

SITE-SPECIFIC QUALITY ASSURANCE & QUALITY CONTROL AUDIT



Permit Closure Type – Final

PERMIT CLOSURE REPORT – DESIGNATION LAND USE CHANGE

Location ID: 323235

Location Name: Godding Gulch-62N68W/26NENW

Report Date

6 Feb 2024

Soil Sage has conducted a thorough data audit as part of our Quality Assurance and Quality Control (QA/QC) protocols. The audit revealed this site has gone through a land use change.

Quality Assurance & Quality Control Audit

Auditor	Soil Sage
Audit Date	29 Dec 2023

Audit Methodology

The following source materials were consulted during the QA and QC audit process:

- ✓ Site Permit Closures provided by CIVITAS Resources
- ✓ Colorado Oil & Gas Information System – COGIS Database
- ✓ On-site Evaluation and Proprietary Soil Sage Drone Imagery data collection
- ✓ Review of legacy imagery for site location and facility parameters
- ✓ Natural Resources Conservation Service (NRCS) Map Unit Description
- ✓ Hydrology Map

All pertinent data, imagery, and materials are included at the end of this report.

Site Description

Name	GODDING GULCH-62N68W/26NENW		
Location ID	323235		
Operator / #	CRESTONE PEAK RESOURCES OPERATING LLC / 10633		
Field	WATTENBERG / 90750		
County, State	Weld, CO		
Lat/Long	40.113647 / -104.974066		
	<input checked="" type="checkbox"/>	Planned Location	As Drilled
Facility Status	CL	Location	NENW 26 2N68W
Facility Status Date	04/09/2018	Access Road	Pre-Existing
Facility Entities	<input checked="" type="checkbox"/>	Tank Battery (Off-Site)	Pits
	<input checked="" type="checkbox"/>	Wells	<input checked="" type="checkbox"/> Off-Location Flowlines (Form 44)
		Domestic Taps	<input checked="" type="checkbox"/> On-Location Flowlines (Form 42)
Equipment Remaining on Site	<input checked="" type="checkbox"/>	None	Debris or Non-Oil & Gas
		List of Equipment:	
Environment Incidents & Remediation	<input checked="" type="checkbox"/>	None	Spill or Release (Form 19)
		Remediation (Form 27/27A)	
Inspection Corrective Actions (CA)s	<p>Corrective Actions (CA)s were detected during the QA & QC Audit. CA Overall Status: No Follow Up Inspection Required CA-Approving Inspection Doc # & Date: 691400850 & 07/30/2018</p> <ul style="list-style-type: none"> ○ Inspector: Tom Beardslee ○ Satisfactory/Action Required: Overall Good <p>Originating Field Inspection Report (FIR) Doc #: 674200444 & 02/07/2018</p> <ul style="list-style-type: none"> ○ Corrective Action: Weeds at Wellhead. Comply with Rule 603.f . <p>CA Date: None</p>		
	<p>Complete ECMC Inspection Search Results: Link</p>		
Sundry Notice (Form 4)	<p>Form 4s were detected during the QA & QC Audit. See individual scout card data for details.</p>		
On Location Flowlines (Form 42)	<p>Form 42s were detected during the QA & QC Audit. See individual scout card data for details.</p>		
Off-Location Flowlines (Form 44)	<p>Form 44 Doc # & Date: 401932269 & 02/27/2019</p> <ul style="list-style-type: none"> ○ Purpose: Abandonment 		

