquished by: 				Date/Time: 11-6-20 1750				Received by: 				Date/Time: 11/06/2002 1750				Turn Around Time (Check) Same Day <input type="checkbox"/> 72 Hours <input type="checkbox"/> 24 Hours <input checked="" type="checkbox"/> Standard <input type="checkbox"/> 48 Hours <input type="checkbox"/>												Notes: on ICE			
Relinquished by:				Date/Time:				Received by:				Date/Time:				Sample Integrity: Temperature Upon Receipt: 10.1 Intact: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>															
Relinquished by:				Date/Time:				Received in Lab by:				Date/Time:																			

Sample Receipt Checklist

S2 Work Order 2011073

Client: WSP

Client Project ID: Park U-4-9XRLC

Shipped Via: (H.D.) P.U./FedEx/UPS/USPS/Other Airbill #: _____

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

Temp (°C) 10.1

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.	<u>X</u>			<u>on ICE</u>
Were all samples received intact ⁽¹⁾ ?	<u>X</u>			
Was adequate sample volume provided ⁽¹⁾ ?	<u>X</u>			
If custody seals are present, are they intact ⁽¹⁾ ?			<u>X</u>	
Are samples with holding times due within 48 hours sample due within 48 hours present?	<u>X</u>			<u>24 hours</u>
Is a chain-of-custody (COC) form present and filled out completely ⁽¹⁾ ?	<u>X</u>			
Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ?	<u>X</u>			
Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ?	<u>X</u>			
Is the COC properly relinquished by the client w/ date and time recorded ⁽¹⁾ ?	<u>X</u>			
For volatiles in water – is there headspace present? If yes, contact client and note in narrative.		<u>X</u>		
Are samples preserved that require preservation (excluding cooling) ⁽¹⁾ ? Note the type of preservative in the Comments column – HCl, H2SO4, NaOH, HNO3, ect			<u>X</u>	
If samples are acid preserved for metals, is the pH ≤ 2 ⁽¹⁾ ? Record the pH in Comments.			<u>X</u>	
If dissolved metals are requested, were samples field filtered?			<u>X</u>	

Additional Comments (if any):

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

Custodian Printed Name or Initials WSP

Signature of Custodian [Signature]

Date/Time 11/06/2020



WSP
4600 West 60th Avenue
Arvada CO, 80003

Project: Park U-4-9XRLC
Project Number: TE034520034
Project Manager: Jeremy Pike

Reported:
11/08/20 19:49

MW01
2011073-01 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **11/06/20 15:30**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	1.0		ug/l	1	BDK0092	11/06/20	11/07/20	EPA 8260B	
Toluene	ND	1.0		"	"	"	"	"	"	
Ethylbenzene	ND	1.0		"	"	"	"	"	"	
Xylenes (total)	ND	2.0		"	"	"	"	"	"	

Date Sampled: **11/06/20 15:30**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4		104 %		23-173		"	"	"	"	
Surrogate: Toluene-d8		99.0 %		20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		98.9 %		21-167		"	"	"	"	

Summit Scientific

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WSP
4600 West 60th Avenue
Arvada CO, 80003

Project: Park U-4-9XRLC
Project Number: TE034520034
Project Manager: Jeremy Pike

Reported:
11/08/20 19:49

MW02
2011073-02 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **11/06/20 14:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	300	100	ug/l	100	BDK0092	11/06/20	11/07/20	EPA 8260B	
Toluene	300	100	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	1	"	"	11/08/20	"	
Xylenes (total)	140	2.0	"	"	"	"	"	"	

Date Sampled: **11/06/20 14:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		105 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		98.5 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		105 %	21-167		"	"	"	"	

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4600 West 60th Avenue
Arvada CO, 80003

Project: Park U-4-9XRLC
Project Number: TE034520034
Project Manager: Jeremy Pike

Reported:
11/08/20 19:49

MW03
2011073-03 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **11/06/20 15:10**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	270	100	ug/l	100	BDK0092	11/06/20	11/07/20	EPA 8260B	
Toluene	480	100	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	1	"	"	11/08/20	"	
Xylenes (total)	56	2.0	"	"	"	"	"	"	

