

Chevron Rockies Business Unit

Field Qualitative Criteria for ECMC Reporting Associated with the Discovery of Potentially Impacted Material

If answered **Yes** to any of the questions listed below, this may suggest the presence of potentially impacted materials as outlined in ECMC Rule 912. Out of an abundance of caution, a “Yes” response will be reported to the ECMC within 24 hours after discovery, regardless of laboratory results. **Immediately notify the RBU Remediation Team.** Include a copy of this Field Qualitative Spill Criteria Checklist in the field Report.

Please answer the following questions when on-site:

1. Is there visible petroleum hydrocarbon staining in the soil?
Yes
2. Does the soil sample from the stained area have a petroleum odor?
Yes
3. Is there a petroleum hydrocarbon sheen on the nearby surface water?
No
4. Does there appear to be a sheen of the surface of accumulated groundwater or seeps within the excavation indicative of petroleum?
No
5. Is stained soil in contact with groundwater?
No

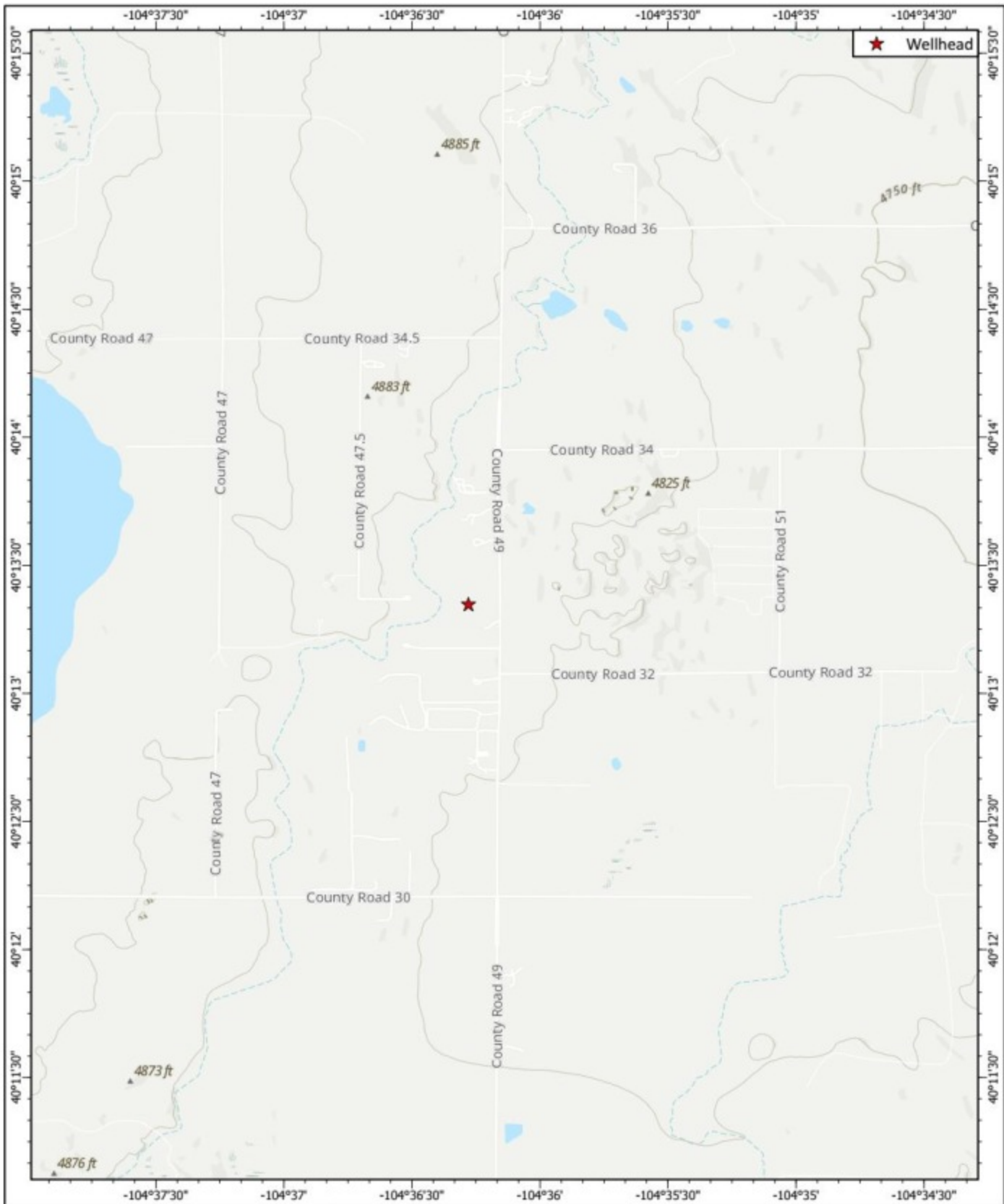
Please Include relevant photos of the site conditions for items 1-5.

