



Site Specific Final Reclamation Completion Notice – Cropland Drone Imagery

Permit Closure Report – Cropland

Location ID: 323272

Location Name: MILNE-66N65W/18NENE

Report Date:

10/29/2024

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 cropland drone imagery and information for submitting a final reclamation completion notice.

Crop Year and Type

Crop 2024 – Corn

Crop 2023 – Corn

Inspection:

Performed by	H2E, Incorporated
Date	8/2/2024

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

Location Checklist



Operator / #	PDC ENERGY INC / 69175		
Name / Location ID	MILNE-66N65W/18NENE / 323272		
County	Weld		
Well Information	Well Name: MILNE #4		
	Well API #: 05-123-12793		
	Lat/Long As Drilled: 40.493627 / -104.699401		
	Plug date & Form 6S Doc. #: 11/14/2019 - 01/22/2020		
Facility Entities	X	Tank Battery	Pits
	X	Wells	On-Location Flowlines (Form 42): Doc. #
		Domestic Taps	X Off-Location Flowlines (Form 44): Doc. # 403906904
Equipment on Site	X	None	Debris
		Pit mouse/rat holes, cellars backfilled	
Access Road	X	Regraded	X Contoured
		Culverts removed	Gravel removed
		Pre-existing: must provide supporting documentation	
Reclamation Status	X	Location and associated disturbances reclaimed	
		Subsidence	
Spills or Releases (Form 19)	X	No	Yes
Remediation (Form 27/27A)	X	No	Yes
On-Location Flowlines	X	No	Yes
Off-Location Flowlines		No	X Yes
Inspection Corrective Actions		No	X Yes
Sundry Notice (Form 4)	No sundry notice pertaining to series 900-1200 rules was identified.		
Drone Information	Make & Model: DJI M300		
	Image Processing Software: Pix4Dmapper		
	Pilot Name & FAA Certificate #: Cameron Denison - 4729153		
	Date of FAA Certificate Issuance: 2/15/2024		



Designated Land Use Observations

Previous Land Use	Current Land Use
Reference Imagery for Infrastructure: NAIP 2013	Remotely Sensed Imagery: 8/2/2024
Designation: Oil and Gas Facility	Designation: Cropland

The following imagery sources were reviewed during this investigation:

NAIP Imagery 2013 and 2023

Site Observation Notes

No Additional Information

Closure Information

This final reclamation completion notice is intended to close the MILNE-66N65W/18NENE location which consists of the MILNE #4 (API # 05-123-12793) wellhead. This wellhead does not share a disturbance with any other wells or tank batteries. The associated tank battery does not have its own location ID and will be tied to the MILNE #4 well pad.

The MILNE-66N65W/18NENE location is in Weld County, Colorado west of CR 39 and south of CR 70. There is one off location flowline associated with this well that transports oil to its associated tank battery.

MILNE #4 was reclaimed and returned to the landowner for agricultural use in 2019. The wellhead was accessed from an unnamed access road along CR 39 that led to the MILNE-66N65W/18NENE location.

There were no spill/releases (Form 19) or Remediation Workplan (Form-I & Form-S) documented during our records review.

There were three corrective actions (CA's) documented during our records review. On 06/11/2014 (Document #673801013) the inspection stated "No capacity on produced water tank." The following inspection performed on 2/18/2016 (Document # 673802895) stated that "Corrective actions from inspection Doc#673801013 completed to comply with COGCC Rules." Two corrective actions were observed on 3/12/2019 (Document #696100475) stating "Post Accurate capacity in Bbls. at produced H2O vault to comply with Rule 210.d" and "Post Accurate Emergency contact number at well to comply with Rule 210.b." These corrective actions were addressed during the next inspection on 4/10/2019 (Document # 696100744) as the inspection stated that "2 of 2 - Corrective Actions addressed. 1.) Correct Emergency number NOW posted at wellsite. 2.) Produced H2O vault capacity NOW posted."