Date Sampled: **11/06/20 15:10**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		107 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		99.5 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		100 %	21-167		"	"	"	"	

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WSP
4600 West 60th Avenue
Arvada CO, 80003

Project: Park U-4-9XRLC
Project Number: TE034520034
Project Manager: Jeremy Pike

Reported:
11/08/20 19:49

MW04
2011073-04 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **11/06/20 13:10**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	1100	100		ug/l	100	BDK0092	11/06/20	11/07/20	EPA 8260B	
Toluene	9.6	1.0		"	1	"	"	11/08/20	"	
Ethylbenzene	ND	1.0		"	"	"	"	"	"	
Xylenes (total)	350	2.0		"	"	"	"	"	"	

Date Sampled: **11/06/20 13:10**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4		104 %		23-173		"	"	"	"	
Surrogate: Toluene-d8		102 %		20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		105 %		21-167		"	"	"	"	

Summit Scientific

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4600 West 60th Avenue
Arvada CO, 80003

Project: Park U-4-9XRLC
Project Number: TE034520034
Project Manager: Jeremy Pike

Reported:
11/08/20 19:49

MW05
2011073-05 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **11/06/20 13:30**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	1.0	ug/l	1	BDK0092	11/06/20	11/07/20	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	2.0	"	"	"	"	"	"	

Date Sampled: **11/06/20 13:30**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		96.2 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		99.4 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		97.5 %	21-167		"	"	"	"	

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4600 West 60th Avenue
Arvada CO, 80003

Project: Park U-4-9XRLC
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Project Manager: Jeremy Pike

Reported:
11/08/20 19:49

MW06
2011073-06 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **11/06/20 12:55**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	700	100		ug/l	100	BDK0092	11/06/20	11/07/20	EPA 8260B	
Toluene	44	1.0		"	1	"	"	11/08/20	"	
Ethylbenzene	ND	1.0		"	"	"	"	"	"	
Xylenes (total)	250	2.0		"	"	"	"	"	"	

Date Sampled: **11/06/20 12:55**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4		110 %		23-173		"	"	"	"	
Surrogate: Toluene-d8		102 %		20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		97.3 %		21-167		"	"	"	"	

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WSP
4600 West 60th Avenue
Arvada CO, 80003

Project: Park U-4-9XRLC
Project Number: TE034520034
Project Manager: Jeremy Pike

Reported:
11/08/20 19:49

MW07
2011073-07 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **11/06/20 13:50**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	59	1.0		ug/l	1	BDK0092	11/06/20	11/08/20	EPA 8260B	
Toluene	41	1.0		"	"	"	"	"	"	
Ethylbenzene	ND	1.0		"	"	"	"	"	"	
Xylenes (total)	280	2.0		"	"	"	"	"	"	

Date Sampled: **11/06/20 13:50**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4		106 %		23-173		"	"	"	"	
Surrogate: Toluene-d8		104 %		20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		103 %		21-167		"	"	"	"	

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Arvada CO, 80003

Project: Park U-4-9XRLC
Project Number: TE034520034
Project Manager: Jeremy Pike

Reported:
11/08/20 19:49

MW08
2011073-08 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **11/06/20 15:55**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	11	1.0		ug/l	1	BDK0092	11/06/20	11/08/20	EPA 8260B	
Toluene	7.5	1.0		"	"	"	"	"	"	
Ethylbenzene	ND	1.0		"	"	"	"	"	"	
Xylenes (total)	300	2.0		"	"	"	"	"	"	

Date Sampled: **11/06/20 15:55**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4		109 %		23-173		"	"	"	"	
Surrogate: Toluene-d8		98.6 %		20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		104 %		21-167		"	"	"	"	

