

FREMONT ENVIRONMENTAL INC.

April 27, 2022

Mr. Jason Davidson
Great Western Operating Company, LLC
1001 17th Street, Suite 2000
Denver, CO 80202

Subject: **Site Investigation Report**
 Champlin 67F
 NWNW Sec 21, T2S, R63W
 Adams County, Colorado
 Fremont Project No. C021-028
 Facility #104726, Remediation #9466

Dear Mr. Davidson:

Enclosed please find a copy of the above referenced Site Investigation Report for the Champlin 67F site in Adams County, Colorado. The enclosed report describes site investigation and sampling efforts to assess soil chemistry at the site.

Twenty-two soil borings were advanced and sampled. Petroleum constituents were observed in the former produced water pit above the Table 915-1 standards; further, inorganic constituents (EC, pH and SAR) were present above their respective limits.

Please contact me at (303) 956-8714 if you require any additional information.

Fremont appreciates the opportunity to provide this service.

Sincerely,
FREMONT ENVIRONMENTAL INC.



Paul V. Henahan, P.E.
Senior Consultant

Enclosure

SITE INVESTIGATION REPORT

GREAT WESTERN OPERATING COMPANY, LLC

CHAMPLIN 67F

ADAMS COUNTY, COLORADO

FREMONT PROJECT NO. C021-028

FACILITY #104726, REMEDIATION #9466

Prepared by:

**Fremont Environmental Inc.
1759 Redwing Lane
Broomfield, CO 80020
(303) 956-8714**

April 27, 2022

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SITE INVESTIGATION REPORT
GREAT WESTERN OPERATING COMPANY, LLC
CHAMPLIN 67F
ADAMS COUNTY, COLORADO
FREMONT PROJECT NO. C021-028
FACILITY #104726, REMEDIATION #9466

1.0 INTRODUCTION

The purpose of this document is to present subsurface data collected during a site investigation at the Great Western Operating Company, LLC (GWOC) Champlin 67F site in Adams County, Colorado. The wellhead and equipment at this site were removed several years ago, however, environmental closure had not been granted. Twenty-two soil borings with depths ranging from 8 to 20 feet were advanced between October 2021 and February 2022 to facilitate this investigation.

2.0 BACKGROUND INFORMATION

2.1 Site Location

The Champlin 67F site is located approximately 10 miles north of Bennett, Colorado in Adams County as shown on Figure 1. The site is located in an agricultural area approximately 0.9 miles north of the intersection of County Road 32 and East 88th Avenue. The location is further described as the NW $\frac{1}{4}$ of the NW $\frac{1}{4}$ of Section 21, Township 2S, Range 63W.

2.2 Site History

The Champlin 67F well was drilled in 1976 to a vertical depth of approximately 7,800 feet. The well and facility were permanently abandoned in 2015. The site has been replanted with dryland wheat since the facility was removed.

3.0 SITE INVESTIGATION ACTIVITIES

3.1 Soil Borings

A site investigation was conducted at the facility between October 2021 and February 2022. During this investigation, 22 soil borings (SB-A to SB-V) were advanced utilizing a direct push Geoprobe rig. Borings SB-A to SB-F were advanced to a depth of 20 feet; these borings were used to determine if residual petroleum hydrocarbon impacts were present at the former site. Subsequently, borings SB-G to SB-V were advanced to eight feet and were utilized to determine the areal extent of boron, EC, pH and SAR impacts above the Table 915-1 standards. The locations of the borings are illustrated on Figure 2.

As shown on the boring logs, the subsurface generally consists of sandy silt and silty sand to approximately 20 ft. Groundwater was not encountered. A geologic cross section for the site is presented on Figure 4.

Soil samples from borings SB-A to SB-F were evaluated in the field for the presence of hydrocarbon vapor using a photoionization detector (PID). Logs of borings SB-A to SB-F are presented in Appendix A.

During the October 2021 investigation, two to four soil samples from each boring were sent to Origins Laboratories, Inc. in Denver, Colorado for the analyses of benzene, toluene, ethylbenzene and xylenes (BTEX), naphthalene, trimethylbenzenes, total petroleum hydrocarbons-gasoline range organics (TPH-GRO), TPH-diesel range organics (TPH-DRO), and TPH-residual range organics (TPH-ORO). Inorganic constituent analyses included electrical conductivity (EC), pH, sodium absorption ratio (SAR) and boron. Figure 5 shows the soil chemistry from the borings.

Based on the October 2021 data, borings SB-G to SB-V were advanced to eight feet with soil samples collected at one, three and eight feet to further delineate boron, EC, pH and SAR impacts. These borings were advanced in January and February 2022.

The results of these analyses are presented on the attached figures and summarized on Tables 1 and 2 while the laboratory's reports are provided in Appendix B. The laboratory data indicated that all soil samples except from boring "SB-C at 6 Ft" were less than their respective COGCC Table 915-1 limits for petroleum constituents; "SB-C at 6 Ft" had elevated concentrations of naphthalene and TPH at the former water pit. In addition, elevated concentrations of boron, EC, pH and SAR were present adjacent to the former water pit. Further, boring "SB-Background", which was the background sample, had elevated concentrations of boron, pH and SAR at eight feet.

Figure 6 illustrates the extent of SAR and pH which exceed the Table 915-1 standards. Two contours showing the areas that exceed the SAR and pH standards at less than three feet as well as between three and eight feet are presented.

3.2 Groundwater Evaluation

Groundwater was not present in any of the soil borings. A 2020 regional groundwater study prepared by the Division of Water Resources suggested that groundwater might be present at a depth of approximately 75 feet in this area. Therefore, application of the Residential Soil Screening Levels (RSSLs) is appropriate to determine soil cleanup concentrations.

4.0 DISCUSSION

A site investigation was conducted at the Champlin 67F location between October 2021 and February 2022 to determine if soil impacts were present at the former facility.

Groundwater was not encountered in the borings. Based on available data, the depth to groundwater is anticipated to be at approximately 75 feet deep at this site.

Based on the soil sample analyses, petroleum impacts above the COGCC Table 915-1 limits were observed only in the former produced water pit. Further, as noted above, boron, EC, pH and/or SAR were elevated in most of the 22 borings at various depths, including the background sample.

Great Western proposes to excavate the petroleum impacted soil in the former produced water pit area to a depth of approximately 10 to 12 feet. Wall and floor soil samples will be collected and analyzed to confirm that petroleum impacts have been removed relative to the COGCC RSSLs. Specifically, BTEX, naphthalene, trimethylbenzenes, and TPH (C6 to C36) will be analyzed.

Since the background sample exceeded the Table 915-1 standard for pH, SAR and boron at eight feet, Great Western proposes to excavate the shallow soil to a depth of three feet in the areas where the one and/or three feet deep samples exceeded the pH and/or SAR standard only. This area includes the former water pit and the area surrounding it. Soil at greater than three feet would be left in place outside the former water pit area. This proposed excavation work is shown on Figure 6. Further, it is proposed that the existing soil sampling has adequately defined the extent of inorganic impacts, therefore, additional confirmation sampling is not required. The reclamation plan for this site will consider its current and projected future use in dryland wheat farming.

5.0 REMARKS

The discussion and conclusions contained in this report represent our professional opinions. These opinions are based on currently available information and are arrived at in accordance with currently accepted hydrogeologic and engineering practices at this time and location. Other than this, no warranty is implied or intended.

This report was prepared by **FREMONT ENVIRONMENTAL INC.**



Paul V. Henahan, P.E.

Senior Consultant

4/27/22
Date_____

TABLES

TABLE 1
SUMMARY OF VOLATILE ORGANIC IN SOIL CHEMISTRY DATA
GREAT WESTERN OPERATING COMPANY
CHAMPLIN 67F, ADAMS COUNTY, COLORADO
FREMONT PROJECT NO. C021-028

Sample	Depth (ft)	Date Sampled	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl- Benzene (mg/kg)	Xylenes (mg/kg)	1,2,4-Trimethyl- Benzene (mg/kg)	1,3,5-Trimethyl- Benzene (mg/kg)	Naphth- alene (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)
SB-A 8 Ft	8	10/13/2021	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.0038	<0.200	<25	<100
SB-A 20 Ft	20	10/13/2021	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.0038	<0.200	<25	<100
SB-B 8 Ft	8	10/13/2021	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.0038	<0.200	<25	<100
SB-B 20 Ft	20	10/13/2021	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.0038	<0.200	<25	<100
SB-C 6 Ft	6	10/13/2021	0.217	<0.05	3.75	8.37	4.62	3.36	5.8	256	3080	1800
SB-C 12 Ft	12	10/13/2021	<0.002	<0.002	0.0134	0.0597	0.104	0.0298	0.0821	2.26	<25	<100
SB-C 16 Ft	16	10/13/2021	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.0038	<0.200	<25	<100
SB-C 20 Ft	20	10/13/2021	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.0038	<0.200	<25	<100
SB-D 8 Ft	8	10/13/2021	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.0038	<0.200	<25	<100
SB-D 20 Ft	20	10/13/2021	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.0038	<0.200	<25	<100
SB-E 8 Ft	8	10/13/2021	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.0038	<0.200	70.7	209
SB-E 20 Ft	20	10/13/2021	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.0038	<0.200	<25	<100
SB-F 8 Ft	8	10/13/2021	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.0038	<0.200	<25	<100
SB-F 20 Ft	20	10/13/2021	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.0038	<0.200	<25	<100
BG-1 1 Ft	1	10/13/2021	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
COGCC Table 915-1 Limits (Residential SSL)			1.2	490	5.8	58	30	27	2	500*	500*	500*
COGCC Table 915-1 Limits (Protection of Groundwater SSL)			0.0026	0.69	0.78	9.9	0.0081	0.0087	0.0038	500*	500*	500*

Bold faced values exceed the COGCC Table 915-1 concentrations

TABLE 2
SUMMARY OF INORGANIC SOIL CHEMISTRY DATA
GREAT WESTERN OPERATING COMPANY
CHAMPLIN 67F
FREMONT PROJECT NO. C021-028

SAMPLE LOCATION	DATE SAMPLED	DEPTH ft	EC mmhos/cm	pH pH units	SAR units	BORON mg/L
SB-A 8 Ft	10/13/2021	8	1.42	8.77	23.8	2.39
SB-A 20 Ft	10/13/2021	20	4.01	7.76	6.58	1.92
SB-B 8 Ft	10/13/2021	8	7.15	8.14	41.1	3.26
SB-B 20 Ft	10/13/2021	20	11.7	7.84	10.7	5.79
SB-C 6 Ft	10/13/2021	6	3.28	8.02	74.6	8.25
SB-C 12 Ft	10/13/2021	12	3.33	8.76	82.9	13.8
SB-C 16 Ft	10/13/2021	16	4.30	8.66	80.7	7.15
SB-C 20 Ft	10/13/2021	20	4.52	8.57	67.3	11.50
SB-D 8 Ft	10/13/2021	8	3.69	8.73	55.8	4.33
SB-D 20 Ft	10/13/2021	20	4.71	8.19	31.0	4.63
SB-E 8 Ft	10/13/2021	8	8.65	8.18	60.1	4.60
SB-E 20 Ft	10/13/2021	20	10.2	7.97	36.5	14.3
SB-F 8 Ft	10/13/2021	8	5.36	8.74	75.9	6.81
SB-F 20 Ft	10/13/2021	20	8.99	8.12	45.7	19.3
BG-1 1 Ft	10/13/2021	1	0.851	7.42	0.837	<0.202
SB-G 1FT	1/10/2022	1	10.1	7.32	53.0	12.8
SB-G 3 Ft	1/10/2022	3	11.5	7.75	50.1	5.28
SB-G 8 Ft	1/10/2022	8	8.93	7.84	33.0	2.69
SB-H 1 Ft	1/10/2022	1	7.61	7.54	47.5	6.26
SB-H 3ft	1/10/2022	3	6.79	7.98	49.3	5.82
SB-H 8ft	1/10/2022	8	4.69	8.35	47.0	3.59
SB-I 1ft	1/10/2022	1	9.07	7.56	75.0	7.56
SB-I 3ft	1/10/2022	3	7.54	8.07	72.8	11.4
SB-I 8ft	1/10/2022	8	7.26	8.18	62.0	4.43
SB-J 1ft	1/10/2022	1	4.18	7.99	31.4	2.63
SB-J 3ft	1/10/2022	3	3.29	8.19	39.6	6.16
SB-J 8ft	1/10/2022	8	2.36	8.68	34.4	2.92
SB-K 1ft	1/10/2022	1	1.89	7.90	21.4	1.85
SB-K 3ft	1/10/2022	3	1.69	8.56	24.2	3.13
SB-K 8ft	1/10/2022	8	3.05	8.27	24.3	1.47
SB-L 1ft	1/10/2022	1	0.703	7.95	3.75	0.742
SB-L 3ft	1/10/2022	3	0.533	8.04	2.34	0.553
SB-L 8ft	1/10/2022	8	1.37	7.39	28.7	3.77
SB-M 1ft	1/10/2022	1	0.520	7.31	3.45	<1.96
SB-M 3ft	1/10/2022	3	0.608	8.25	4.96	1.13
SB-M 8ft	1/10/2022	8	1.20	8.08	5.17	1.21
SB-N 1ft	1/10/2022	1	1.98	6.87	4.04	<1.98
SB-N 3ft	1/10/2022	3	2.93	7.57	2.20	0.482
SB-N 8ft	1/10/2022	8	4.82	7.61	3.59	1.38
SB-O 1ft	1/10/2022	1	6.43	7.74	22.3	1.03
SB-O 3ft	1/10/2022	3	8.17	7.52	8.24	0.476

SAMPLE LOCATION	DATE SAMPLED	DEPTH ft	EC mmhos/cm	pH pH units	SAR units	BORON mg/L
SB-O 8ft	1/10/2022	8	7.76	7.58	6.39	0.694
SB-P 1ft	1/10/2022	1	4.48	8.03	25.4	0.355
SB-P 3ft	1/10/2022	3	10.7	7.47	13.3	0.381
SB-P 8ft	1/10/2022	8	15.6	7.55	13.1	0.871
SB-Background 1ft	1/10/2022	1	0.283	7.69	0.411	<2.02
SB-Background 3ft	1/10/2022	3	0.299	7.98	0.403	0.395
SB-Background 8ft	1/10/2022	8	0.727	8.73	11.3	2.26
SB-Q 1 Ft	2/22/2022	1	0.137	7.49	0.214	0.118
SB-Q 3 Ft	2/22/2022	3	0.246	8.03	0.754	0.380
SB-Q 8 Ft	2/22/2022	8	0.444	8.38	5.17	1.36
SB-R 1 Ft	2/22/2022	1	0.189	8.01	3.28	1.01
SB-R 3 Ft	2/22/2022	3	0.500	8.67	8.34	1.11
SB-R 8 Ft	2/22/2022	8	4.16	7.69	5.30	1.24
SB-S 1 Ft	2/22/2022	1	0.347	7.66	2.68	<1.00
SB-S 3 Ft	2/22/2022	3	0.508	8.53	6.69	0.966
SB-S 8 Ft	2/22/2022	8	3.30	7.91	8.22	1.32
SB-T 1 Ft	2/22/2022	1	0.419	7.68	0.311	0.336
SB-T 3 Ft	2/22/2022	3	0.284	8.23	1.44	0.496
SB-T 8 Ft	2/22/2022	8	2.28	8.15	8.48	1.42
SB-U 1 Ft	2/22/2022	1	0.884	6.43	0.491	<0.987
SB-U 3 Ft	2/22/2022	3	0.378	7.85	0.333	0.239
SB-U 8 Ft	2/22/2022	8	2.16	7.96	8.18	0.904
SB-V 1 Ft	2/22/2022	1	0.555	7.71	0.700	0.321
SB-V 3 Ft	2/22/2022	3	0.296	7.23	0.300	0.340
SB-V 8 Ft	2/22/2022	8	1.67	8.02	6.72	1.45
Table 915-1 Limits			<4	6-8.3	<6	2

Bold face values exceed the COGCC Limits

FIGURES

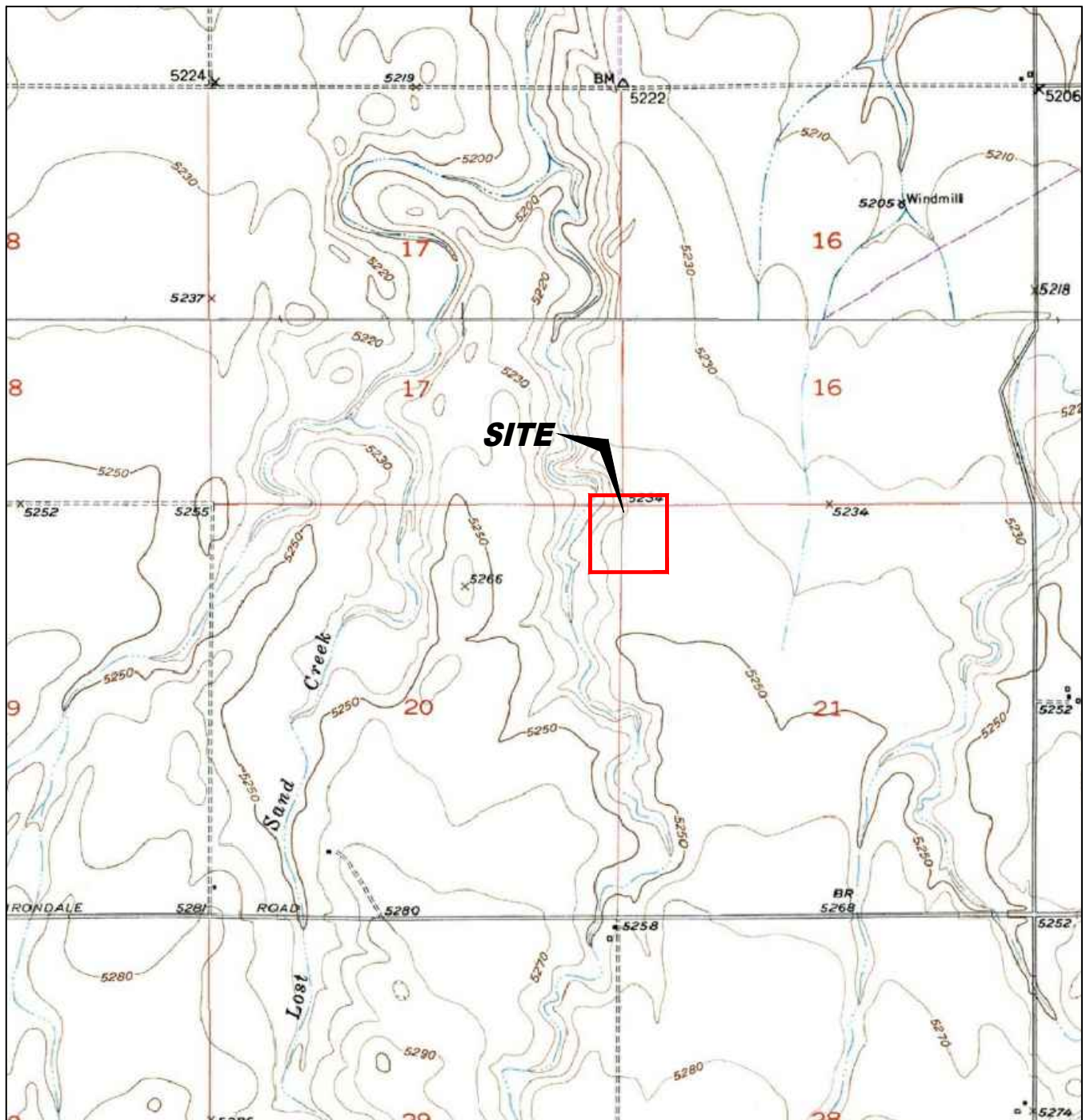


Figure 1
SITE LOCATION MAP

Great Western Operating Company
Champlin 67F
NWNW Sec. 21, T2S, R63W 6th PM
Adams County, Colorado

Project # C021-028	API # 05-001-07202	Facility # 319893
Date 5/2/22	Remediation # 9466	Filename 21028T



USGS 7.5 MINUTE SERIES (TOPOGRAPHIC)



LEGEND

- GEOPROBE BORING LOCATION
- ABOVE GROUND STORAGE TANK
- FORMER FORMER FACILITY
- CONTAINMENT BERM
- CONTAINMENT WALL

Figure 2
SITE MAP

Great Western Operating Company
Champlin 67F
 NWNW Sec. 21, T2S, R63W, 6th PM
 Adams County, Colorado

Project No. C021-028	API # 05-001-07202	Facility # 319893
Date 5/2/22	Remediation # 9466	Filename 21028QSB