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	1.21
Access Road	0.38
Flowline	Not Included
Tank Battery	0.48
Well Pad	0.35

Location Summary



Name:	MILNE-66N65W/18NENE		
Type	Wellhead		
Location ID	323272		
Operator / #	PDC ENERGY INC / 69175		
Field	EATON		
County, State	Weld, Colorado		
Lat/Long	40.493627 / -104.699401		
Location	<input type="checkbox"/> Planned Location	<input checked="" type="checkbox"/> As Drilled	
Location Status - Date	CL - 11/14/2019		
Facility Entities	<input checked="" type="checkbox"/> Tank Battery		<input type="checkbox"/> Pits
	<input checked="" type="checkbox"/> Wells	<input checked="" type="checkbox"/>	<input type="checkbox"/> Off-Location Flowlines
	<input type="checkbox"/> Domestic Taps		<input type="checkbox"/> On-Location Flowlines
	<input type="checkbox"/> Electric Utilities		
Equipment on Site	<input checked="" type="checkbox"/> No		<input type="checkbox"/> Yes
	If yes, list:		
	Pit mouse/rat holes, cellars backfilled		
Access Road	<input checked="" type="checkbox"/> Regraded	<input checked="" type="checkbox"/>	<input type="checkbox"/> Contoured
	<input type="checkbox"/> Culverts Removed		<input type="checkbox"/> Gravel Removed
	<input type="checkbox"/> Pre-Existing (Must provide supporting documentation):		
Variance Requests	N/A		
Sundry Notice (Form 4)	No sundry notice pertaining to series 900-1200 rules was identified.		
Off-Location Flowlines (Form 44)	Form 44 Doc # & Date: 403906904 - 08/30/2024		
	Purpose: Flowline Abandoned		
	Abandonment Date: 11/14/2019		
	ECMC Approval Date & Signee: N/A		
	Operator Comments: N/A		
	Flowline Facility Information		
	ECMC Flowline ID: 479253		
	Operator Flowline ID: PDC Flowline System		
	Status & Date: AC - 10/25/2024		
	Flowline Type: Wellhead Line		
	Type of Fluids Transported: Oil		
	Start Point Location ID: 323272		
	Start Point Riser Lat/Long: 40.493627 / -104.699401		
	Equipment at Start Point: Wellhead		
	End Point Location ID: N/A		
	End Point Riser Lat/Long: 40.492067, -104.699297		
Equipment at End Point: Separator			

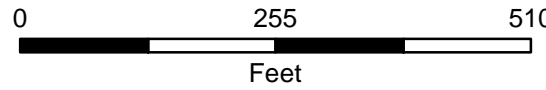
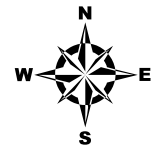
Field Inspection Form (Form INSP)	Form INSP Doc # & Date: 673801013 - 6/21/2014 673802895 - 02/18/2016 696100475 - 03/12/2019 696100744 - 04/10/2019	
	Status Summary: 673801013 - SATISFACTORY 673802895 - SATISFACTORY 696100475 - FOLLOW UP INSPECTION REQUIRED 696100744 - THIS IS A FOLLOW UP INSPECTION; NO FOLLOW UP INSPECTION REQUIRED	
	Inspected Facilities: 673801013 - Well 673802895 - Well 696100475 - Well 696100744 - Well	
	Inspection Status: 673801013 - PR 673802895 - PR 696100475 - SI 696100744 - SI	
	Inspection Date & Inspector: 673801013 - 06/11/2014 - Gomez, Jason 673802895 - 02/18/2016 - Gomez, Jason 696100475 - 03/12/2019 - Evins, Bret 696100744 - 04/10/2019 - Evins, Bret	
	Comments: 673801013 - Passed Interim Reclamation 673802895 - Corrective actions from inspection Doc#673801013 completed to comply with COGCC Rules 696100475 - Observed well SI & TO. Production valves shut. COGCC records indicate last production: 10/2017. 696100744 - 2 of 2 - Corrective Actions addressed. 1.) Correct Emergency number NOW posted at wellsite. 2.) Produced H2O vault capacity NOW posted.	
Inspection Corrective Actions (CAs)	673801013 - No capacity on produced water tank 696100475 - Post Accurate capacity in Bbls. at produced H2O vault to comply with Rule 210.d Post Accurate Emergency contact number at well to comply with Rule 210.b.	
Environmental Incidents & Remediation	<input checked="" type="checkbox"/> None	<input type="checkbox"/> Spill or Release (Form 19)
Spill or Release (Form 19)	Remediation (Form 27/27A)	
Site Investigation and Remediation Workplan (Form 27/27A)	N/A	
COGIS Tank Location Information (Scout Card)	Tank Battery Name: N/A	
	Location ID: N/A	
	Status & Date: N/A	
	Lat/Long: 40.492067, -104.699297	
	Notes: N/A	
	Form 4 Doc # & Date: N/A Purpose: N/A	
COGIS Well Information (Scout Card)	Well Name: MILNE #4	
	Facility ID: 244998	
	Status & Date: PA - 11/14/2019	
	Lat/Long: 40.493627 / -104.699401	
	Notes: N/A	
	Form 4 Doc # & Date: N/A Purpose: N/A	

