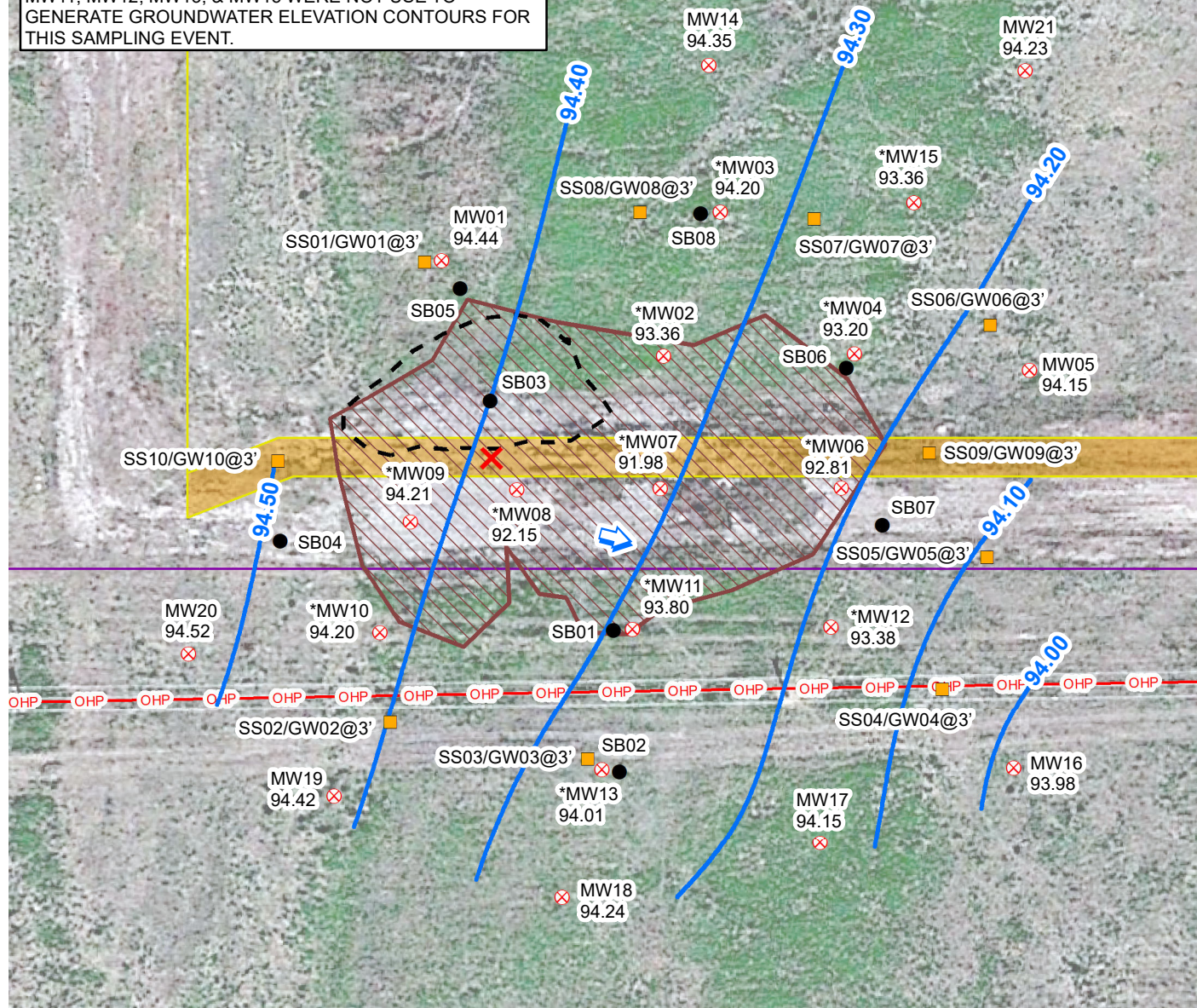


*GROUNDWATER ELEVATIONS FROM MONITORING WELLS MW02, MW03, MW04, MW06, MW07, MW08, MW09, MW10, MW11, MW12, MW13, & MW15 WERE NOT USE TO GENERATE GROUNDWATER ELEVATION CONTOURS FOR THIS SAMPLING EVENT.



LEGEND

- X RELEASE LOCATION
- ⊗ MONITORING WELL
- ↑ CALCULATED GROUNDWATER FLOW DIRECTION
- BONANZA CREEK ENERGY (BCE) POTHOLE
- SOIL BORING
- BCE FLOWLINE
- WESTERN FLOWLINE
- OVERHEAD POWER LINE
- RELATIVE GROUNDWATER ELEVATION CONTOUR
CONTOUR INTERVAL = 0.10 FEET
GRADIENT = 0.002 FEET/FOOT
GROUNDWATER ELEVATIONS WERE MEASURED ON MAY 27, 2021.
- APPROXIMATE EXCAVATION EXTENT
- SCRAPED AREA WITH VISIBLE STAINING
- BCE PIPELINE CORRIDOR (12 LINES)

IMAGE COURTESY OF GOOGLE EARTH 2016

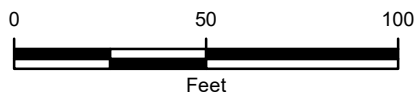


FIGURE 3
GROUNDWATER ELEVATION CONTOUR MAP
PARK U-4-9XRLC
SWSW SEC 34-T5N-R63W
WELD COUNTY, COLORADO
BONANZA CREEK ENERGY, INC.



