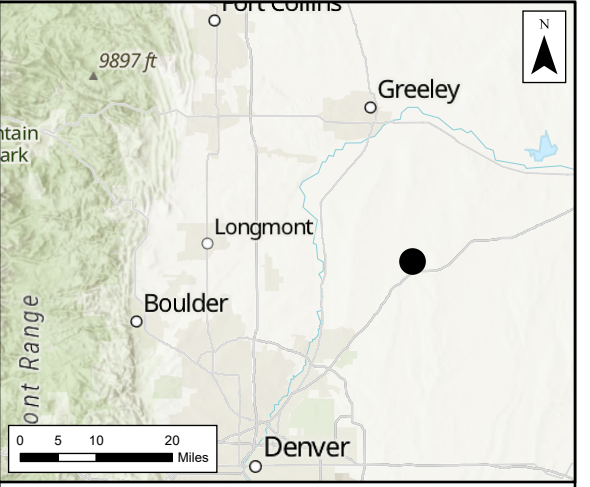
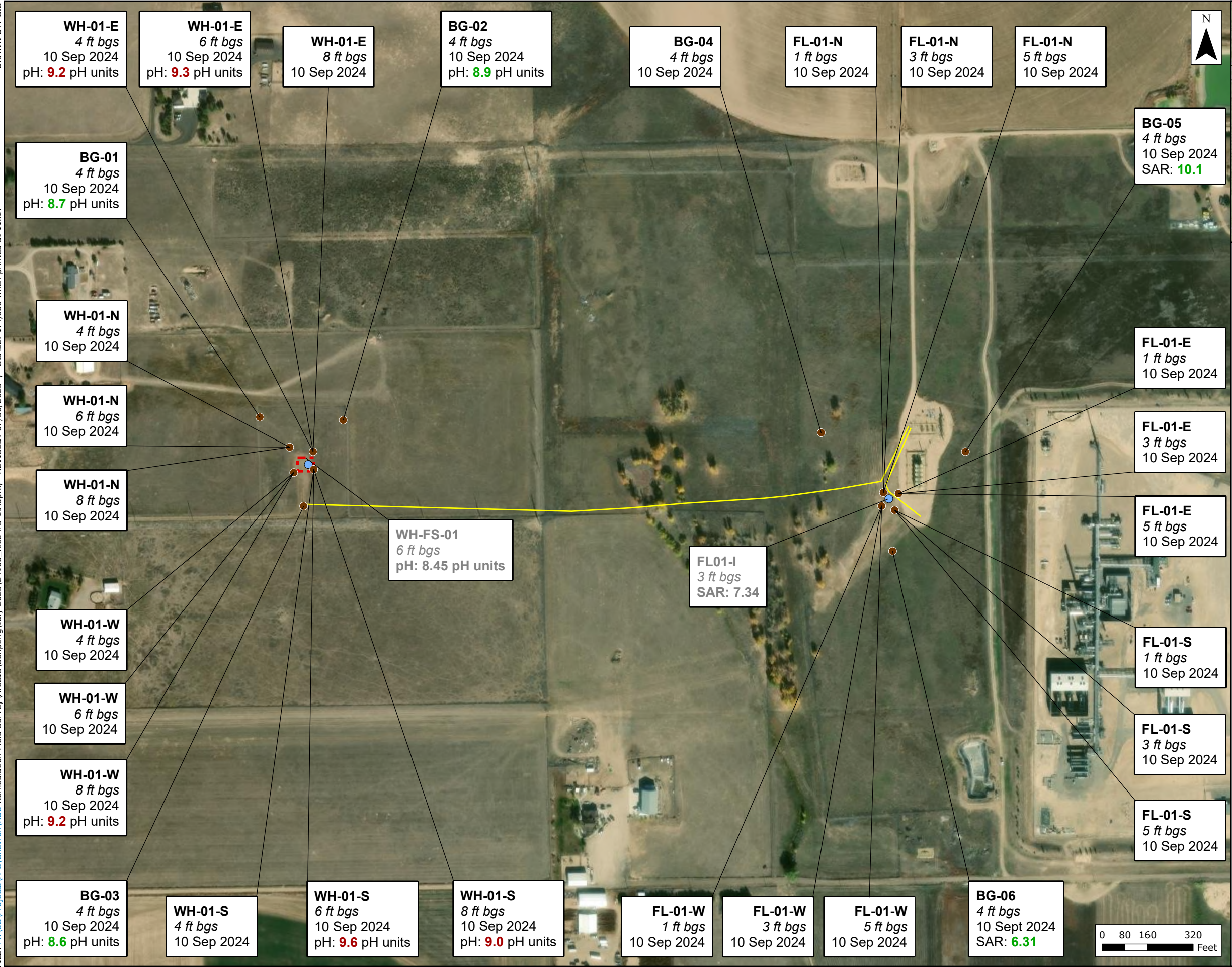


