



Site Specific Final Reclamation Completion Notice – Land Use Change Drone Imagery

Permit Closure Report – Land Use Change

Location ID: 319561

Location Name: SCHWALM-ULLMANN FARMS-65N67W/18NESE

Report Date:

3/3/2025

H2E has conducted a thorough review of the data provided in this report. This report was developed in accordance with ECMC Operator Guidance – Operator supplied land use change drone imagery and information for submitting a final reclamation completion notice.

Land Use Change Type

The land use for this location has been taken over for agricultural storage.

Inspection:

Performed by	H2E Inc.
Date	2/20/2025

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

Location Checklist



Name	SCHWALM-ULLMANN FARMS-65N67W/18NESE		
Type	Wellhead & Tank Battery		
Location ID	319561		
Operator / #	PDC ENERGY INC - 69175		
Field	WATTENBERG		
County, State	Weld, CO		
Lat/Long	40.398110 / -104.928440		
	Planned Location	X	As Drilled
Location	NESE 18 5N67W		
Location Status - Date	AC - 4/19/2022		
Facility Entities	X	Tank Battery	Pits
	X	Wells	X Off-Location Flowlines (Form 44)
		Domestic Taps	On-Location Flowlines (Form 42)
		Electric Utilities	
Equipment on Site	X	No	Yes
	If yes, list:		
	Pit mouse/rat holes, cellars backfilled		
Access Road		Regraded	Contoured
		Culverts Removed	Gravel Removed
	X	Land Use Change	
	X	Pre-Existing (Must provide supporting documentation):	
Reclamation Status		Location and associated disturbances reclaimed	
	X	Land Use Change	
		Subsidence	
Plug date & Form 6S Doc. #:	04/19/2022 - 403022858		
Spills or Releases (Form 19)	X	No	Yes
Remediation (Form 27/27A)		No	X Yes
On-Location Flowlines	X	No	Yes
Off-Location Flowlines		No	X Yes
Inspection Corrective Actions		No	X Yes
Variance Requests	N/A		
Sundry Notice (Form 4)	No sundry notice pertaining to series 900-1200 rules was identified.		
On Location Flowlines (Form 42)	N/A		
Off-Location Flowlines (Form 44)	Form 44 Doc # & Date: 403093695 - 06/30/2022 Purpose: Flowline Removed Abandonment Date: 4/25/2022 ECMC Approval Date & Signee: 4/24/2023 - Director of ECMC Operator Comments: None Flowline Facility Information ECMC Flowline ID: 479253 Operator Flowline ID: PDC Flowline System Status & Date: AC - 2/21/2025 Flowline Type: Wellhead Line Type of Fluids Transported: Produced Fluids Start Point Location ID: 319561 Start Point Riser Lat/Long: 40.398110, -104.928440 Equipment at Start Point: Wellhead End Point Location ID: 319561 End Point Riser Lat/Long: 40.39785, -104.927334 Equipment at End Point: Separator		

Field Inspection Form (Form INSP)	Form INSP Doc # & Date: 1) 500167174 - 2/27/1996 2) 673800895 - 5/22/2014 3) 673802844 - 1/15/2016 4) 697504319 - 10/28/2022		
	Status Summary: 1) No Satisfactory/Unsatisfactory Indicator 2) SATISFACTORY 3) SATISFACTORY 4) FOLLOW UP INSPECTION REQUIRED		
	Inspected Facilities: 1) Well 2) Well 3) Well 4) Well and Off-location Flowline		
	Inspection Status: 1) PR 2) PR 3) PR 4) PA		
	Inspection Date & Inspector: 1) 2/27/1996 - Vansickle, Robert 2) 05/20/2014 - Gomez, Jason 3) 01/14/2016 - Gomez, Jason 4) 10/26/2022 - Binschus, Chris		
	Comments: 1) No Sign 2) Remove or remediate weeds on location; repair leaks and clean separator 3) Corrective action from inspection Doc#673800895 corrected to comply with COGCC rules 4) This is a Final Reclamation Inspection for PA Well API#123-11476 and its associated tank battery. Well was plugged and abandoned 04/19/2022.		
Inspection Corrective Actions (CAs)	1) No Sign 2) Remove or remediate weeds on location; repair leaks and clean separator 4) Form 44 should have been submitted within 90-days of completing abandonment.		
Environmental Incidents & Remediation		None	Spill or Release (Form 19)
	X	Remediation (Form 27/27A)	
Spill or Release (Form 19)	N/A		