	<ul style="list-style-type: none"> ○ Abandonment Date: 06/26/2018 ○ ECMC Approval Date & Signee: 02/27/2019 by Jeff Robbins ○ Operator Comments: Flowline was disconnected from wellhead and from separator. Both ends plugged below ground. Flowline was flushed with 25bbls fresh water prior to plugging. Line was verified free of hydro carbons with LEL monitor. Line was cut below ground level. Line was capped on both ends with 120lbs of slurry per state NTO, then backfilled on both ends. <p>Flowline Facility Information</p> <ul style="list-style-type: none"> ○ ECMC Flowline ID: 459992 ○ Operator Flowline ID: 062220183 ○ Status & Date: AC & 01/30/2023 ○ Flowline Type: Wellhead Line ○ Type of Fluids Transported: Multiphase ○ Start Point Location ID: 323235 ○ Start Point Riser Lat/Long: 40.113562 / -104.974079 (Goddling Gulch #1 Well) ○ Equipment at Start Point: Well ○ End Point Location ID: 458550 ○ End Point Riser Lat/Long: 40.110825 / -104.975443 (Goddling Gulch 12-26 /062020183 Production Facilities) ○ Equipment at End Point Riser: Separator
<p>Field Inspection Form (Form INSP)</p>	<p>Form INSP Doc # & Date: 691400850 & 07/30/2018</p> <ul style="list-style-type: none"> ○ Status Summary: No Follow Up Inspection Required ○ Inspected Facilities: GODDING GULCH 1 Well ○ Inspection Status: PA ○ Inspection Date & Inspector: 07/30/2018 by Tom Beardslee ○ Comments: Well is P&A no wellhead or sign of oil & gas operations in area. ○ Attachments: Inspection Photos Doc # 691400851 <p>Form INSP Doc # & Date: 674200444 & 02/07/2018</p> <ul style="list-style-type: none"> ○ Status Summary: None Checked ○ Inspected Facilities: GODDING GULCH 1 Well ○ Inspection Status: PR ○ Inspection Date & Inspector: 01/31/2018 by Jason Gomez

	<ul style="list-style-type: none"> ○ Comments: WEEDS AT WELLHEAD SEE ATTACHED PHOTOS. Comply with Rule 603.f . ○ Attachments: Inspection Photos Doc # 674200445
COGIS Tank Facilities Information (Scout Card)	No Tank Battery documents were detected during this QA/QC Audit. However, the Tank Battery is referenced in Inspection Document # 699300651 under COGCC Comments for Location ID 458550 .
COGIS Well Information (Scout Card)	<p>Well Name: GODDING GULCH #1</p> <p>API#: 05-123-12751</p> <p>FACILITY ID: 244956</p> <ul style="list-style-type: none"> ○ Status & Date: PA & 04/09/2018 ○ Lat/Long As Drilled: 40.113644 / -104.974027 ○ Form 6 Doc # & Date: 401629162 & 02/12/2019 ○ Form 4 Doc # & Date: 401611091 & 04/26/2018 <p>Purpose: DIGITAL WELL LOG UPLOAD</p> <ul style="list-style-type: none"> ○ Form 42 Doc # & Date: 401592661 & 03/30/2018 <p>Purpose: START OF PLUGGING OPERATIONS - 48-hour notice required</p>

ECMC Abbreviations: [Location & Facility Status Codes](#), [Inspection Types & Statuses](#) and [ECMC Help](#).

Audit Key Findings – Designation Land Use Observations

PREVIOUS LAND USE	CURRENT LAND USE
<p>Reference Imagery for Infrastructure: USGS 1991; DRCOG 2010</p>	<p>Remotely Sensed Imagery: 03 Jan 2024</p>
<p>Designation: Oil & Gas Facility</p>	<p>Designation: Transwest RV Storage Expansion</p>

The following imagery sources were reviewed during this audit:

EarthExplorer, DRCOG 2002 - 2014, NAIP Imagery 2011, 2013, 2015, 2017, 2019, 2021, ESRI Maxar and Remotely Sensed Imagery Sep 2022

Closure Information

GODDING GULCH #1 well (API #[05-123-12751](#)) is located in Weld County, Colorado near the intersection of Godding Hollow Parkway and E I25 Frontage Road. This Location has undergone a Land Use Change from Oil & Gas to Transwest RV Storage Expansion. There is an Off-Location Flowline between this well and the tank battery facility at Location ID [458550](#).

There was a Corrective Action at this location in 2018 due to weeds present at wellhead. This was resolved and an ECMC inspection approved the CA in 2018.

GODDING GULCH #1 well (API #[05-123-12751](#)) was plugged and abandoned on April 9th, 2018. The related facility, Location ID [458550](#), was closed and reclaimed in 2022. The original tank battery and separator for this well at the time of drilling was located on-site. Between 2004 and 2005, a new tank battery facility was constructed approximately 0.2 miles to the southwest of Godding Gulch #1 well. The original tank battery and separator were removed and an Off-Location Flowline connected Godding Gulch #1 with the new production facilities at Location ID [458550](#).