FILE: M:\US\Projects\VA-Chevron\RBURemediationFieldSurvey\ArcGIS\Scripting\July 2025\24968_Ries #3-19.aprx, REVISED: 07/30/2025, SCALE: 1:4,080 when printed at 11x17



Legend

- Soil Sample Location
- Former Sample Location
- Former Flowline
- ⊞ Former Wellhead

Notes:
Green values are above ECMC Table 915-1 and representative of background levels
Red values are above ECMC Table 915-1 and calculated background levels.
Orange values are above ECMC Table 915-1 Clean-Up Concentrations (Organics Exceedance).
 Former sample locations denoted in grey, with exceedances in **bold**.

Analytical results below laboratory detection limits or within compliance of ECMC Table 915-1 not shown.

ECMC Table 915-1 GWSSLs Listed in mg/kg
 SAR = 6 (max. BG = 10.1)
 pH = 6-8.3 (max. BG = 8.9)

ECMC = Energy and Carbon Management Commission
 ft bgs = feet below ground surface
 BG = Background
 FL = Flowline
 WH = Wellhead
 mg/kg = milligrams per kilogram
 SAR = Sodium Absorption Ratio
 SU = Standard Units
 GWSSL = Groundwater Soil Screening Levels
 RSSL = Residential Soil Screening Levels

Figure 1
Exceedance Values
in Soil Samples
Ries #3-19
REM# 24968
Operator: 100322
 RBURemediationFieldSurvey
 Chevron
 Weld County, Colorado



Table 1
 Soil Sample and Field Screening Information
 Ries #3-19 REM # 24968
 API # 05-123-20957
 Weld County, Colorado

Sample ID	Depth (ft-bgs)	Sample Date (mm/dd/yyyy)	Sample Information		
			Latitude (decimal degree NAD83)	Longitude (decimal degree NAD83)	PID reading (parts per million)
BG-01@4	4	09/10/2024	40.12851655	-104.5976659	0
BG-02@4	4	09/10/2024	40.12847893	-104.5966174	0
BG-03@4	4	09/10/2024	40.1276522	-104.5971244	0
BG-04@4	4	09/10/2024	40.12831009	-104.5906013	0
BG-05@4	4	09/10/2024	40.12811372	-104.5887882	0
BG-06@4	4	09/10/2024	40.12715883	-104.5897179	2.4
FL-01-E@1	1	09/10/2024	40.12771405	-104.5896359	0
FL-01-E@3	3	09/10/2024	40.12771405	-104.5896359	0
FL-01-E@5	5	09/10/2024	40.12771405	-104.5896359	0
FL-01-N@1	1	09/10/2024	40.12772637	-104.5898258	0
FL-01-N@3	3	09/10/2024	40.12772637	-104.5898258	0
FL-01-N@5	5	09/10/2024	40.12772637	-104.5898258	0
FL-01-S@1	1	09/10/2024	40.12755462	-104.589687	3.8
FL-01-S@3	3	09/10/2024	40.12755462	-104.589687	0
FL-01-S@5	5	09/10/2024	40.12755462	-104.589687	0
FL-01-W@1	1	09/10/2024	40.12759569	-104.589849	0
FL-01-W@3	3	09/10/2024	40.12759569	-104.589849	0
FL-01-W@5	5	09/10/2024	40.12759569	-104.589849	0
WH-01-E@4	4	09/10/2024	40.1281781	-104.5969987	0
WH-01-E@6	6	09/10/2024	40.1281781	-104.5969987	0
WH-01-E@8	8	09/10/2024	40.1281781	-104.5969987	0
WH-01-N@4	4	09/10/2024	40.12822322	-104.5972938	0.2
WH-01-N@6	6	09/10/2024	40.12822322	-104.5972938	0
WH-01-N@8	8	09/10/2024	40.12822322	-104.5972938	0
WH-01-S@4	4	09/10/2024	40.12800583	-104.5969934	183
WH-01-S@6	6	09/10/2024	40.12800583	-104.5969934	126
WH-01-S@8	8	09/10/2024	40.12800583	-104.5969934	6.6
WH-01-W@4	4	09/10/2024	40.12797712	-104.5972455	1.2
WH-01-W@6	6	09/10/2024	40.12797712	-104.5972455	9.1
WH-01-W@8	8	09/10/2024	40.12797712	-104.5972455	30.4