LEGEND

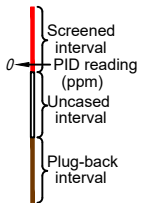
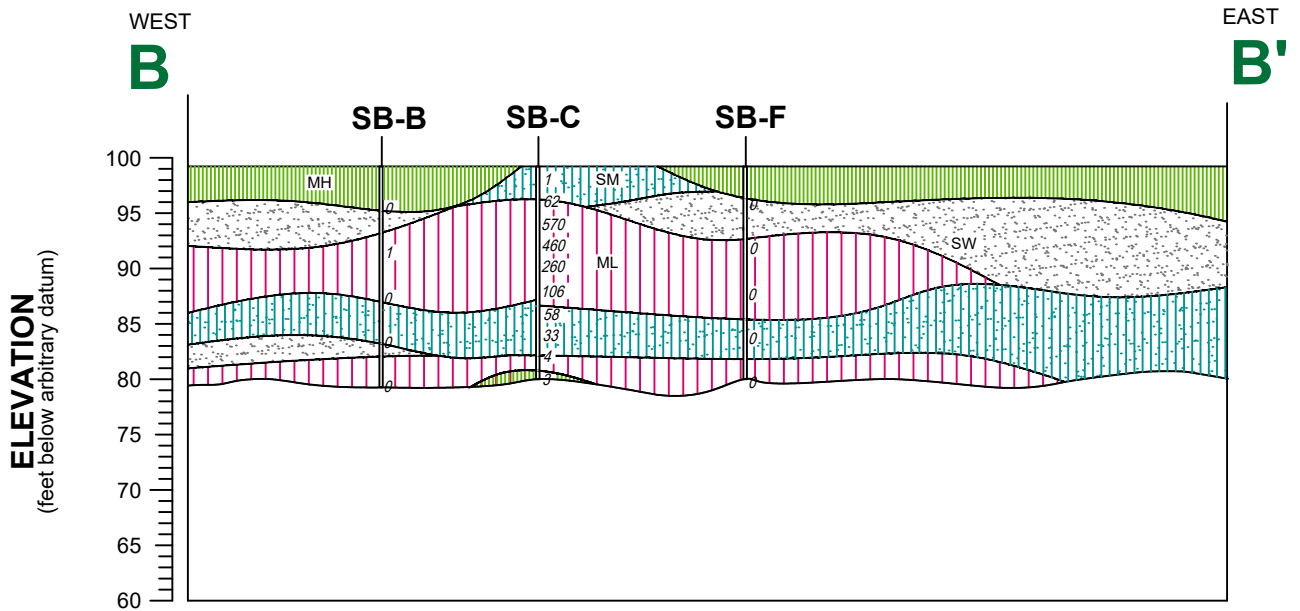
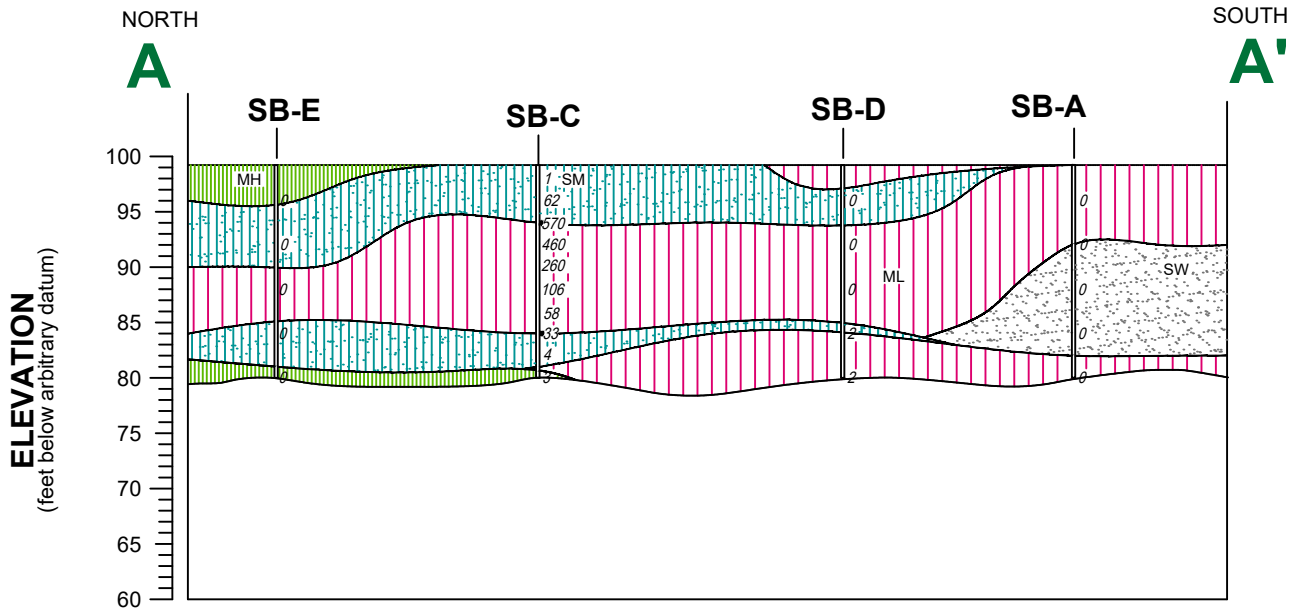
- GEOPROBE BORING LOCATION
- ABOVE GROUND STORAGE TANK
- FORMER FORMER FACILITY
- CONTAINMENT BERM
- CONTAINMENT WALL
- — B — B' CROSS SECTION CUT LINE

Figure 3
CROSS SECTION LAYOUT

Great Western Operating Company
Champlin 67F
 NWNW Sec. 21, T2S, R63W, 6th PM
 Adams County, Colorado

Project No. C021-028	API # 05-001-07202	Facility # 319893
Date 5/2/22	Remediation # 9466	Filename 21028QSB





LEGEND

CH	Clay, high plasticity	SW	Sand, well-graded	FILL	
CL	Clay, low plasticity	SP	Sand, poorly-graded	Asphalt	
MH	Silt, high plasticity	CL-S	Sand, clayey	Concrete	
ML	Silt, low plasticity	SM	Sand silty	Basin fill	
CH-MH	Clay, silty high plasticity	GW	Gravel, well-graded	Claystone	
CL-ML	Clay, silty, low plasticity	GP	Gravel, poorly-graded	Siltstone	
MH-CH	Silt, clayey high plasticity	GC	Gravel, clayey	Shale	
ML-CL	Silt, clayey low plasticity	GM	Gravel, silty	Sandstone	

Figure 4
CROSS SECTIONS

Great Western Operating Company
Champlin 67F
NWNW Sec. 21, T2S, R63W, 6th PM
Adams County, Colorado

Project No. C021-028	API # 05-001-08864	Facility # 320285
Date 5/2/22	Remediation # 9263	Filename 21028X



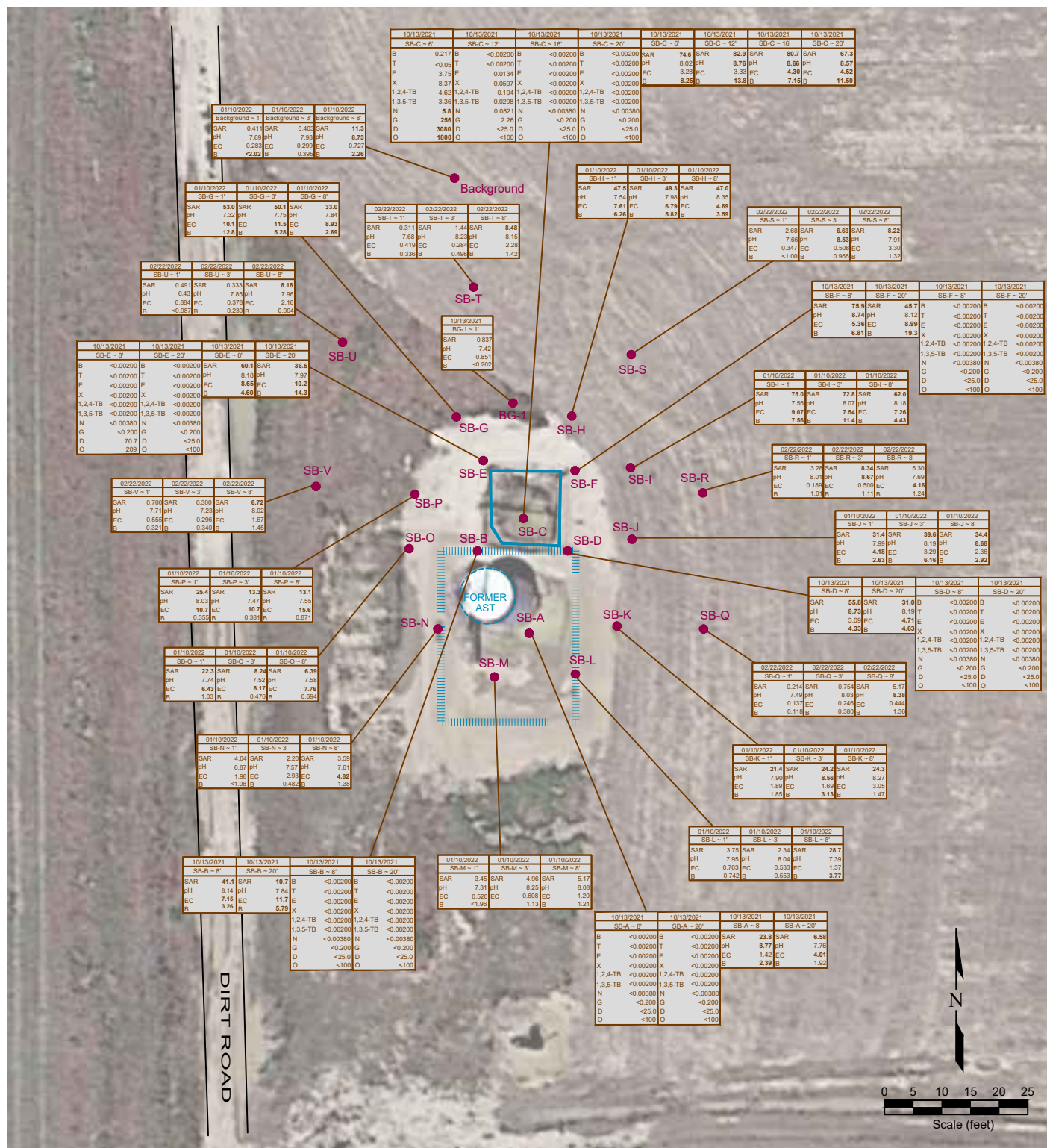


Figure 5
SOIL CHEMISTRY MAP
 October 13, 2021; January 10, 2022; February 22, 2022
 Great Western Operating Company
 Champlin 67F
 NWNW Sec. 21, T2S, R63W, 6th PM
 Adams County, Colorado

Project No. C021-028	API # 05-001-07202	Facility # 319893	
Date 5/3/22	Remediation # 9466	Filename 21028QSB2	



LEGEND

- GEOPROBE BORING LOCATION
- ABOVE GROUND STORAGE TANK
- FORMER FORMER FACILITY
- CONTAINMENT BERM
- CONTAINMENT WALL
- DENOTES SAR IMPACTS AT 8'
- DENOTES SAR IMPACTS AT 1' AND 3'

NOTES: THE APPROXIMATE SQUARE FOOTAGE THAT IS PROPOSED FOR EXCAVATION IS ABOUT 3,500 FT².
A DEEPER EXCAVATION (~10') WOULD BE CONDUCTED AT THE FORMER WATER PIT AND A
SHALLOWER EXCAVATION (TO 3') WOULD BE PERFORMED AROUND THE FORMER WATER PIT.

Figure 6 PROPOSED EXCAVATION AREAS

Great Western Operating Company
Champlin 67F
NWNW Sec. 21, T2S, R63W, 6th PM
Adams County, Colorado

Project No. C021-028	API # 05-001-07202	Facility # 319893
Date 5/17/22	Remediation # 9466	Filename 21028QSB2

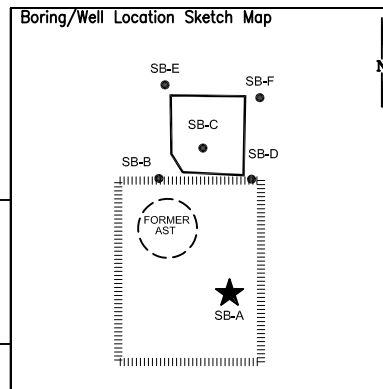


APPENDIX A

BORING LOGS



BORING/WELL CONSTRUCTION LOG



Page 1 of 1

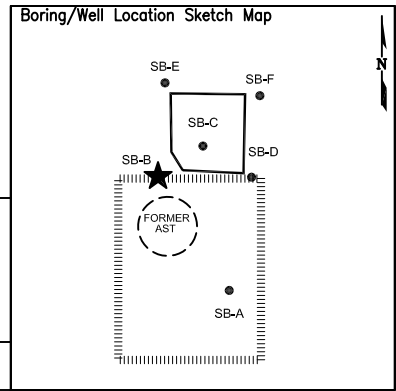
Boring/Well No. SB-A		Total Depth 20'		Location Great Western Operating Company Champlin 67F NWNW Sec. 21, T2S, R63W, 6th PM Adams County, Colorado			
Project No./Name C021-028 / GWOC Champlin 67F				Approved By			
Drilling Contractor/Driller Drill Pro							
Geologist/Office Paul Henehan / Fremont Environmental, Inc.							
Drilling Equipment/Method Geoprobe				Size/Type of Bit 2.5 direct push		Sampling Method direct push	
				Start/Finish Date 10/13/21			
Well Installed? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		Casing Mtrl./Dia.		Screen: Type		Mtrl.	
				Length		Dia.	
Elevation of: (ft. above datum)		Ground Surface		Top of Well Casing		Top of Screen	
				Bottom of Screen		Ground Water Surface/Date Measured	

DEPTH (feet)	WELL CONSTRUCTION				LITHOLOGY		Penetration Rate (blows/6")	Recovery (%)	Sample Interval (feet)	PID Values (ppm)
					GRAPHIC LOG	VISUAL DESCRIPTION				
5					ML	Firm sandy silt, dry, brown, no stain, no odor				
						Firm sandy silt, dry, brown, no stain, no odor				0
10					SW	Silty fine sand, dry, brown, no stain, no odor				0
						Silty fine sand, dry, brown, no stain, no odor				0
15					ML	Silty fine sand to 18' then sandy silt				0
20						TD 20'				0

*backfill with bentonite



BORING/WELL CONSTRUCTION LOG



Page 1 of 1

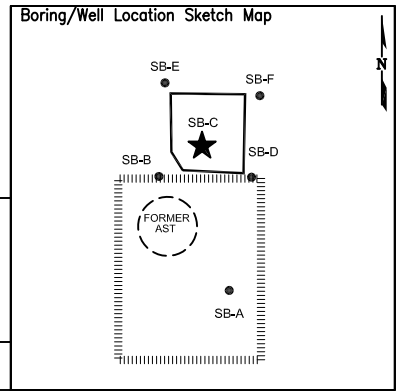
Boring/Well No. SB-B	Total Depth 20'	Location Great Western Operating Company Champlin 67F NWNW Sec. 21, T2S, R63W, 6th PM Adams County, Colorado			
Project No./Name C021-028 / GWOC Champlin 67F		Approved By			
Drilling Contractor/Driller Drill Pro					
Geologist/Office Paul Henehan / Fremont Environmental, Inc.					
Drilling Equipment/Method Geoprobe		Size/Type of Bit 2.5 direct push	Sampling Method direct push	Start/Finish Date 10/13/21	
Well Installed? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		Casing Mtrl./Dia.	Screen: Type	Mtrl.	Length
Elevation of: (ft. above datum)		Ground Surface	Top of Well Casing	Top of Screen	Bottom of Screen
					Ground Water Surface/Date Measured

DEPTH (feet)	WELL CONSTRUCTION				LITHOLOGY		Penetration Rate (blows/6")	Recovery (%)	Sample Interval (feet)	PID Values (ppm)
					GRAPHIC LOG	VISUAL DESCRIPTION				
5					ML	Firm sandy silt, dry, brown, no stain, no odor				0
					SW	Silty fine sand, dry, brown, no stain, no odor				
10					ML	Sandy silt, brown, dry, no stain, no odor				1
						Sandy silt, brown, dry, no stain, no odor				0
15					SW	Silty fine sand to 18' then sandy silt, moist, brown, no stain, no odor				0
					ML					
20						TD 20'				0

*backfill with bentonite



BORING/WELL CONSTRUCTION LOG



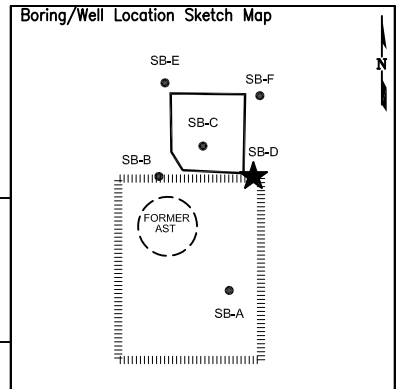
Page 1 of 1

Boring/Well No. SB-C		Total Depth 20'	Location Great Western Operating Company Champlin 67F NWNW Sec. 21, T2S, R63W, 6th PM Adams County, Colorado			
Project No./Name C021-028 / GWOC Champlin 67F			Approved By			
Drilling Contractor/Driller Drill Pro						
Geologist/Office Paul Henehan / Fremont Environmental, Inc.						
Drilling Equipment/Method Geoprobe			Size/Type of Bit 2.5 direct push	Sampling Method direct push	Start/Finish Date 10/13/21	
Well Installed? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		Casing Mtrl./Dia.	Screen: Type	Mtrl.	Length	Dia.
Elevation of: (ft. above datum)		Ground Surface	Top of Well Casing	Top of Screen	Bottom of Screen	Ground Water Surface/Date Measured

DEPTH (feet)	WELL CONSTRUCTION				LITHOLOGY		Penetration Rate (blows/6")	Recovery (%)	Sample Interval (feet)	PID Values (ppm)
					GRAPHIC LOG	VISUAL DESCRIPTION				
5					SM	Silty sand, brown, to 3.8' then dark gray with strong odor				1
										62
						Silty sand, gray with moderate odor				570
										460
10					ML	Sandy silt, moderate plasticity, light gray, moderate odor				260
										106
										58
										33
15					ML	Firmer sandy silt, light gray, light odor, low plasticity				4
20					SM	Silty sand to 19' then sandy silt, brown, moist, no stain, no odor				
					ML	TD 20'				3

*backfill with bentonite

BORING/WELL CONSTRUCTION LOG



Page 1 of 1

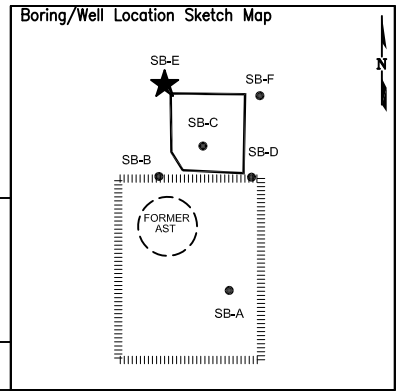
Boring/Well No. SB-D		Total Depth 20'	Location Great Western Operating Company Champlin 67F NWNW Sec. 21, T2S, R63W, 6th PM Adams County, Colorado			
Project No./Name C021-028 / GWOC Champlin 67F			Approved By			
Drilling Contractor/Driller Drill Pro			Geologist/Office Paul Henehan / Fremont Environmental, Inc.			
Drilling Equipment/Method Geoprobe			Size/Type of Bit 2.5 direct push	Sampling Method direct push	Start/Finish Date 10/13/21	
Well Installed? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		Casing Mtrl./Dia.	Screen: Type	Mtrl.	Length	Dia.
Elevation of: (ft. above datum)		Ground Surface	Top of Well Casing	Top of Screen	Bottom of Screen	Ground Water Surface/Date Measured

DEPTH (feet)	WELL CONSTRUCTION				LITHOLOGY		Penetration Rate (blows/6")	Recovery (%)	Sample Interval (feet)	PID Values (ppm)
					GRAPHIC LOG	VISUAL DESCRIPTION				
5					ML	Sandy silt, moderate plasticity, brown, moist, no stain, no odor				0
					SM	Silty sand to 6' then sandy silt, brown, moist, no stain, no odor				
					ML	Sandy silt, brown, moist, no stain, no odor				0
					ML	Sandy silt to 15' then silty sand, brown, no stain, no odor				4
15					SM	Sandy silt, brown, no stain, no odor				2
					ML					
					ML					
					ML					
20					TD 20'					2

*backfill with bentonite



BORING/WELL CONSTRUCTION LOG



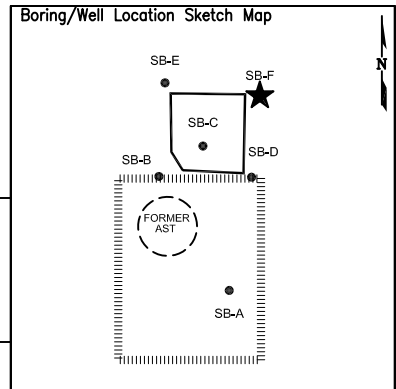
Page 1 of 1

Boring/Well No. SB-E		Total Depth 20'		Location Great Western Operating Company Champlin 67F NWNW Sec. 21, T2S, R63W, 6th PM Adams County, Colorado			
Project No./Name C021-028 / GWOC Champlin 67F				Approved By			
Drilling Contractor/Driller Drill Pro							
Geologist/Office Paul Henehan / Fremont Environmental, Inc.							
Drilling Equipment/Method Geoprobe				Size/Type of Bit 2.5 direct push		Sampling Method direct push	
						Start/Finish Date 10/13/21	
Well Installed? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		Casing Mtrl./Dia.		Screen: Type		Mtrl.	
				Length		Dia.	
Elevation of: (ft. above datum)		Ground Surface		Top of Well Casing		Top of Screen	
				Bottom of Screen		Ground Water Surface/Date Measured	

DEPTH (feet)	WELL CONSTRUCTION				LITHOLOGY		Penetration Rate (blows/6")	Recovery (%)	Sample Interval (feet)	PID Values (ppm)
					GRAPHIC LOG	VISUAL DESCRIPTION				
5					ML	Firm sandy silt, brown, dry, no stain, no odor				0
					SM	Silty sand, brown, dry, no stain, no odor				0
						Silty sand to 10' then sandy silt, brown, dry, no stain, no odor				0
					ML	Sandy silt, brown, moist, no stain, no odor				0
15										0
					SM	Silty sand to 19' then firm sandy silt, brown, dry, no stain, no odor				0
					ML					
20						TD 20'				0

*backfill with bentonite

BORING/WELL CONSTRUCTION LOG



Page 1 of 1

Boring/Well No. SB-F		Total Depth 20'	Location Great Western Operating Company Champlin 67F NWNW Sec. 21, T2S, R63W, 6th PM Adams County, Colorado			
Project No./Name C021-028 / GWOC Champlin 67F			Approved By			
Drilling Contractor/Driller Drill Pro			Geologist/Office Paul Henehan / Fremont Environmental, Inc.			
Drilling Equipment/Method Geoprobe			Size/Type of Bit 2.5 direct push		Sampling Method direct push	Start/Finish Date 10/13/21
Well Installed? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		Casing Mtrl./Dia.	Screen: Type	Mtrl.	Length	Dia.
Elevation of: (ft. above datum)		Ground Surface	Top of Well Casing	Top of Screen	Bottom of Screen	Ground Water Surface/Date Measured

DEPTH (feet)	WELL CONSTRUCTION				LITHOLOGY		Penetration Rate (blows/6")	Recovery (%)	Sample Interval (feet)	PID Values (ppm)
					GRAPHIC LOG	VISUAL DESCRIPTION				
5					ML	Firm sandy silt, dry, brown, no stain, no odor				
					SW	Silty fine sand, brown, dry, no stain, no odor				
10						Silty fine sand to 10' then sandy silt, brown, dry, no stain, no odor				
					ML	Sandy silt to 14' then silty sand, dry, brown, no stain, no odor				
15					SM	Silty sand to 18' then sandy silt, dry, brown, no stain, no odor				
					ML					
20						TD 20'				

*backfill with bentonite

APPENDIX B

LABORATORY DOCUMENTATION



October 28, 2021

Fremont Environmental

Paul Henehan

8305 6th St, PO Box 1289

Wellington CO 80549

Project Name - GWOC - Champlin 67

Project Number - [none]

Attached are your analytical results for GWOC - Champlin 67 received by Origins Laboratory, Inc. October 13, 2021. This project is associated with Origins project number Y110287-01.