The original access road for this well was a pre-existing road, Nielson Lease Road, per Document #[89675](#). In the late 1990s, the area around the well was developed and the well was accessed from the parking lot and storage area of a building off Miller Drive.

Soil Sage drone imagery confirms that no equipment was left on site at this location after reclamation activities occurred.

Summary Acreage Table

Description	Acres
Historic Disturbance Extent	0.34
Access Road	Not Included
Flowline	Not Included
Tank Battery	Off-Site (Loc ID 458550)
Well Pad	0.34

Site Cardinal Photos

Site Investigation and Photos Date

03 Jan 2024

Cardinal directional photos of the site.



In View – Well, Flowline

NORTH – 40.113380 / -104.974040



In View – Well, Flowline

EAST – 40.113652 / -104.974325



In View – Well, Flowline

SOUTH – 40.113925 / -104.974020



In View – Well, Flowline

WEST – 40.113648 / -104.973751



In View – Well, Flowline

NORTH – 40.113553 / -104.974024



In View – Well, Flowline

EAST – 40.113646 / -104.974234



In View – Well, Flowline

SOUTH – 40.113747 / -104.974024



In View – Well, Flowline

WEST – 40.113659 / -104.973920



In View – Well, Tank Battery, Flowline

SOUTHWEST – 40.113994 / -104.973653

ATTACHMENTS

Maps and Figures

Area Maps

Post-Plugging Overview

Post-Plugging Overview (Full Extent)

Pre-Plugging Overview (1991, 2010)

Pre-Plugging Overview (Full Extent)

Hydrology – (2 CCR 404-1 – 303.b.3.G pg.34)

Hydrology (Full Extent)