Pre-Plugging Active Operations Location Overview



PDC Form 4 Final Reclamation - Pre Plugging Overview

Milne 4

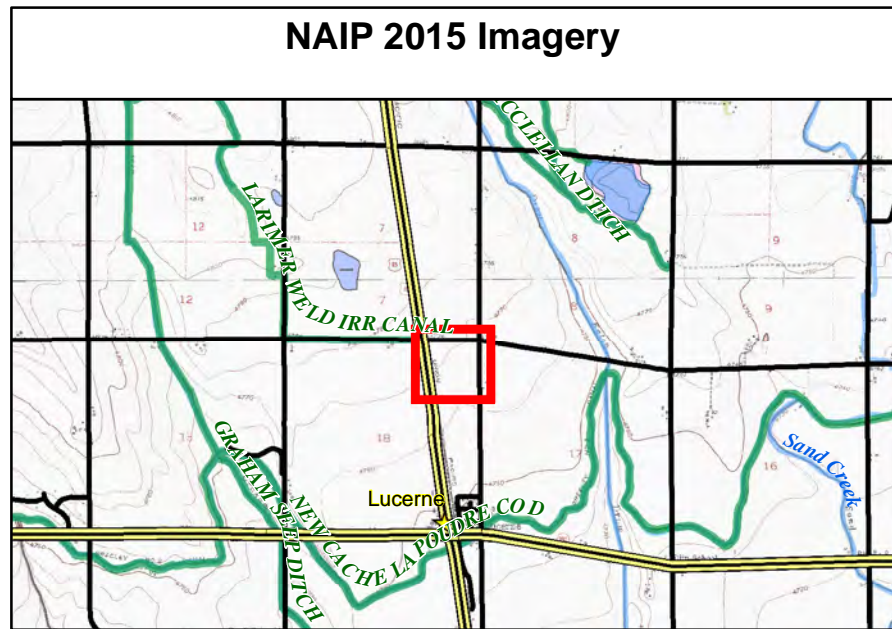


Editor: CDenison
File: PDC_Drone_Rec_PrePlugging_DDP

Scale: 1:2,300
Date: 11/1/2024

- Well Head
- Former Tank Battery Disturbance
- Reclaimed Well Pad Disturbance
- Reclaimed Access Road Disturbance
- Flowline - Abandoned
- Highway

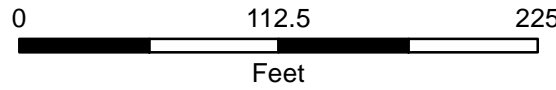
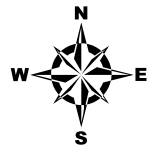
NAIP 2015 Imagery





PDC Form 4 Final Reclamation - Pre Plugging Overview

Milne 4

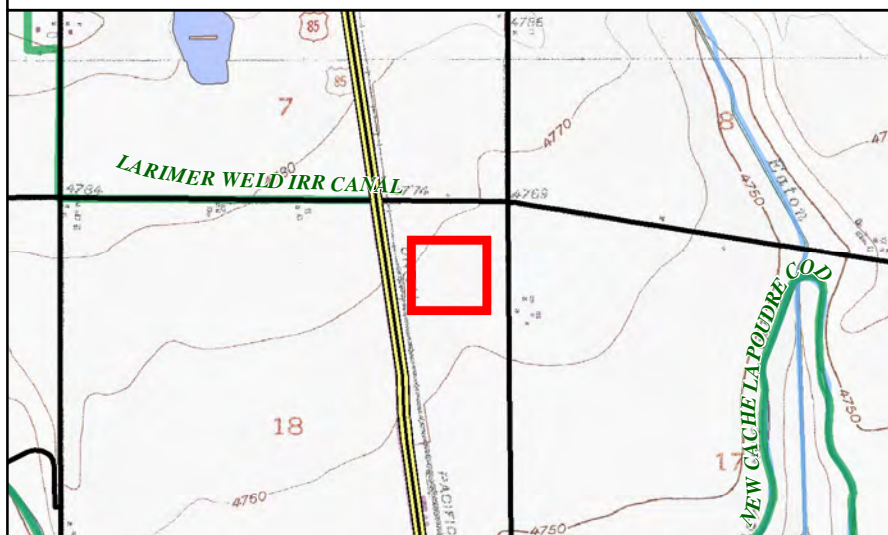


Editor: CDenison
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- Well Head
- Former Tank Battery Disturbance
- Reclaimed Well Pad Disturbance
- Reclaimed Access Road Disturbance
- Flowline - Abandoned