The analytical results in the following report were analyzed under the guidelines of EPA Methods. These methods are identified as follows; "SW" are defined in SW-846, "EPA" are defined in 40CFR part 136 and "SM" are defined in the most current revision of Standard Methods For the Examination of Water and Wastewater.

The analytical results apply specifically to the samples and analyses specified per the attached Chain of Custody. As such, this report shall not be reproduced except in full, without the written approval of Origin's laboratory.

Unless otherwise noted, the analytical results for all soil samples are reported on a wet weight basis. All analytical analyses were performed under NELAP guidelines unless noted by a data qualifier.

Any holding time exceedances, deviations from the method specifications or deviations from Origins Laboratory's Standard Operating Procedures are outlined in the case narrative.

Thank you for selecting Origins for your analytical needs. Please contact us with any questions concerning this report, or if we can help with anything at all.

Origins Laboratory, Inc.
303.433.1322
o-squad@oelabinc.com



1725 Elk Place, Denver, CO 80211 | Phone: 303.433.1322 | Fax: 303.265.9645

Fremont Environmental
8305 6th St, PO Box 1289
Wellington CO 80549

Paul Henehan
Project Number: [none]
Project: GWOC - Champlin 67

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SB-A 8 FT	Y110287-01	Soil	October 13, 2021 0:00	10/13/2021 13:55
SB-A 20 FT	Y110287-02	Soil	October 13, 2021 0:00	10/13/2021 13:55
SB-B 8 FT	Y110287-03	Soil	October 13, 2021 0:00	10/13/2021 13:55
SB-B 20 FT	Y110287-04	Soil	October 13, 2021 0:00	10/13/2021 13:55
SB-C 6 FT	Y110287-05	Soil	October 13, 2021 0:00	10/13/2021 13:55
SB-C 12 FT	Y110287-06	Soil	October 13, 2021 0:00	10/13/2021 13:55
SB-C 16 FT	Y110287-07	Soil	October 13, 2021 0:00	10/13/2021 13:55
SB-D 8 FT	Y110287-08	Soil	October 13, 2021 0:00	10/13/2021 13:55
SB-D 20 FT	Y110287-09	Soil	October 13, 2021 0:00	10/13/2021 13:55
SB-E 8 FT	Y110287-10	Soil	October 13, 2021 0:00	10/13/2021 13:55
SB-E 20 FT	Y110287-11	Soil	October 13, 2021 0:00	10/13/2021 13:55
SB-F 8 FT	Y110287-12	Soil	October 13, 2021 0:00	10/13/2021 13:55
SB-F 20 FT	Y110287-13	Soil	October 13, 2021 0:00	10/13/2021 13:55
BG-1 1 FT	Y110287-14	Soil	October 13, 2021 0:00	10/13/2021 13:55

Origins Laboratory, Inc.



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.

Fremont Environmental

8305 6th St, PO Box 1289

Wellington CO 80549

Paul Henehan

Project Number: [none]

Project: GWOC - Champlin 67

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SB-C 20FT	Y110287-15	Soil	October 13, 2021 0:00	10/13/2021 13:55

Origins Laboratory, Inc.



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.

Fremont Environmental
8305 6th St, PO Box 1289
Wellington CO 80549

Paul Henehan
Project Number: [none]
Project: GWOC - Champlin 67

4110287

page 1 of 2

Client:	Fremont Environmental Inc.	Project Manager:	Henehan
Address:		Project Name:	GWOC - CHAMPLIN 67
Telephone Number:		Project Number:	
Email Address:		Samples Collected By:	HENEHAN

Sample ID Description	Date Sampled	Time Sampled	# of Containers	Preservative				Matrix		Analysis				Sample Instructions						
				Unpreserved	HCl	HNO ₃	Other	Groundwater	Soil	At Summa Container #	Other	DR/ORO	PAHs		pH, EC, SAR	Boron	915 metals	Aromatic	STEXN+TMBS	TDS, Cl, S ₂
SB-A 8 FT	10/13/21		2	✓				✓		✓										1
SB-A 20 FT																				2
SB-B 8 FT																				3
SB-B 20 FT																				4
SB-C 6 FT																				5
SB-C 12 FT																				6
SB-C 16 FT																				7
SB-D 8 FT																				8
SB-D 20 FT																				9
SB-E 8 FT																				10

Relinquished By: [Signature] Date: 10/13/21 Time: 13:50
Relinquished By: [Signature] Date: 10/13/21 Time: 13:50

Turnaround Time: Same Day ☐ 24 Hr ☐ 48 Hr ☐ 72 Hr ☐ Standard ☒

17.1 Date Results Needed

Origins Laboratory, Inc.

[Signature]

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.

Fremont Environmental

8305 6th St, PO Box 1289

Wellington CO 80549

Paul Henehan

Project Number: [none]

Project: GWOC - Champlin 67

www.originslaboratory.com

page 2 of 2

41102287

ORIGINS
LABORATORY, INC

Client: Fremont Environmental Inc.
Address:
Telephone Number:
Email Address:

Project Manager: Henehan
Project Name: GWOC - Champlin
Project Number:
Samples Collected By: HENEHAN

Fax: 303.265.9645

Sample ID Description	Date Sampled	Time Sampled	# of Containers	Preservative			Matrix			Analysis			Sample Instructions							
				Unpreserved	HCl	HNO ₃	Other	Groundwater	Soil	At Summ	Other	GTENX+TMBs		DRO/ORO	PAHs	PFL, BCSAR	Boron	915 metals	Artemic	RTXN+TMBs
SB-E 20 FT	10/13/21		2																	1
SB-F 8 FT			2																	2
SB-F 20 FT			2																	3
BG-L 1 FT			1																	4
SB-C 20 FT	10/13/21		2																	5
Salvage added																				6
per Huls email on 10/13/21																				7
																				8
																				9
																				10

Relinquished By: [Signature] Date: 10/13/21 Time: 15:00 Same Day: ☒ 24 Hr: ☐ 48 Hr: ☐ 72 Hr: ☐ Standard: ☒

Received By: [Signature] Date: 10/13/21 Time: 15:00 Same Day: ☒ 24 Hr: ☐ 48 Hr: ☐ 72 Hr: ☐ Standard: ☒

Date Results Needed

17.6

Origins Laboratory, Inc.

[Signature]

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.

Fremont Environmental

8305 6th St, PO Box 1289

Wellington CO 80549

Paul Henehan

Project Number: [none]

Project: GWOC - Champlin 67

Origins Laboratory

F-012207-01-R1

Effective Date: 01/09/12

Sample Receipt Checklist

Origins Work Order: Y110287

Client: Fremont

Client Project ID: GWOC - Champlin

Checklist Completed by: jm

Shipped Via: HD

Date/time completed: 10-13-21

(UPS, FedEx, Hand Delivered, Pick-up, etc.)

Airbill #: N/A

Matrix(s) Received: (Check all that apply): ☒ Soil/Solid ☐ Water ☐ Other: _____

Cooler Number/Temperature: 1 RT-UC / _____ °C / _____ °C (Describe) _____ °C

Thermometer ID: T003

Requirement Description	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature between 0°C to ≤ 6°C ⁽¹⁾ ?		<input checked="" type="checkbox"/>		Same day
Is there ice present (document if blue ice is used)	<input checked="" type="checkbox"/>			
Are custody seals present on cooler? (if so, document in comments if they are signed and dated, broken or intact)		<input checked="" type="checkbox"/>		
Are custody seals present on each sample container? (if so, document in comments if they are signed and dated, broken or intact)		<input checked="" type="checkbox"/>		
Were all samples received intact ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Was adequate sample volume provided ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Are short holding time analytes or samples with HTs due within 48 hours present ⁽¹⁾ ?		<input checked="" type="checkbox"/>		
Is a chain-of-custody (COC) present and filled out completely ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		no sample times
Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Is the COC properly relinquished by the client with date and time recorded ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
For volatiles in water – is there headspace (> ¼ inch bubble) present? If yes, contact client and note in narrative.			<input checked="" type="checkbox"/>	
Are samples preserved that require preservation and was it checked ⁽¹⁾ ? (note ID of confirmation instrument used in comments) / (preservation is not confirmed for subcontracted analyses in order to insure sample integrity)/(pH < 2 for samples preserved with HNO ₃ , HCL, H ₂ SO ₄) / (pH > 10 for samples preserved with NaAsO ₂ +NaOH, ZnAc+NaOH)			<input checked="" type="checkbox"/>	
Additional Comments (if any): <u>extra sample added to COC per Paul's email, same tests as other SB-C samples</u>				

⁽¹⁾if NO, then contact the client before proceeding with analysis and note date/time and person contacted as well as the corrective action to in the additional comments (above) and the case narrative.

Reviewed by (Project Manager) jm

Date/Time Reviewed 10-14-21

Origins Laboratory, Inc.

Jordan A. Merrill

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.

Fremont Environmental
8305 6th St, PO Box 1289
Wellington CO 80549

Paul Henehan
Project Number: [none]
Project: GWOC - Champlin 67

SB-A 8 FT

10/13/2021 12:00:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
---------	--------	-----------------	-------	----------	-------	---------	----------	----------	-------

Origins Laboratory, Inc. Y110287-01 (Soil)

Boron (DTPA Sorbitol)

Boron	2.39	0.201	mg/L	1	B1J2513	KAP	10/25/2021	10/26/2021	
-------	------	-------	------	---	---------	-----	------------	------------	--

DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B1J1305	EPC	10/13/2021	10/13/2021	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	EPC	"	"	U

Surrogate: o-Terphenyl	66.0 %	50-150			"	"	"	
------------------------	--------	--------	--	--	---	---	---	--

GBTEX+TMBs

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B1J1301	KDK	10/13/2021	10/18/2021	U
Naphthalene	ND	0.00380	"	"	"	KDK	"	"	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	KDK	"	"	U
Benzene	ND	0.00200	"	"	"	KDK	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	KDK	"	"	U
Toluene	ND	0.00200	"	"	"	KDK	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	KDK	"	"	U
Xylenes, total	ND	0.00200	"	"	"	KDK	"	"	U

Surrogate: 1,2-Dichloroethane-d4	99.3 %	70-130			"	"	"
Surrogate: Toluene-d8	109 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	100 %	70-130			"	"	"

Origins Laboratory, Inc.



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.

Fremont Environmental
8305 6th St, PO Box 1289
Wellington CO 80549

Paul Henehan
Project Number: [none]
Project: GWOC - Champlin 67

SB-A 8 FT

10/13/2021 12:00:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
---------	--------	-----------------	-------	----------	-------	---------	----------	----------	-------

Origins Laboratory, Inc. Y110287-01 (Soil)

Metals by Saturated Paste

Calcium	ND	0.499	meq/L	10	[CALC]	KAP	10/25/2021	10/26/2021
Magnesium	ND	0.823	"	"	"	KAP	"	"
Sodium	14.4	0.435	"	"	"	KAP	"	"

pH in Soil by 9045D

pH	8.77		pH Units	1	B1J2602	ACC	10/26/2021	10/26/2021
----	------	--	----------	---	---------	-----	------------	------------

SAR by 20B Saturated Paste

SAR	23.8		SAR	1	B1J2514	KAP	10/25/2021	10/26/2021
-----	------	--	-----	---	---------	-----	------------	------------

Specific Conductance Mod. 9050A

Specific Conductance (EC)	1.42	0.00500	mmhos/cm	1	B1J2601	ACC	10/26/2021	10/26/2021
---------------------------	------	---------	----------	---	---------	-----	------------	------------

Origins Laboratory, Inc.



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.

Fremont Environmental
8305 6th St, PO Box 1289
Wellington CO 80549

Paul Henehan
Project Number: [none]
Project: GWOC - Champlin 67

SB-A 20 FT
10/13/2021 12:00:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
---------	--------	-----------------	-------	----------	-------	---------	----------	----------	-------

Origins Laboratory, Inc.
Y110287-02 (Soil)

Boron (DTPA Sorbitol)

Boron	1.92	0.198	mg/L	1	B1J2513	KAP	10/25/2021	10/26/2021	
-------	------	-------	------	---	---------	-----	------------	------------	--

DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B1J1305	EPC	10/13/2021	10/13/2021	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	EPC	"	"	U

Surrogate: o-Terphenyl	64.9 %	50-150			"	"	"	
------------------------	--------	--------	--	--	---	---	---	--

GBTEX+TMBs

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B1J1301	KDK	10/13/2021	10/18/2021	U
Naphthalene	ND	0.00380	"	"	"	KDK	"	"	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	KDK	"	"	U
Benzene	ND	0.00200	"	"	"	KDK	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	KDK	"	"	U
Toluene	ND	0.00200	"	"	"	KDK	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	KDK	"	"	U
Xylenes, total	ND	0.00200	"	"	"	KDK	"	"	U

Surrogate: 1,2-Dichloroethane-d4	107 %	70-130			"	"	"	
Surrogate: Toluene-d8	107 %	70-130			"	"	"	
Surrogate: 4-Bromofluorobenzene	98.5 %	70-130			"	"	"	

Origins Laboratory, Inc.



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.

Fremont Environmental

8305 6th St, PO Box 1289

Wellington CO 80549

Paul Henehan

Project Number: [none]

Project: GWOC - Champlin 67

SB-A 20 FT

10/13/2021 12:00:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
---------	--------	-----------------	-------	----------	-------	---------	----------	----------	-------

Origins Laboratory, Inc. Y110287-02 (Soil)

Metals by Saturated Paste

Calcium	12.2	0.499	meq/L	10	[CALC]	KAP	10/25/2021	10/26/2021
Magnesium	7.01	0.823	"	"	"	KAP	"	"
Sodium	20.4	0.435	"	"	"	KAP	"	"

pH in Soil by 9045D

pH	7.76		pH Units	1	B1J2602	ACC	10/26/2021	10/26/2021
----	------	--	----------	---	---------	-----	------------	------------

SAR by 20B Saturated Paste

SAR	6.58		SAR	1	B1J2514	KAP	10/25/2021	10/26/2021
-----	------	--	-----	---	---------	-----	------------	------------

Specific Conductance Mod. 9050A

Specific Conductance (EC)	4.01	0.00500	mmhos/cm	1	B1J2601	ACC	10/26/2021	10/26/2021
---------------------------	------	---------	----------	---	---------	-----	------------	------------

Origins Laboratory, Inc.

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.

Fremont Environmental
8305 6th St, PO Box 1289
Wellington CO 80549

Paul Henehan
Project Number: [none]
Project: GWOC - Champlin 67

SB-B 8 FT

10/13/2021 12:00:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc. Y110287-03 (Soil)

Boron (DTPA Sorbitol)

Boron	3.26	0.201	mg/L	1	B1J2513	KAP	10/25/2021	10/26/2021	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B1J1305	EPC	10/13/2021	10/13/2021	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	EPC	"	"	U

Surrogate: o-Terphenyl	75.3 %	50-150			"	"	"	
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GBTEX+TMBs

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B1J1301	KDK	10/13/2021	10/18/2021	U
Naphthalene	ND	0.00380	"	"	"	KDK	"	"	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	KDK	"	"	U
Benzene	ND	0.00200	"	"	"	KDK	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	KDK	"	"	U
Toluene	ND	0.00200	"	"	"	KDK	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	KDK	"	"	U
Xylenes, total	ND	0.00200	"	"	"	KDK	"	"	U

Surrogate: 1,2-Dichloroethane-d4	99.0 %	70-130			"	"	"
Surrogate: Toluene-d8	110 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	100 %	70-130			"	"	"

Origins Laboratory, Inc.



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Fremont Environmental
8305 6th St, PO Box 1289
Wellington CO 80549

Paul Henehan
Project Number: [none]
Project: GWOC - Champlin 67

SB-B 8 FT

10/13/2021 12:00:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc. Y110287-03 (Soil)

Metals by Saturated Paste

Calcium	2.39	0.499	meq/L	10	[CALC]	KAP	10/25/2021	10/26/2021
Magnesium	2.01	0.823	"	"	"	KAP	"	"
Sodium	60.7	0.435	"	"	"	KAP	"	"

pH in Soil by 9045D

pH	8.14		pH Units	1	B1J2602	ACC	10/26/2021	10/26/2021
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SAR by 20B Saturated Paste

SAR	41.1		SAR	1	B1J2514	KAP	10/25/2021	10/26/2021
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	7.15	0.00500	mmhos/cm	1	B1J2601	ACC	10/26/2021	10/26/2021
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Origins Laboratory, Inc.



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Fremont Environmental
8305 6th St, PO Box 1289
Wellington CO 80549

Paul Henehan
Project Number: [none]
Project: GWOC - Champlin 67

SB-B 20 FT
10/13/2021 12:00:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y110287-04 (Soil)

Boron (DTPA Sorbitol)

Boron	5.79	0.198	mg/L	1	B1J2513	KAP	10/25/2021	10/26/2021	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B1J1305	EPC	10/13/2021	10/13/2021	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	EPC	"	"	U

Surrogate: o-Terphenyl	69.8 %	50-150			"	"	"	
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GBTEX+TMBs

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B1J1301	KDK	10/13/2021	10/18/2021	U
Naphthalene	ND	0.00380	"	"	"	KDK	"	"	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	KDK	"	"	U
Benzene	ND	0.00200	"	"	"	KDK	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	KDK	"	"	U
Toluene	ND	0.00200	"	"	"	KDK	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	KDK	"	"	U
Xylenes, total	ND	0.00200	"	"	"	KDK	"	"	U

Surrogate: 1,2-Dichloroethane-d4	97.8 %	70-130			"	"	"
Surrogate: Toluene-d8	108 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	99.9 %	70-130			"	"	"

Origins Laboratory, Inc.



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Fremont Environmental
8305 6th St, PO Box 1289
Wellington CO 80549

Paul Henehan
Project Number: [none]
Project: GWOC - Champlin 67

SB-B 20 FT
10/13/2021 12:00:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y110287-04 (Soil)

Metals by Saturated Paste

Calcium	1.36	0.499	meq/L	10	[CALC]	KAP	10/25/2021	10/26/2021
Magnesium	ND	0.823	"	"	"	KAP	"	"
Sodium	10.0	0.435	"	"	"	KAP	"	"

pH in Soil by 9045D

pH	7.84		pH Units	1	B1J2602	ACC	10/26/2021	10/26/2021
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SAR by 20B Saturated Paste

SAR	10.7		SAR	1	B1J2514	KAP	10/25/2021	10/26/2021
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	11.7	0.00500	mmhos/cm	1	B1J2601	ACC	10/26/2021	10/26/2021
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Origins Laboratory, Inc.



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Fremont Environmental
8305 6th St, PO Box 1289
Wellington CO 80549

Paul Henehan
Project Number: [none]
Project: GWOC - Champlin 67

SB-C 6 FT

10/13/2021 12:00:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc. Y110287-05 (Soil)

Boron (DTPA Sorbitol)

Boron	8.25	0.201	mg/L	1	B1J1308	KAP	10/13/2021	10/14/2021
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	3080	25.0	mg/kg	1	B1J1305	EPC	10/13/2021	10/13/2021
Residual Range Organics (C28-C40)	1800	100	"	"	"	EPC	"	"

Surrogate: o-Terphenyl	164 %	50-150			"	"	"	S-04
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GBTEX+TMBs

1,2,4-Trimethylbenzene	4.62	0.500	mg/kg	250	B1J1301	KDK	10/13/2021	10/20/2021
Naphthalene	5.80	0.250	"	25	"	KDK	"	10/18/2021
1,3,5-Trimethylbenzene	3.36	0.0500	"	"	"	KDK	"	"
Benzene	0.217	0.0500	"	"	"	KDK	"	"
Ethylbenzene	3.75	0.0500	"	"	"	KDK	"	"
Toluene	ND	0.0500	"	"	"	KDK	"	" R-01, U
Gasoline Range Hydrocarbons	256	50.0	"	250	"	KDK	"	10/20/2021
Xylenes, total	8.37	0.500	"	"	"	KDK	"	"

Surrogate: 1,2-Dichloroethane-d4	95.2 %	70-130			"	"	10/18/2021
Surrogate: Toluene-d8	111 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	124 %	70-130			"	"	"

Metals by Saturated Paste

Origins Laboratory, Inc.



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Fremont Environmental
8305 6th St, PO Box 1289
Wellington CO 80549

Paul Henehan
Project Number: [none]
Project: GWOC - Champlin 67

SB-C 6 FT

10/13/2021 12:00:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc. Y110287-05 (Soil)

Metals by Saturated Paste

Calcium	ND	0.499	meq/L	10	[CALC]	KAP	10/13/2021	10/14/2021
Magnesium	ND	0.823	"	"	"	KAP	"	"
Sodium	37.9	0.435	"	"	"	KAP	"	"

pH in Soil by 9045D

pH	8.02		pH Units	1	B1J1313	AHK	10/13/2021	10/14/2021
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SAR by 20B Saturated Paste

SAR	74.6		SAR	1	B1J1311	KAP	10/13/2021	10/14/2021
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	3.28	0.00500	mmhos/cm	1	B1J1312	AHK	10/13/2021	10/14/2021
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Origins Laboratory, Inc.



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Fremont Environmental
8305 6th St, PO Box 1289
Wellington CO 80549

Paul Henehan
Project Number: [none]
Project: GWOC - Champlin 67

SB-C 12 FT
10/13/2021 12:00:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y110287-06 (Soil)

Boron (DTPA Sorbitol)

Boron	13.8	0.201	mg/L	1	B1J1308	KAP	10/13/2021	10/14/2021	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B1J1305	EPC	10/13/2021	10/14/2021	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	EPC	"	"	U

Surrogate: o-Terphenyl	66.0 %	50-150			"	"	"	
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GBTEX+TMBs

1,2,4-Trimethylbenzene	0.104	0.00200	mg/kg	1	B1J1301	KDK	10/13/2021	10/18/2021	
Naphthalene	0.0821	0.0100	"	"	"	KDK	"	"	
1,3,5-Trimethylbenzene	0.0298	0.00200	"	"	"	KDK	"	"	
Benzene	ND	0.00200	"	"	"	KDK	"	"	U
Ethylbenzene	0.0134	0.00200	"	"	"	KDK	"	"	
Toluene	ND	0.00200	"	"	"	KDK	"	"	U
Gasoline Range Hydrocarbons	2.26	0.200	"	"	"	KDK	"	"	
Xylenes, total	0.0597	0.00200	"	"	"	KDK	"	"	

Surrogate: 1,2-Dichloroethane-d4	103 %	70-130			"	"	"	
Surrogate: Toluene-d8	101 %	70-130			"	"	"	
Surrogate: 4-Bromofluorobenzene	93.9 %	70-130			"	"	"	

Origins Laboratory, Inc.