Location name: Well Name (FAC ID 490422)

Please Circle Facility Type: Tank Battery

Form 19 Information Summary

Site Name	UPRC KARAKAKES T3N-R65W-S13L01
API #	N/A
REM #	41847
Facility ID	490422
Coordinates	40.222893 -104.608561
S/T/R	NWSE/S13/T3N/R65W
Cause of Release	Presumed production activities
Date of Discovery	9/2/25
Spill Type	Historic
Land Use	Grassland
Weather Conditions	86°F, Sunny
Surface Water	Approx. 0.07 mi NE
Number of Water Wells within ½ Mile Radius	18
Distance to Closest Water Well	0.16 mi SW
Approximate Depth to Groundwater	>20 ft
Distance to Nearest Wetland	0.58 mi NW (PEM1A)
Sensitive Area / Habitat	N/A
100 Year Floodplain	No
Release in Municipality	No
Fluid Released	Presumed production fluids
Volume of Release	Unknown
Livestock Present	No
Closest Building	0.08 mi W
Soil Type(s)	SW
Disposal Facility	N/A – no material removed
Excavation Dimensions	N/A – no excavation; hand auguring only
<p>Notes:</p> <p><i>On Tuesday, September 2, 2025, Montrose personnel mobilized to the UPRC KARAKAKES T3N-R65W-S13L01 tank battery location (40.222893 -104.608561) to collect decommissioning soil samples in the vicinity of the former tank battery. The location of the soil samples was determined based on the Initial Form 27 and the location of equipment on site. During the collection of PWV-SS01@3' (Produced water vessel sidewall, 40.222893 -104.608561) stained soils were identified at a depth of approximately 3.0 feet bgs. The maximum PID reading collected from this material was 298.6 ppm. Per Chevron guidance, a soil sample was collected from this location at a depth of approximately 3.0 feet bgs and submitted for the full ECMC Table 915-1 suite of analyses. Laboratory analyses are pending and will be submitted upon their receipt.</i></p>	