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)
 NAPH: NAPHTHALENE (µg/L)
 1,2,4-TRI: TRIMETHYLBENZENE (µg/L)
 1,3,5-TRI: TRIMETHYLBENZENE (µg/L)
 Cl: CHLORIDE IN MILLIGRAMS PER LITER (mg/L)
 SU: SULFATE (mg/L)
 TDS: (mg/L)
 <: LESS THAN LABORATORY REPORTING LIMIT
BOLD: INDICATES RESULT EXCEEDS THE APPLICABLE STANDARD
 NS-FP: NOT SAMPLED-FREE PRODUCT

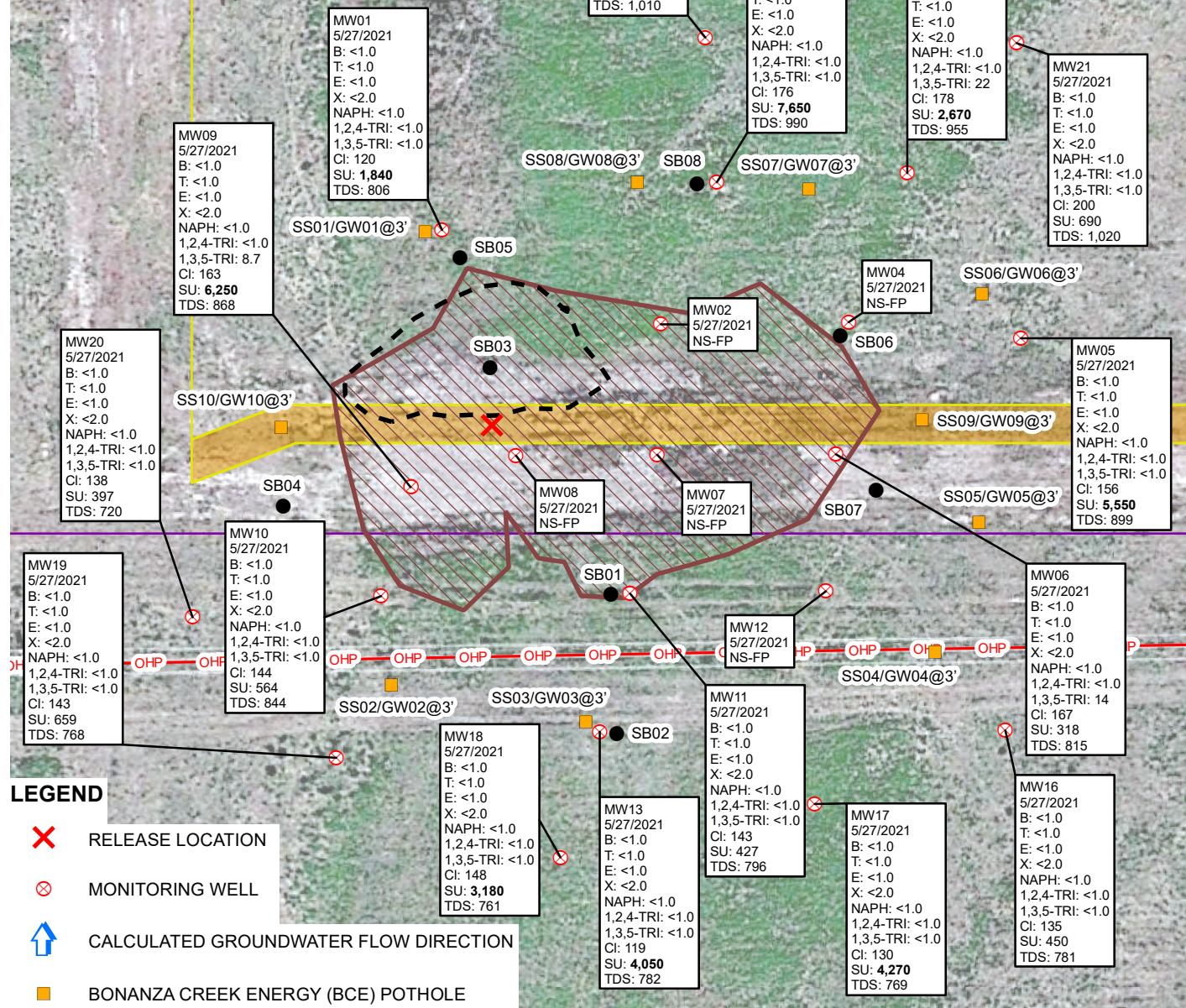


IMAGE COURTESY OF GOOGLE EARTH 2016

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



Table 1

Groundwater Analytical Results
Park U-4-9XRLC - Remediation Project # 15983
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)	Naphthalene (µg/L)	1,2,4-trimethylbenzene (µg/L)	1,3,5-trimethylbenzene (µg/L)	Chloride (mg/L)	Sulfate (mg/L)	Total Dissolved Solids (mg/L)
COGCC Table 915-1 Cleanup Concentrations						5	560	700	1,400	140	67	67	250 mg/L or <1.25 X local background	250mg/L or <1.25 X local background (*687.5 mg/L)	<1.25 X local background (*1,625 mg/L)
MW01	11/6/2020	2.85	93.18	ND	--	<1.0	<1.0	<1.0	<2.0	--	--	--	--	--	--
	2/5/2021	1.99	94.04	ND	--	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	179	480	577
	3/8/2021	2.47	93.56	ND	--					Not sampled - well gauging event					
	5/27/2021	1.59	94.44	ND	--	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	120	1,840	806
MW02	11/6/2020	4.50	91.56	2.82	1.68	300	300	<1.0	140	--	--	--	--	--	--
	2/5/2021	2.92	93.14	1.99	0.93	1,200	380	<1.0	500	48	28	53	153	413	532
	3/8/2021	3.81	92.25	2.47	1.34					Not sampled - well gauging event					
	5/27/2021	2.70	93.36	1.63	1.07					Not sampled - free product present					
MW03	11/6/2020	5.10	91.70	3.52	1.58	270	480	<1.0	56	--	--	--	--	--	--
	2/5/2021	3.16	93.64	2.80	0.36	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	119	355	520
	3/8/2021	3.77	93.03	3.32	0.45					Not sampled - well gauging event					
	5/27/2021	2.60	94.20	2.49	0.11	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	176	7,650	990
MW04	11/6/2020	3.86	92.20	2.77	1.09	1,100	9.6	<1.0	350	--	--	--	--	--	--
	2/5/2021	3.34	92.72	2.01	1.33					Not sampled - free product present					
	3/8/2021	4.05	92.01	2.48	1.57					Not sampled - well gauging event					
	5/27/2021	2.86	93.20	1.66	1.20					Not sampled - free product present					
MW05	11/6/2020	4.01	92.89	ND	--	<1.0	<1.0	<1.0	<2.0	--	--	--	--	--	--
	2/5/2021	3.12	93.78	ND	--	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	140	415	512
	3/8/2021	3.62	93.28	ND	--					Not sampled - well gauging event					
	5/27/2021	2.75	94.15	ND	--	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	156	5,550	899
MW06	11/6/2020	3.12	92.65	2.55	0.57	700	44	<1.0	250	--	--	--	--	--	--
	2/5/2021	4.04	91.73	1.64	2.40					Not sampled - free product present					
	3/8/2021	4.46	91.31	2.18	2.28					Not sampled - well gauging event					
	5/27/2021	2.96	92.81	1.41	1.55	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	14	167	318	815
MW07	11/6/2020	4.57	90.98	2.19	2.38	59	41	<1.0	280	--	--	--	--	--	--
	2/5/2021	3.74	91.81	1.25	2.49					Not sampled - free product present					
	3/8/2021	4.13	91.42	1.82	2.31					Not sampled - well gauging event					
	5/27/2021	3.57	91.98	0.88	2.69					Not sampled - free product present					
MW08	11/6/2020	4.00	91.50	2.13	1.87	11	7.5	<1.0	300	--	--	--	--	--	--
	2/5/2021	3.44	92.06	1.10	2.34					Not sampled - free product present					
	3/8/2021	3.43	92.07	1.78	1.65					Not sampled - well gauging event					
	5/27/2021	3.35	92.15	0.72	2.63					Not sampled - free product present					