Summit Scientific

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4600 West 60th Avenue
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Project: Park U-4-9XRLC
Project Number: TE034520034
Project Manager: Jeremy Pike

Reported:
11/08/20 19:49

MW10
2011073-09 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **11/06/20 11:40**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	1.0		ug/l	1	BDK0092	11/06/20	11/07/20	EPA 8260B	
Toluene	ND	1.0		"	"	"	"	"	"	
Ethylbenzene	ND	1.0		"	"	"	"	"	"	
Xylenes (total)	20	2.0		"	"	"	"	"	"	

Date Sampled: **11/06/20 11:40**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4		96.8 %		23-173		"	"	"	"	
Surrogate: Toluene-d8		97.1 %		20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		96.4 %		21-167		"	"	"	"	

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4600 West 60th Avenue
Arvada CO, 80003

Project: Park U-4-9XRLC
Project Number: TE034520034
Project Manager: Jeremy Pike

Reported:
11/08/20 19:49

MW12
2011073-10 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **11/06/20 12:30**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	1.0	ug/l	1	BDK0092	11/06/20	11/07/20	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	2.0	"	"	"	"	"	"	

Date Sampled: **11/06/20 12:30**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		104 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		95.9 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		98.9 %	21-167		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



WSP
4600 West 60th Avenue
Arvada CO, 80003

Project: Park U-4-9XRLC
Project Number: TE034520034
Project Manager: Jeremy Pike

Reported:
11/08/20 19:49

MW13
2011073-11 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **11/06/20 12:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	1.0	ug/l	1	BDK0092	11/06/20	11/08/20	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	2.0	"	"	"	"	"	"	

Date Sampled: **11/06/20 12:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		100 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		94.1 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		98.9 %	21-167		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



WSP
4600 West 60th Avenue
Arvada CO, 80003

Project: Park U-4-9XRLC
Project Number: TE034520034
Project Manager: Jeremy Pike

Reported:
11/08/20 19:49

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Summit Scientific

Analyte	Reporting			Spike	Source		%REC		RPD	
	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

Batch BDK0092 - EPA 5030 Water MS

Blank (BDK0092-BLK1)

Prepared: 11/06/20 Analyzed: 11/07/20

Benzene	ND	1.0	ug/l							
Toluene	ND	1.0	"							
Ethylbenzene	ND	1.0	"							
Xylenes (total)	ND	2.0	"							
Surrogate: 1,2-Dichloroethane-d4	13.8		"	13.3	104	23-173				
Surrogate: Toluene-d8	14.1		"	13.3	105	20-170				
Surrogate: 4-Bromofluorobenzene	13.3		"	13.3	100	21-167				

LCS (BDK0092-BS1)

Prepared: 11/06/20 Analyzed: 11/07/20

Benzene	38.7	1.0	ug/l	33.3	116	51-132				
Toluene	38.0	1.0	"	33.3	114	51-138				
Ethylbenzene	39.6	1.0	"	33.3	119	58-146				
m,p-Xylene	78.2	2.0	"	66.7	117	57-144				
o-Xylene	37.7	1.0	"	33.3	113	53-146				
Surrogate: 1,2-Dichloroethane-d4	13.2		"	13.3	99.4	23-173				
Surrogate: Toluene-d8	13.2		"	13.3	99.2	20-170				
Surrogate: 4-Bromofluorobenzene	12.9		"	13.3	96.5	21-167				

Matrix Spike (BDK0092-MS1)

Source: 2011073-01

Prepared: 11/06/20 Analyzed: 11/07/20

Benzene	37.6	1.0	ug/l	33.3	ND	113	34-141			
Toluene	37.2	1.0	"	33.3	ND	112	27-151			
Ethylbenzene	40.4	1.0	"	33.3	ND	121	29-160			
m,p-Xylene	80.1	2.0	"	66.7	ND	120	20-166			
o-Xylene	37.9	1.0	"	33.3	ND	114	33-159			
Surrogate: 1,2-Dichloroethane-d4	13.9		"	13.3	104	23-173				
Surrogate: Toluene-d8	13.2		"	13.3	98.9	20-170				
Surrogate: 4-Bromofluorobenzene	13.2		"	13.3	98.8	21-167				