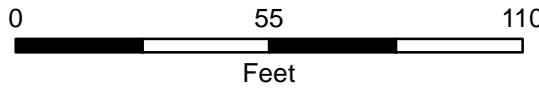
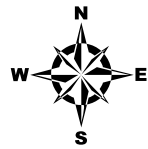
NAIP 2015 Imagery





PDC Form 4 Final Reclamation - Pre Plugging Overview

Milne 4

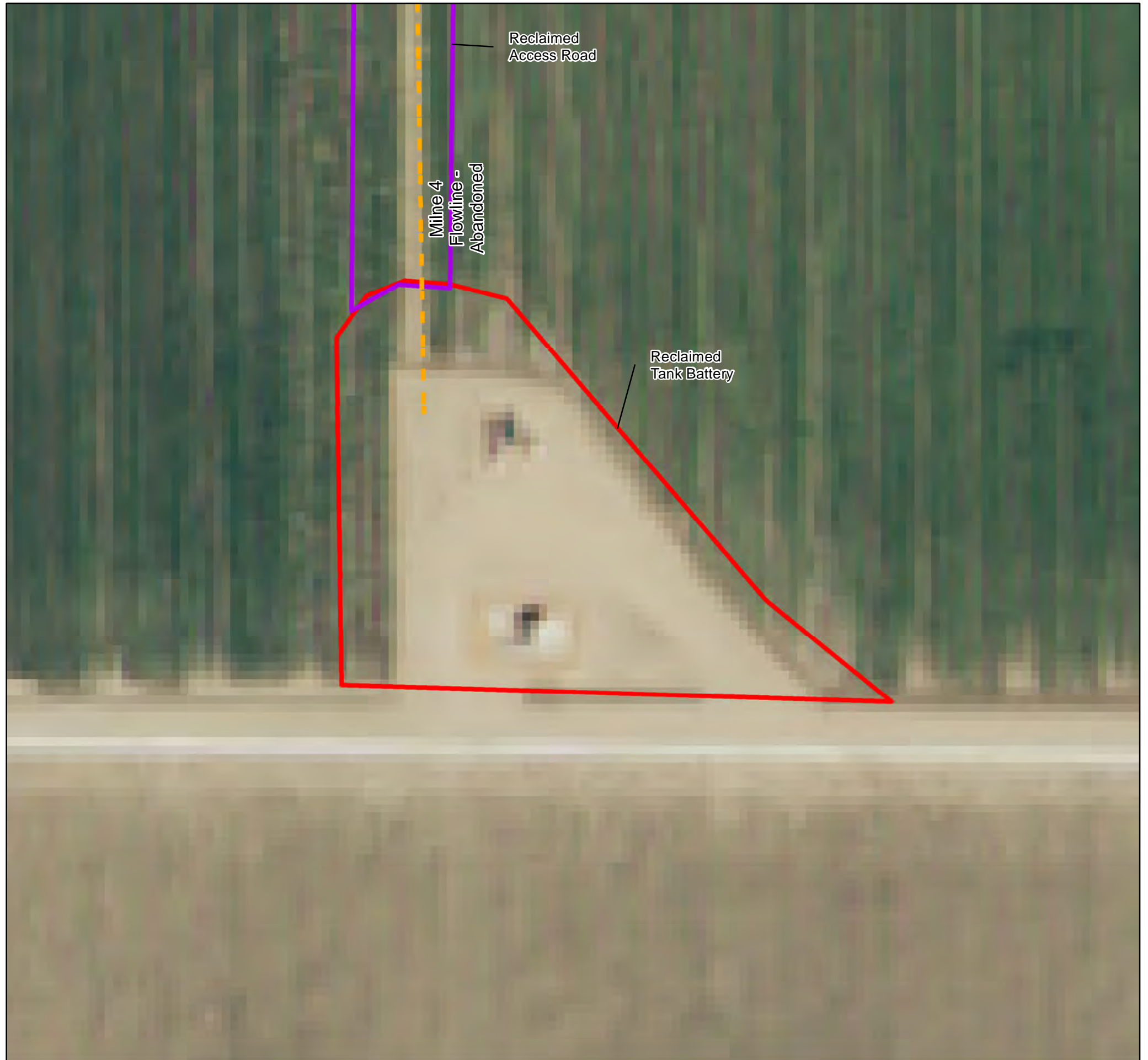
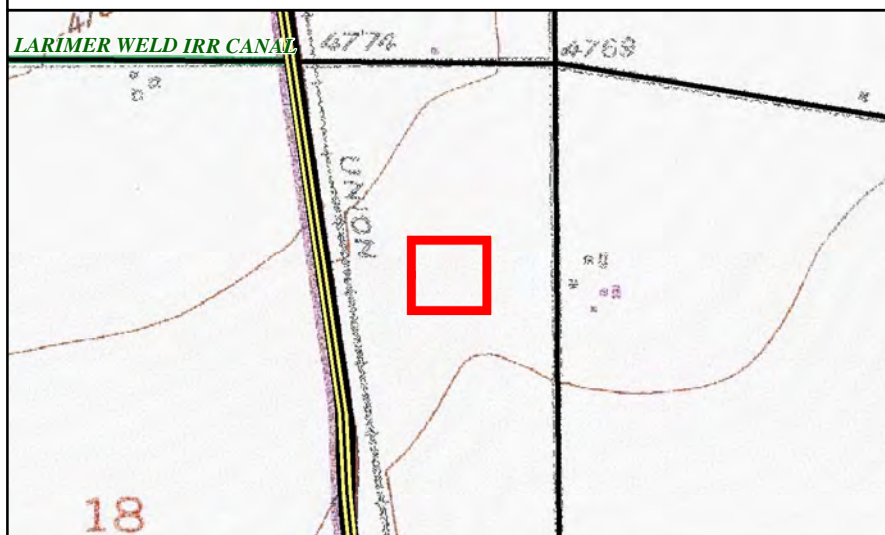