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Fremont Environmental
8305 6th St, PO Box 1289
Wellington CO 80549

Paul Henehan
Project Number: [none]
Project: GWOC - Champlin 67

SB-C 12 FT
10/13/2021 12:00:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y110287-06 (Soil)

Metals by Saturated Paste

Calcium	ND	0.499	meq/L	10	[CALC]	KAP	10/13/2021	10/14/2021
Magnesium	ND	0.823	"	"	"	KAP	"	"
Sodium	33.1	0.435	"	"	"	KAP	"	"

pH in Soil by 9045D

pH	8.76		pH Units	1	B1J1313	AHK	10/13/2021	10/14/2021
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SAR by 20B Saturated Paste

SAR	82.9		SAR	1	B1J1311	KAP	10/13/2021	10/14/2021
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	3.33	0.00500	mmhos/cm	1	B1J1312	AHK	10/13/2021	10/14/2021
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Origins Laboratory, Inc.



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Fremont Environmental
8305 6th St, PO Box 1289
Wellington CO 80549

Paul Henehan
Project Number: [none]
Project: GWOC - Champlin 67

SB-C 16 FT
10/13/2021 12:00:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y110287-07 (Soil)

Boron (DTPA Sorbitol)

Boron	7.15	0.199	mg/L	1	B1J1308	KAP	10/13/2021	10/14/2021	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B1J1305	EPC	10/13/2021	10/14/2021	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	EPC	"	"	U

Surrogate: o-Terphenyl	70.1 %	50-150			"	"	"	
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GBTEX+TMBs

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B1J1301	KDK	10/13/2021	10/18/2021	U
Naphthalene	ND	0.00380	"	"	"	KDK	"	10/20/2021	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	KDK	"	10/18/2021	U
Benzene	ND	0.00200	"	"	"	KDK	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	KDK	"	"	U
Toluene	ND	0.00200	"	"	"	KDK	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	KDK	"	"	U
Xylenes, total	ND	0.00200	"	"	"	KDK	"	"	U

Surrogate: 1,2-Dichloroethane-d4	95.9 %	70-130			"	"	"
Surrogate: Toluene-d8	109 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	99.6 %	70-130			"	"	"

Origins Laboratory, Inc.



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Fremont Environmental

8305 6th St, PO Box 1289

Wellington CO 80549

Paul Henehan

Project Number: [none]

Project: GWOC - Champlin 67

SB-C 16 FT

10/13/2021 12:00:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc. Y110287-07 (Soil)

Metals by Saturated Paste

Calcium	ND	0.499	meq/L	10	[CALC]	KAP	10/13/2021	10/14/2021
Magnesium	ND	0.823	"	"	"	KAP	"	"
Sodium	39.9	0.435	"	"	"	KAP	"	"

pH in Soil by 9045D

pH	8.66		pH Units	1	B1J1313	AHK	10/13/2021	10/14/2021
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SAR by 20B Saturated Paste

SAR	80.7		SAR	1	B1J1311	KAP	10/13/2021	10/14/2021
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	4.30	0.00500	mmhos/cm	1	B1J1312	AHK	10/13/2021	10/14/2021
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Origins Laboratory, Inc.



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Fremont Environmental
8305 6th St, PO Box 1289
Wellington CO 80549

Paul Henehan
Project Number: [none]
Project: GWOC - Champlin 67

SB-D 8 FT

10/13/2021 12:00:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc. Y110287-08 (Soil)

Boron (DTPA Sorbitol)

Boron	4.33	0.202	mg/L	1	B1J2513	KAP	10/25/2021	10/26/2021	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B1J1305	EPC	10/13/2021	10/14/2021	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	EPC	"	"	U

Surrogate: o-Terphenyl	72.3 %	50-150			"	"	"	
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GBTEX+TMBs

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B1J1301	KDK	10/13/2021	10/18/2021	U
Naphthalene	ND	0.00380	"	"	"	KDK	"	10/20/2021	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	KDK	"	10/18/2021	U
Benzene	ND	0.00200	"	"	"	KDK	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	KDK	"	"	U
Toluene	ND	0.00200	"	"	"	KDK	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	KDK	"	"	U
Xylenes, total	ND	0.00200	"	"	"	KDK	"	"	U

Surrogate: 1,2-Dichloroethane-d4	112 %	70-130			"	"	"
Surrogate: Toluene-d8	105 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	95.6 %	70-130			"	"	"

Origins Laboratory, Inc.



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Fremont Environmental
8305 6th St, PO Box 1289
Wellington CO 80549

Paul Henehan
Project Number: [none]
Project: GWOC - Champlin 67

SB-D 8 FT

10/13/2021 12:00:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc. Y110287-08 (Soil)

Metals by Saturated Paste

Calcium	0.529	0.499	meq/L	10	[CALC]	KAP	10/25/2021	10/26/2021
Magnesium	ND	0.823	"	"	"	KAP	"	"
Sodium	34.2	0.435	"	"	"	KAP	"	"

pH in Soil by 9045D

pH	8.73		pH Units	1	B1J2602	ACC	10/26/2021	10/26/2021
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SAR by 20B Saturated Paste

SAR	55.8		SAR	1	B1J2514	KAP	10/25/2021	10/26/2021
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	3.69	0.00500	mmhos/cm	1	B1J2601	ACC	10/26/2021	10/26/2021
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Origins Laboratory, Inc.



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Fremont Environmental
8305 6th St, PO Box 1289
Wellington CO 80549

Paul Henehan
Project Number: [none]
Project: GWOC - Champlin 67

SB-D 20 FT
10/13/2021 12:00:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y110287-09 (Soil)

Boron (DTPA Sorbitol)

Boron	4.63	0.200	mg/L	1	B1J2513	KAP	10/25/2021	10/26/2021	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B1J1305	EPC	10/13/2021	10/14/2021	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	EPC	"	"	U

Surrogate: o-Terphenyl	70.6 %	50-150			"	"	"	
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GBTEX+TMBs

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B1J1301	KDK	10/13/2021	10/18/2021	U
Naphthalene	ND	0.00380	"	"	"	KDK	"	"	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	KDK	"	"	U
Benzene	ND	0.00200	"	"	"	KDK	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	KDK	"	"	U
Toluene	ND	0.00200	"	"	"	KDK	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	KDK	"	"	U
Xylenes, total	ND	0.00200	"	"	"	KDK	"	"	U

Surrogate: 1,2-Dichloroethane-d4	105 %	70-130			"	"	"
Surrogate: Toluene-d8	108 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	98.1 %	70-130			"	"	"

Origins Laboratory, Inc.



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Fremont Environmental
8305 6th St, PO Box 1289
Wellington CO 80549

Paul Henehan
Project Number: [none]
Project: GWOC - Champlin 67

SB-D 20 FT

10/13/2021 12:00:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc. Y110287-09 (Soil)

Metals by Saturated Paste

Calcium	2.74	0.499	meq/L	10	[CALC]	KAP	10/25/2021	10/26/2021
Magnesium	1.28	0.823	"	"	"	KAP	"	"
Sodium	44.1	0.435	"	"	"	KAP	"	"

pH in Soil by 9045D

pH	8.19		pH Units	1	B1J2602	ACC	10/26/2021	10/26/2021
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SAR by 20B Saturated Paste

SAR	31.0		SAR	1	B1J2514	KAP	10/25/2021	10/26/2021
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	4.71	0.00500	mmhos/cm	1	B1J2601	ACC	10/26/2021	10/26/2021
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Origins Laboratory, Inc.



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Fremont Environmental
8305 6th St, PO Box 1289
Wellington CO 80549

Paul Henehan
Project Number: [none]
Project: GWOC - Champlin 67

SB-E 8 FT

10/13/2021 12:00:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc. Y110287-10 (Soil)

Boron (DTPA Sorbitol)

Boron	4.60	0.200	mg/L	1	B1J2513	KAP	10/25/2021	10/26/2021	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	70.7	25.0	mg/kg	1	B1J1305	EPC	10/13/2021	10/13/2021	
Residual Range Organics (C28-C40)	209	100	"	"	"	EPC	"	"	

Surrogate: o-Terphenyl	65.2 %	50-150			"	"	"	
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GBTEX+TMBs

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B1J1301	KDK	10/13/2021	10/20/2021	U
Naphthalene	ND	0.00380	"	"	"	KDK	"	"	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	KDK	"	"	U
Benzene	ND	0.00200	"	"	"	KDK	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	KDK	"	"	U
Toluene	ND	0.00200	"	"	"	KDK	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	KDK	"	"	U
Xylenes, total	ND	0.00200	"	"	"	KDK	"	"	U

Surrogate: 1,2-Dichloroethane-d4	92.0 %	70-130			"	"	"	
Surrogate: Toluene-d8	99.7 %	70-130			"	"	"	
Surrogate: 4-Bromofluorobenzene	97.4 %	70-130			"	"	"	

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Fremont Environmental

8305 6th St, PO Box 1289

Wellington CO 80549

Paul Henehan

Project Number: [none]

Project: GWOC - Champlin 67

SB-E 8 FT

10/13/2021 12:00:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc. Y110287-10 (Soil)

Metals by Saturated Paste

Calcium	2.10	0.499	meq/L	10	[CALC]	KAP	10/25/2021	10/26/2021
Magnesium	1.52	0.823	"	"	"	KAP	"	"
Sodium	81.0	0.435	"	"	"	KAP	"	"

pH in Soil by 9045D

pH	8.18		pH Units	1	B1J2602	ACC	10/26/2021	10/26/2021
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SAR by 20B Saturated Paste

SAR	60.1		SAR	1	B1J2514	KAP	10/25/2021	10/26/2021
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	8.65	0.00500	mmhos/cm	1	B1J2601	ACC	10/26/2021	10/26/2021
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Fremont Environmental
8305 6th St, PO Box 1289
Wellington CO 80549

Paul Henehan
Project Number: [none]
Project: GWOC - Champlin 67

SB-E 20 FT
10/13/2021 12:00:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y110287-11 (Soil)

Boron (DTPA Sorbitol)

Boron	14.3	0.201	mg/L	1	B1J2513	KAP	10/25/2021	10/26/2021	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B1J1305	EPC	10/13/2021	10/13/2021	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	EPC	"	"	U

Surrogate: o-Terphenyl	69.1 %	50-150			"	"	"	
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GBTEX+TMBs

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B1J1301	KDK	10/13/2021	10/20/2021	U
Naphthalene	ND	0.00380	"	"	"	KDK	"	"	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	KDK	"	"	U
Benzene	ND	0.00200	"	"	"	KDK	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	KDK	"	"	U
Toluene	ND	0.00200	"	"	"	KDK	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	KDK	"	"	U
Xylenes, total	ND	0.00200	"	"	"	KDK	"	"	U

Surrogate: 1,2-Dichloroethane-d4	101 %	70-130			"	"	"
Surrogate: Toluene-d8	96.6 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	94.3 %	70-130			"	"	"

Origins Laboratory, Inc.



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Fremont Environmental
8305 6th St, PO Box 1289
Wellington CO 80549

Paul Henehan
Project Number: [none]
Project: GWOC - Champlin 67

SB-E 20 FT

10/13/2021 12:00:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc. Y110287-11 (Soil)

Metals by Saturated Paste

Calcium	10.6	0.499	meq/L	10	[CALC]	KAP	10/25/2021	10/26/2021
Magnesium	2.04	0.823	"	"	"	KAP	"	"
Sodium	91.9	0.435	"	"	"	KAP	"	"

pH in Soil by 9045D

pH	7.97		pH Units	1	B1J2602	ACC	10/26/2021	10/26/2021
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SAR by 20B Saturated Paste

SAR	36.5		SAR	1	B1J2514	KAP	10/25/2021	10/26/2021
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	10.2	0.00500	mmhos/cm	1	B1J2601	ACC	10/26/2021	10/26/2021
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Origins Laboratory, Inc.



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Fremont Environmental
8305 6th St, PO Box 1289
Wellington CO 80549

Paul Henehan
Project Number: [none]
Project: GWOC - Champlin 67

SB-F 8 FT

10/13/2021 12:00:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc. Y110287-12 (Soil)

Boron (DTPA Sorbitol)

Boron	6.81	0.201	mg/L	1	B1J2513	KAP	10/25/2021	10/26/2021	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B1J1305	EPC	10/13/2021	10/13/2021	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	EPC	"	"	U

Surrogate: o-Terphenyl	70.6 %	50-150			"	"	"	
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GBTEX+TMBs

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B1J1401	KDK	10/14/2021	10/20/2021	U
Naphthalene	ND	0.00380	"	"	"	KDK	"	"	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	KDK	"	"	U
Benzene	ND	0.00200	"	"	"	KDK	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	KDK	"	"	U
Toluene	ND	0.00200	"	"	"	KDK	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	KDK	"	"	U
Xylenes, total	ND	0.00200	"	"	"	KDK	"	"	U

Surrogate: 1,2-Dichloroethane-d4	96.4 %	70-130			"	"	"
Surrogate: Toluene-d8	99.0 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	104 %	70-130			"	"	"

Origins Laboratory, Inc.



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Fremont Environmental
8305 6th St, PO Box 1289
Wellington CO 80549

Paul Henehan
Project Number: [none]
Project: GWOC - Champlin 67

SB-F 8 FT

10/13/2021 12:00:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc. Y110287-12 (Soil)

Metals by Saturated Paste

Calcium	0.639	0.499	meq/L	10	[CALC]	KAP	10/25/2021	10/26/2021
Magnesium	ND	0.823	"	"	"	KAP	"	"
Sodium	49.8	0.435	"	"	"	KAP	"	"

pH in Soil by 9045D

pH	8.74		pH Units	1	B1J2602	ACC	10/26/2021	10/26/2021
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SAR by 20B Saturated Paste

SAR	75.9		SAR	1	B1J2514	KAP	10/25/2021	10/26/2021
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	5.36	0.00500	mmhos/cm	1	B1J2601	ACC	10/26/2021	10/26/2021
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Origins Laboratory, Inc.



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Fremont Environmental
8305 6th St, PO Box 1289
Wellington CO 80549

Paul Henehan
Project Number: [none]
Project: GWOC - Champlin 67

SB-F 20 FT
10/13/2021 12:00:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y110287-13 (Soil)

Boron (DTPA Sorbitol)

Boron	19.3	0.198	mg/L	1	B1J2513	KAP	10/25/2021	10/26/2021	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B1J1305	EPC	10/13/2021	10/13/2021	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	EPC	"	"	U

Surrogate: o-Terphenyl	69.2 %	50-150			"	"	"	
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GBTEX+TMBs

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B1J1401	KDK	10/14/2021	10/20/2021	U
Naphthalene	ND	0.00380	"	"	"	KDK	"	"	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	KDK	"	"	U
Benzene	ND	0.00200	"	"	"	KDK	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	KDK	"	"	U
Toluene	ND	0.00200	"	"	"	KDK	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	KDK	"	"	U
Xylenes, total	ND	0.00200	"	"	"	KDK	"	"	U

Surrogate: 1,2-Dichloroethane-d4	110 %	70-130			"	"	"
Surrogate: Toluene-d8	96.7 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	104 %	70-130			"	"	"

Origins Laboratory, Inc.



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Fremont Environmental
8305 6th St, PO Box 1289
Wellington CO 80549

Paul Henehan
Project Number: [none]
Project: GWOC - Champlin 67

SB-F 20 FT

10/13/2021 12:00:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc. Y110287-13 (Soil)

Metals by Saturated Paste

Calcium	4.83	0.499	meq/L	10	[CALC]	KAP	10/25/2021	10/26/2021
Magnesium	1.73	0.823	"	"	"	KAP	"	"
Sodium	82.5	0.435	"	"	"	KAP	"	"

pH in Soil by 9045D

pH	8.12		pH Units	1	B1J2602	ACC	10/26/2021	10/26/2021
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SAR by 20B Saturated Paste

SAR	45.7		SAR	1	B1J2514	KAP	10/25/2021	10/26/2021
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	8.99	0.00500	mmhos/cm	1	B1J2601	ACC	10/26/2021	10/26/2021
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Origins Laboratory, Inc.



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Fremont Environmental
8305 6th St, PO Box 1289
Wellington CO 80549

Paul Henehan
Project Number: [none]
Project: GWOC - Champlin 67

BG-1 1 FT

10/13/2021 12:00:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc. Y110287-14 (Soil)

Boron (DTPA Sorbitol)

Boron	ND	0.202	mg/L	1	B1J1308	KAP	10/13/2021	10/14/2021
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Metals by Saturated Paste

Calcium	3.54	0.499	meq/L	10	[CALC]	KAP	10/13/2021	10/14/2021
Magnesium	1.19	0.823	"	"	"	KAP	"	"
Sodium	1.29	0.435	"	"	"	KAP	"	"

pH in Soil by 9045D

pH	7.42		pH Units	1	B1J1313	AHK	10/13/2021	10/14/2021
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SAR by 20B Saturated Paste

SAR	0.837		SAR	1	B1J1311	KAP	10/13/2021	10/14/2021
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.851	0.00500	mmhos/cm	1	B1J1312	AHK	10/13/2021	10/14/2021
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Fremont Environmental
8305 6th St, PO Box 1289
Wellington CO 80549

Paul Henehan
Project Number: [none]
Project: GWOC - Champlin 67

SB-C 20FT

10/13/2021 12:00:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc. Y110287-15 (Soil)

Boron (DTPA Sorbitol)

Boron	11.5	0.200	mg/L	1	B1J1412	JMA	10/14/2021	10/15/2021	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B1J1305	EPC	10/13/2021	10/14/2021	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	EPC	"	"	U

Surrogate: o-Terphenyl	67.3 %	50-150			"	"	"	
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GBTEX+TMBs

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B1J1401	KDK	10/14/2021	10/20/2021	U
Naphthalene	ND	0.00380	"	"	"	KDK	"	"	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	KDK	"	"	U
Benzene	ND	0.00200	"	"	"	KDK	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	KDK	"	"	U
Toluene	ND	0.00200	"	"	"	KDK	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	KDK	"	"	U
Xylenes, total	ND	0.00200	"	"	"	KDK	"	"	U

Surrogate: 1,2-Dichloroethane-d4	120 %	70-130			"	"	"
Surrogate: Toluene-d8	87.0 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	103 %	70-130			"	"	"

Origins Laboratory, Inc.



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Fremont Environmental
8305 6th St, PO Box 1289
Wellington CO 80549

Paul Henehan
Project Number: [none]
Project: GWOC - Champlin 67

SB-C 20FT

10/13/2021 12:00:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc. Y110287-15 (Soil)

Metals by Saturated Paste

Calcium	0.559	0.499	meq/L	10	[CALC]	JMA	10/14/2021	10/15/2021
Magnesium	ND	0.823	"	"	"	JMA	"	"
Sodium	41.4	0.435	"	"	"	JMA	"	"

pH in Soil by 9045D

pH	8.57		pH Units	1	B1J1420	AHK	10/14/2021	10/15/2021
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SAR by 20B Saturated Paste

SAR	67.3		SAR	1	B1J1411	JMA	10/14/2021	10/15/2021
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	4.52	0.00500	mmhos/cm	1	B1J1423	AHK	10/14/2021	10/15/2021
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Origins Laboratory, Inc.



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8305 6th St, PO Box 1289
Wellington CO 80549

Paul Henehan
Project Number: [none]
Project: GWOC - Champlin 67

Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B1J1301 - EPA 5030 (soil)										
Blank (B1J1301-BLK1)					Prepared: 10/13/2021 Analyzed: 10/13/2021					
1,2,4-Trimethylbenzene	ND	0.00200	mg/kg							U
Naphthalene	ND	0.00380	"							U
1,3,5-Trimethylbenzene	ND	0.00200	"							U
Benzene	ND	0.00200	"							U
Ethylbenzene	ND	0.00200	"							U
Toluene	ND	0.00200	"							U
Gasoline Range Hydrocarbons	ND	0.200	"							U
Xylenes, total	ND	0.00200	"							U
Surrogate: 1,2-Dichloroethane-d4	0.12		"	0.125		94.6	70-130			
Surrogate: Toluene-d8	0.13		"	0.125		103	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		92.4	70-130			

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Fremont Environmental
8305 6th St, PO Box 1289
Wellington CO 80549

Paul Henehan
Project Number: [none]
Project: GWOC - Champlin 67

Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B1J1301 - EPA 5030 (soil)										
LCS (B1J1301-BS1)					Prepared: 10/13/2021 Analyzed: 10/13/2021					
1,2,4-Trimethylbenzene	0.0479	0.00200	mg/kg	0.0500		95.7	70-130			
Naphthalene	0.0438	0.0100	"	0.0500		87.6	70-130			
1,3,5-Trimethylbenzene	0.0468	0.00200	"	0.0500		93.7	70-130			
Benzene	0.0438	0.00200	"	0.0500		87.6	70-130			
Ethylbenzene	0.0453	0.00200	"	0.0500		90.6	70-130			
m,p-Xylene	0.0937	0.00400	"	0.100		93.7	70-130			
o-Xylene	0.0460	0.00200	"	0.0500		92.1	70-130			
Toluene	0.0470	0.00200	"	0.0500		94.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.12		"	0.125		95.0	70-130			
Surrogate: Toluene-d8	0.13		"	0.125		103	70-130			
Surrogate: 4-Bromofluorobenzene	0.11		"	0.125		91.9	70-130			

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Fremont Environmental
8305 6th St, PO Box 1289
Wellington CO 80549

Paul Henehan
Project Number: [none]
Project: GWOC - Champlin 67

Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control

Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B1J1301 - EPA 5030 (soil)

Matrix Spike (B1J1301-MS1)		Source: Y110266-02			Prepared: 10/13/2021 Analyzed: 10/13/2021					
1,2,4-Trimethylbenzene	0.0487	0.00200	mg/kg	0.0500	0.000540	96.4	70-130			
Naphthalene	0.0494	0.0100	"	0.0500	0.00188	95.0	70-130			
1,3,5-Trimethylbenzene	0.0501	0.00200	"	0.0500	0.000560	99.2	70-130			
Benzene	0.0493	0.00200	"	0.0500	ND	98.6	70-130			
Ethylbenzene	0.0473	0.00200	"	0.0500	0.000420	93.8	70-130			
m,p-Xylene	0.0958	0.00400	"	0.100	ND	95.8	70-130			
o-Xylene	0.0503	0.00200	"	0.0500	ND	101	70-130			
Toluene	0.0505	0.00200	"	0.0500	ND	101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.12		"	0.125		92.8	70-130			
Surrogate: Toluene-d8	0.13		"	0.125		101	70-130			
Surrogate: 4-Bromofluorobenzene	0.11		"	0.125		91.5	70-130			

Origins Laboratory, Inc.