Table 1
Groundwater Analytical Results
Park U-4-9XRLC - Remediation Project # 15983
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)	Naphthalene (µg/L)	1,2,4-trimethylbenzene (µg/L)	1,3,5-trimethylbenzene (µg/L)	Chloride (mg/L)	Sulfate (mg/L)	Total Dissolved Solids (mg/L)
COGCC Table 915-1 Cleanup Concentrations						5	560	700	1,400	140	67	67	250 mg/L or <1.25 X local background	250mg/L or <1.25 X local background (*687.5 mg/L)	<1.25 X local background (*1,625 mg/L)
MW09	11/12/2020	4.16	91.24	2.01	2.15	16	5.5	<1.0	410	--	--	--	--	--	--
	2/5/2021	2.78	92.62	1.02	1.76	15	3.1	<1.0	350	10	47	47	168	517	615
	3/8/2021	1.88	93.52	1.84	0.04	Not sampled - well gauging event									
	5/27/2021	1.19	94.21	0.94	0.25	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	8.7	163	6,250	868
MW10	11/6/2020	3.41	92.98	3.18	0.23	<1.0	<1.0	<1.0	20	--	--	--	--	--	--
	2/5/2021	2.56	93.83	2.20	0.36	<1.0	<1.0	<1.0	50	<1.0	29	18	163	495	592
	3/8/2021	2.86	93.53	2.86	0.00	Not sampled - well gauging event									
	5/27/2021	2.19	94.20	ND	--	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	144	564	844
MW11	11/12/2020	5.04	91.14	2.91	2.13	11	9.9	<1.0	200	--	--	--	--	--	--
	2/5/2021	3.55	92.63	1.93	1.62	<1.0	<1.0	<1.0	320	2.4	2.3	65	143	432	549
	3/8/2021	2.99	93.19	2.74	0.25	Not sampled - well gauging event									
	5/27/2021	2.38	93.80	1.84	0.54	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	143	427	796
MW12	11/6/2020	5.25	91.09	3.15	2.10	<1.0	<1.0	<1.0	<2.0	--	--	--	--	--	--
	2/5/2021	3.85	92.49	2.33	1.52	Not sampled - free product present									
	3/8/2021	3.85	92.49	2.96	0.89	Not sampled - well gauging event									
	5/27/2021	2.96	93.38	2.09	0.87	Not sampled - free product present									
MW13	11/6/2020	4.19	92.21	3.28	0.91	<1.0	<1.0	<1.0	<2.0	--	--	--	--	--	--
	2/5/2021	3.41	92.99	2.29	1.12	Not sampled - free product present									
	3/8/2021	3.61	92.79	2.92	0.69	Not sampled - well gauging event									
	5/27/2021	2.39	94.01	2.10	0.29	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	119	4,050	782
MW14	11/12/2020	3.45	93.04	ND	--	<1.0	<1.0	<1.0	<2.0	--	--	--	--	--	--
	2/5/2021	2.47	94.02	ND	--	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	146	431	549
	3/8/2021	3.01	93.48	ND	--	Not sampled - well gauging event									
	5/27/2021	2.14	94.35	ND	--	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	185	715	1,010
MW15	11/12/2020	5.22	91.50	3.54	1.68	150	500	<1.0	1,400	--	--	--	--	--	--
	2/5/2021	3.57	93.15	2.73	0.84	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	150	445	518
	3/8/2021	4.06	92.66	3.25	0.81	Not sampled - well gauging event									
	5/27/2021	3.36	93.36	2.34	1.02	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	22	178	2,670	955
MW16	11/12/2020	3.99	92.70	ND	--	<1.0	<1.0	<1.0	<2.0	--	--	--	--	--	--
	2/5/2021	3.08	93.61	ND	--	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	146	433	543
	3/8/2021	3.58	93.11	ND	--	Not sampled - well gauging event									
	5/27/2021	2.71	93.98	ND	--	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	135	450	781