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Prepared by:
Scale: 1:500
Date: 11/1/2024

- Well Head
- Former Tank Battery Disturbance
- Reclaimed Access Road Disturbance
- Flowline - Abandoned

NAIP 2015 Imagery

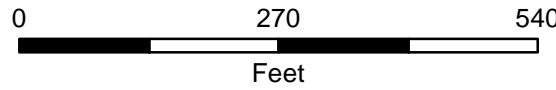
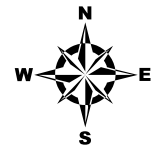


Post-Plugging and Abandonment Location Overview



PDC Form 4 Final Reclamation - Post Plugging Overview

Milne 4

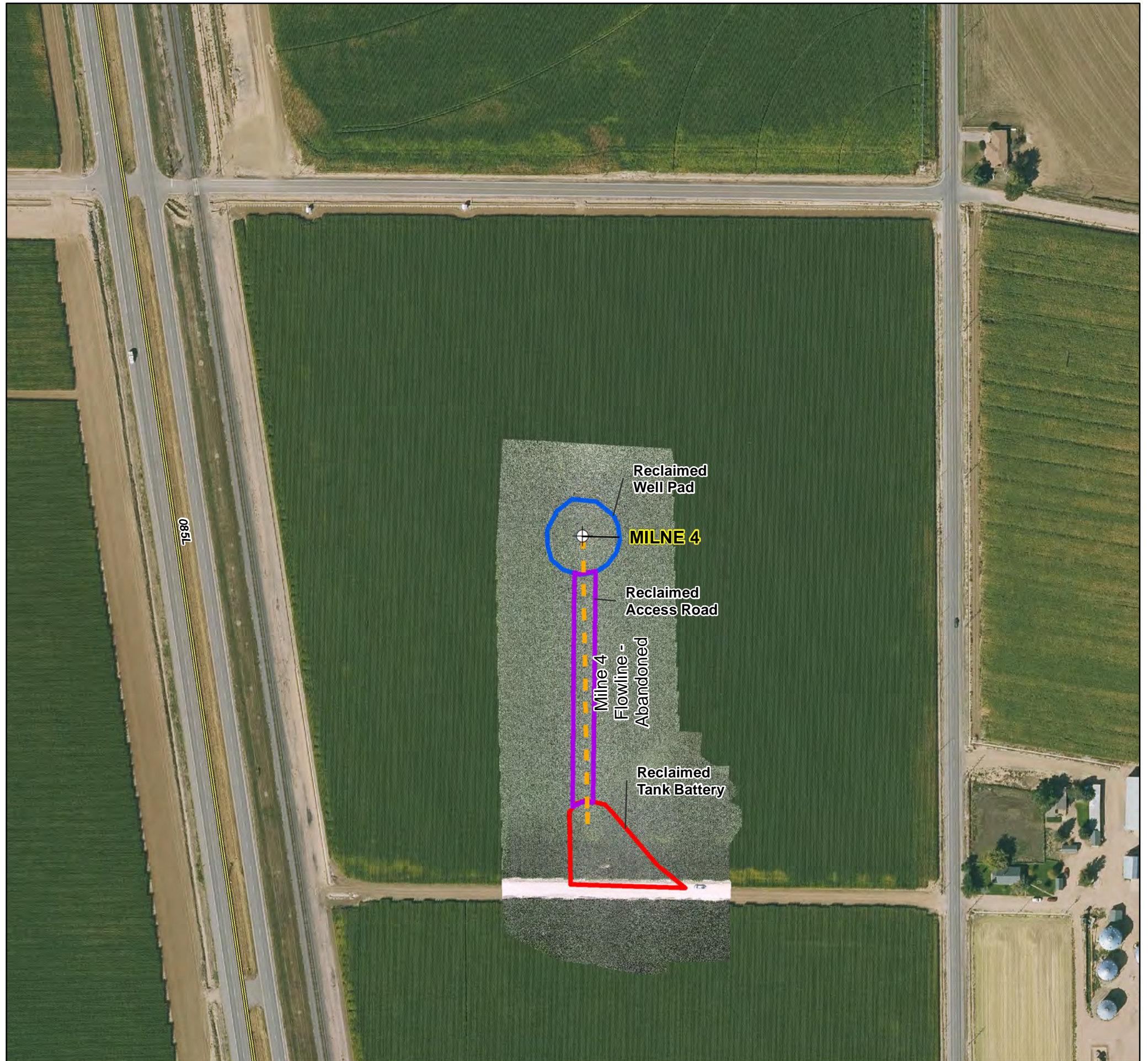