Summit Scientific

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WSP
4600 West 60th Avenue
Arvada CO, 80003

Project: Park U-4-9XRLC
Project Number: TE034520034
Project Manager: Jeremy Pike

Reported:
11/08/20 19:49

Volatile Organic Compounds by EPA Method 8260B - Quality Control
Summit Scientific

Analyte	Reporting			Spike	Source		%REC		RPD	
	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

Batch BDK0092 - EPA 5030 Water MS

Matrix Spike Dup (BDK0092-MSD1)	Source: 2011073-01			Prepared: 11/06/20 Analyzed: 11/07/20						
Benzene	38.8	1.0	ug/l	33.3	ND	116	34-141	3.25	30	
Toluene	39.4	1.0	"	33.3	ND	118	27-151	5.67	30	
Ethylbenzene	41.0	1.0	"	33.3	ND	123	29-160	1.28	30	
m,p-Xylene	81.6	2.0	"	66.7	ND	122	20-166	1.89	30	
o-Xylene	39.1	1.0	"	33.3	ND	117	33-159	3.01	30	
Surrogate: 1,2-Dichloroethane-d4	13.8		"	13.3		103	23-173			
Surrogate: Toluene-d8	13.7		"	13.3		103	20-170			
Surrogate: 4-Bromofluorobenzene	13.1		"	13.3		98.3	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



WSP
4600 West 60th Avenue
Arvada CO, 80003

Project: Park U-4-9XRLC
Project Number: TE034520034
Project Manager: Jeremy Pike

Reported:
11/08/20 19:49

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

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

November 18, 2020

Jeremy Pike

WSP

4600 West 60th Avenue

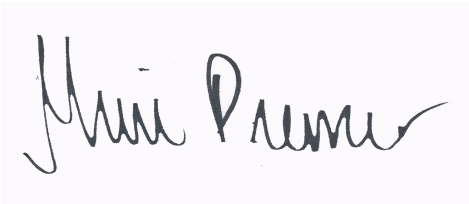
Arvada, CO 80003

RE: Park U-4-9XRLC

Work Order #2011177

Enclosed are the results of analyses for samples received by Summit Scientific on 11/13/20 09:50. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, reading "Muri Premier", is displayed on a light purple rectangular background.

Muri Premier For Paul Shrewsbury
President



WSP
4600 West 60th Avenue
Arvada CO, 80003

Project: Park U-4-9XRLC
Project Number: TE034520034
Project Manager: Jeremy Pike

Reported:
11/18/20 10:57

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW09	2011177-01	Water	11/12/20 16:12	11/13/20 09:50
MW11	2011177-02	Water	11/12/20 15:45	11/13/20 09:50
MW14	2011177-03	Water	11/12/20 12:17	11/13/20 09:50
MW15	2011177-04	Water	11/12/20 15:18	11/13/20 09:50
MW16	2011177-05	Water	11/12/20 13:07	11/13/20 09:50
MW17	2011177-06	Water	11/12/20 13:32	11/13/20 09:50
MW18	2011177-07	Water	11/12/20 14:00	11/13/20 09:50
MW19	2011177-08	Water	11/12/20 14:24	11/13/20 09:50
MW20	2011177-09	Water	11/12/20 14:48	11/13/20 09:50
MW21	2011177-10	Water	11/12/20 12:42	11/13/20 09:50

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Summit Scientific

2011177

741 Corporate Circle Suite I ♦ Golden, Colorado 80401
303-277-9310 ♦ 303-374-5933 Fax

Page 1 of 1

Client: WSP
Address: 4600 West 60th Ave
City/State/Zip: Arvada, CO 80003
Phone: 303-433-9788 Fax: 303-433-1432
Sampler Name: Drew Bullinger