Site Investigation and Remediation Workplan (Form 27/27A)	Remediation Project #: 1) 21542 2) 21538
	Form 27 Initial Doc # & Date: 1) 402901370 - 01/05/2022 2) 402901289 - 01/05/2022
	Purpose: 1) Decommissioning of Oil and Gas Facilities 2) Buried or partially buried vessel closure, which will be by removal. Decommissioning of Oil and Gas Facilities
	Notes: 1) This Form 27 serves as notification for the abandonment of the Schwalm-Ullman Farms 18-1 wellhead and removal of the associated flowline. Abandonment activities are planned to begin the week of January 6, 2022. This schedule may be adjusted due to unforeseen circumstances, delays, and/or changes in weather. 2) This Form 27 serves as notification for the closure of the Schwalm-Ullmann Farms 18-1 tank battery, produced water vessel, and associated on-location equipment. Decommissioning activities are planned to begin the week of January 6, 2022. This schedule may be adjusted due to unforeseen circumstances, delays, and/or changes in weather.
	Form 27 Supplemental Docs # & Date: 1) 403097566 - 07/26/2022 2) 403097361 - 07/07/2022
	Purpose: 1) Decommissioning of Oil and Gas Facilities 2) Buried or partially buried vessel closure, which will be by removal. Decommissioning of Oil and Gas Facilities Request to leave elevated inorganics in situ
	Operator Comments: 1) Based on the analytical results and field observations recorded during the closure and abandonment of the Schwalm-Ullmann Farms 18-1 wellhead and associated flowline, PDC is submitting a closure request for this location. 2) Analytical results indicated that constituent concentrations in all samples were in compliance with COGCC Table 915-1 standards, with exception to the pH value for samples PWV01-B @ 5' & PWV01-N @ 2.5'. Based on the absence of other indicators that a spill or release occurred, such as hydrocarbon exceedances or elevated EC and SAR in soil, the pH results at these locations is not associated with E&P activities. As such, PDC requests that pH not be considered a Table 915-1 contaminant of concern at this location and is requesting a No Further Action (NFA) determination for the Schwalm-Ullmann Farms 18-1 tank battery.
ECMC Comments: 1) None 2) None	

	<p>1) Based on the information presented, it appears that no further remedial action is necessary at this time and the COGCC approves the closure request. However, should future conditions at the site indicate contaminant concentrations in soils exceeding COGCC standards or if groundwater is found to be impacted, then further investigation and/or remediation activities may be required. The surface area disturbed by the remediation activity shall be reclaimed in accordance with the 1000 Series Reclamation Rules. For locations with active ongoing oil and gas operations, comply with Rule 1003 interim reclamation requirements and for locations that will no longer have active oil and gas operations, comply with Rule 1004 Final Reclamation requirements.</p> <p>ECMC COAS: 2) Based on the information presented, it appears that no further remedial action is necessary at this time and the COGCC approves the closure request. However, should future conditions at the site indicate contaminant concentrations in soils exceeding COGCC standards or if groundwater is found to be impacted, then further investigation and/or remediation activities may be required. The surface area disturbed by the remediation activity shall be reclaimed in accordance with the 1000 Series Reclamation Rules. For locations with active ongoing oil and gas operations, comply with Rule 1003 interim reclamation requirements and for locations that will no longer have active oil and gas operations, comply with Rule 1004 Final Reclamation requirements.</p>
	<p>Closure Request Approved: 1) 12/19/2022 2) 11/10/2022</p> <p>Final Resolution: 1) 12/19/2022 - Taylor Robinson 2) 11/10/2022 - Kari Brown</p>
COGIS Tank Location Information (Scout Card)	<p>Tank Battery Name: Schwalm-Ullmann Farms 18-1</p> <p>Location ID: 319561</p> <p>Status & Date: AC - 4/19/2022</p> <p>Lat/Long: 40.397990 / -104.927239</p> <p>Notes: N/A</p> <p>Form 4 Doc # & Date: N/A</p> <p>Purpose: N/A</p>
COGIS Well Information (Scout Card)	<p>Well Name: SCHWALM-ULLMANN FARMS #18-1</p> <p>Facility ID: 243684</p> <p>Well API #: 05-123-11476</p> <p>Status & Date: PA - 4/19/2022</p> <p>Lat/Long: 40.398110 / -104.928440</p> <p>Notes: N/A</p> <p>Form 4 Doc # & Date: N/A</p> <p>Purpose: N/A</p>
Drone Information	<p>Make & Model: DJI M3E MultiSpectral</p> <p>Image Processing Software: Pix4D Mapper</p> <p>Pilot Name & FAA Certificate #: Ian Hattabaugh - 5069217</p> <p>Date of FAA Certificate Issuance: 10/4/2024</p>