Table 1

Groundwater Analytical Results
Park U-4-9XRLC - Remediation Project # 15983
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)	Naphthalene (µg/L)	1,2,4-trimethylbenzene (µg/L)	1,3,5-trimethylbenzene (µg/L)	Chloride (mg/L)	Sulfate (mg/L)	Total Dissolved Solids (mg/L)
COGCC Table 915-1 Cleanup Concentrations						5	560	700	1,400	140	67	67	250 mg/L or <1.25 X local background	250mg/L or <1.25 X local background (*687.5 mg/L)	<1.25 X local background (*1,625 mg/L)
MW17	11/12/2020	3.50	92.86	ND	--	<1.0	<1.0	<1.0	<2.0	--	--	--	--	--	--
	2/5/2021	2.54	93.82	ND	--	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	151	480	587
	3/8/2021	3.07	93.29	ND	--					Not sampled - well gauging event					
	5/27/2021	2.21	94.15	ND	--	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	130	4,270	769
MW18	11/12/2020	3.30	92.94	ND	--	<1.0	<1.0	<1.0	<2.0	--	--	--	--	--	--
	2/5/2021	2.30	93.94	ND	--	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	158	517	610
	3/8/2021	2.86	93.38	ND	--					Not sampled - well gauging event					
	5/27/2021	2.00	94.24	ND	--	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	148	3,180	761
MW19	11/12/2020	4.35	93.08	ND	--	<1.0	<1.0	<1.0	<2.0	--	--	--	--	--	--
	2/5/2021	3.29	94.14	ND	--	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	171	545	670
	3/8/2021	3.89	93.54	ND	--					Not sampled - well gauging event					
	5/27/2021	3.01	94.42	ND	--	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	143	659	768
MW20	11/12/2020	4.63	92.97	ND	--	<1.0	<1.0	<1.0	<2.0	--	--	--	--	--	--
	2/5/2021	3.36	94.24	ND	--	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	110	282	567
	3/8/2021	3.96	93.64	ND	--					Not sampled - well gauging event					
	5/27/2021	3.08	94.52	ND	--	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	138	397	720
MW21	11/12/2020	3.85	92.93	ND	--	<1.0	<1.0	<1.0	<2.0	--	--	--	--	--	--
	2/5/2021	2.92	93.86	ND	--	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	148	471	567
	3/8/2021	3.42	93.36	ND	--					Not sampled - well gauging event					
	5/27/2021	2.55	94.23	ND	--	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	200	690	1,020

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 915-1 Concentration Level

ND - not detected

***Inorganic Background Determination:** In September 2020, WSP USA INC. collected water samples from four existing landowner wells within 0.3 miles of the release area. The samples were uploaded to COGCC with sample IDs 619813, 619814, 619815, and 619816. The highest sulfate and total dissolved solids concentrations were 550 mg/L and 1,300 mg/L, respectively. This establishes the COGCC site specific background standards (1.25 X background) for sulfate and total dissolved solids at 687.5 mg/L and 1,625 mg/L, respectively.

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

June 08, 2021

Drew Bullinger

WSP

4600 West 60th Avenue

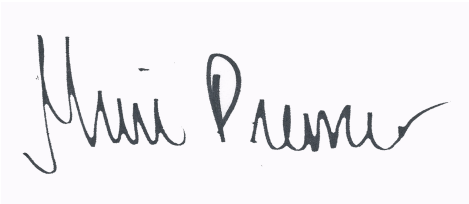
Arvada, CO 80003

RE: Park U-4-9XRLC

Work Order #2105443

Enclosed are the results of analyses for samples received by Summit Scientific on 05/27/21 17:40. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "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: Drew Bullinger

Reported:
06/08/21 17:55

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-01	2105443-01	Water	05/27/21 13:32	05/27/21 17:40
MW-03	2105443-02	Water	05/27/21 14:04	05/27/21 17:40
MW-05	2105443-03	Water	05/27/21 11:55	05/27/21 17:40
MW-06	2105443-04	Water	05/27/21 14:45	05/27/21 17:40
MW-09	2105443-05	Water	05/27/21 14:15	05/27/21 17:40
MW-10	2105443-06	Water	05/27/21 13:25	05/27/21 17:40
MW-11	2105443-07	Water	05/27/21 15:38	05/27/21 17:40
MW-13	2105443-08	Water	05/27/21 15:21	05/27/21 17:40
MW-14	2105443-09	Water	05/27/21 11:24	05/27/21 17:40
MW-15	2105443-10	Water	05/27/21 14:18	05/27/21 17:40
MW-16	2105443-11	Water	05/27/21 12:09	05/27/21 17:40
MW-17	2105443-12	Water	05/27/21 12:22	05/27/21 17:40
MW-18	2105443-13	Water	05/27/21 12:35	05/27/21 17:40
MW-19	2105443-14	Water	05/27/21 12:58	05/27/21 17:40
MW-20	2105443-15	Water	05/27/21 13:17	05/27/21 17:40
MW-21	2105443-16	Water	05/27/21 11:42	05/27/21 17:40

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

2105443.1

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

Page 1 of 2

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

Project Manager: ~~Jeremy Pike~~ **Drew Bullinger**
E-Mail: ~~jeremy.pike@wsp.com~~ **Drew.Bullinger@wsp.com**
Project Name: Park U-4-9XRLC **Chris. Roy @wsp.com**
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	naphthalene	1,2,4-trimethylbenz	1,3,5-trimethylbenz	TDS	Chloride	Sulfate		
MW-01	5-27-21	1332	9			X		X					X	X	X	X	X	X		
MW-02 MW-03		1404																		
MW-03 MW-05		1155																		
MW-04 MW-06		1445																		
MW-05 MW-09		1415																		
MW-06 MW-10		1325																		
MW-07 MW-11		1538																		
MW-08 MW-13		1521																		
MW-14		1124																		
MW-15		1418																		

Relinquished by: [Signature]	Date/Time: 5-27-21/1740	Received by:	Date/Time:	Turn Around Time (Check)	Notes:
Relinquished by:	Date/Time:	Received by:	Date/Time:	Same Day <input type="checkbox"/> 72 Hours <input type="checkbox"/> 24 Hours <input type="checkbox"/> Standard <input checked="" type="checkbox"/> 48 Hours <input type="checkbox"/>	
Relinquished by:	Date/Time:	Received in Lab by: [Signature]	Date/Time: 5-27-21/1740	Sample Integrity: Temperature Upon Receipt: 3.9° Intact: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	

Summit Scientific

S₂

2105443.2

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

Page 2 of 2

Client: WSP Project Manager: Drew Bullinger
Address: _____ E-Mail: Drew.Bullinger@WSP.com
City/State/Zip: _____ Chris.Roy@WSP.com
Phone: _____ Project Name: Park U-4-9 XRLC
Sampler Name: DB + DH Project Number: TE034520034

ID	Sample Description	Date Sampled	Time Sampled	# of containers	Preservative				Matrix				Analysis Requested						Special Instructions	
					HCl	HNO ₃	None	Other	Water	Soil	Air-Canister #	Other	BTEX	Phthalate	1,2,4-Trime	IDS	Chloride	Sulfate		
1	MW-16	5-27-21	1209	4			✓		✓					✓	✓	✓	✓	✓		
2	MW-17	↓	1222	↓			✓		✓					✓	✓	✓	✓	✓		
3	MW-18	↓	1235	↓			✓		✓					✓	✓	✓	✓	✓		
4	MW-19	↓	1258	↓			✓		✓					✓	✓	✓	✓	✓		
5	MW-20	↓	1317	↓			✓		✓					✓	✓	✓	✓	✓		
6	MW-21	↓	1142	↓			✓		✓					✓	✓	✓	✓	✓		
7																				
8																				
9																				
10																				