Project Manager: Jeremy Pike
E-Mail: jeremy.pike@wsp.com
Project Name: Park U-4-9XRLC
Project Number: TE034520034

Sample Description	Date Sampled	Time Sampled	Number of Containers	Preservative				Matrix				Analyze For:												Special Instructions					
				HCl	HNO ₃	None	Other (Specify)	Groundwater	Soil	Air - Canister Serial #	Other (Specify)	BTEX																	
MW 09	11/12/20	16:12	3			X		X					X																
MW 11		15:45	3			X		X					X																
MW 14		12:17	3			X		✓					X																
MW 15		15:18	3			X		X					X																
MW 16		13:07	3			X		X					X																
MW 17		13:32	3			X		X					X																
MW 18		14:00	3			X		X					X																
MW 19		14:24	3			X		X					X																
MW 20		14:48	3			X		X					X																
MW 21		12:42	3			X		X					X																
Relinquished by: Drew Bullinger				Date/Time: 11/13/20 09:50				Received by: Bill Bongelers				Date/Time: 11-13-20 9:50				Turn Around Time (Check)												Notes:	
																Same Day <input type="checkbox"/> 72 Hours <input type="checkbox"/>													
																24 Hours <input type="checkbox"/> Standard <input checked="" type="checkbox"/>													
Relinquished by:				Date/Time:				Received by:				Date/Time:				48 Hours <input type="checkbox"/>													
Relinquished by:				Date/Time:				Received in Lab by:				Date/Time:				Sample Integrity:													
																Temperature Upon Receipt: 6.0													
																Intact: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>													

Sample Receipt Checklist

S2 Work Order 2011177

Client: LT Environmental Client Project ID: PARK U-4-9XRLC

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

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

Temp (°C)	<u>6.0°C</u>
-----------	--------------

Thermometer ID: 61857155-K

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

Custodian Printed Name or Initials

Signature of Custodian

Date/Time



WSP
4600 West 60th Avenue
Arvada CO, 80003

Project: Park U-4-9XRLC
Project Number: TE034520034
Project Manager: Jeremy Pike

Reported:
11/18/20 10:57

MW09
2011177-01 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **11/12/20 16:12**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	16	1.0		ug/l	1	BDK0164	11/16/20	11/17/20	EPA 8260B	
Toluene	5.5	1.0		"	"	"	"	"	"	
Ethylbenzene	ND	1.0		"	"	"	"	"	"	
Xylenes (total)	410	2.0		"	"	"	"	"	"	

Date Sampled: **11/12/20 16:12**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4		104 %		23-173		"	"	"	"	
Surrogate: Toluene-d8		101 %		20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		106 %		21-167		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



WSP
4600 West 60th Avenue
Arvada CO, 80003

Project: Park U-4-9XRLC
Project Number: TE034520034
Project Manager: Jeremy Pike

Reported:
11/18/20 10:57

MW11
2011177-02 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **11/12/20 15:45**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	11	1.0		ug/l	1	BDK0164	11/16/20	11/17/20	EPA 8260B	
Toluene	9.9	1.0		"	"	"	"	"	"	
Ethylbenzene	ND	1.0		"	"	"	"	"	"	
Xylenes (total)	200	2.0		"	"	"	"	"	"	

Date Sampled: **11/12/20 15:45**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4		97.6 %		23-173		"	"	"	"	
Surrogate: Toluene-d8		101 %		20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		103 %		21-167		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



WSP
4600 West 60th Avenue
Arvada CO, 80003

Project: Park U-4-9XRLC
Project Number: TE034520034
Project Manager: Jeremy Pike

Reported:
11/18/20 10:57

MW14
2011177-03 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **11/12/20 12:17**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	1.0	ug/l	1	BDK0164	11/16/20	11/17/20	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	2.0	"	"	"	"	"	"	

Date Sampled: **11/12/20 12:17**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		85.7 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		111 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		93.4 %	21-167		"	"	"	"	