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Fremont Environmental
8305 6th St, PO Box 1289
Wellington CO 80549

Paul Henehan
Project Number: [none]
Project: GWOC - Champlin 67

Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B1J1301 - EPA 5030 (soil)										
Matrix Spike Dup (B1J1301-MSD1)										
					Source: Y110266-02					
										Prepared: 10/13/2021 Analyzed: 10/13/2021
1,2,4-Trimethylbenzene	0.0455	0.00200	mg/kg	0.0500	0.000540	89.9	70-130	6.92	20	
Naphthalene	0.0461	0.0100	"	0.0500	0.00188	88.4	70-130	6.83	20	
1,3,5-Trimethylbenzene	0.0463	0.00200	"	0.0500	0.000560	91.4	70-130	8.01	20	
Benzene	0.0452	0.00200	"	0.0500	ND	90.4	70-130	8.68	20	
Ethylbenzene	0.0442	0.00200	"	0.0500	0.000420	87.5	70-130	6.91	20	
m,p-Xylene	0.0895	0.00400	"	0.100	ND	89.5	70-130	6.80	20	
o-Xylene	0.0466	0.00200	"	0.0500	ND	93.3	70-130	7.51	20	
Toluene	0.0466	0.00200	"	0.0500	ND	93.3	70-130	7.99	20	
Surrogate: 1,2-Dichloroethane-d4	0.12		"	0.125		95.2	70-130			
Surrogate: Toluene-d8	0.13		"	0.125		101	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		92.5	70-130			

Origins Laboratory, Inc.



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Fremont Environmental
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Wellington CO 80549

Paul Henehan
Project Number: [none]
Project: GWOC - Champlin 67

Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B1J1305 - EPA 3550B										
Blank (B1J1305-BLK1)					Prepared: 10/13/2021 Analyzed: 10/13/2021					
Diesel (C10-C28)	ND	25.0	mg/kg							U
Residual Range Organics (C28-C40)	ND	100	"							U
Surrogate: o-Terphenyl	20		"	25.0		79.7	50-150			

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Fremont Environmental
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Wellington CO 80549

Paul Henehan
Project Number: [none]
Project: GWOC - Champlin 67

Extractable Petroleum Hydrocarbons by 8015D - Quality Control Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B1J1305 - EPA 3550B										
LCS (B1J1305-BS1)					Prepared: 10/13/2021 Analyzed: 10/13/2021					
Diesel (C10-C28)	810	50.0	mg/kg	1000		81.0	70-130			
Residual Range Organics (C28-C40)	897	200	"	1000		89.7	70-130			
Surrogate: o-Terphenyl	41		"	50.0		81.4	50-150			

Origins Laboratory, Inc.



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Fremont Environmental
8305 6th St, PO Box 1289
Wellington CO 80549

Paul Henehan
Project Number: [none]
Project: GWOC - Champlin 67

Extractable Petroleum Hydrocarbons by 8015D - Quality Control Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B1J1305 - EPA 3550B										
Matrix Spike (B1J1305-MS1)		Source: Y110287-01			Prepared: 10/13/2021 Analyzed: 10/13/2021					
Diesel (C10-C28)	639	50.0	mg/kg	1000	ND	63.9	70-130			QM-07
Residual Range Organics (C28-C40)	713	200	"	1000	ND	71.3	70-130			
Surrogate: o-Terphenyl	34		"	50.0		67.4	50-150			

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Fremont Environmental
8305 6th St, PO Box 1289
Wellington CO 80549

Paul Henehan
Project Number: [none]
Project: GWOC - Champlin 67

Extractable Petroleum Hydrocarbons by 8015D - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B1J1305 - EPA 3550B

Matrix Spike Dup (B1J1305-MSD1)		Source: Y110287-01			Prepared: 10/13/2021 Analyzed: 10/13/2021					
Diesel (C10-C28)	649	50.0	mg/kg	1000	ND	64.9	70-130	1.54	35	QM-07
Residual Range Organics (C28-C40)	701	200	"	1000	ND	70.1	70-130	1.66	35	
Surrogate: o-Terphenyl	37		"	50.0		73.1	50-150			

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Fremont Environmental
8305 6th St, PO Box 1289
Wellington CO 80549

Paul Henehan
Project Number: [none]
Project: GWOC - Champlin 67

Extractable Petroleum Hydrocarbons by 8015D - Quality Control Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B1J1401 - EPA 5030 (soil)										
Blank (B1J1401-BLK1)					Prepared: 10/14/2021 Analyzed: 10/15/2021					
1,2,4-Trimethylbenzene	ND	0.00200	mg/kg							U
Naphthalene	ND	0.00380	"							U
1,3,5-Trimethylbenzene	ND	0.00200	"							U
Benzene	ND	0.00200	"							U
Ethylbenzene	ND	0.00200	"							U
Toluene	ND	0.00200	"							U
Xylenes, total	ND	0.00200	"							U
Gasoline Range Hydrocarbons	ND	0.200	"							U
Surrogate: 1,2-Dichloroethane-d4	0.11		"	0.125		90.2	70-130			
Surrogate: Toluene-d8	0.13		"	0.125		102	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		94.0	70-130			

Origins Laboratory, Inc.



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Fremont Environmental
8305 6th St, PO Box 1289
Wellington CO 80549

Paul Henehan
Project Number: [none]
Project: GWOC - Champlin 67

Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B1J1401 - EPA 5030 (soil)										
LCS (B1J1401-BS1)					Prepared: 10/14/2021 Analyzed: 10/15/2021					
1,2,4-Trimethylbenzene	0.0533	0.00200	mg/kg	0.0500		107	70-130			
Naphthalene	0.0552	0.0100	"	0.0500		110	70-130			
1,3,5-Trimethylbenzene	0.0518	0.00200	"	0.0500		104	70-130			
Benzene	0.0498	0.00200	"	0.0500		99.5	70-130			
Ethylbenzene	0.0501	0.00200	"	0.0500		100	70-130			
m,p-Xylene	0.104	0.00400	"	0.100		104	70-130			
o-Xylene	0.0517	0.00200	"	0.0500		103	70-130			
Toluene	0.0513	0.00200	"	0.0500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.12		"	0.125		94.3	70-130			
Surrogate: Toluene-d8	0.13		"	0.125		100	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		95.6	70-130			

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Fremont Environmental
8305 6th St, PO Box 1289
Wellington CO 80549

Paul Henehan
Project Number: [none]
Project: GWOC - Champlin 67

Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B1J1401 - EPA 5030 (soil)										
Matrix Spike (B1J1401-MS1)		Source: Y110302-01			Prepared: 10/14/2021 Analyzed: 10/18/2021					
1,2,4-Trimethylbenzene	0.0175	0.00200	mg/kg	0.0500	ND	34.9	70-130			QM-07
Naphthalene	ND	0.0100	"	0.0500	ND		70-130			QM-07, U
1,3,5-Trimethylbenzene	0.00900	0.00200	"	0.0500	ND	18.0	70-130			QM-07
Benzene	0.0618	0.00200	"	0.0500	ND	124	70-130			
Ethylbenzene	0.0190	0.00200	"	0.0500	ND	38.1	70-130			QM-07
m,p-Xylene	0.0381	0.00400	"	0.100	ND	38.1	70-130			QM-07
o-Xylene	0.0469	0.00200	"	0.0500	ND	93.9	70-130			
Toluene	0.0549	0.00200	"	0.0500	ND	110	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.15		"	0.125		117	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		96.6	70-130			
Surrogate: 4-Bromofluorobenzene	0.11		"	0.125		91.0	70-130			

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Fremont Environmental
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Wellington CO 80549

Paul Henehan
Project Number: [none]
Project: GWOC - Champlin 67

Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B1J1401 - EPA 5030 (soil)										
Matrix Spike Dup (B1J1401-MSD1)		Source: Y110302-01			Prepared: 10/14/2021 Analyzed: 10/18/2021					
1,2,4-Trimethylbenzene	0.00596	0.00200	mg/kg	0.0500	ND	11.9	70-130	98.2	20	QM-07, QR-03
Naphthalene	0.00160	0.0100	"	0.0500	ND	3.20	70-130		20	QM-07, QR-03,
1,3,5-Trimethylbenzene	0.0139	0.00200	"	0.0500	ND	27.7	70-130	42.5	20	QM-07, QR-03
Benzene	0.0747	0.00200	"	0.0500	ND	149	70-130	18.9	20	QM-07
Ethylbenzene	0.0177	0.00200	"	0.0500	ND	35.4	70-130	7.29	20	QM-07
m,p-Xylene	0.0534	0.00400	"	0.100	ND	53.4	70-130	33.3	20	QM-07, QR-03
o-Xylene	0.0464	0.00200	"	0.0500	ND	92.9	70-130	1.07	20	
Toluene	0.0562	0.00200	"	0.0500	ND	112	70-130	2.38	20	
Surrogate: 1,2-Dichloroethane-d4	0.16		"	0.125		129	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		96.4	70-130			
Surrogate: 4-Bromofluorobenzene	0.11		"	0.125		91.9	70-130			

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Fremont Environmental
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Wellington CO 80549

Paul Henehan
Project Number: [none]
Project: GWOC - Champlin 67

Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control

Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Saturated Paste - Quality Control

Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B1J1312 - NO PREP

Blank (B1J1312-BLK1)

Prepared: 10/13/2021 Analyzed: 10/14/2021

Specific Conductance (EC) 0.00160 0.00500 mmhos/cm

Duplicate (B1J1312-DUP1)

Source: Y110272-06

Prepared: 10/13/2021 Analyzed: 10/14/2021

Specific Conductance (EC) 0.0937 0.00500 mmhos/cm 0.0881 6.16 25

Batch B1J1313 - NO PREP

Duplicate (B1J1313-DUP1)

Source: Y110272-06

Prepared: 10/13/2021 Analyzed: 10/14/2021

pH 7.28 pH Units 7.47 2.58 25

Batch B1J1420 - NO PREP

Duplicate (B1J1420-DUP1)

Source: Y110287-15

Prepared: 10/14/2021 Analyzed: 10/15/2021

pH 8.63 pH Units 8.57 0.698 25

Batch B1J1423 - NO PREP

Blank (B1J1423-BLK1)

Prepared: 10/14/2021 Analyzed: 10/15/2021

Specific Conductance (EC) 0.00400 0.00500 mmhos/cm

Duplicate (B1J1423-DUP1)

Source: Y110287-15

Prepared: 10/14/2021 Analyzed: 10/15/2021

Specific Conductance (EC) 3.87 0.00500 mmhos/cm 4.52 15.6 25

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Fremont Environmental
8305 6th St, PO Box 1289
Wellington CO 80549

Paul Henehan
Project Number: [none]
Project: GWOC - Champlin 67

Saturated Paste - Quality Control Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B1J2601 - NO PREP										
Blank (B1J2601-BLK1)					Prepared: 10/26/2021 Analyzed: 10/26/2021					
Specific Conductance (EC)	0.00170	0.00500	mmhos/cm							
Duplicate (B1J2601-DUP1)					Source: Y110287-01 Prepared: 10/26/2021 Analyzed: 10/26/2021					
Specific Conductance (EC)	1.43	0.00500	mmhos/cm		1.42			0.337	25	
Batch B1J2602 - NO PREP										
Duplicate (B1J2602-DUP1)					Source: Y110287-01 Prepared: 10/26/2021 Analyzed: 10/26/2021					
pH	8.76		pH Units		8.77			0.114	25	

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Fremont Environmental
8305 6th St, PO Box 1289
Wellington CO 80549

Paul Henehan
Project Number: [none]
Project: GWOC - Champlin 67

Notes and Definitions

- U Sample is Non-Detect.
- S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
- R-01 The Reporting Limit for this analyte has been raised to account for matrix interference.
- QR-03 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
- QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- All soil results are reported at a wet weight basis.

Origins Laboratory, Inc.



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January 20, 2022

Fremont Environmental

Paul Henehan

8305 6th St, PO Box 1289

Wellington CO 80549

Project Name - GWOC - Champlin 67F

Project Number - C021-028

Attached are your analytical results for GWOC - Champlin 67F received by Origins Laboratory, Inc. January 10, 2022. This project is associated with Origins project number Y201128-01.

The analytical results in the following report were analyzed under the guidelines of EPA Methods. These methods are identified as follows; "SW" are defined in SW-846, "EPA" are defined in 40CFR part 136 and "SM" are defined in the most current revision of Standard Methods For the Examination of Water and Wastewater.

The analytical results apply specifically to the samples and analyses specified per the attached Chain of Custody. As such, this report shall not be reproduced except in full, without the written approval of Origin's laboratory.

Unless otherwise noted, the analytical results for all soil samples are reported on a wet weight basis. All analytical analyses were performed under NELAP guidelines unless noted by a data qualifier.

Any holding time exceedances, deviations from the method specifications or deviations from Origins Laboratory's Standard Operating Procedures are outlined in the case narrative.

Thank you for selecting Origins for your analytical needs. Please contact us with any questions concerning this report, or if we can help with anything at all.

Origins Laboratory, Inc.
303.433.1322
o-squad@oelabinc.com



1725 Elk Place, Denver, CO 80211 | Phone: 303.433.1322 | Fax: 303.265.9645

Fremont Environmental
8305 6th St, PO Box 1289
Wellington CO 80549

Paul Henehan
Project Number: C021-028
Project: GWOC - Champlin 67F

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SB-G 1ft	Y201128-01	Soil	January 10, 2022 0:00	01/10/2022 13:40
SB-G 3ft	Y201128-02	Soil	January 10, 2022 0:00	01/10/2022 13:40
SB-G 8ft	Y201128-03	Soil	January 10, 2022 0:00	01/10/2022 13:40
SB-H 1ft	Y201128-04	Soil	January 10, 2022 0:00	01/10/2022 13:40
SB-H 3ft	Y201128-05	Soil	January 10, 2022 0:00	01/10/2022 13:40
SB-H 8ft	Y201128-06	Soil	January 10, 2022 0:00	01/10/2022 13:40
SB-I 1ft	Y201128-07	Soil	January 10, 2022 0:00	01/10/2022 13:40
SB-I 3ft	Y201128-08	Soil	January 10, 2022 0:00	01/10/2022 13:40
SB-I 8ft	Y201128-09	Soil	January 10, 2022 0:00	01/10/2022 13:40
SB-J 1ft	Y201128-10	Soil	January 10, 2022 0:00	01/10/2022 13:40
SB-J 3ft	Y201128-11	Soil	January 10, 2022 0:00	01/10/2022 13:40
SB-J 8ft	Y201128-12	Soil	January 10, 2022 0:00	01/10/2022 13:40
SB-K 1ft	Y201128-13	Soil	January 10, 2022 0:00	01/10/2022 13:40
SB-K 3ft	Y201128-14	Soil	January 10, 2022 0:00	01/10/2022 13:40

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Fremont Environmental
8305 6th St, PO Box 1289
Wellington CO 80549

Paul Henehan
Project Number: C021-028
Project: GWOC - Champlin 67F

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SB-K 8ft	Y201128-15	Soil	January 10, 2022 0:00	01/10/2022 13:40
SB-L 1ft	Y201128-16	Soil	January 10, 2022 0:00	01/10/2022 13:40
SB-L 3ft	Y201128-17	Soil	January 10, 2022 0:00	01/10/2022 13:40
SB-L 8ft	Y201128-18	Soil	January 10, 2022 0:00	01/10/2022 13:40
SB-M 1ft	Y201128-19	Soil	January 10, 2022 0:00	01/10/2022 13:40
SB-M 3ft	Y201128-20	Soil	January 10, 2022 0:00	01/10/2022 13:40
SB-M 8ft	Y201128-21	Soil	January 10, 2022 0:00	01/10/2022 13:40
SB-N 1ft	Y201128-22	Soil	January 10, 2022 0:00	01/10/2022 13:40
SB-N 3ft	Y201128-23	Soil	January 10, 2022 0:00	01/10/2022 13:40
SB-N 8ft	Y201128-24	Soil	January 10, 2022 0:00	01/10/2022 13:40
SB-O 1ft	Y201128-25	Soil	January 10, 2022 0:00	01/10/2022 13:40
SB-O 3ft	Y201128-26	Soil	January 10, 2022 0:00	01/10/2022 13:40
SB-O 8ft	Y201128-27	Soil	January 10, 2022 0:00	01/10/2022 13:40
SB-P 1ft	Y201128-28	Soil	January 10, 2022 0:00	01/10/2022 13:40

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Fremont Environmental

8305 6th St, PO Box 1289

Wellington CO 80549

Paul Henehan

Project Number: C021-028

Project: GWOC - Champlin 67F

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SB-P 3ft	Y201128-29	Soil	January 10, 2022 0:00	01/10/2022 13:40
SB-P 8ft	Y201128-30	Soil	January 10, 2022 0:00	01/10/2022 13:40
SB-Background 1ft	Y201128-31	Soil	January 10, 2022 0:00	01/10/2022 13:40
SB-Background 3ft	Y201128-32	Soil	January 10, 2022 0:00	01/10/2022 13:40
SB-Background 8ft	Y201128-33	Soil	January 10, 2022 0:00	01/10/2022 13:40

Origins Laboratory, Inc.



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Fremont Environmental
8305 6th St, PO Box 1289
Wellington CO 80549

Paul Henehan
Project Number: C021-028
Project: GWOC - Champlin 67F

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LABORATORY, INC

4201128

page 1 of 4

Client: Fremont Env.
Address:
Project Manager: Henehan
Project Name: GWOC - Champlin 67F
Project Number: C021-028
Samples Collected By: EB

Telephone Number:
Email Address: paulh@fremontenv.com

1725 Elk Place | Denver, CO 80211 | Phone: 303.433.1322 | Fax: 303.265.9645

Sample ID Description	Date Sampled	Time Sampled	# of Containers	Preservative				Matrix			Analysis				Sample Instructions	
				Unpreserved	HCl	HNO ₃	Other	Groundwater	Soil	Air Summa #	Other	SAR	FTC	PH		Boron
SB-G 1FT	1/10/22		2	X				X					X	X	X	
SB-G 3FT																
SB-G 8FT																
SB-H 1FT																
SB-H 3FT																
SB-H 8FT																
SB-I 1FT																
SB-I 3FT																
SB-I 8FT																
SB-J 1FT																

Jordan A. Merrill

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Temp Received: 5.3
Date Results Needed

Paul Henehan
Project Number: C021-028
Project: GWOC - Champlin 67F

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page 2 of 4

Client: Fernat Env.
 Address: _____
 Telephone Number: _____
 Email Address: See p.1

Project Manager: Heredia
 Project Name: GLUC - Champion 67F
 Project Number: 007-088
 Samples Collected By: EB

Sample ID Description	Date Sampled	Time Sampled	# of Containers	Preservative				Matrix			Analysis			Sample Instructions		
				Unpreserved	HCl	HNO ₃	Other	Groundwater	Soil	Air Summa Canister #	Other	SAR	ETC		Other	
SB-J 3FT	1/10/22		2	X				X					X	X	X	1
SB-J 8FT			1													2
SB-K 1FT																3
SB-K 8FT																4
SB-K 8FT																5
SB-L 1FT																6
SB-L 3FT																7
SB-L 8FT																8
SB-M 1FT																9
SB-M 3FT																10

Relinquished By:	Date:	Received By:	Date:	Turnaround Time:
<u>GF-Hick</u>	<u>1/10/22</u>	<u>[Signature]</u>	<u>1-10-22</u>	Same Day <input type="checkbox"/> 24 Hr <input type="checkbox"/> 48 Hr <input type="checkbox"/> Standard <input checked="" type="checkbox"/>
Relinquished By:	Date:	Received By:	Date:	

Fax: 303.265.9645

Phone: 303.433.1322

Denver, CO 80211

225 Elk Place

Origins Laboratory, Inc.

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Page 7 of 44

Fremont Environmental
8305 6th St, PO Box 1289
Wellington CO 80549

Paul Henehan
Project Number: C021-028
Project: GWOC - Champlin 67F

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4201128

page 4 of 4

Client: Fremont Env.
Address: _____
Telephone Number: _____
Email Address: See p.1

Project Manager: Henehan
Project Name: GWOC - Champlin 67F
Project Number: C021-028
Samples Collected By: EB

Sample ID Description	Date Sampled	Time Sampled	# of Containers	Preservative				Matrix			Analysis				Sample Instructions	
				Unpreserved	HCl	HNO ₃	Other	Groundwater	Soil	Air Summa #	Other	SAR	EC	PCB		EDS
SP- Background 1F	1/10/02		2	X					X							
SP- Background 3F	↓		1							I						
SP- Background 6F	↓		1													
Relinquished By: <u>Jim Block</u>	Date: <u>1/10/02</u>	Time: <u>1340</u>	Received By: <u>Amund</u>	Date: <u>1-10-02</u>	Time: <u>1340</u>	Turnaround Time: <input type="checkbox"/> Same Day <input type="checkbox"/> 24 Hr <input type="checkbox"/> 48 Hr <input checked="" type="checkbox"/> 72 Hr <input type="checkbox"/> Standard										
Relinquished By: _____	Date: _____	Time: _____	Received By: _____	Date: _____	Time: _____											

Temp Received: 53 Date Results Needed

Origins Laboratory, Inc.

Jordan A. Merrill

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Fremont Environmental
8305 6th St, PO Box 1289
Wellington CO 80549

Paul Henehan
Project Number: C021-028
Project: GWOC - Champlin 67F

Origins Laboratory F-012207-01-R1
Effective Date: 01/09/12

Sample Receipt Checklist

Origins Work Order: y201128 Client: Fremont
Client Project ID: Champlin 67F

Checklist Completed by: JB Shipped Via: HS
Date/time completed: 1/10/22 (UPS, FedEx, Hand Delivered, Pick-up, etc.)
Airbill #: 2112

Matrix(s) Received: (Check all that apply): ☒ Soil/Solid ☐ Water ☐ Other: _____

Cooler Number/Temperature: 1 15.3 °C 1 °C 1 °C (Describe) _____ °C

Thermometer ID: T003

Requirement Description	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature between 0°C to ≤ 6°C ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Is there ice present (document if blue ice is used)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Are custody seals present on cooler? (if so, document in comments if they are signed and dated, broken or intact)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Are custody seals present on each sample container? (if so, document in comments if they are signed and dated, broken or intact)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
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"/>	
Are short holding time analytes or samples with HTs due within 48 hours present ⁽¹⁾ ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Is a chain-of-custody (COC) present and filled out completely ⁽¹⁾ ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	No sample times
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 with date and time recorded ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
For volatiles in water – is there headspace (> ¼ inch bubble) present? If yes, contact client and note in narrative.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Are samples preserved that require preservation and was it checked ⁽¹⁾ ? (note ID of confirmation instrument used in comments) / (preservation is not confirmed for subcontracted analyses in order to insure sample integrity)/(pH < 2 for samples preserved with HNO ₃ , HCL, H ₂ SO ₄) / (pH > 10 for samples preserved with NaAsO ₂ +NaOH, ZnAc+NaOH)	<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 date/time and person contacted as well as the corrective action to in the additional comments (above) and the case narrative.