Background Information

Natural Resources Conservation Service (NRCS) Map Unit Description

Reference Soil Document

Infrastructure

Facility – CL – 04/09/2018

Well – PA – 04/09/2018

Tank Battery – Off-Site – No Documentation

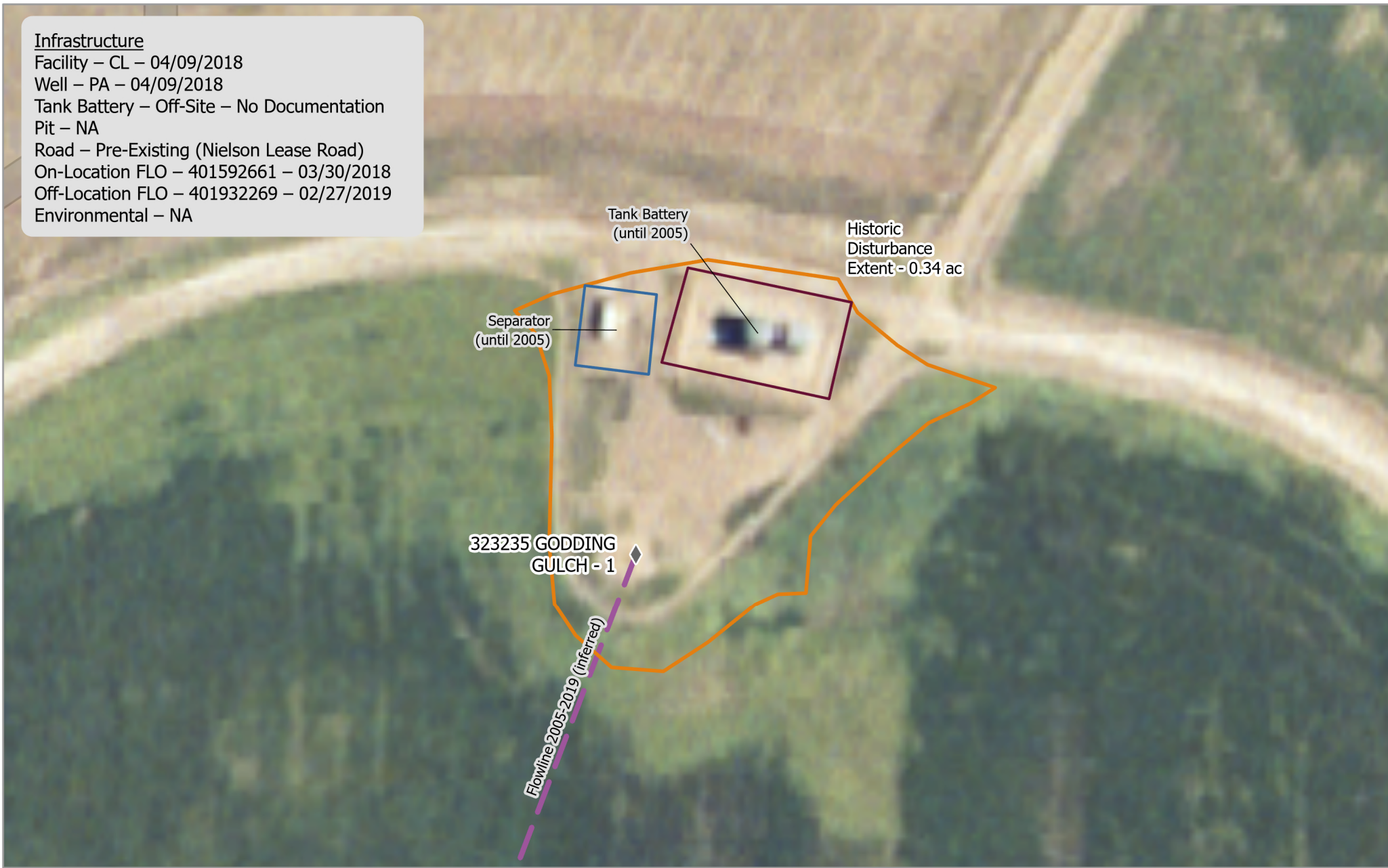
Pit – NA

Road – Pre-Existing (Nielson Lease Road)

On-Location FLO – 401592661 – 03/30/2018

Off-Location FLO – 401932269 – 02/27/2019

Environmental – NA

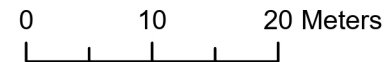


CIV - 323235- Godding Gulch #1
Map Extent - Pre-Plugging Overview

Imagery: USGS
Imagery Date: 11 Jun 1991
Map Date: 16 Jan 2024
Datum: WGS 1984 UTM Zone 13N
POC: Soil Sage

Legend

- ◆ Wells
- Flowline
- Separator
- Tank Battery
- ▭ Historic Disturbance Extent



Total Disturbance:
0.34 Acres
Scale: 1:600

Pad Location:
40.113647
-104.974066



Service Credits - Maxar, Microsoft, Esri
Community Maps Contributors, ©
OpenStreetMap, Microsoft, Esri, TomTom,
Garmin, SafeGraph, GeoTechnologies, Inc.
MET/NASA, USGS, EPA, NPS, US Census
Bureau, USDA, USFWS



Infrastructure

Facility – CL – 04/09/2018

Well – PA – 04/09/2018

Tank Battery – Off-Site – No Documentation

Pit – NA

Road – Pre-Existing (Nielson Lease Road)

On-Location FLO – 401592661 – 03/30/2018

Off-Location FLO – 401932269 – 02/27/2019

Environmental – NA



CIV - 323235- Godding Gulch #1
Map Extent - Pre-Plugging Overview - Full Extent

Imagery: DRCOG

Imagery Date: 01 Mar 2010

Map Date: 16 Jan 2024

Datum: WGS 1984 UTM Zone 13N

POC: Soil Sage

Legend

- ◆ Wells
- Flowline
- ▭ Separator
- ▭ Tank Battery
- ▭ Historic Disturbance Extent

0 75 150 Meters

Total Disturbance:
0.34 Acres
Scale: 1:2,500

Pad Location:
40.113647
-104.974066



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Garmin, Swatchday, GeoTechnologies, Inc,
METI/NASA, USGS, EPA, NPS, US Census
Bureau, USDA, USFWS