Summit Scientific

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WSP
4600 West 60th Avenue
Arvada CO, 80003

Project: Park U-4-9XRLC
Project Number: TE034520034
Project Manager: Jeremy Pike

Reported:
11/18/20 10:57

MW15
2011177-04 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **11/12/20 15:18**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	150	1.0		ug/l	1	BDK0164	11/16/20	11/17/20	EPA 8260B	
Toluene	500	100		"	100	"	"	"	"	
Ethylbenzene	ND	1.0		"	1	"	"	"	"	
Xylenes (total)	1400	200		"	100	"	"	"	"	

Date Sampled: **11/12/20 15:18**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4		108 %		23-173		"	"	"	"	
Surrogate: Toluene-d8		98.0 %		20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		102 %		21-167		"	"	"	"	

Summit Scientific

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WSP
4600 West 60th Avenue
Arvada CO, 80003

Project: Park U-4-9XRLC
Project Number: TE034520034
Project Manager: Jeremy Pike

Reported:
11/18/20 10:57

MW16
2011177-05 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **11/12/20 13:07**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	1.0	ug/l	1	BDK0164	11/16/20	11/17/20	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	2.0	"	"	"	"	"	"	

Date Sampled: **11/12/20 13:07**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		84.5 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		108 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		94.1 %	21-167		"	"	"	"	

Summit Scientific

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WSP
4600 West 60th Avenue
Arvada CO, 80003

Project: Park U-4-9XRLC
Project Number: TE034520034
Project Manager: Jeremy Pike

Reported:
11/18/20 10:57

MW17
2011177-06 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **11/12/20 13:32**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	1.0	ug/l	1	BDK0164	11/16/20	11/17/20	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	2.0	"	"	"	"	"	"	

Date Sampled: **11/12/20 13:32**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		83.4 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		111 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		92.8 %	21-167		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



WSP
4600 West 60th Avenue
Arvada CO, 80003

Project: Park U-4-9XRLC
Project Number: TE034520034
Project Manager: Jeremy Pike

Reported:
11/18/20 10:57

MW18
2011177-07 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **11/12/20 14:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	1.0	ug/l	1	BDK0164	11/16/20	11/17/20	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	2.0	"	"	"	"	"	"	

Date Sampled: **11/12/20 14:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		83.9 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		116 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		93.2 %	21-167		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



WSP
4600 West 60th Avenue
Arvada CO, 80003

Project: Park U-4-9XRLC
Project Number: TE034520034
Project Manager: Jeremy Pike

Reported:
11/18/20 10:57

MW19
2011177-08 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **11/12/20 14:24**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	1.0	ug/l	1	BDK0164	11/16/20	11/17/20	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	2.0	"	"	"	"	"	"	

Date Sampled: **11/12/20 14:24**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		80.0 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		112 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		91.1 %	21-167		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



WSP
4600 West 60th Avenue
Arvada CO, 80003

Project: Park U-4-9XRLC
Project Number: TE034520034
Project Manager: Jeremy Pike

Reported:
11/18/20 10:57

MW20
2011177-09 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **11/12/20 14:48**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	1.0	ug/l	1	BDK0164	11/16/20	11/17/20	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	2.0	"	"	"	"	"	"	

Date Sampled: **11/12/20 14:48**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		85.2 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		114 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		93.8 %	21-167		"	"	"	"	

Summit Scientific

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WSP
4600 West 60th Avenue
Arvada CO, 80003

Project: Park U-4-9XRLC
Project Number: TE034520034
Project Manager: Jeremy Pike

Reported:
11/18/20 10:57

MW21
2011177-10 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **11/12/20 12:42**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	1.0	ug/l	1	BDK0164	11/16/20	11/17/20	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	2.0	"	"	"	"	"	"	

Date Sampled: **11/12/20 12:42**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		92.9 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		114 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		96.2 %	21-167		"	"	"	"	