Relinquished by: <u>J. Heff</u>	Date/Time: <u>5-27-21/1740</u>	Received by: _____	Date/Time: _____	Turn Around Time (Check)	Notes:
Relinquished by: _____	Date/Time: _____	Received by: _____	Date/Time: _____	Same Day _____ 72 hours _____	
Relinquished by: _____	Date/Time: _____	Received by: _____	Date/Time: _____	24 hours _____ Standard <u>✓</u>	
Relinquished by: _____	Date/Time: _____	Received by: _____	Date/Time: _____	48 hours _____	
Relinquished by: _____	Date/Time: _____	Received by: <u>[Signature]</u>	Date/Time: <u>5-27-21 1740</u>	Sample Integrity: _____	
				Temperature Upon Receipt: <u>3.9</u>	
				Samples Intact: <u>(Yes)</u> No	

2105443

Sample Receipt Checklist

S2 Work Order _____

Client: WSP Client Project ID: Park U-4-9XR2LCShipped Via: ☒ H.D. ☐ P. U. ☐ FedEx/UPS/USPS/Other _____ Airbill #: _____Matrix (check all that apply): ☐ Air ☐ Soil/Solid ☒ Water ☐ Other: _____
(Describe)

Temp (°C)	3.9
-----------	-----

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.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	mic
Were all samples received intact ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Was adequate sample volume provided ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
If custody seals are present, are they intact ⁽¹⁾ ?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Are samples with holding times due within 48 hours sample due within 48 hours present?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Is a chain-of-custody (COC) form present and filled out completely ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Is the COC properly relinquished by the client w/ date and time recorded ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
For volatiles in water – is there headspace present? If yes, contact client and note in narrative.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Are samples preserved that require preservation (excluding cooling) ⁽¹⁾ ? Note the type of preservative in the Comments column – HCl, H2SO4, NaOH, HNO3, ect	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
If samples are acid preserved for metals, is the pH ≤ 2 ⁽¹⁾ ? Record the pH in Comments.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
If dissolved metals are requested, were samples field filtered?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Additional Comments (if any):				
⁽¹⁾ If NO, then contact the client before proceeding with analysis and note in case narrative.				

AT
Custodian Printed Name or Initials[Signature]
Signature of Custodian5.27.21
Date/Time



WSP
4600 West 60th Avenue
Arvada CO, 80003

Project: Park U-4-9XRLC
Project Number: TE034520034
Project Manager: Drew Bullinger

Reported:
06/08/21 17:55

MW-01
2105443-01 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/27/21 13:32**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	ND	1.0	ug/l	1	BEF0127	06/04/21	06/05/21	EPA 8260B	
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	"	"	"	"	"	"	

Date Sampled: **05/27/21 13:32**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4		128 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		90.2 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		103 %	21-167		"	"	"	"	

Anions by EPA Method 300.0

Date Sampled: **05/27/21 13:32**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Chloride	120	12.0	mg/L	200	BEF0037	06/02/21	06/02/21	EPA 300.0	
Sulfate	1840	60.0	"	"	"	"	"	"	

Total Dissolved Solids by SM2540C

Date Sampled: **05/27/21 13:32**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Total Dissolved Solids	806	10.0	mg/L	1	BEE0544	05/28/21	05/28/21	SM2540C	

Summit Scientific

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WSP
4600 West 60th Avenue
Arvada CO, 80003

Project: Park U-4-9XRLC
Project Number: TE034520034
Project Manager: Drew Bullinger

Reported:
06/08/21 17:55

MW-03
2105443-02 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/27/21 14:04**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	1.0		ug/l	1	BEF0127	06/04/21	06/06/21	EPA 8260B	
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		"	"	"	"	"	"	

Date Sampled: **05/27/21 14:04**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4		116 %		23-173		"	"	"	"	
Surrogate: Toluene-d8		90.1 %		20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		102 %		21-167		"	"	"	"	

Anions by EPA Method 300.0

Date Sampled: **05/27/21 14:04**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Chloride	176	12.0		mg/L	200	BEF0037	06/02/21	06/02/21	EPA 300.0	
Sulfate	7650	60.0		"	"	"	"	"	"	

Total Dissolved Solids by SM2540C

Date Sampled: **05/27/21 14:04**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Total Dissolved Solids	990	10.0		mg/L	1	BEE0544	05/28/21	05/28/21	SM2540C	

Summit Scientific

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WSP
4600 West 60th Avenue
Arvada CO, 80003

Project: Park U-4-9XRLC
Project Number: TE034520034
Project Manager: Drew Bullinger

Reported:
06/08/21 17:55

MW-05
2105443-03 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/27/21 11:55**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	1.0		ug/l	1	BEF0127	06/04/21	06/06/21	EPA 8260B	
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		"	"	"	"	"	"	

Date Sampled: **05/27/21 11:55**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4		130 %		23-173		"	"	"	"	
Surrogate: Toluene-d8		96.8 %		20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		112 %		21-167		"	"	"	"	

Anions by EPA Method 300.0

Date Sampled: **05/27/21 11:55**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Chloride	156	12.0		mg/L	200	BEF0037	06/02/21	06/02/21	EPA 300.0	
Sulfate	5550	60.0		"	"	"	"	"	"	

Total Dissolved Solids by SM2540C

Date Sampled: **05/27/21 11:55**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Total Dissolved Solids	899	10.0		mg/L	1	BEE0544	05/28/21	05/28/21	SM2540C	

Summit Scientific

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WSP
4600 West 60th Avenue
Arvada CO, 80003

Project: Park U-4-9XRLC
Project Number: TE034520034
Project Manager: Drew Bullinger

Reported:
06/08/21 17:55

MW-06
2105443-04 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/27/21 14:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	1.0	ug/l	1	BEF0127	06/04/21	06/06/21	EPA 8260B	
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	14	1.0	"	"	"	"	"	"	

Date Sampled: **05/27/21 14:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		128 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		91.7 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		116 %	21-167		"	"	"	"	