Infrastructure

Facility – CL – 04/09/2018

Well – PA – 04/09/2018

Tank Battery – Off-Site – No Documentation

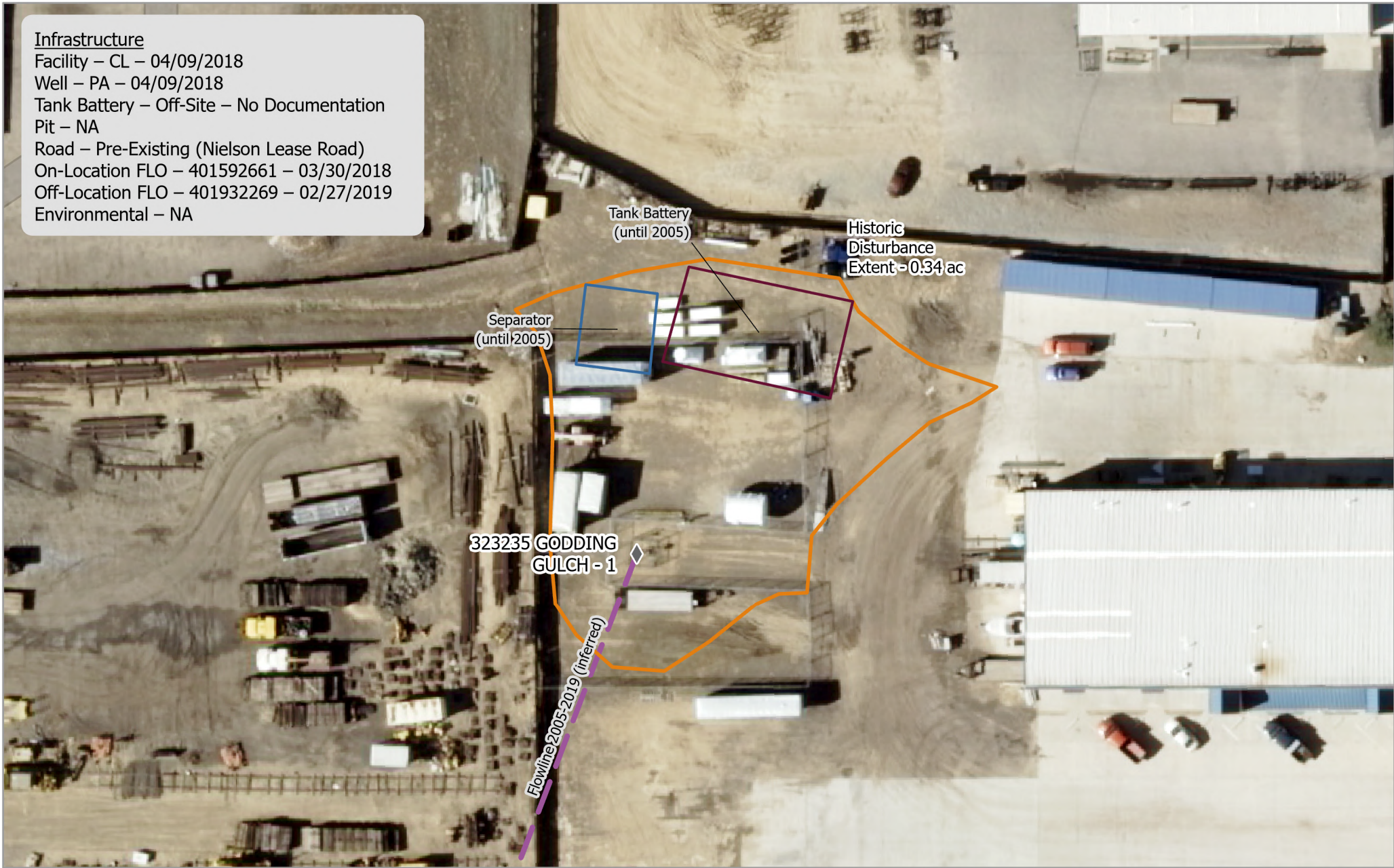
Pit – NA

Road – Pre-Existing (Nielson Lease Road)