Notes:
 ft-bgs - feet below ground surface
 BG - Background
 WH - Wellhead
 FL-Flowline
 PID = Photo Ionization Detector

Table 4
 Soil Analytical Results Summary Table - Inorganics
 Ries #3-19 REM # 24968
 API # 05-123-20957
 Weld County, Colorado

Sample Information			Soil Suitability for Reclamation	
Analyte			SAR	pH
Units			NA	pH units
ECMC RSSL			6	6-8.3
ECMC GWSSL			6	6-8.3
Maximum Background			10.1	8.9
1.25x Maximum Background Levels			-	-
Sample ID	Sample Date	Depth (ft-bgs)	Results	
BG-01@4	09/10/2024	4		8.7
BG-02@4	09/10/2024	4		8.9
BG-03@4	09/10/2024	4		8.6
BG-04@4	09/10/2024	4	2.26	
BG-05@4	09/10/2024	4	10.1	
BG-06@4	09/10/2024	4	6.31	
FL-01-E@1	09/10/2024	1	2.74	
FL-01-E@3	09/10/2024	3	3.30	
FL-01-E@5	09/10/2024	5	5.30	
FL-01-N@1	09/10/2024	1	1.16	
FL-01-N@3	09/10/2024	3	6.41	
FL-01-N@5	09/10/2024	5	5.35	
FL-01-S@1	09/10/2024	1	1.50	
FL-01-S@3	09/10/2024	3	5.34	
FL-01-S@5	09/10/2024	5	3.80	
FL-01-W@1	09/10/2024	1	0.295	
FL-01-W@3	09/10/2024	3	4.63	
FL-01-W@5	09/10/2024	5	4.16	
WH-01-E@4	09/10/2024	4		9.2
WH-01-E@6	09/10/2024	6		9.3
WH-01-E@8	09/10/2024	8		8.9
WH-01-N@4	09/10/2024	4		8.5
WH-01-N@6	09/10/2024	6		8.8
WH-01-N@8	09/10/2024	8		8.8
WH-01-S@4	09/10/2024	4		8.9
WH-01-S@6	09/10/2024	6		9.6
WH-01-S@8	09/10/2024	8		9.0
WH-01-W@4	09/10/2024	4		8.4
WH-01-W@6	09/10/2024	6		8.8
WH-01-W@8	09/10/2024	8		9.2

Notes:
 ft-bgs = feet below ground surface
 NA = Not Applicable
 pH units = Standard Units (SU)
 ECMC GWSSL = ECMC Table 915-1 Protection of Groundwater Soil Screening Level.
 EMCL RSSL = ECMC Table 915-1 Limits Residential Soil Screening Level.
 SAR = Sodium adsorption ratio

Not analyzed
 Above ECMC Table 915-1, representative of background levels
 Above ECMC Table 915-1 and calculated background levels
 ECMC = Energy and Carbon Management Commission