Reviewed by (Project Manager) AM Date/Time Reviewed 1-11-22

Origins Laboratory, Inc.

Jordan A. Merrill

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Fremont Environmental

8305 6th St, PO Box 1289

Wellington CO 80549

Paul Henehan

Project Number: C021-028

Project: GWOC - Champlin 67F

SB-G 1ft

1/10/2022 12:00:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc. Y201128-01 (Soil)

Boron (DTPA Sorbitol)

Boron	12.8	0.200	mg/L	1	B2A1108	KAP	01/11/2022	01/12/2022
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Metals by Saturated Paste by EPA 6010

Calcium	3.61	0.499	meq/L	10	[CALC]	KAP	01/11/2022	01/14/2022
Magnesium	1.26	0.823	"	"	"	KAP	"	"
Sodium	82.7	0.435	"	"	"	KAP	"	"

pH in Soil by 9045D

pH	7.32		pH Units	1	B2A1114	ACC	01/11/2022	01/12/2022
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SAR by 20B Saturated Paste

SAR	53.0		SAR	1	B2A1105	KAP	01/11/2022	01/14/2022
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	10.1	0.00500	mmhos/cm	1	B2A1111	ACC	01/11/2022	01/12/2022
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Origins Laboratory, Inc.



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Fremont Environmental

8305 6th St, PO Box 1289

Wellington CO 80549

Paul Henehan

Project Number: C021-028

Project: GWOC - Champlin 67F

SB-G 3ft

1/10/2022 12:00:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc. Y201128-02 (Soil)

Boron (DTPA Sorbitol)

Boron	5.28	0.196	mg/L	1	B2A1108	KAP	01/11/2022	01/12/2022
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Metals by Saturated Paste by EPA 6010

Calcium	4.03	0.499	meq/L	10	[CALC]	KAP	01/11/2022	01/14/2022
Magnesium	1.67	0.823	"	"	"	KAP	"	"
Sodium	84.6	0.435	"	"	"	KAP	"	"

pH in Soil by 9045D

pH	7.75		pH Units	1	B2A1114	ACC	01/11/2022	01/12/2022
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SAR by 20B Saturated Paste

SAR	50.1		SAR	1	B2A1105	KAP	01/11/2022	01/14/2022
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	11.5	0.00500	mmhos/cm	1	B2A1111	ACC	01/11/2022	01/12/2022
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Origins Laboratory, Inc.



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Fremont Environmental

8305 6th St, PO Box 1289

Wellington CO 80549

Paul Henehan

Project Number: C021-028

Project: GWOC - Champlin 67F

SB-G 8ft

1/10/2022 12:00:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc. Y201128-03 (Soil)

Boron (DTPA Sorbitol)

Boron	2.69	0.201	mg/L	1	B2A1108	KAP	01/11/2022	01/12/2022
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Metals by Saturated Paste by EPA 6010

Calcium	4.02	0.499	meq/L	10	[CALC]	KAP	01/11/2022	01/14/2022
Magnesium	3.73	0.823	"	"	"	KAP	"	"
Sodium	65.0	0.435	"	"	"	KAP	"	"

pH in Soil by 9045D

pH	7.84		pH Units	1	B2A1114	ACC	01/11/2022	01/12/2022
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SAR by 20B Saturated Paste

SAR	33.0		SAR	1	B2A1105	KAP	01/11/2022	01/14/2022
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	8.93	0.00500	mmhos/cm	1	B2A1111	ACC	01/11/2022	01/12/2022
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Origins Laboratory, Inc.



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Fremont Environmental

8305 6th St, PO Box 1289

Wellington CO 80549

Paul Henehan

Project Number: C021-028

Project: GWOC - Champlin 67F

SB-H 1ft

1/10/2022 12:00:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc. Y201128-04 (Soil)

Boron (DTPA Sorbitol)

Boron	6.26	0.198	mg/L	1	B2A1108	KAP	01/11/2022	01/12/2022
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Metals by Saturated Paste by EPA 6010

Calcium	2.28	0.499	meq/L	10	[CALC]	KAP	01/11/2022	01/14/2022
Magnesium	ND	0.823	"	"	"	KAP	"	"
Sodium	57.5	0.435	"	"	"	KAP	"	"

pH in Soil by 9045D

pH	7.54		pH Units	1	B2A1114	ACC	01/11/2022	01/12/2022
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SAR by 20B Saturated Paste

SAR	47.5		SAR	1	B2A1105	KAP	01/11/2022	01/14/2022
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	7.61	0.00500	mmhos/cm	1	B2A1111	ACC	01/11/2022	01/12/2022
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Origins Laboratory, Inc.



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Fremont Environmental

8305 6th St, PO Box 1289

Wellington CO 80549

Paul Henehan

Project Number: C021-028

Project: GWOC - Champlin 67F

SB-H 3ft

1/10/2022 12:00:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc. Y201128-05 (Soil)

Boron (DTPA Sorbitol)

Boron	5.82	0.198	mg/L	1	B2A1108	KAP	01/11/2022	01/12/2022
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Metals by Saturated Paste by EPA 6010

Calcium	1.91	0.499	meq/L	10	[CALC]	KAP	01/11/2022	01/14/2022
Magnesium	0.880	0.823	"	"	"	KAP	"	"
Sodium	58.2	0.435	"	"	"	KAP	"	"

pH in Soil by 9045D

pH	7.98		pH Units	1	B2A1114	ACC	01/11/2022	01/12/2022
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SAR by 20B Saturated Paste

SAR	49.3		SAR	1	B2A1105	KAP	01/11/2022	01/14/2022
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	6.79	0.00500	mmhos/cm	1	B2A1111	ACC	01/11/2022	01/12/2022
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Origins Laboratory, Inc.



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Fremont Environmental

8305 6th St, PO Box 1289

Wellington CO 80549

Paul Henehan

Project Number: C021-028

Project: GWOC - Champlin 67F

SB-H 8ft

1/10/2022 12:00:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc. Y201128-06 (Soil)

Boron (DTPA Sorbitol)

Boron	3.59	0.199	mg/L	1	B2A1108	KAP	01/11/2022	01/12/2022
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Metals by Saturated Paste by EPA 6010

Calcium	0.684	0.499	meq/L	10	[CALC]	KAP	01/11/2022	01/14/2022
Magnesium	ND	0.823	"	"	"	KAP	"	"
Sodium	37.7	0.435	"	"	"	KAP	"	"

pH in Soil by 9045D

pH	8.35		pH Units	1	B2A1114	ACC	01/11/2022	01/12/2022
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SAR by 20B Saturated Paste

SAR	47.0		SAR	1	B2A1105	KAP	01/11/2022	01/14/2022
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	4.69	0.00500	mmhos/cm	1	B2A1111	ACC	01/11/2022	01/12/2022
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Origins Laboratory, Inc.



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Fremont Environmental

8305 6th St, PO Box 1289

Wellington CO 80549

Paul Henehan

Project Number: C021-028

Project: GWOC - Champlin 67F

SB-I 1ft

1/10/2022 12:00:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y201128-07 (Soil)

Boron (DTPA Sorbitol)

Boron	7.56	0.202	mg/L	1	B2A1419	CW	01/14/2022	01/17/2022
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Metals by Saturated Paste by EPA 6010

Calcium	1.72	0.499	meq/L	10	[CALC]	KAP	01/11/2022	01/14/2022
Magnesium	ND	0.823	"	"	"	KAP	"	"
Sodium	77.0	0.435	"	"	"	KAP	"	"

pH in Soil by 9045D

pH	7.56		pH Units	1	B2A1114	ACC	01/11/2022	01/12/2022
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SAR by 20B Saturated Paste

SAR	75.0		SAR	1	B2A1105	KAP	01/11/2022	01/14/2022
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	9.07	0.00500	mmhos/cm	1	B2A1111	ACC	01/11/2022	01/12/2022
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Origins Laboratory, Inc.



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Fremont Environmental

8305 6th St, PO Box 1289

Wellington CO 80549

Paul Henehan

Project Number: C021-028

Project: GWOC - Champlin 67F

SB-I 3ft

1/10/2022 12:00:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y201128-08 (Soil)

Boron (DTPA Sorbitol)

Boron	11.4	0.201	mg/L	1	B2A1108	KAP	01/11/2022	01/12/2022
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Metals by Saturated Paste by EPA 6010

Calcium	1.42	0.499	meq/L	10	[CALC]	KAP	01/11/2022	01/14/2022
Magnesium	ND	0.823	"	"	"	KAP	"	"
Sodium	69.1	0.435	"	"	"	KAP	"	"

pH in Soil by 9045D

pH	8.07		pH Units	1	B2A1114	ACC	01/11/2022	01/12/2022
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SAR by 20B Saturated Paste

SAR	72.8		SAR	1	B2A1105	KAP	01/11/2022	01/14/2022
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	7.54	0.00500	mmhos/cm	1	B2A1111	ACC	01/11/2022	01/12/2022
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Origins Laboratory, Inc.



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Fremont Environmental

8305 6th St, PO Box 1289

Wellington CO 80549

Paul Henehan

Project Number: C021-028

Project: GWOC - Champlin 67F

SB-I 8ft

1/10/2022 12:00:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y201128-09 (Soil)

Boron (DTPA Sorbitol)

Boron	4.43	0.198	mg/L	1	B2A1108	KAP	01/11/2022	01/12/2022
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Metals by Saturated Paste by EPA 6010

Calcium	1.51	0.499	meq/L	10	[CALC]	KAP	01/11/2022	01/14/2022
Magnesium	0.930	0.823	"	"	"	KAP	"	"
Sodium	68.4	0.435	"	"	"	KAP	"	"

pH in Soil by 9045D

pH	8.18		pH Units	1	B2A1114	ACC	01/11/2022	01/12/2022
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SAR by 20B Saturated Paste

SAR	62.0		SAR	1	B2A1105	KAP	01/11/2022	01/14/2022
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	7.26	0.00500	mmhos/cm	1	B2A1111	ACC	01/11/2022	01/12/2022
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Origins Laboratory, Inc.



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Fremont Environmental

8305 6th St, PO Box 1289

Wellington CO 80549

Paul Henehan

Project Number: C021-028

Project: GWOC - Champlin 67F

SB-J 1ft

1/10/2022 12:00:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y201128-10 (Soil)

Boron (DTPA Sorbitol)

Boron	2.63	0.198	mg/L	1	B2A1108	KAP	01/11/2022	01/12/2022
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Metals by Saturated Paste by EPA 6010

Calcium	1.39	0.499	meq/L	10	[CALC]	KAP	01/11/2022	01/14/2022
Magnesium	ND	0.823	"	"	"	KAP	"	"
Sodium	29.7	0.435	"	"	"	KAP	"	"

pH in Soil by 9045D

pH	7.99		pH Units	1	B2A1114	ACC	01/11/2022	01/12/2022
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SAR by 20B Saturated Paste

SAR	31.4		SAR	1	B2A1105	KAP	01/11/2022	01/14/2022
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	4.18	0.00500	mmhos/cm	1	B2A1111	ACC	01/11/2022	01/12/2022
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Origins Laboratory, Inc.



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Fremont Environmental

8305 6th St, PO Box 1289

Wellington CO 80549

Paul Henehan

Project Number: C021-028

Project: GWOC - Champlin 67F

SB-J 3ft

1/10/2022 12:00:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc. Y201128-11 (Soil)

Boron (DTPA Sorbitol)

Boron	6.16	0.199	mg/L	1	B2A1108	KAP	01/11/2022	01/12/2022
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Metals by Saturated Paste by EPA 6010

Calcium	ND	0.499	meq/L	10	[CALC]	KAP	01/11/2022	01/14/2022
Magnesium	ND	0.823	"	"	"	KAP	"	"
Sodium	24.1	0.435	"	"	"	KAP	"	"

pH in Soil by 9045D

pH	8.19		pH Units	1	B2A1114	ACC	01/11/2022	01/12/2022
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SAR by 20B Saturated Paste

SAR	39.6		SAR	1	B2A1105	KAP	01/11/2022	01/14/2022
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	3.29	0.00500	mmhos/cm	1	B2A1111	ACC	01/11/2022	01/12/2022
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Origins Laboratory, Inc.



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Fremont Environmental
8305 6th St, PO Box 1289
Wellington CO 80549

Paul Henehan
Project Number: C021-028
Project: GWOC - Champlin 67F

SB-J 8ft

1/10/2022 12:00:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc. Y201128-12 (Soil)

Boron (DTPA Sorbitol)

Boron	2.92	0.199	mg/L	1	B2A1108	KAP	01/11/2022	01/12/2022
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Metals by Saturated Paste by EPA 6010

Calcium	ND	0.499	meq/L	10	[CALC]	KAP	01/11/2022	01/14/2022
Magnesium	ND	0.823	"	"	"	KAP	"	"
Sodium	19.3	0.435	"	"	"	KAP	"	"

pH in Soil by 9045D

pH	8.68		pH Units	1	B2A1114	ACC	01/11/2022	01/12/2022
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SAR by 20B Saturated Paste

SAR	34.4		SAR	1	B2A1105	KAP	01/11/2022	01/14/2022
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	2.36	0.00500	mmhos/cm	1	B2A1111	ACC	01/11/2022	01/12/2022
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Fremont Environmental

8305 6th St, PO Box 1289

Wellington CO 80549

Paul Henehan

Project Number: C021-028

Project: GWOC - Champlin 67F

SB-K 1ft

1/10/2022 12:00:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc. Y201128-13 (Soil)

Boron (DTPA Sorbitol)

Boron	1.85	0.199	mg/L	1	B2A1108	KAP	01/11/2022	01/12/2022
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Metals by Saturated Paste by EPA 6010

Calcium	ND	0.499	meq/L	10	[CALC]	KAP	01/12/2022	01/13/2022
Magnesium	ND	0.823	"	"	"	KAP	"	"
Sodium	10.5	0.435	"	"	"	KAP	"	"

pH in Soil by 9045D

pH	7.90		pH Units	1	B2A1114	ACC	01/11/2022	01/12/2022
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SAR by 20B Saturated Paste

SAR	21.4		SAR	1	B2A1209	KAP	01/12/2022	01/13/2022
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	1.89	0.00500	mmhos/cm	1	B2A1111	ACC	01/11/2022	01/12/2022
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Fremont Environmental

8305 6th St, PO Box 1289

Wellington CO 80549

Paul Henehan

Project Number: C021-028

Project: GWOC - Champlin 67F

SB-K 3ft

1/10/2022 12:00:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc. Y201128-14 (Soil)

Boron (DTPA Sorbitol)

Boron	3.13	0.199	mg/L	1	B2A1108	KAP	01/11/2022	01/12/2022
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Metals by Saturated Paste by EPA 6010

Calcium	ND	0.499	meq/L	10	[CALC]	KAP	01/11/2022	01/14/2022
Magnesium	ND	0.823	"	"	"	KAP	"	"
Sodium	13.4	0.435	"	"	"	KAP	"	"

pH in Soil by 9045D

pH	8.56		pH Units	1	B2A1114	ACC	01/11/2022	01/12/2022
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SAR by 20B Saturated Paste

SAR	24.2		SAR	1	B2A1105	KAP	01/11/2022	01/14/2022
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	1.69	0.00500	mmhos/cm	1	B2A1111	ACC	01/11/2022	01/12/2022
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Fremont Environmental

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Wellington CO 80549

Paul Henehan

Project Number: C021-028

Project: GWOC - Champlin 67F

SB-K 8ft

1/10/2022 12:00:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc. Y201128-15 (Soil)

Boron (DTPA Sorbitol)

Boron	1.47	0.199	mg/L	1	B2A1108	KAP	01/11/2022	01/12/2022
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Metals by Saturated Paste by EPA 6010

Calcium	0.938	0.499	meq/L	10	[CALC]	KAP	01/11/2022	01/14/2022
Magnesium	0.848	0.823	"	"	"	KAP	"	"
Sodium	23.0	0.435	"	"	"	KAP	"	"

pH in Soil by 9045D

pH	8.27		pH Units	1	B2A1114	ACC	01/11/2022	01/12/2022
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SAR by 20B Saturated Paste

SAR	24.3		SAR	1	B2A1105	KAP	01/11/2022	01/14/2022
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	3.05	0.00500	mmhos/cm	1	B2A1111	ACC	01/11/2022	01/12/2022
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Fremont Environmental

8305 6th St, PO Box 1289

Wellington CO 80549

Paul Henehan

Project Number: C021-028

Project: GWOC - Champlin 67F

SB-L 1ft

1/10/2022 12:00:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y201128-16 (Soil)

Boron (DTPA Sorbitol)

Boron	0.742	0.201	mg/L	1	B2A1108	KAP	01/11/2022	01/12/2022
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Metals by Saturated Paste by EPA 6010

Calcium	2.08	0.499	meq/L	10	[CALC]	KAP	01/11/2022	01/14/2022
Magnesium	ND	0.823	"	"	"	KAP	"	"
Sodium	4.21	0.435	"	"	"	KAP	"	"

pH in Soil by 9045D

pH	7.95		pH Units	1	B2A1114	ACC	01/11/2022	01/12/2022
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SAR by 20B Saturated Paste

SAR	3.75		SAR	1	B2A1105	KAP	01/11/2022	01/14/2022
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.703	0.00500	mmhos/cm	1	B2A1111	ACC	01/11/2022	01/12/2022
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Fremont Environmental

8305 6th St, PO Box 1289

Wellington CO 80549

Paul Henehan

Project Number: C021-028

Project: GWOC - Champlin 67F

SB-L 3ft

1/10/2022 12:00:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y201128-17 (Soil)

Boron (DTPA Sorbitol)

Boron	0.553	0.198	mg/L	1	B2A1108	KAP	01/11/2022	01/12/2022
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Metals by Saturated Paste by EPA 6010

Calcium	1.57	0.499	meq/L	10	[CALC]	KAP	01/11/2022	01/14/2022
Magnesium	ND	0.823	"	"	"	KAP	"	"
Sodium	2.34	0.435	"	"	"	KAP	"	"

pH in Soil by 9045D

pH	8.04		pH Units	1	B2A1114	ACC	01/11/2022	01/12/2022
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SAR by 20B Saturated Paste

SAR	2.34		SAR	1	B2A1105	KAP	01/11/2022	01/14/2022
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.533	0.00500	mmhos/cm	1	B2A1111	ACC	01/11/2022	01/12/2022
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Fremont Environmental

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Wellington CO 80549

Paul Henehan

Project Number: C021-028

Project: GWOC - Champlin 67F

SB-L 8ft

1/10/2022 12:00:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y201128-18 (Soil)

Boron (DTPA Sorbitol)

Boron	3.77	0.200	mg/L	1	B2A1109	KAP	01/11/2022	01/12/2022
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Metals by Saturated Paste by EPA 6010

Calcium	ND	0.499	meq/L	10	[CALC]	KAP	01/11/2022	01/14/2022
Magnesium	ND	0.823	"	"	"	KAP	"	"
Sodium	15.8	0.435	"	"	"	KAP	"	"

pH in Soil by 9045D

pH	7.39		pH Units	1	B2A1114	ACC	01/11/2022	01/12/2022
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SAR by 20B Saturated Paste

SAR	28.7		SAR	1	B2A1105	KAP	01/11/2022	01/14/2022
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	1.37	0.00500	mmhos/cm	1	B2A1111	ACC	01/11/2022	01/12/2022
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Origins Laboratory, Inc.



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Fremont Environmental

8305 6th St, PO Box 1289

Wellington CO 80549

Paul Henehan

Project Number: C021-028

Project: GWOC - Champlin 67F

SB-M 1ft

1/10/2022 12:00:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc. Y201128-19 (Soil)

Boron (DTPA Sorbitol)

Boron	ND	1.96	mg/L	10	B2A1109	KAP	01/11/2022	01/12/2022
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Metals by Saturated Paste by EPA 6010

Calcium	0.833	0.499	meq/L	"	[CALC]	KAP	01/11/2022	01/12/2022
Magnesium	ND	0.823	"	"	"	KAP	"	"
Sodium	2.99	0.435	"	"	"	KAP	"	"

pH in Soil by 9045D

pH	7.31		pH Units	1	B2A1115	ACC	01/11/2022	01/12/2022
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SAR by 20B Saturated Paste

SAR	3.45		SAR	1	B2A1106	KAP	01/11/2022	01/12/2022
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.520	0.00500	mmhos/cm	1	B2A1112	ACC	01/11/2022	01/12/2022
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Fremont Environmental

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Wellington CO 80549

Paul Henehan

Project Number: C021-028

Project: GWOC - Champlin 67F

SB-M 3ft

1/10/2022 12:00:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc. Y201128-20 (Soil)

Boron (DTPA Sorbitol)

Boron	1.13	0.201	mg/L	1	B2A1109	KAP	01/11/2022	01/12/2022
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Metals by Saturated Paste by EPA 6010

Calcium	0.808	0.499	meq/L	10	[CALC]	KAP	01/11/2022	01/12/2022
Magnesium	ND	0.823	"	"	"	KAP	"	"
Sodium	4.45	0.435	"	"	"	KAP	"	"

pH in Soil by 9045D

pH	8.25		pH Units	1	B2A1115	ACC	01/11/2022	01/12/2022
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SAR by 20B Saturated Paste

SAR	4.96		SAR	1	B2A1106	KAP	01/11/2022	01/12/2022
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.608	0.00500	mmhos/cm	1	B2A1112	ACC	01/11/2022	01/12/2022
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Origins Laboratory, Inc.