Designated Land Use Observations

Previous Land Use	Current Land Use
Reference Imagery for Infrastructure: NAIP 2015	Remotely Sensed Imagery: 2/20/2025
Designation: Rangeland	Designation: Storage yard

The following imagery sources were reviewed during this investigation:

NAIP Imagery from 2015, 2024, and historic Google Earth imagery from 1985-2023.

Site Observation Notes

No Additional Information

Closure Information

This final reclamation completion notice is intended to close the SCHWALM-ULLMANN FARMS-65N67W/18NESE location (319561) which consists of the SCHWALM-ULLMANN FARMS #18-1 (API # 05-123-11476) wellhead. This wellhead does not share a disturbance with any other wells. There is one off location flowline associated with this well that transported produced fluids to the associated tank battery, and was removed in April of 2022. The associated tank battery shares a location ID with this location and will be tied to this submission for final reclamation.

SCHWALM-ULLMANN FARMS #18-1 was closed and reclaimed in 2022. The tank battery was accessed from a pre-existing unpaved access road that originated at County Road 15. The wellhead was accessed from an access road that originated from the tank battery and was converted into an agricultural storage yard.

Two Remediation Workplans (Form 27-I) were documented for this location. The first remediation workplan was documented on 1/5/2022 for Decommissioning of Oil and Gas Facilities. On 07/26/2022 a Form 27-S (Doc. # 403097566) was filed. This remediation workplan was closed by Taylor Robinson on 12/19/2022. The second remediation workplan was documented on 1/5/2022 for Buried or partially buried vessel closure, which will be by removal, and Decommissioning of Oil and Gas Facilities. On 07/07/2022 a Form 27-S (Doc. # 403097361) was filed. This remediation workplan was closed by Kari Brown on 11/10/2022.



Four corrective actions (CA's) were identified during the records review. The first CA was identified during an inspection on 2/27/1996 by Robert Vansickle and stated "No sign". This CA was addressed during the following inspection on 05/20/2014 conducted by Jason Gomez. The second and third CA's were identified during an inspection on 05/20/2014 by Jason Gomez that stated "Remove or remediate weeds on location; repair leaks and clean separator." These CA's were addressed during the following inspection on 01/14/2016 conducted by Jason Gomez. The final CA was identified during an inspection on 10/26/2022 by Chris Binschus that stated "Form 44 should have been submitted within 90-days of completing abandonment." ECMC comment states once the operator has complied with the 900 and 1100 series rules this well will receive a passing final reclamation inspection. A follow-up inspection was not conducted on this location but a Form 44 was submitted on 6/30/2022 and approved by the director of ECMC on 4/24/2023 (Document # 403093695).

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	0.52
Access Road	0.29
Flowline	Not Included
Tank Battery	0.17
Well Pad	0.06

Pre-Plugging Active Operations Location Overview

Pre-existing Access Road
- 1984



Schwalm-Ullmann
Farms 18-1

Access Road

5/2006

Historic access road disturbance

Schwalm-Ullmann Farms 18-1

Image © 2025 Maxar Technologies


1985

Imagery Date: 5/23/2006 40°23'53.32" N 104°55'38.55" W ele




PDC Form 4 Final Reclamation - Pre Plugging Overview

Schwalm-Ullmann Farms 18-1









0 112.5 225
Feet

Prepared by:

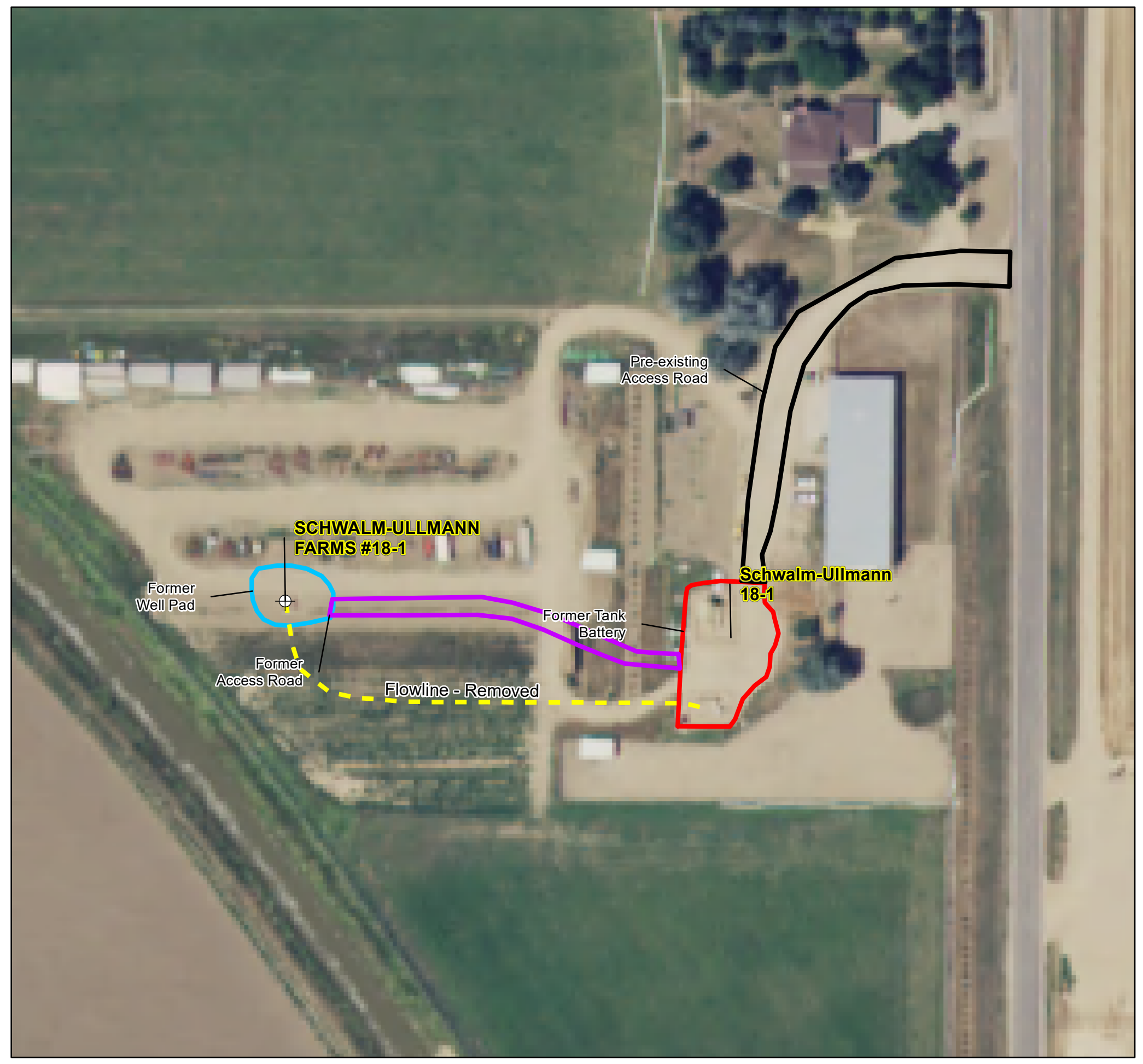
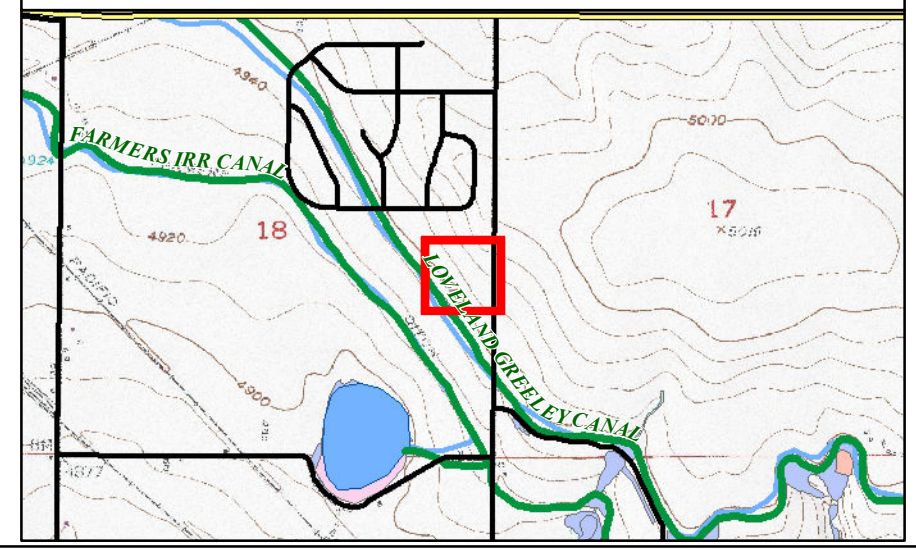