Summit Scientific

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Project: Park U-4-9XRLC
Project Number: TE034520034
Project Manager: Jeremy Pike

Reported:
11/18/20 10:57

Volatile Organic Compounds by EPA Method 8260B - Quality Control

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Analyte	Reporting			Spike	Source		%REC		RPD	
	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

Batch BDK0164 - EPA 5030 Water MS

Blank (BDK0164-BLK1)

Prepared: 11/16/20 Analyzed: 11/17/20

Benzene	ND	1.0	ug/l							
Toluene	ND	1.0	"							
Ethylbenzene	ND	1.0	"							
Xylenes (total)	ND	2.0	"							
Surrogate: 1,2-Dichloroethane-d4	13.2		"	13.3		98.9	23-173			
Surrogate: Toluene-d8	14.8		"	13.3		111	20-170			
Surrogate: 4-Bromofluorobenzene	12.2		"	13.3		91.9	21-167			

LCS (BDK0164-BS1)

Prepared: 11/16/20 Analyzed: 11/17/20

Benzene	29.8	1.0	ug/l	33.3		89.3	51-132			
Toluene	35.0	1.0	"	33.3		105	51-138			
Ethylbenzene	31.1	1.0	"	33.3		93.3	58-146			
m,p-Xylene	59.7	2.0	"	66.7		89.5	57-144			
o-Xylene	29.4	1.0	"	33.3		88.2	53-146			
Surrogate: 1,2-Dichloroethane-d4	11.8		"	13.3		88.9	23-173			
Surrogate: Toluene-d8	14.7		"	13.3		110	20-170			
Surrogate: 4-Bromofluorobenzene	13.0		"	13.3		97.1	21-167			

Matrix Spike (BDK0164-MS1)

Source: 2011134-01

Prepared: 11/16/20 Analyzed: 11/17/20

Benzene	30.5	1.0	ug/l	33.3	ND	91.5	34-141			
Toluene	35.8	1.0	"	33.3	ND	107	27-151			
Ethylbenzene	33.4	1.0	"	33.3	ND	100	29-160			
m,p-Xylene	63.8	2.0	"	66.7	ND	95.7	20-166			
o-Xylene	31.5	1.0	"	33.3	ND	94.4	33-159			
Surrogate: 1,2-Dichloroethane-d4	10.5		"	13.3		78.5	23-173			
Surrogate: Toluene-d8	14.5		"	13.3		109	20-170			
Surrogate: 4-Bromofluorobenzene	13.2		"	13.3		99.0	21-167			

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Arvada CO, 80003

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Project Number: TE034520034
Project Manager: Jeremy Pike

Reported:
11/18/20 10:57

Volatile Organic Compounds by EPA Method 8260B - Quality Control
Summit Scientific

Analyte	Reporting			Spike	Source		%REC		RPD	
	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

Batch BDK0164 - EPA 5030 Water MS

Matrix Spike Dup (BDK0164-MSD1)	Source: 2011134-01			Prepared: 11/16/20 Analyzed: 11/17/20						
Benzene	35.1	1.0	ug/l	33.3	ND	105	34-141	14.0	30	
Toluene	36.4	1.0	"	33.3	ND	109	27-151	1.69	30	
Ethylbenzene	33.2	1.0	"	33.3	ND	99.5	29-160	0.631	30	
m,p-Xylene	63.5	2.0	"	66.7	ND	95.2	20-166	0.503	30	
o-Xylene	31.7	1.0	"	33.3	ND	95.1	33-159	0.697	30	
Surrogate: 1,2-Dichloroethane-d4	13.3		"	13.3		99.7	23-173			
Surrogate: Toluene-d8	14.0		"	13.3		105	20-170			
Surrogate: 4-Bromofluorobenzene	13.0		"	13.3		97.3	21-167			

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Arvada CO, 80003

Project: Park U-4-9XRLC
Project Number: TE034520034
Project Manager: Jeremy Pike

Reported:
11/18/20 10:57

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