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Wellington CO 80549

Paul Henehan

Project Number: C021-028

Project: GWOC - Champlin 67F

SB-M 8ft

1/10/2022 12:00:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc. Y201128-21 (Soil)

Boron (DTPA Sorbitol)

Boron	1.21	0.198	mg/L	1	B2A1109	KAP	01/11/2022	01/12/2022
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Metals by Saturated Paste by EPA 6010

Calcium	2.55	0.499	meq/L	10	[CALC]	KAP	01/11/2022	01/12/2022
Magnesium	2.07	0.823	"	"	"	KAP	"	"
Sodium	7.86	0.435	"	"	"	KAP	"	"

pH in Soil by 9045D

pH	8.08		pH Units	1	B2A1115	ACC	01/11/2022	01/12/2022
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SAR by 20B Saturated Paste

SAR	5.17		SAR	1	B2A1106	KAP	01/11/2022	01/12/2022
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	1.20	0.00500	mmhos/cm	1	B2A1112	ACC	01/11/2022	01/12/2022
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Fremont Environmental

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Wellington CO 80549

Paul Henehan

Project Number: C021-028

Project: GWOC - Champlin 67F

SB-N 1ft

1/10/2022 12:00:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc. Y201128-22 (Soil)

Boron (DTPA Sorbitol)

Boron	ND	1.98	mg/L	10	B2A1109	KAP	01/11/2022	01/12/2022
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Metals by Saturated Paste by EPA 6010

Calcium	7.30	0.499	meq/L	"	[CALC]	KAP	01/11/2022	01/12/2022
Magnesium	3.04	0.823	"	"	"	KAP	"	"
Sodium	9.19	0.435	"	"	"	KAP	"	"

pH in Soil by 9045D

pH	6.87		pH Units	1	B2A1115	ACC	01/11/2022	01/12/2022
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SAR by 20B Saturated Paste

SAR	4.04		SAR	1	B2A1106	KAP	01/11/2022	01/12/2022
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	1.98	0.00500	mmhos/cm	1	B2A1112	ACC	01/11/2022	01/12/2022
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Paul Henehan

Project Number: C021-028

Project: GWOC - Champlin 67F

SB-N 3ft

1/10/2022 12:00:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc. Y201128-23 (Soil)

Boron (DTPA Sorbitol)

Boron	0.482	0.201	mg/L	1	B2A1109	KAP	01/11/2022	01/12/2022
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Metals by Saturated Paste by EPA 6010

Calcium	12.0	0.499	meq/L	10	[CALC]	KAP	01/11/2022	01/12/2022
Magnesium	8.37	0.823	"	"	"	KAP	"	"
Sodium	7.01	0.435	"	"	"	KAP	"	"

pH in Soil by 9045D

pH	7.57		pH Units	1	B2A1115	ACC	01/11/2022	01/12/2022
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SAR by 20B Saturated Paste

SAR	2.20		SAR	1	B2A1106	KAP	01/11/2022	01/12/2022
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	2.93	0.00500	mmhos/cm	1	B2A1112	ACC	01/11/2022	01/12/2022
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Project Number: C021-028

Project: GWOC - Champlin 67F

SB-N 8ft

1/10/2022 12:00:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc. Y201128-24 (Soil)

Boron (DTPA Sorbitol)

Boron	1.38	0.197	mg/L	1	B2A1109	KAP	01/11/2022	01/12/2022
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Metals by Saturated Paste by EPA 6010

Calcium	13.4	0.499	meq/L	10	[CALC]	KAP	01/11/2022	01/12/2022
Magnesium	17.2	0.823	"	"	"	KAP	"	"
Sodium	14.0	0.435	"	"	"	KAP	"	"

pH in Soil by 9045D

pH	7.61		pH Units	1	B2A1115	ACC	01/11/2022	01/12/2022
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SAR by 20B Saturated Paste

SAR	3.59		SAR	1	B2A1106	KAP	01/11/2022	01/12/2022
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	4.82	0.00500	mmhos/cm	1	B2A1112	ACC	01/11/2022	01/12/2022
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8305 6th St, PO Box 1289

Wellington CO 80549

Paul Henehan

Project Number: C021-028

Project: GWOC - Champlin 67F

SB-O 1ft

1/10/2022 12:00:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc. Y201128-25 (Soil)

Boron (DTPA Sorbitol)

Boron	1.03	0.199	mg/L	1	B2A1109	KAP	01/11/2022	01/12/2022
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Metals by Saturated Paste by EPA 6010

Calcium	8.57	0.499	meq/L	10	[CALC]	KAP	01/11/2022	01/12/2022
Magnesium	2.26	0.823	"	"	"	KAP	"	"
Sodium	51.8	0.435	"	"	"	KAP	"	"

pH in Soil by 9045D

pH	7.74		pH Units	1	B2A1115	ACC	01/11/2022	01/12/2022
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SAR by 20B Saturated Paste

SAR	22.3		SAR	1	B2A1106	KAP	01/11/2022	01/12/2022
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	6.43	0.00500	mmhos/cm	1	B2A1112	ACC	01/11/2022	01/12/2022
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Origins Laboratory, Inc.



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.

Fremont Environmental

8305 6th St, PO Box 1289

Wellington CO 80549

Paul Henehan

Project Number: C021-028

Project: GWOC - Champlin 67F

SB-O 3ft

1/10/2022 12:00:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc. Y201128-26 (Soil)

Boron (DTPA Sorbitol)

Boron	0.476	0.198	mg/L	1	B2A1109	KAP	01/11/2022	01/12/2022
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Metals by Saturated Paste by EPA 6010

Calcium	21.5	0.499	meq/L	10	[CALC]	KAP	01/11/2022	01/12/2022
Magnesium	18.1	0.823	"	"	"	KAP	"	"
Sodium	36.7	0.435	"	"	"	KAP	"	"

pH in Soil by 9045D

pH	7.52		pH Units	1	B2A1115	ACC	01/11/2022	01/12/2022
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SAR by 20B Saturated Paste

SAR	8.24		SAR	1	B2A1106	KAP	01/11/2022	01/12/2022
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	8.17	0.00500	mmhos/cm	1	B2A1112	ACC	01/11/2022	01/12/2022
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Origins Laboratory, Inc.



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Fremont Environmental

8305 6th St, PO Box 1289

Wellington CO 80549

Paul Henehan

Project Number: C021-028

Project: GWOC - Champlin 67F

SB-O 8ft

1/10/2022 12:00:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc. Y201128-27 (Soil)

Boron (DTPA Sorbitol)

Boron	0.694	0.198	mg/L	1	B2A1109	KAP	01/11/2022	01/12/2022
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Metals by Saturated Paste by EPA 6010

Calcium	17.3	0.499	meq/L	10	[CALC]	KAP	01/11/2022	01/12/2022
Magnesium	22.9	0.823	"	"	"	KAP	"	"
Sodium	28.6	0.435	"	"	"	KAP	"	"

pH in Soil by 9045D

pH	7.58		pH Units	1	B2A1115	ACC	01/11/2022	01/12/2022
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SAR by 20B Saturated Paste

SAR	6.39		SAR	1	B2A1106	KAP	01/11/2022	01/12/2022
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	7.76	0.00500	mmhos/cm	1	B2A1112	ACC	01/11/2022	01/12/2022
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Origins Laboratory, Inc.



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Fremont Environmental

8305 6th St, PO Box 1289

Wellington CO 80549

Paul Henehan

Project Number: C021-028

Project: GWOC - Champlin 67F

SB-P 1ft

1/10/2022 12:00:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc. Y201128-28 (Soil)

Boron (DTPA Sorbitol)

Boron	0.355	0.197	mg/L	1	B2A1109	KAP	01/11/2022	01/12/2022
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Metals by Saturated Paste by EPA 6010

Calcium	3.44	0.499	meq/L	10	[CALC]	KAP	01/11/2022	01/12/2022
Magnesium	ND	0.823	"	"	"	KAP	"	"
Sodium	36.7	0.435	"	"	"	KAP	"	"

pH in Soil by 9045D

pH	8.03		pH Units	1	B2A1115	ACC	01/11/2022	01/12/2022
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SAR by 20B Saturated Paste

SAR	25.4		SAR	1	B2A1106	KAP	01/11/2022	01/12/2022
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	4.48	0.00500	mmhos/cm	1	B2A1112	ACC	01/11/2022	01/12/2022
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Origins Laboratory, Inc.



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Fremont Environmental

8305 6th St, PO Box 1289

Wellington CO 80549

Paul Henehan

Project Number: C021-028

Project: GWOC - Champlin 67F

SB-P 3ft

1/10/2022 12:00:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc. Y201128-29 (Soil)

Boron (DTPA Sorbitol)

Boron	0.381	0.201	mg/L	1	B2A1109	KAP	01/11/2022	01/12/2022
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Metals by Saturated Paste by EPA 6010

Calcium	23.3	0.499	meq/L	10	[CALC]	KAP	01/11/2022	01/12/2022
Magnesium	17.5	0.823	"	"	"	KAP	"	"
Sodium	60.0	0.435	"	"	"	KAP	"	"

pH in Soil by 9045D

pH	7.47		pH Units	1	B2A1115	ACC	01/11/2022	01/12/2022
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SAR by 20B Saturated Paste

SAR	13.3		SAR	1	B2A1106	KAP	01/11/2022	01/12/2022
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	10.7	0.00500	mmhos/cm	1	B2A1112	ACC	01/11/2022	01/12/2022
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Origins Laboratory, Inc.



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Fremont Environmental

8305 6th St, PO Box 1289

Wellington CO 80549

Paul Henehan

Project Number: C021-028

Project: GWOC - Champlin 67F

SB-P 8ft

1/10/2022 12:00:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc. Y201128-30 (Soil)

Boron (DTPA Sorbitol)

Boron	0.871	0.198	mg/L	1	B2A1109	KAP	01/11/2022	01/12/2022
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Metals by Saturated Paste by EPA 6010

Calcium	31.1	0.499	meq/L	10	[CALC]	KAP	01/11/2022	01/12/2022
Magnesium	44.1	0.823	"	"	"	KAP	"	"
Sodium	80.3	0.435	"	"	"	KAP	"	"

pH in Soil by 9045D

pH	7.55		pH Units	1	B2A1115	ACC	01/11/2022	01/12/2022
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SAR by 20B Saturated Paste

SAR	13.1		SAR	1	B2A1106	KAP	01/11/2022	01/12/2022
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	15.6	0.00500	mmhos/cm	1	B2A1112	ACC	01/11/2022	01/12/2022
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Origins Laboratory, Inc.



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Fremont Environmental

8305 6th St, PO Box 1289

Wellington CO 80549

Paul Henehan

Project Number: C021-028

Project: GWOC - Champlin 67F

SB-Backaroud 1ft

1/10/2022 12:00:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc. Y201128-31 (Soil)

Boron (DTPA Sorbitol)

Boron	ND	2.02	mg/L	10	B2A1109	KAP	01/11/2022	01/12/2022
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Metals by Saturated Paste by EPA 6010

Calcium	1.65	0.499	meq/L	"	[CALC]	KAP	01/11/2022	01/12/2022
Magnesium	1.01	0.823	"	"	"	KAP	"	"
Sodium	0.474	0.435	"	"	"	KAP	"	"

pH in Soil by 9045D

pH	7.69		pH Units	1	B2A1115	ACC	01/11/2022	01/12/2022
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SAR by 20B Saturated Paste

SAR	0.411		SAR	1	B2A1106	KAP	01/11/2022	01/12/2022
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.283	0.00500	mmhos/cm	1	B2A1112	ACC	01/11/2022	01/12/2022
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Origins Laboratory, Inc.



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Fremont Environmental

8305 6th St, PO Box 1289

Wellington CO 80549

Paul Henehan

Project Number: C021-028

Project: GWOC - Champlin 67F

SB-Backaroud 3ft

1/10/2022 12:00:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc. Y201128-32 (Soil)

Boron (DTPA Sorbitol)

Boron	0.395	0.197	mg/L	1	B2A1109	KAP	01/11/2022	01/12/2022
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Metals by Saturated Paste by EPA 6010

Calcium	1.56	0.499	meq/L	10	[CALC]	KAP	01/11/2022	01/12/2022
Magnesium	1.16	0.823	"	"	"	KAP	"	"
Sodium	0.470	0.435	"	"	"	KAP	"	"

pH in Soil by 9045D

pH	7.98		pH Units	1	B2A1115	ACC	01/11/2022	01/12/2022
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SAR by 20B Saturated Paste

SAR	0.403		SAR	1	B2A1106	KAP	01/11/2022	01/12/2022
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.299	0.00500	mmhos/cm	1	B2A1112	ACC	01/11/2022	01/12/2022
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Origins Laboratory, Inc.



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Fremont Environmental

8305 6th St, PO Box 1289

Wellington CO 80549

Paul Henehan

Project Number: C021-028

Project: GWOC - Champlin 67F

SB-Backaroud 8ft

1/10/2022 12:00:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc. Y201128-33 (Soil)

Boron (DTPA Sorbitol)

Boron	2.26	0.200	mg/L	1	B2A1109	KAP	01/11/2022	01/12/2022
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Metals by Saturated Paste by EPA 6010

Calcium	ND	0.499	meq/L	10	[CALC]	KAP	01/11/2022	01/12/2022
Magnesium	ND	0.823	"	"	"	KAP	"	"
Sodium	7.37	0.435	"	"	"	KAP	"	"

pH in Soil by 9045D

pH	8.73		pH Units	1	B2A1115	ACC	01/11/2022	01/12/2022
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SAR by 20B Saturated Paste

SAR	11.3		SAR	1	B2A1106	KAP	01/11/2022	01/12/2022
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.727	0.00500	mmhos/cm	1	B2A1112	ACC	01/11/2022	01/12/2022
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Origins Laboratory, Inc.



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Fremont Environmental
8305 6th St, PO Box 1289
Wellington CO 80549

Paul Henehan
Project Number: C021-028
Project: GWOC - Champlin 67F

Saturated Paste - Quality Control Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B2A1111 - NO PREP										
Blank (B2A1111-BLK1)					Prepared: 01/11/2022 Analyzed: 01/12/2022					
Specific Conductance (EC)	0.00130	0.00500	mmhos/cm							
Duplicate (B2A1111-DUP1)					Source: Y201125-03 Prepared: 01/11/2022 Analyzed: 01/12/2022					
Specific Conductance (EC)	0.605	0.00500	mmhos/cm		0.611			0.937	25	
Batch B2A1112 - NO PREP										
Blank (B2A1112-BLK1)					Prepared: 01/11/2022 Analyzed: 01/12/2022					
Specific Conductance (EC)	0.000900	0.00500	mmhos/cm							
Duplicate (B2A1112-DUP1)					Source: Y201128-19 Prepared: 01/11/2022 Analyzed: 01/12/2022					
Specific Conductance (EC)	0.660	0.00500	mmhos/cm		0.520			23.7	25	
Batch B2A1114 - NO PREP										
Duplicate (B2A1114-DUP1)					Source: Y201125-03 Prepared: 01/11/2022 Analyzed: 01/12/2022					
pH	8.42		pH Units		8.45			0.356	25	
Batch B2A1115 - NO PREP										
Duplicate (B2A1115-DUP1)					Source: Y201128-19 Prepared: 01/11/2022 Analyzed: 01/12/2022					
pH	7.49		pH Units		7.31			2.43	25	

Origins Laboratory, Inc.



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Fremont Environmental
8305 6th St, PO Box 1289
Wellington CO 80549

Paul Henehan
Project Number: C021-028
Project: GWOC - Champlin 67F

Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

All soil results are reported at a wet weight basis.

Origins Laboratory, Inc.



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.



March 03, 2022

Fremont Environmental

Paul Henehan

8305 6th St, PO Box 1289

Wellington CO 80549

Project Name - GWOC - Champlin 67

Project Number - C021-028

Attached are your analytical results for GWOC - Champlin 67 received by Origins Laboratory, Inc. February 23, 2022. This project is associated with Origins project number Y202506-01.

The analytical results in the following report were analyzed under the guidelines of EPA Methods. These methods are identified as follows; "SW" are defined in SW-846, "EPA" are defined in 40CFR part 136 and "SM" are defined in the most current revision of Standard Methods For the Examination of Water and Wastewater.

The analytical results apply specifically to the samples and analyses specified per the attached Chain of Custody. As such, this report shall not be reproduced except in full, without the written approval of Origin's laboratory.

Unless otherwise noted, the analytical results for all soil samples are reported on a wet weight basis. All analytical analyses were performed under NELAP guidelines unless noted by a data qualifier.

Any holding time exceedances, deviations from the method specifications or deviations from Origins Laboratory's Standard Operating Procedures are outlined in the case narrative.

Thank you for selecting Origins for your analytical needs. Please contact us with any questions concerning this report, or if we can help with anything at all.

Origins Laboratory, Inc.
303.433.1322
o-squad@oelabinc.com



1725 Elk Place, Denver, CO 80211 | Phone: 303.433.1322 | Fax: 303.265.9645

Fremont Environmental
8305 6th St, PO Box 1289
Wellington CO 80549

Paul Henehan
Project Number: C021-028
Project: GWOC - Champlin 67

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SB-Q 1Ft	Y202506-01	Soil	February 22, 2022 0:00	02/23/2022 13:00
SB-Q 3Ft	Y202506-02	Soil	February 22, 2022 0:00	02/23/2022 13:00
SB-Q 8Ft	Y202506-03	Soil	February 22, 2022 0:00	02/23/2022 13:00
SB-R 1Ft	Y202506-04	Soil	February 22, 2022 0:00	02/23/2022 13:00
SB-R 3Ft	Y202506-05	Soil	February 22, 2022 0:00	02/23/2022 13:00
SB-R 8Ft	Y202506-06	Soil	February 22, 2022 0:00	02/23/2022 13:00
SB-S 1Ft	Y202506-07	Soil	February 22, 2022 0:00	02/23/2022 13:00
SB-S 3Ft	Y202506-08	Soil	February 22, 2022 0:00	02/23/2022 13:00
SB-S 8Ft	Y202506-09	Soil	February 22, 2022 0:00	02/23/2022 13:00
SB-T 1Ft	Y202506-10	Soil	February 22, 2022 0:00	02/23/2022 13:00
SB-T 3Ft	Y202506-11	Soil	February 22, 2022 0:00	02/23/2022 13:00
SB-T 8Ft	Y202506-12	Soil	February 22, 2022 0:00	02/23/2022 13:00
SB-U 1Ft	Y202506-13	Soil	February 22, 2022 0:00	02/23/2022 13:00
SB-U 3Ft	Y202506-14	Soil	February 22, 2022 0:00	02/23/2022 13:00

Origins Laboratory, Inc.



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Fremont Environmental

8305 6th St, PO Box 1289

Wellington CO 80549

Paul Henehan

Project Number: C021-028

Project: GWOC - Champlin 67

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SB-U 8Ft	Y202506-15	Soil	February 22, 2022 0:00	02/23/2022 13:00
SB-V 1Ft	Y202506-16	Soil	February 22, 2022 0:00	02/23/2022 13:00
SB-V 3Ft	Y202506-17	Soil	February 22, 2022 0:00	02/23/2022 13:00
SB-V 8Ft	Y202506-18	Soil	February 22, 2022 0:00	02/23/2022 13:00

Origins Laboratory, Inc.



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Fremont Environmental
8305 6th St, PO Box 1289
Wellington CO 80549

Paul Henehan
Project Number: C021-028
Project: GWOC - Champlin 67

ORIGINS
LABORATORY, INC

720506

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page 1 of 2

Client: Fremont Environmental Inc.
Address:
Telephone Number:
Email Address:

Project Manager: Henehan
Project Name: GWOC - CHAMPLIN 67
Project Number: C021-028
Samples Collected By: HENEHAN

Sample ID Description	Date Sampled	Time Sampled	# of Containers	Preservative				Matrix			Analysis				Sample Instructions					
				Unpreserved	HCl	HNO ₃	Other	Groundwater	Soil	Air Sample	Other	GT/XXN+TMBs	DRO/ORO	PATs		PLT, EC/SAR	Boron	915 metals	Arsenic	BT/XXN+TMBs
SB-Q 1 FT	2/22/22		2																	1
SB-Q 3 FT																				2
SB-Q 8 FT																				3
SB-R 1 FT																				4
SB-R 3 FT																				5
SB-R 8 FT																				6
SB-S 1 FT																				7
SB-S 3 FT																				8
SB-S 8 FT																				9
SB-T 1 FT																				10
Relinquished By: [Signature]	Date: 2/23/22																			
Relinquished By: [Signature]	Date: 2/23/22																			

Date Results Needed

4.6

Origins Laboratory, Inc.

[Signature]

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.

Fremont Environmental
8305 6th St, PO Box 1289
Wellington CO 80549

Paul Henahan
Project Number: C021-028
Project: GWOC - Champlin 67

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page 2 of 2

1725 Elk Place
Denver, CO 80211
Phone: 303.433.1322
Fax: 303.265.9645

ORIGINS
LABORATORY, INC

Client: Fremont Environmental Inc.
Address:
Telephone Number:
Email Address:

Project Manager: Henahan
Project Name: GWOC - CHAMPLIN 67
Project Number: C021-028
Samples Collected By: HENAHAN

Sample ID Description	Date Sampled	Time Sampled	# of Containers	Preservative	Matrix	Analysis	Sample Instructions
SB-T 3 FT	2/22/22		2	Unpreserved	Soil	PTL, EC, SAR	1
SB-T 8 FT				HNO ₃	Groundwater	PTL, EC, SAR	2
SB-U 1 FT				HCl	Other	PTL, EC, SAR	3
SB-U 3 FT				Unpreserved	Soil	PTL, EC, SAR	4
SB-U 8 FT				HNO ₃	Groundwater	PTL, EC, SAR	5
SB-V 1 FT				HCl	Other	PTL, EC, SAR	6
SB-V 3 FT				Unpreserved	Soil	PTL, EC, SAR	7
SB-V 8 FT				HNO ₃	Groundwater	PTL, EC, SAR	8
				HCl	Other	PTL, EC, SAR	9
				Unpreserved	Soil	PTL, EC, SAR	10
Relinquished By: [Signature]	Date: 2/23/22	Time:	Received By: [Signature]	Date: 2/23/22	Time: 1300	Turnaround Time: Same Day <input type="checkbox"/> 24 Hr <input type="checkbox"/> 48 Hr <input type="checkbox"/> 72 Hr <input checked="" type="checkbox"/> Standard	
Relinquished By:	Date:	Time:	Received By:	Date:	Time:		

Date Results Needed

4.6

Origins Laboratory, Inc.

[Signature]

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Fremont Environmental

8305 6th St, PO Box 1289

Wellington CO 80549

Paul Henehan

Project Number: C021-028

Project: GWOC - Champlin 67

Origins Laboratory

F-012207-01-R1

Effective Date: 01/09/12

Sample Receipt Checklist

Origins Work Order: Y202506

Client: Fremont

Client Project ID: Champlin 67

Checklist Completed by: JB

Shipped Via: HD

Date/time completed: 2/23/22

(UPS, FedEx, Hand Delivered, Pick-up, etc.)