Editor: EJanak
File: PDC_Drone_Rec_PrePlugging_DDP

Scale: 1:1,000
Date: 3/25/2025

-  Well Head
-  Former Access Road
-  Former Tank Battery
-  Former Well Pad
-  Pre-existing Access Road
-  Flowline - Removed

NAIP 2015 Imagery

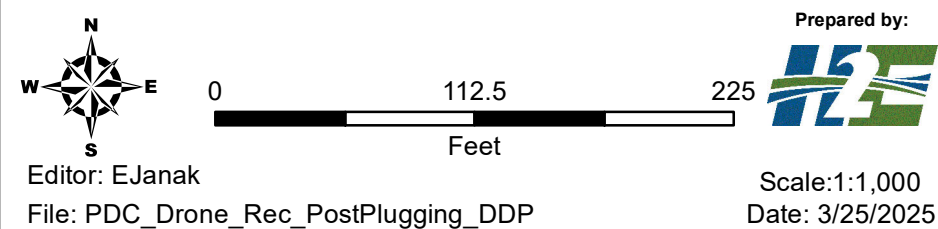


Post-Plugging and Abandonment Location Overview



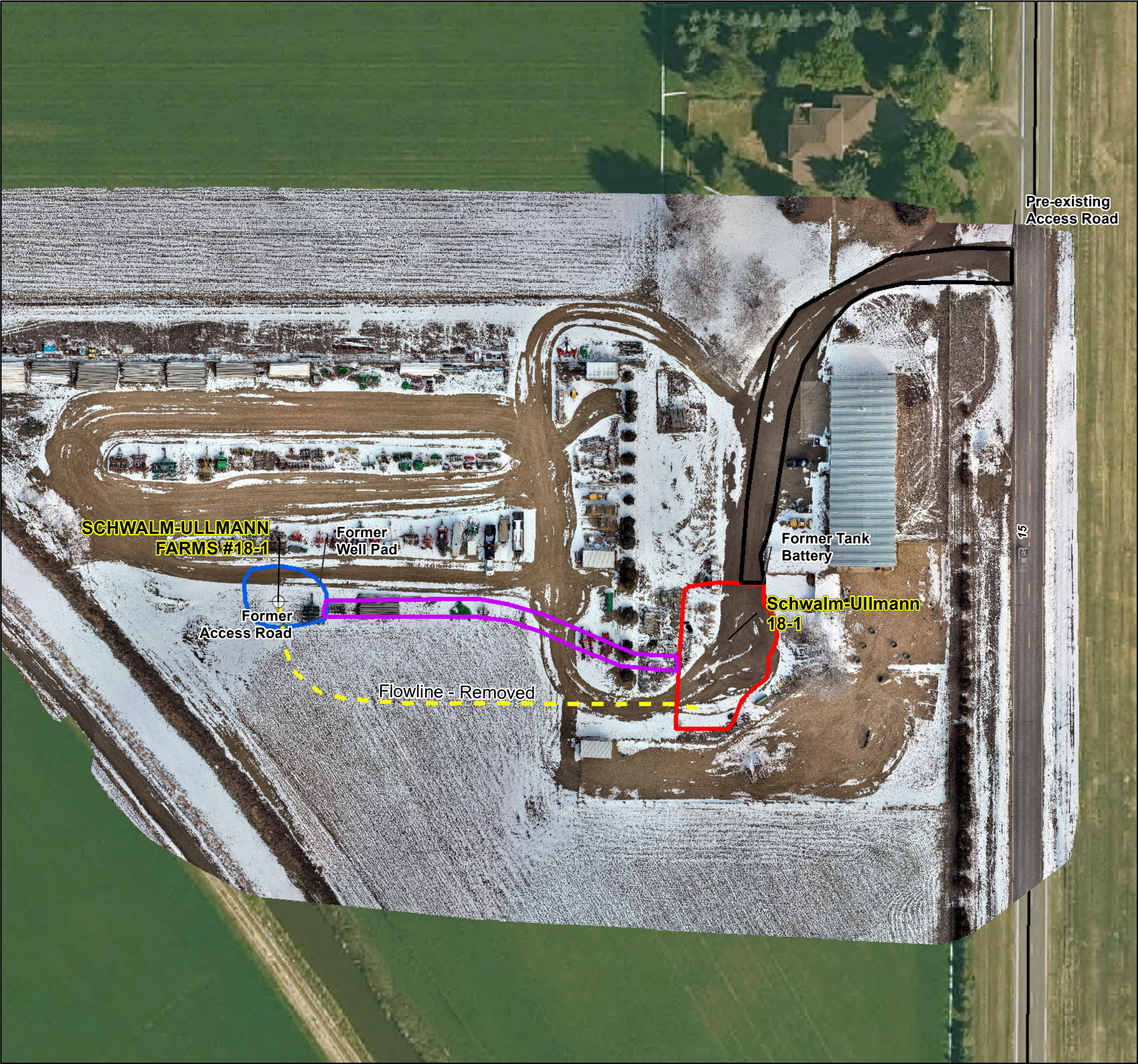
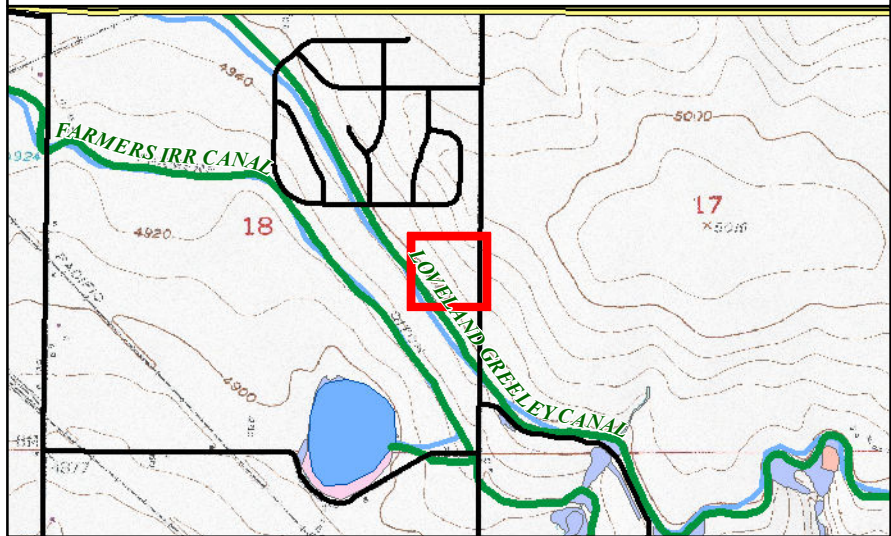
PDC Energy Form 4 Final Reclamation - Post Plugging Overview

Schwalm-Ullmann Farms 18-1



- Well Head
- Former Access Road
- Former Tank Battery
- Former Well Pad
- Pre-existing Access Road
- Flowline - Removed
- County/Local Road
- County/Local Road

2025 Drone Imagery



Cardinal Direction Drone Photos of the Reclaimed Well Pad Area

Photo Dates:

2/20/2025

Drone Photo Height:

85'

North of Disturbance Facing South
Lat/Long: 40.39925133 / -104.92848136



South of Disturbance Facing North
Lat/Long: 40.39692375 / -104.92855069



West of Disturbance Facing East
Lat/Long: 40.39810983 / -104.93004339



East of Disturbance Facing West
Lat/Long: 40.39807586 / -104.92697983



Cardinal Direction Drone Photos of the Reclaimed Tank Battery Area

Photo Dates:

2/20/2025

Drone Photo Height:

85'

North of Disturbance Facing South
Lat/Long: 40.39906750 / -104.92716522



South of Disturbance Facing North
Lat/Long: 40.39693683 / -104.92722969



West of Disturbance Facing East
Lat/Long: 40.39799925 / -104.92862883



East of Disturbance Facing West
Lat/Long: 40.39799139 / -104.92582728