Anions by EPA Method 300.0

Date Sampled: **05/27/21 14:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Chloride	167	12.0	mg/L	200	BEF0037	06/02/21	06/02/21	EPA 300.0	
Sulfate	318	60.0	"	"	"	"	"	"	

Total Dissolved Solids by SM2540C

Date Sampled: **05/27/21 14:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Total Dissolved Solids	815	10.0	mg/L	1	BEE0544	05/28/21	05/28/21	SM2540C	

Summit Scientific

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WSP
4600 West 60th Avenue
Arvada CO, 80003

Project: Park U-4-9XRLC
Project Number: TE034520034
Project Manager: Drew Bullinger

Reported:
06/08/21 17:55

MW-09
2105443-05 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/27/21 14:15**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	1.0		ug/l	1	BEF0127	06/04/21	06/06/21	EPA 8260B	
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	8.7	1.0		"	"	"	"	"	"	

Date Sampled: **05/27/21 14:15**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4		127 %		23-173		"	"	"	"	
Surrogate: Toluene-d8		82.1 %		20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		109 %		21-167		"	"	"	"	

Anions by EPA Method 300.0

Date Sampled: **05/27/21 14:15**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Chloride	163	12.0		mg/L	200	BEF0037	06/02/21	06/02/21	EPA 300.0	
Sulfate	6250	60.0		"	"	"	"	"	"	

Total Dissolved Solids by SM2540C

Date Sampled: **05/27/21 14:15**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Total Dissolved Solids	868	10.0		mg/L	1	BEE0544	05/28/21	05/28/21	SM2540C	

Summit Scientific

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WSP
4600 West 60th Avenue
Arvada CO, 80003

Project: Park U-4-9XRLC
Project Number: TE034520034
Project Manager: Drew Bullinger

Reported:
06/08/21 17:55

MW-10
2105443-06 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/27/21 13:25**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	1.0		ug/l	1	BEF0127	06/04/21	06/06/21	EPA 8260B	
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		"	"	"	"	"	"	

Date Sampled: **05/27/21 13:25**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4		116 %		23-173		"	"	"	"	
Surrogate: Toluene-d8		91.8 %		20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		104 %		21-167		"	"	"	"	

Anions by EPA Method 300.0

Date Sampled: **05/27/21 13:25**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Chloride	144	12.0		mg/L	200	BEF0037	06/02/21	06/02/21	EPA 300.0	
Sulfate	564	60.0		"	"	"	"	"	"	

Total Dissolved Solids by SM2540C

Date Sampled: **05/27/21 13:25**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Total Dissolved Solids	844	10.0		mg/L	1	BEE0544	05/28/21	05/28/21	SM2540C	

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: Drew Bullinger

Reported:
06/08/21 17:55

MW-11
2105443-07 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/27/21 15:38**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	1.0		ug/l	1	BEF0127	06/04/21	06/06/21	EPA 8260B	
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		"	"	"	"	"	"	

Date Sampled: **05/27/21 15:38**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4		128 %		23-173		"	"	"	"	
Surrogate: Toluene-d8		90.1 %		20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		110 %		21-167		"	"	"	"	

Anions by EPA Method 300.0

Date Sampled: **05/27/21 15:38**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Chloride	143	12.0		mg/L	200	BEF0037	06/02/21	06/02/21	EPA 300.0	
Sulfate	427	60.0		"	"	"	"	"	"	

Total Dissolved Solids by SM2540C

Date Sampled: **05/27/21 15:38**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Total Dissolved Solids	796	10.0		mg/L	1	BEE0544	05/28/21	05/28/21	SM2540C	

Summit Scientific

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WSP
4600 West 60th Avenue
Arvada CO, 80003

Project: Park U-4-9XRLC
Project Number: TE034520034
Project Manager: Drew Bullinger

Reported:
06/08/21 17:55

MW-13
2105443-08 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/27/21 15:21**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	1.0		ug/l	1	BEF0127	06/04/21	06/06/21	EPA 8260B	
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		"	"	"	"	"	"	

Date Sampled: **05/27/21 15:21**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4		134 %		23-173		"	"	"	"	
Surrogate: Toluene-d8		96.6 %		20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		107 %		21-167		"	"	"	"	

Anions by EPA Method 300.0

Date Sampled: **05/27/21 15:21**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Chloride	119	12.0		mg/L	200	BEF0037	06/02/21	06/02/21	EPA 300.0	
Sulfate	4050	60.0		"	"	"	"	"	"	

Total Dissolved Solids by SM2540C

Date Sampled: **05/27/21 15:21**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Total Dissolved Solids	782	10.0		mg/L	1	BEE0544	05/28/21	05/28/21	SM2540C	

Summit Scientific

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WSP
4600 West 60th Avenue
Arvada CO, 80003

Project: Park U-4-9XRLC
Project Number: TE034520034
Project Manager: Drew Bullinger

Reported:
06/08/21 17:55

MW-14
2105443-09 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/27/21 11:24**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	1.0	ug/l	1	BEF0127	06/04/21	06/06/21	EPA 8260B	
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	"	"	"	"	"	"	

Date Sampled: **05/27/21 11:24**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		118 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		87.2 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		100 %	21-167		"	"	"	"	

Anions by EPA Method 300.0

Date Sampled: **05/27/21 11:24**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chloride	185	12.0	mg/L	200	BEF0037	06/02/21	06/02/21	EPA 300.0	
Sulfate	715	60.0	"	"	"	"	"	"	

Total Dissolved Solids by SM2540C

Date Sampled: **05/27/21 11:24**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Total Dissolved Solids	1010	10.0	mg/L	1	BEE0544	05/28/21	05/28/21	SM2540C	

Summit Scientific

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WSP
4600 West 60th Avenue
Arvada CO, 80003

Project: Park U-4-9XRLC
Project Number: TE034520034
Project Manager: Drew Bullinger

Reported:
06/08/21 17:55

MW-15
2105443-10 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/27/21 14:18**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	1.0		ug/l	1	BEF0127	06/04/21	06/06/21	EPA 8260B	
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	22	1.0		"	"	"	"	"	"	

Date Sampled: **05/27/21 14:18**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4		128 %		23-173		"	"	"	"	
Surrogate: Toluene-d8		90.2 %		20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		110 %		21-167		"	"	"	"	