Airbill #: N/A

Matrix(s) Received: (Check all that apply): ☒ Soil/Solid ☐ Water ☐ Other: _____

Cooler Number/Temperature: 1, 4.6 °C _____ °C _____ °C (Describe) _____ °C

Thermometer ID: T003

Requirement Description	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature between 0°C to ≤ 6°C ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Is there ice present (document if blue ice is used)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Are custody seals present on cooler? (if so, document in comments if they are signed and dated, broken or intact)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Are custody seals present on each sample container? (if so, document in comments if they are signed and dated, broken or intact)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
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"/>	
Are short holding time analytes or samples with HTs due within 48 hours present ⁽¹⁾ ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Is a chain-of-custody (COC) present and filled out completely ⁽¹⁾ ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	No Sample Times
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 with date and time recorded ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
For volatiles in water – is there headspace (> ¼ inch bubble) present? If yes, contact client and note in narrative.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Are samples preserved that require preservation and was it checked ⁽¹⁾ ? (note ID of confirmation instrument used in comments) / (preservation is not confirmed for subcontracted analyses in order to insure sample integrity)/pH < 2 for samples preserved with HNO ₃ , HCl, H ₂ SO ₄ / (pH > 10 for samples preserved with NaAsO ₂ +NaOH, ZnAc+NaOH)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Additional Comments (if any):				

⁽¹⁾ If NO, then contact the client before proceeding with analysis and note date/time and person contacted as well as the corrective action to in the additional comments (above) and the case narrative.

Reviewed by (Project Manager) JB

Date/Time Reviewed 2-24-22

Origins Laboratory, Inc.

Jordan A. Merrill

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Fremont Environmental
8305 6th St, PO Box 1289
Wellington CO 80549

Paul Henehan
Project Number: C021-028
Project: GWOC - Champlin 67

SB-Q 1Ft**2/22/2022 12:00:00AM**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Y202506-01 (Soil)
Origins Laboratory, Inc.****Boron (DTPA Sorbitol)**

Boron	0.118	0.0985	mg/L	1	B2B2324	KAP	02/23/2022	02/24/2022
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Metals by Saturated Paste by EPA 6010

Calcium	1.11	0.499	meq/L	10	[CALC]	KAP	02/24/2022	02/25/2022
Magnesium	ND	0.823	"	"	"	KAP	"	"
Sodium	ND	0.435	"	"	"	KAP	"	"

pH in Soil by 9045D

pH	7.49		pH Units	1	B2B2412	ACC	02/24/2022	02/25/2022
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SAR by 20B Saturated Paste

SAR	0.214		SAR	1	B2B2403	KAP	02/24/2022	02/25/2022
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.137	0.00500	mmhos/cm	1	B2B2411	ACC	02/24/2022	02/25/2022
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Origins Laboratory, Inc.



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Fremont Environmental

8305 6th St, PO Box 1289

Wellington CO 80549

Paul Henehan

Project Number: C021-028

Project: GWOC - Champlin 67

SB-Q 3Ft

2/22/2022 12:00:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Y202506-02 (Soil)

Origins Laboratory, Inc.

Boron (DTPA Sorbitol)

Boron	0.380	0.0999	mg/L	1	B2B2324	KAP	02/23/2022	02/24/2022
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Metals by Saturated Paste by EPA 6010

Calcium	1.05	0.499	meq/L	10	[CALC]	KAP	02/24/2022	02/25/2022
Magnesium	ND	0.823	"	"	"	KAP	"	"
Sodium	0.705	0.435	"	"	"	KAP	"	"

pH in Soil by 9045D

pH	8.03		pH Units	1	B2B2412	ACC	02/24/2022	02/25/2022
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SAR by 20B Saturated Paste

SAR	0.754		SAR	1	B2B2403	KAP	02/24/2022	02/25/2022
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.246	0.00500	mmhos/cm	1	B2B2411	ACC	02/24/2022	02/25/2022
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Origins Laboratory, Inc.



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Fremont Environmental
8305 6th St, PO Box 1289
Wellington CO 80549

Paul Henehan
Project Number: C021-028
Project: GWOC - Champlin 67

SB-Q 8Ft**2/22/2022 12:00:00AM**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Y202506-03 (Soil)
Origins Laboratory, Inc.**Boron (DTPA Sorbitol)**

Boron	1.36	0.0987	mg/L	1	B2B2324	KAP	02/23/2022	02/24/2022
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Metals by Saturated Paste by EPA 6010

Calcium	ND	0.499	meq/L	10	[CALC]	KAP	02/24/2022	02/25/2022
Magnesium	ND	0.823	"	"	"	KAP	"	"
Sodium	3.65	0.435	"	"	"	KAP	"	"

pH in Soil by 9045D

pH	8.38		pH Units	1	B2B2412	ACC	02/24/2022	02/25/2022
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SAR by 20B Saturated Paste

SAR	5.17		SAR	1	B2B2403	KAP	02/24/2022	02/25/2022
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.444	0.00500	mmhos/cm	1	B2B2411	ACC	02/24/2022	02/25/2022
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Origins Laboratory, Inc.



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Fremont Environmental

8305 6th St, PO Box 1289

Wellington CO 80549

Paul Henehan

Project Number: C021-028

Project: GWOC - Champlin 67

SB-R 1Ft

2/22/2022 12:00:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Y202506-04 (Soil)

Origins Laboratory, Inc.

Boron (DTPA Sorbitol)

Boron	1.01	1.01	mg/L	10	B2B2324	KAP	02/23/2022	02/24/2022
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Metals by Saturated Paste by EPA 6010

Calcium	ND	0.499	meq/L	"	[CALC]	KAP	02/24/2022	02/25/2022
Magnesium	ND	0.823	"	"	"	KAP	"	"
Sodium	1.33	0.435	"	"	"	KAP	"	"

pH in Soil by 9045D

pH	8.01		pH Units	1	B2B2412	ACC	02/24/2022	02/25/2022
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SAR by 20B Saturated Paste

SAR	3.28		SAR	1	B2B2403	KAP	02/24/2022	02/25/2022
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.189	0.00500	mmhos/cm	1	B2B2411	ACC	02/24/2022	02/25/2022
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Origins Laboratory, Inc.



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Fremont Environmental
8305 6th St, PO Box 1289
Wellington CO 80549

Paul Henehan
Project Number: C021-028
Project: GWOC - Champlin 67

SB-R 3Ft**2/22/2022 12:00:00AM**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Y202506-05 (Soil)
Origins Laboratory, Inc.****Boron (DTPA Sorbitol)**

Boron	1.11	0.0990	mg/L	1	B2B2324	KAP	02/23/2022	02/24/2022
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Metals by Saturated Paste by EPA 6010

Calcium	ND	0.499	meq/L	10	[CALC]	KAP	02/24/2022	02/25/2022
Magnesium	ND	0.823	"	"	"	KAP	"	"
Sodium	4.71	0.435	"	"	"	KAP	"	"

pH in Soil by 9045D

pH	8.67		pH Units	1	B2B2412	ACC	02/24/2022	02/25/2022
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SAR by 20B Saturated Paste

SAR	8.34		SAR	1	B2B2403	KAP	02/24/2022	02/25/2022
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.500	0.00500	mmhos/cm	1	B2B2411	ACC	02/24/2022	02/25/2022
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Fremont Environmental

8305 6th St, PO Box 1289

Wellington CO 80549

Paul Henehan

Project Number: C021-028

Project: GWOC - Champlin 67

SB-R 8Ft

2/22/2022 12:00:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Y202506-06 (Soil)

Origins Laboratory, Inc.

Boron (DTPA Sorbitol)

Boron	1.24	0.0987	mg/L	1	B2B2324	KAP	02/23/2022	02/24/2022
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Metals by Saturated Paste by EPA 6010

Calcium	18.4	0.499	meq/L	10	[CALC]	KAP	02/24/2022	02/25/2022
Magnesium	15.0	0.823	"	"	"	KAP	"	"
Sodium	21.7	0.435	"	"	"	KAP	"	"

pH in Soil by 9045D

pH	7.69		pH Units	1	B2B2412	ACC	02/24/2022	02/25/2022
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SAR by 20B Saturated Paste

SAR	5.30		SAR	1	B2B2403	KAP	02/24/2022	02/25/2022
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	4.16	0.00500	mmhos/cm	1	B2B2411	ACC	02/24/2022	02/25/2022
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Origins Laboratory, Inc.



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Fremont Environmental

8305 6th St, PO Box 1289

Wellington CO 80549

Paul Henehan

Project Number: C021-028

Project: GWOC - Champlin 67

SB-S 1Ft

2/22/2022 12:00:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Y202506-07 (Soil)

Origins Laboratory, Inc.

Boron (DTPA Sorbitol)

Boron	ND	1.00	mg/L	10	B2B2324	KAP	02/23/2022	02/24/2022
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Metals by Saturated Paste by EPA 6010

Calcium	0.818	0.499	meq/L	"	[CALC]	KAP	02/24/2022	02/25/2022
Magnesium	ND	0.823	"	"	"	KAP	"	"
Sodium	2.18	0.435	"	"	"	KAP	"	"

pH in Soil by 9045D

pH	7.66		pH Units	1	B2B2412	ACC	02/24/2022	02/25/2022
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SAR by 20B Saturated Paste

SAR	2.68		SAR	1	B2B2403	KAP	02/24/2022	02/25/2022
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.347	0.00500	mmhos/cm	1	B2B2411	ACC	02/24/2022	02/25/2022
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Origins Laboratory, Inc.



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Fremont Environmental
8305 6th St, PO Box 1289
Wellington CO 80549

Paul Henehan
Project Number: C021-028
Project: GWOC - Champlin 67

SB-S 3Ft**2/22/2022 12:00:00AM**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Y202506-08 (Soil)
Origins Laboratory, Inc.****Boron (DTPA Sorbitol)**

Boron	0.966	0.0985	mg/L	1	B2B2324	KAP	02/23/2022	02/24/2022
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Metals by Saturated Paste by EPA 6010

Calcium	ND	0.499	meq/L	10	[CALC]	KAP	02/24/2022	02/25/2022
Magnesium	ND	0.823	"	"	"	KAP	"	"
Sodium	4.36	0.435	"	"	"	KAP	"	"

pH in Soil by 9045D

pH	8.53		pH Units	1	B2B2412	ACC	02/24/2022	02/25/2022
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SAR by 20B Saturated Paste

SAR	6.69		SAR	1	B2B2403	KAP	02/24/2022	02/25/2022
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.508	0.00500	mmhos/cm	1	B2B2411	ACC	02/24/2022	02/25/2022
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Origins Laboratory, Inc.



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Fremont Environmental

8305 6th St, PO Box 1289

Wellington CO 80549

Paul Henehan

Project Number: C021-028

Project: GWOC - Champlin 67

SB-S 8Ft

2/22/2022 12:00:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Y202506-09 (Soil)

Origins Laboratory, Inc.

Boron (DTPA Sorbitol)

Boron	1.32	0.0985	mg/L	1	B2B2324	KAP	02/23/2022	02/24/2022
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Metals by Saturated Paste by EPA 6010

Calcium	7.53	0.499	meq/L	10	[CALC]	KAP	02/24/2022	02/25/2022
Magnesium	7.03	0.823	"	"	"	KAP	"	"
Sodium	22.2	0.435	"	"	"	KAP	"	"

pH in Soil by 9045D

pH	7.91		pH Units	1	B2B2412	ACC	02/24/2022	02/25/2022
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SAR by 20B Saturated Paste

SAR	8.22		SAR	1	B2B2403	KAP	02/24/2022	02/25/2022
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	3.30	0.00500	mmhos/cm	1	B2B2411	ACC	02/24/2022	02/25/2022
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Fremont Environmental
8305 6th St, PO Box 1289
Wellington CO 80549

Paul Henehan
Project Number: C021-028
Project: GWOC - Champlin 67

SB-T 1Ft**2/22/2022 12:00:00AM**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Y202506-10 (Soil)
Origins Laboratory, Inc.****Boron (DTPA Sorbitol)**

Boron	0.336	0.0988	mg/L	1	B2B2324	KAP	02/23/2022	02/24/2022
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Metals by Saturated Paste by EPA 6010

Calcium	1.98	0.499	meq/L	10	[CALC]	KAP	02/24/2022	02/25/2022
Magnesium	0.971	0.823	"	"	"	KAP	"	"
Sodium	ND	0.435	"	"	"	KAP	"	"

pH in Soil by 9045D

pH	7.68		pH Units	1	B2B2412	ACC	02/24/2022	02/25/2022
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SAR by 20B Saturated Paste

SAR	0.311		SAR	1	B2B2403	KAP	02/24/2022	02/25/2022
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.419	0.00500	mmhos/cm	1	B2B2411	ACC	02/24/2022	02/25/2022
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Fremont Environmental

8305 6th St, PO Box 1289

Wellington CO 80549

Paul Henehan

Project Number: C021-028

Project: GWOC - Champlin 67

SB-T 3Ft

2/22/2022 12:00:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Y202506-11 (Soil)

Origins Laboratory, Inc.

Boron (DTPA Sorbitol)

Boron	0.496	0.0991	mg/L	1	B2B2324	KAP	02/23/2022	02/24/2022
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Metals by Saturated Paste by EPA 6010

Calcium	0.828	0.499	meq/L	10	[CALC]	KAP	02/24/2022	02/25/2022
Magnesium	0.963	0.823	"	"	"	KAP	"	"
Sodium	1.36	0.435	"	"	"	KAP	"	"

pH in Soil by 9045D

pH	8.23		pH Units	1	B2B2412	ACC	02/24/2022	02/25/2022
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SAR by 20B Saturated Paste

SAR	1.44		SAR	1	B2B2403	KAP	02/24/2022	02/25/2022
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.284	0.00500	mmhos/cm	1	B2B2411	ACC	02/24/2022	02/25/2022
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Origins Laboratory, Inc.



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Fremont Environmental

8305 6th St, PO Box 1289

Wellington CO 80549

Paul Henehan

Project Number: C021-028

Project: GWOC - Champlin 67

SB-T 8Ft

2/22/2022 12:00:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Y202506-12 (Soil)

Origins Laboratory, Inc.

Boron (DTPA Sorbitol)

Boron	1.42	0.0987	mg/L	1	B2B2324	KAP	02/23/2022	02/24/2022
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Metals by Saturated Paste by EPA 6010

Calcium	4.00	0.499	meq/L	10	[CALC]	KAP	02/24/2022	02/25/2022
Magnesium	4.21	0.823	"	"	"	KAP	"	"
Sodium	17.2	0.435	"	"	"	KAP	"	"

pH in Soil by 9045D

pH	8.15		pH Units	1	B2B2412	ACC	02/24/2022	02/25/2022
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SAR by 20B Saturated Paste

SAR	8.48		SAR	1	B2B2403	KAP	02/24/2022	02/25/2022
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	2.28	0.00500	mmhos/cm	1	B2B2411	ACC	02/24/2022	02/25/2022
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Fremont Environmental

8305 6th St, PO Box 1289

Wellington CO 80549

Paul Henehan

Project Number: C021-028

Project: GWOC - Champlin 67

SB-U 1Ft

2/22/2022 12:00:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Y202506-13 (Soil)

Origins Laboratory, Inc.

Boron (DTPA Sorbitol)

Boron	ND	0.987	mg/L	10	B2B2324	KAP	02/23/2022	02/24/2022
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Metals by Saturated Paste by EPA 6010

Calcium	4.69	0.499	meq/L	"	[CALC]	KAP	02/24/2022	02/25/2022
Magnesium	2.24	0.823	"	"	"	KAP	"	"
Sodium	0.913	0.435	"	"	"	KAP	"	"

pH in Soil by 9045D

pH	6.43		pH Units	1	B2B2412	ACC	02/24/2022	02/25/2022
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SAR by 20B Saturated Paste

SAR	0.491		SAR	1	B2B2403	KAP	02/24/2022	02/25/2022
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.884	0.00500	mmhos/cm	1	B2B2411	ACC	02/24/2022	02/25/2022
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Origins Laboratory, Inc.



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Fremont Environmental

8305 6th St, PO Box 1289

Wellington CO 80549

Paul Henehan

Project Number: C021-028

Project: GWOC - Champlin 67

SB-U 3Ft

2/22/2022 12:00:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Y202506-14 (Soil)

Origins Laboratory, Inc.

Boron (DTPA Sorbitol)

Boron	0.239	0.0995	mg/L	1	B2B2324	KAP	02/23/2022	02/24/2022
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Metals by Saturated Paste by EPA 6010

Calcium	1.91	0.499	meq/L	10	[CALC]	KAP	02/24/2022	02/25/2022
Magnesium	1.50	0.823	"	"	"	KAP	"	"
Sodium	0.435	0.435	"	"	"	KAP	"	"

pH in Soil by 9045D

pH	7.85		pH Units	1	B2B2412	ACC	02/24/2022	02/25/2022
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SAR by 20B Saturated Paste

SAR	0.333		SAR	1	B2B2403	KAP	02/24/2022	02/25/2022
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.378	0.00500	mmhos/cm	1	B2B2411	ACC	02/24/2022	02/25/2022
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Fremont Environmental

8305 6th St, PO Box 1289

Wellington CO 80549

Paul Henehan

Project Number: C021-028

Project: GWOC - Champlin 67

SB-U 8Ft

2/22/2022 12:00:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Y202506-15 (Soil)

Origins Laboratory, Inc.

Boron (DTPA Sorbitol)

Boron	0.904	0.0982	mg/L	1	B2B2324	KAP	02/23/2022	02/24/2022
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Metals by Saturated Paste by EPA 6010

Calcium	2.92	0.499	meq/L	10	[CALC]	KAP	02/24/2022	02/25/2022
Magnesium	3.53	0.823	"	"	"	KAP	"	"
Sodium	14.7	0.435	"	"	"	KAP	"	"

pH in Soil by 9045D

pH	7.96		pH Units	1	B2B2412	ACC	02/24/2022	02/25/2022
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SAR by 20B Saturated Paste

SAR	8.18		SAR	1	B2B2403	KAP	02/24/2022	02/25/2022
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	2.16	0.00500	mmhos/cm	1	B2B2411	ACC	02/24/2022	02/25/2022
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Fremont Environmental

8305 6th St, PO Box 1289

Wellington CO 80549

Paul Henehan

Project Number: C021-028

Project: GWOC - Champlin 67

SB-V 1Ft

2/22/2022 12:00:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Y202506-16 (Soil)

Origins Laboratory, Inc.

Boron (DTPA Sorbitol)

Boron	0.321	0.100	mg/L	1	B2B2324	KAP	02/23/2022	02/24/2022
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Metals by Saturated Paste by EPA 6010

Calcium	2.27	0.499	meq/L	10	[CALC]	KAP	02/24/2022	02/25/2022
Magnesium	ND	0.823	"	"	"	KAP	"	"
Sodium	0.861	0.435	"	"	"	KAP	"	"

pH in Soil by 9045D

pH	7.71		pH Units	1	B2B2412	ACC	02/24/2022	02/25/2022
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SAR by 20B Saturated Paste

SAR	0.700		SAR	1	B2B2403	KAP	02/24/2022	02/25/2022
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.555	0.00500	mmhos/cm	1	B2B2411	ACC	02/24/2022	02/25/2022
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Fremont Environmental

8305 6th St, PO Box 1289

Wellington CO 80549

Paul Henehan

Project Number: C021-028

Project: GWOC - Champlin 67

SB-V 3Ft

2/22/2022 12:00:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Y202506-17 (Soil)

Origins Laboratory, Inc.

Boron (DTPA Sorbitol)

Boron	0.340	0.0999	mg/L	1	B2B2324	KAP	02/23/2022	02/24/2022
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Metals by Saturated Paste by EPA 6010

Calcium	1.14	0.499	meq/L	10	[CALC]	KAP	02/25/2022	03/02/2022
Magnesium	0.864	0.823	"	"	"	KAP	"	"
Sodium	0.948	0.435	"	"	"	KAP	"	"

pH in Soil by 9045D

pH	7.23		pH Units	1	B2B2504	TSH	02/25/2022	02/26/2022
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SAR by 20B Saturated Paste

SAR	0.300		SAR	1	B2B2502	KAP	02/25/2022	03/02/2022
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.296	0.00500	mmhos/cm	1	B2B2505	TSH	02/25/2022	02/26/2022
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Fremont Environmental

8305 6th St, PO Box 1289

Wellington CO 80549

Paul Henehan

Project Number: C021-028

Project: GWOC - Champlin 67

SB-V 8Ft

2/22/2022 12:00:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Y202506-18 (Soil)

Origins Laboratory, Inc.

Boron (DTPA Sorbitol)

Boron	1.45	0.101	mg/L	1	B2B2408	KAP	02/24/2022	02/25/2022
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Metals by Saturated Paste by EPA 6010

Calcium	3.65	0.499	meq/L	10	[CALC]	KAP	02/25/2022	03/02/2022
Magnesium	3.04	0.823	"	"	"	KAP	"	"
Sodium	12.3	0.435	"	"	"	KAP	"	"

pH in Soil by 9045D

pH	8.02		pH Units	1	B2B2504	TSH	02/25/2022	02/26/2022
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SAR by 20B Saturated Paste

SAR	6.72		SAR	1	B2B2502	KAP	02/25/2022	03/02/2022
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	1.67	0.00500	mmhos/cm	1	B2B2505	TSH	02/25/2022	02/26/2022
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Fremont Environmental
8305 6th St, PO Box 1289
Wellington CO 80549

Paul Henehan
Project Number: C021-028
Project: GWOC - Champlin 67

Saturated Paste - Quality Control Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B2B2411 - NO PREP										
Blank (B2B2411-BLK1)					Prepared: 02/24/2022 Analyzed: 02/25/2022					
Specific Conductance (EC)	0.00100	0.00500	mmhos/cm							
Duplicate (B2B2411-DUP1)					Source: Y202506-01 Prepared: 02/24/2022 Analyzed: 02/25/2022					
Specific Conductance (EC)	0.280	0.00500	mmhos/cm		0.137			68.5	25	QR-DUP
Batch B2B2412 - NO PREP										
Duplicate (B2B2412-DUP1)					Source: Y202505-21 Prepared: 02/24/2022 Analyzed: 02/25/2022					
pH	7.36		pH Units		7.52			2.15	25	
Batch B2B2504 - NO PREP										
Duplicate (B2B2504-DUP1)					Source: Y202506-17 Prepared: 02/25/2022 Analyzed: 02/26/2022					
pH	7.07		pH Units		7.23			2.24	25	
Batch B2B2505 - NO PREP										
Blank (B2B2505-BLK1)					Prepared: 02/25/2022 Analyzed: 02/26/2022					
Specific Conductance (EC)	0.000800	0.00500	mmhos/cm							
Duplicate (B2B2505-DUP1)					Source: Y202506-17 Prepared: 02/25/2022 Analyzed: 02/26/2022					
Specific Conductance (EC)	0.274	0.00500	mmhos/cm		0.296			7.87	25	

Origins Laboratory, Inc.



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Wellington CO 80549

Paul Henehan
Project Number: C021-028
Project: GWOC - Champlin 67

Notes and Definitions

QR-DUP RPD exceeds QC acceptance criteria, this indicates source sample is not homogenous.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

All soil results are reported at a wet weight basis.

Origins Laboratory, Inc.



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