On-Location FLO – 401592661 – 03/30/2018

Off-Location FLO – 401932269 – 02/27/2019

Environmental – NA

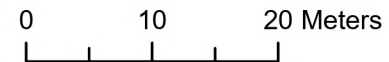


CIV - 323235- Godding Gulch #1
Map Extent - Pre-Plugging Overview

Imagery: DRCOG
Imagery Date: 01 Mar 2010
Map Date: 16 Jan 2024
Datum: WGS 1984 UTM Zone 13N
POC: Soil Sage

Legend

- ◆ Wells
- Flowline
- ▭ Separator
- ▭ Tank Battery
- ▭ Historic Disturbance Extent



Total Disturbance:
0.34 Acres
Scale: 1:600

Pad Location:
40.113647
-104.974066



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MET/NASA, USGS, EPA, NPS, US Census
Bureau, USDA, USFWS



Infrastructure

Facility – CL – 04/09/2018

Well – PA – 04/09/2018

Tank Battery – Off-Site – No Documentation

Pit – NA

Road – Pre-Existing (Nielson Lease Road)

On-Location FLO – 401592661 – 03/30/2018

Off-Location FLO – 401932269 – 02/27/2019

Environmental – NA



**CIV - 323235- Godding Gulch #1
Map Extent - Post-Plugging Overview
- Full Extent**

Imagery: RS Orthomosaic & DSM
Imagery Date: 03 Jan 2024
Map Date: 16 Jan 2024
Datum: WGS 1984 UTM Zone 13N
POC: Soil Sage

Legend

- ◆ Wells
- Flowline
- ▭ Separator
- ▭ Tank Battery
- ▭ Historic Disturbance Extent

0 75 150 Meters

Total Disturbance: 0.34 Acres
Scale: 1:2,500

Pad Location: 40.113647
-104.974066

Infrastructure

Facility – CL – 04/09/2018

Well – PA – 04/09/2018

Tank Battery – Off-Site – No Documentation

Pit – NA

Road – Pre-Existing (Nielson Lease Road)

On-Location FLO – 401592661 – 03/30/2018

Off-Location FLO – 401932269 – 02/27/2019

Environmental – NA



**CIV - 323235- Godding Gulch #1
Map Extent - Post-Plugging Overview**

Imagery: RS Orthomosaic & DSM
Imagery Date: 03 Jan 2024
Map Date: 16 Jan 2024
Datum: WGS 1984 UTM Zone 13N
POC: Soil Sage

Legend

- ◆ Wells
- Flowline
- ▭ Separator
- ▭ Tank Battery
- ▭ Historic Disturbance Extent



Total Disturbance:
0.34 Acres
Scale: 1:600

Pad Location:
40.113647
-104.974066



Service Credits - Maxar, Microsoft, Esri
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MET/NASA, USGS, EPA, NPS, US Census
Bureau, USDA, USFWS



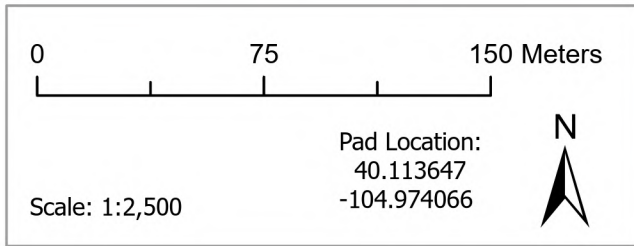
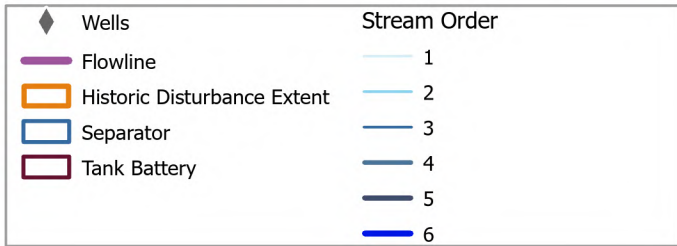
Infrastructure

- Facility – CL – 04/09/2018
- Well – PA – 04/09/2018
- Tank Battery – Off-Site – No Documentation
- Pit – NA
- Road – Pre-Existing (Nielson Lease Road)
- On-Location FLO – 401592661 – 03/30/2018
- Off-Location FLO – 401932269 – 02/27/2019
- Environmental – NA