Anions by EPA Method 300.0

Date Sampled: **05/27/21 14:18**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Chloride	178	12.0		mg/L	200	BEF0037	06/02/21	06/02/21	EPA 300.0	
Sulfate	2670	60.0		"	"	"	"	"	"	

Total Dissolved Solids by SM2540C

Date Sampled: **05/27/21 14:18**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Total Dissolved Solids	955	10.0		mg/L	1	BEE0544	05/28/21	05/28/21	SM2540C	

Summit Scientific

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WSP
4600 West 60th Avenue
Arvada CO, 80003

Project: Park U-4-9XRLC
Project Number: TE034520034
Project Manager: Drew Bullinger

Reported:
06/08/21 17:55

MW-16
2105443-11 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/27/21 12:09**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	1.0	ug/l	1	BEF0127	06/04/21	06/06/21	EPA 8260B	
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	"	"	"	"	"	"	

Date Sampled: **05/27/21 12:09**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		119 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		92.3 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		104 %	21-167		"	"	"	"	

Anions by EPA Method 300.0

Date Sampled: **05/27/21 12:09**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Chloride	135	12.0	mg/L	200	BEF0037	06/02/21	06/02/21	EPA 300.0	
Sulfate	450	60.0	"	"	"	"	"	"	

Total Dissolved Solids by SM2540C

Date Sampled: **05/27/21 12:09**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Total Dissolved Solids	781	10.0	mg/L	1	BEE0544	05/28/21	05/28/21	SM2540C	

Summit Scientific

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WSP
4600 West 60th Avenue
Arvada CO, 80003

Project: Park U-4-9XRLC
Project Number: TE034520034
Project Manager: Drew Bullinger

Reported:
06/08/21 17:55

MW-17
2105443-12 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/27/21 12:22**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	1.0	ug/l	1	BEF0127	06/04/21	06/06/21	EPA 8260B	
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	"	"	"	"	"	"	

Date Sampled: **05/27/21 12:22**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		123 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		88.9 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		103 %	21-167		"	"	"	"	

Anions by EPA Method 300.0

Date Sampled: **05/27/21 12:22**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Chloride	130	12.0	mg/L	200	BEF0037	06/02/21	06/02/21	EPA 300.0	
Sulfate	4270	60.0	"	"	"	"	"	"	

Total Dissolved Solids by SM2540C

Date Sampled: **05/27/21 12:22**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Total Dissolved Solids	769	10.0	mg/L	1	BEE0544	05/28/21	05/28/21	SM2540C	

Summit Scientific

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WSP
4600 West 60th Avenue
Arvada CO, 80003

Project: Park U-4-9XRLC
Project Number: TE034520034
Project Manager: Drew Bullinger

Reported:
06/08/21 17:55

MW-18
2105443-13 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/27/21 12:35**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	1.0	ug/l	1	BEF0127	06/04/21	06/06/21	EPA 8260B	
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	"	"	"	"	"	"	

Date Sampled: **05/27/21 12:35**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		127 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		92.3 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		102 %	21-167		"	"	"	"	

Anions by EPA Method 300.0

Date Sampled: **05/27/21 12:35**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Chloride	148	12.0	mg/L	200	BEF0037	06/02/21	06/02/21	EPA 300.0	
Sulfate	3180	60.0	"	"	"	"	"	"	

Total Dissolved Solids by SM2540C

Date Sampled: **05/27/21 12:35**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Total Dissolved Solids	761	10.0	mg/L	1	BEE0544	05/28/21	05/28/21	SM2540C	

Summit Scientific

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WSP
4600 West 60th Avenue
Arvada CO, 80003

Project: Park U-4-9XRLC
Project Number: TE034520034
Project Manager: Drew Bullinger

Reported:
06/08/21 17:55

MW-19
2105443-14 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/27/21 12:58**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	1.0	ug/l	1	BEF0127	06/04/21	06/06/21	EPA 8260B	
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	"	"	"	"	"	"	

Date Sampled: **05/27/21 12:58**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		124 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		96.6 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		107 %	21-167		"	"	"	"	

Anions by EPA Method 300.0

Date Sampled: **05/27/21 12:58**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Chloride	143	12.0	mg/L	200	BEF0037	06/02/21	06/02/21	EPA 300.0	
Sulfate	659	60.0	"	"	"	"	"	"	

Total Dissolved Solids by SM2540C

Date Sampled: **05/27/21 12:58**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Total Dissolved Solids	768	10.0	mg/L	1	BEE0544	05/28/21	05/28/21	SM2540C	

Summit Scientific

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WSP
4600 West 60th Avenue
Arvada CO, 80003

Project: Park U-4-9XRLC
Project Number: TE034520034
Project Manager: Drew Bullinger

Reported:
06/08/21 17:55

MW-20
2105443-15 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/27/21 13:17**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	1.0		ug/l	1	BEF0127	06/04/21	06/06/21	EPA 8260B	
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		"	"	"	"	"	"	

Date Sampled: **05/27/21 13:17**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4		116 %		23-173		"	"	"	"	
Surrogate: Toluene-d8		91.0 %		20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		106 %		21-167		"	"	"	"	

Anions by EPA Method 300.0

Date Sampled: **05/27/21 13:17**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Chloride	138	12.0		mg/L	200	BEF0037	06/02/21	06/02/21	EPA 300.0	
Sulfate	397	60.0		"	"	"	"	"	"	

Total Dissolved Solids by SM2540C

Date Sampled: **05/27/21 13:17**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Total Dissolved Solids	720	10.0		mg/L	1	BEE0544	05/28/21	05/28/21	SM2540C	

Summit Scientific

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WSP
4600 West 60th Avenue
Arvada CO, 80003

Project: Park U-4-9XRLC
Project Number: TE034520034
Project Manager: Drew Bullinger

Reported:
06/08/21 17:55

MW-21
2105443-16 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/27/21 11:42**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	1.0	ug/l	1	BEF0127	06/04/21	06/06/21	EPA 8260B	
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	"	"	"	"	"	"	

Date Sampled: **05/27/21 11:42**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		124 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		91.9 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		109 %	21-167		"	"	"	"	

Anions by EPA Method 300.0

Date Sampled: **05/27/21 11:42**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Chloride	200	12.0	mg/L	200	BEF0037	06/02/21	06/02/21	EPA 300.0	
Sulfate	690	60.0	"	"	"	"	"	"	