★ Wellhead

Figure 1

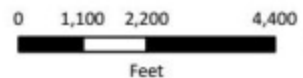


**Topographic Map of UPRC
KARAKAKES T3N-R65W-S13L01**

Noble-100322 Facility Number: 490422

NWSE/S13/T3N/R65W REM Number: 41847

Weld County, Colorado API Number: 05-123-17781



Montrose Environmental Group
Date: 09/02/2025

Reviewed By: R. Bumgardner
Author: R. Bumgardner

Coord. Sys.: GCS North American 1983

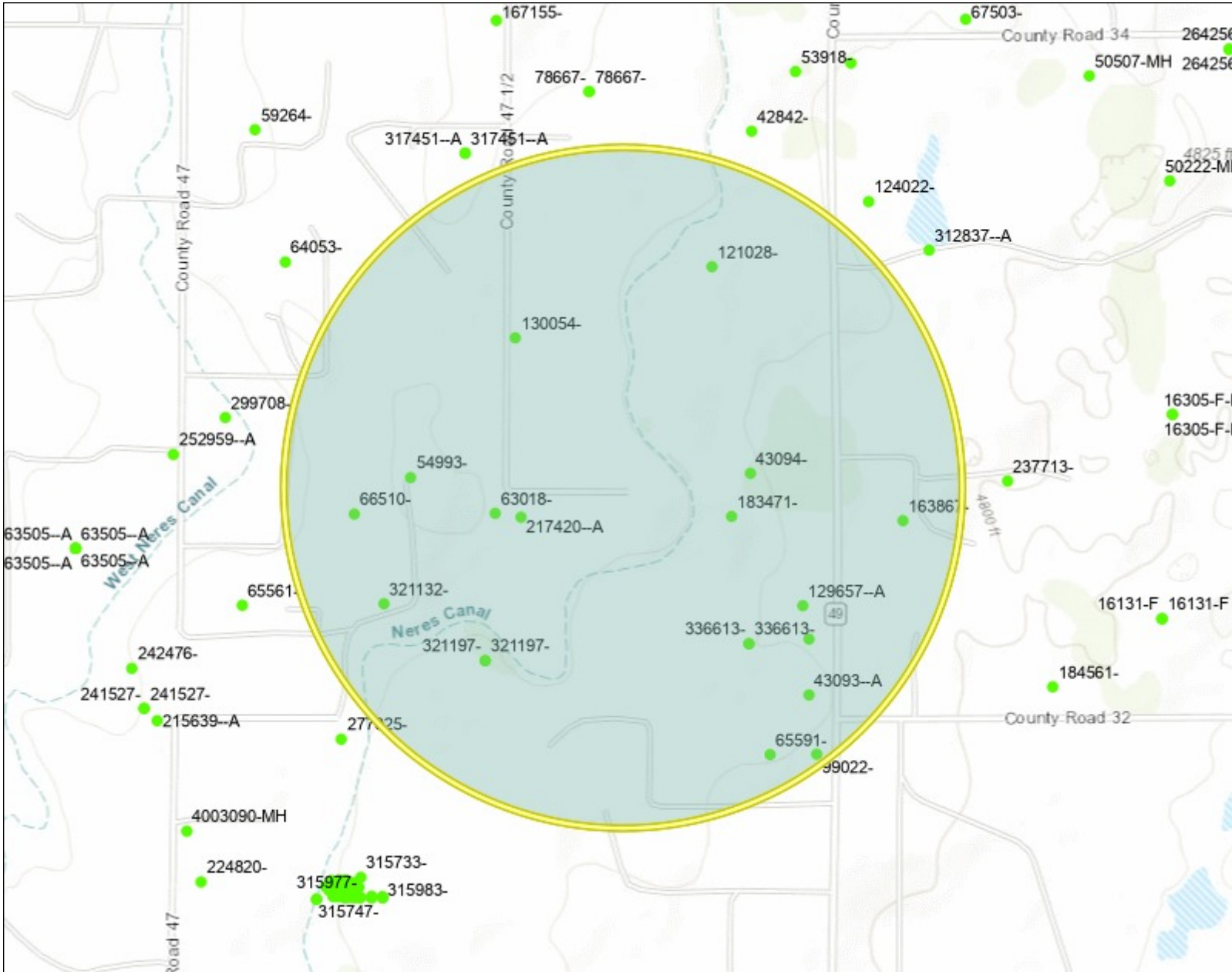
Client Name: Chevron	Project Name: UPRC KARAKAKES T3N-R65W-S13L01	Project Location: 40.222893 -104.608561	REM Number: 41847
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Photo: 1	Date: 9/2/2025	Description: Soil staining at the PWV-SS01@3' produced water vessel sidewall sampling location (40.222893 -104.608561) at a depth of approximately three (3) feet bgs (PID: 298.6 ppm).
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Photo: 2	Date: 9/2/2025	Description: Soil staining noted in the spoils pile used as backfill for the produced water vessel excavation.
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Legend

- Well Constructed

Location

Notes

UPRC KARAKAKES T3N-R65W-S13L01

2,339 0 1,169 2,339 Feet



1: 14,032

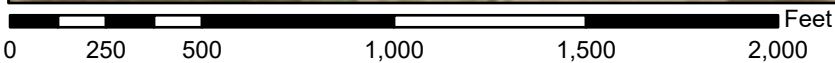


This product is for informational purposes and may not have been prepared for, or be suitable for legal, engineering, or surveying purposes. Users of this information should review or consult the primary data and information sources to ascertain the usability of the information.