**CIV - 323235- Godding Gulch #1
Map Extent - Hydrology - Full Extent**

Imagery: RS Orthomosaic & DSM
 Imagery Date: 03 Jan 2024
 Map Date: 16 Jan 2024
 Datum: WGS 1984 UTM Zone 13N
 POC: Soil Sage



Service Credits - Maxar, Microsoft, Esri
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 OpenStreetMap, Microsoft, Esri, TomTom,
 Garmin, SafeGraph, GeoTechnologies, Inc,
 METI/NASA, USGS, EPA, NPS, US Census
 Bureau, USDA, USFWS



Infrastructure

Facility – CL – 04/09/2018

Well – PA – 04/09/2018

Tank Battery – Off-Site – No Documentation

Pit – NA

Road – Pre-Existing (Nielson Lease Road)

On-Location FLO – 401592661 – 03/30/2018

Off-Location FLO – 401932269 – 02/27/2019

Environmental – NA



**CIV - 323235- Godding Gulch #1
Map Extent - Hydrology**

Imagery: RS Orthomosaic & DSM
Imagery Date: 03 Jan 2024
Map Date: 16 Jan 2024
Datum: WGS 1984 UTM Zone 13N
POC: Soil Sage

Legend

- | | |
|-------------------------------|--------------|
| ◆ Wells | Stream Order |
| — Flowline | — 1 |
| — Historic Disturbance Extent | — 2 |
| — Separator | — 3 |
| — Tank Battery | — 4 |



Scale: 1:600

Pad Location:
40.113647
-104.974066



Service Credits - Maxar, Microsoft, Esri
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MET/NASA, USGS, EPA, NPS, US Census
Bureau, USDA, USFWS



Soil Properties

USDA Soil Description

Location ID / Name	323235 - Godding Gulch 1
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Reference Soil Information

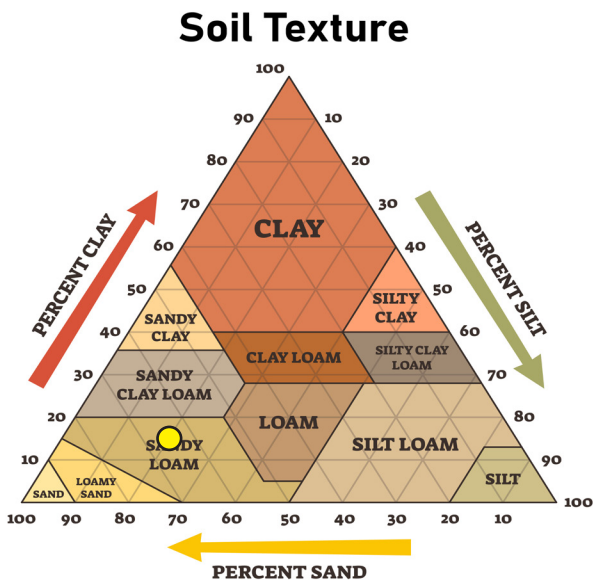
The location of the site is contained within one soil type, Olney fine sandy loam.

Map Unit 47 Reference Soil information - Olney fine sandy loam

This soil is formed from mixed deposit outwash. Landform is plains. Ecological Site Description is Sandy Plains. Soils are well drained with a moderate water holding capacity, and slope 1 to 3 percent.

Depth (in)	Physical			Chemical			
	Texture	Bulk Density	Particle Size Percent sand, silt, clay	pH	EC	SAR	OM%
0-10	Fine Sandy Loam	1.43	65-20-15	7.2	0.0	0.0	0.75
10-20	Sandy Clay Loam	1.33	56-18-27	7.2	0.0	0.0	0.75
20-25	Sandy Clay Loam	1.33	60-18-23	8.2	1.0	0.0	0.25
25-60	Fine Sandy Loam	1.50	64-27-10	8.5	1.0	0.0	0.25

Soil Texture Triangle reflect the 0-10 in depth



Erosion Potential (10 inches)

- K Factor, Whole soil - .24. Values of K range from 0.02 to 0.69. Other factors being equal, the higher the value, the more susceptible the soil is to sheet and rill erosion by water.

- Wind Erodibility Group – 3. The soils assigned to group 1 are the most susceptible to wind erosion, and those assigned to group 8 are the least susceptible.