Total Dissolved Solids by SM2540C

Date Sampled: **05/27/21 11:42**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Total Dissolved Solids	1020	10.0	mg/L	1	BEE0544	05/28/21	05/28/21	SM2540C	

Summit Scientific

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WSP
4600 West 60th Avenue
Arvada CO, 80003

Project: Park U-4-9XRLC
Project Number: TE034520034
Project Manager: Drew Bullinger

Reported:
06/08/21 17:55

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 BEF0127 - EPA 5030 Water MS

Blank (BEF0127-BLK1)

Prepared: 06/04/21 Analyzed: 06/05/21

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	17.2		"	13.3		129	23-173			
Surrogate: Toluene-d8	12.4		"	13.3		92.6	20-170			
Surrogate: 4-Bromofluorobenzene	14.0		"	13.3		105	21-167			

LCS (BEF0127-BS1)

Prepared: 06/04/21 Analyzed: 06/05/21

Benzene	18.2	1.0	ug/l	25.0		72.6	51-132			
Toluene	24.3	1.0	"	25.0		97.4	51-138			
Ethylbenzene	31.8	1.0	"	25.0		127	58-146			
m,p-Xylene	65.5	2.0	"	50.0		131	57-144			
o-Xylene	32.2	1.0	"	25.0		129	53-146			
Naphthalene	27.4	1.0	"	25.0		110	70-130			
1,2,4-Trimethylbenzene	31.2	1.0	"	25.0		125	70-130			
1,3,5-Trimethylbenzene	30.9	1.0	"	25.0		124	70-130			
Surrogate: 1,2-Dichloroethane-d4	15.6		"	13.3		117	23-173			
Surrogate: Toluene-d8	11.8		"	13.3		88.7	20-170			
Surrogate: 4-Bromofluorobenzene	14.4		"	13.3		108	21-167			

Matrix Spike (BEF0127-MS1)

Source: 2105443-01

Prepared: 06/04/21 Analyzed: 06/05/21

Benzene	19.1	1.0	ug/l	25.0	ND	76.4	34-141			
Toluene	26.5	1.0	"	25.0	ND	106	27-151			
Ethylbenzene	30.7	1.0	"	25.0	ND	123	29-160			
m,p-Xylene	64.7	2.0	"	50.0	ND	129	20-166			
o-Xylene	30.5	1.0	"	25.0	ND	122	33-159			
Naphthalene	25.9	1.0	"	25.0	ND	104	70-130			
1,2,4-Trimethylbenzene	30.5	1.0	"	25.0	ND	122	70-130			
1,3,5-Trimethylbenzene	29.8	1.0	"	25.0	ND	119	70-130			
Surrogate: 1,2-Dichloroethane-d4	17.9		"	13.3		134	23-173			
Surrogate: Toluene-d8	12.6		"	13.3		94.3	20-170			
Surrogate: 4-Bromofluorobenzene	14.3		"	13.3		107	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: Drew Bullinger

Reported:
06/08/21 17:55

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 BEF0127 - EPA 5030 Water MS

Matrix Spike Dup (BEF0127-MSD1)		Source: 2105443-01			Prepared: 06/04/21 Analyzed: 06/05/21					
Benzene	17.8	1.0	ug/l	25.0	ND	71.4	34-141	6.82	30	
Toluene	25.7	1.0	"	25.0	ND	103	27-151	3.18	30	
Ethylbenzene	31.7	1.0	"	25.0	ND	127	29-160	3.01	30	
m,p-Xylene	66.4	2.0	"	50.0	ND	133	20-166	2.61	30	
o-Xylene	31.0	1.0	"	25.0	ND	124	33-159	1.37	30	
Naphthalene	27.2	1.0	"	25.0	ND	109	70-130	4.89	30	
1,2,4-Trimethylbenzene	30.5	1.0	"	25.0	ND	122	70-130	0.0983	30	
1,3,5-Trimethylbenzene	30.3	1.0	"	25.0	ND	121	70-130	1.86	30	
Surrogate: 1,2-Dichloroethane-d4	17.4		"	13.3		130	23-173			
Surrogate: Toluene-d8	12.0		"	13.3		90.2	20-170			
Surrogate: 4-Bromofluorobenzene	14.2		"	13.3		107	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: Drew Bullinger

Reported:
06/08/21 17:55

Anions by EPA Method 300.0 - Quality Control
Summit Scientific

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

Batch BEF0037 - General Preparation

Blank (BEF0037-BLK1)

Prepared & Analyzed: 06/02/21

Chloride	ND	0.0600	mg/L
Sulfate	ND	0.300	"

LCS (BEF0037-BS1)

Prepared & Analyzed: 06/02/21

Chloride	3.28	0.0600	mg/L	3.00	109	90-110
Sulfate	16.2	0.300	"	15.0	108	90-110

Duplicate (BEF0037-DUP1)

Source: 2105443-01

Prepared & Analyzed: 06/02/21

Chloride	135	12.0	mg/L	120	11.6	20
Sulfate	1960	60.0	"	1840	6.22	20

Matrix Spike (BEF0037-MS1)

Source: 2105443-01

Prepared & Analyzed: 06/02/21

Chloride	821	12.0	mg/L	600	120	117	80-120
Sulfate	4610	60.0	"	3000	1840	92.5	80-120

Summit Scientific

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WSP
4600 West 60th Avenue
Arvada CO, 80003

Project: Park U-4-9XRLC
Project Number: TE034520034
Project Manager: Drew Bullinger

Reported:
06/08/21 17:55

Total Dissolved Solids by SM2540C - Quality Control
Summit Scientific

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

Batch BEE0544 - General Preparation

Blank (BEE0544-BLK1)

Prepared & Analyzed: 05/28/21

Total Dissolved Solids ND 10.0 mg/L

Duplicate (BEE0544-DUP1)

Source: 2105443-01

Prepared & Analyzed: 05/28/21

Total Dissolved Solids 807 10.0 mg/L 806 0.161 20

Summit Scientific

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WSP
4600 West 60th Avenue
Arvada CO, 80003

Project: Park U-4-9XRLC
Project Number: TE034520034
Project Manager: Drew Bullinger

Reported:
06/08/21 17:55

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