National Flood Hazard Layer FIRMMette



104°36'50"W 40°13'36"N



1:6,000

104°36'12"W 40°13'9"N

Basemap Imagery Source: USGS National Map 2023

Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

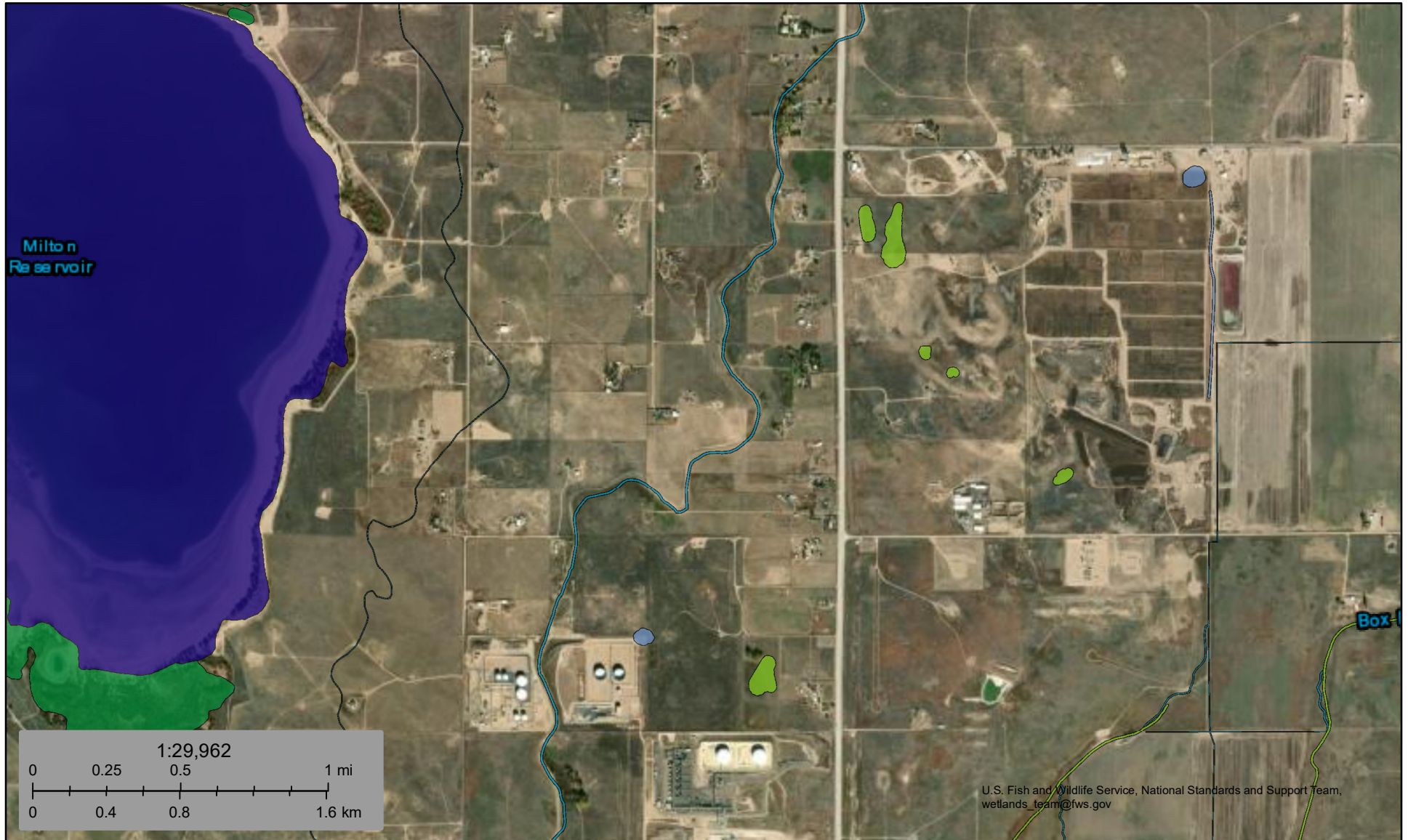
SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) <i>Zone A, V, A99</i>
		With BFE or Depth <i>Zone AE, AO, AH, VE, AR</i>
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile <i>Zone X</i>
		Future Conditions 1% Annual Chance Flood Hazard <i>Zone X</i>
		Area with Reduced Flood Risk due to Levee. See Notes. <i>Zone X</i>
		Area with Flood Risk due to Levee <i>Zone D</i>
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard <i>Zone X</i>
		Effective LOMRs
GENERAL STRUCTURES		Area of Undetermined Flood Hazard <i>Zone D</i>
		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance
		17.5 Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
MAP PANELS		Coastal Transect Baseline
		Profile Baseline
		Hydrographic Feature
		Digital Data Available
		No Digital Data Available
		Unmapped
		The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.



This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on **9/3/2025 at 4:09 PM** and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.



September 3, 2025

Wetlands

- Estuarine and Marine Deepwater
- Freshwater Emergent Wetland
- Lake
- Estuarine and Marine Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Other
- Riverine

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

TABLE 1
FIELD DATA SUMMARY TABLE
OPERATOR (NOBLE 100322)
UPRC Karakakes (FAC), Weld COUNTY, COLORADO
REM # 41847

Sample ID	Sample Date	Depth (ft)	GPS Data Latitude/Longitude		PDOP Value	VOC Concentration (ppm)
PWV-SS01@3'	09.02.2025	3	40.222893	-104.608561	1.20	298.6

1. Global Positioning System (GPS) data is provided in decimal degrees using North American Datum (NAD) 83 UTMZone 13 North.

2. Volatile organic compound (VOC) concentrations are measured in the field using a photoionization detector (PID).

PDOP = Position Dilution of Precision

ppm = Parts per million

in. = Inches

ft. = Feet

bgs = Below ground surface