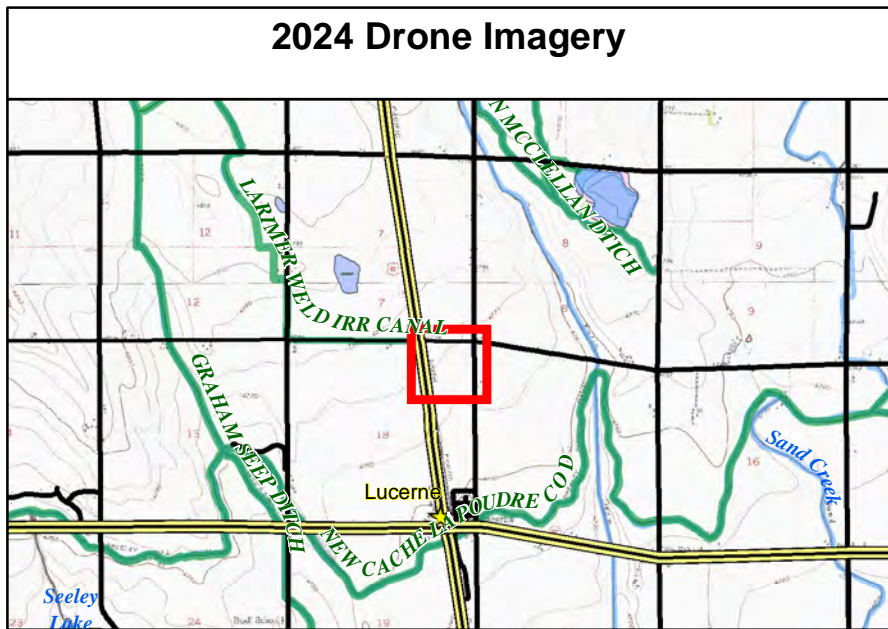


Editor: CDenison
File: PDC_Drone_Rec_PostPlugging_DDP

Scale: 1:2,400
Date: 11/1/2024

- Well Head
- Reclaimed Tank Battery Disturbance
- Reclaimed Well Pad Disturbance
- Reclaimed Access Road Disturbance
- Flowline - Abandoned
- Highway

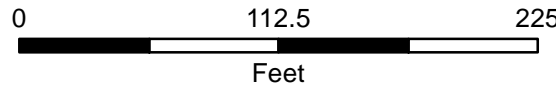
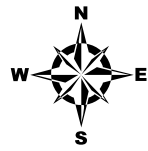
2024 Drone Imagery





PDC Form 4 Final Reclamation - Post Plugging Overview

Milne 4

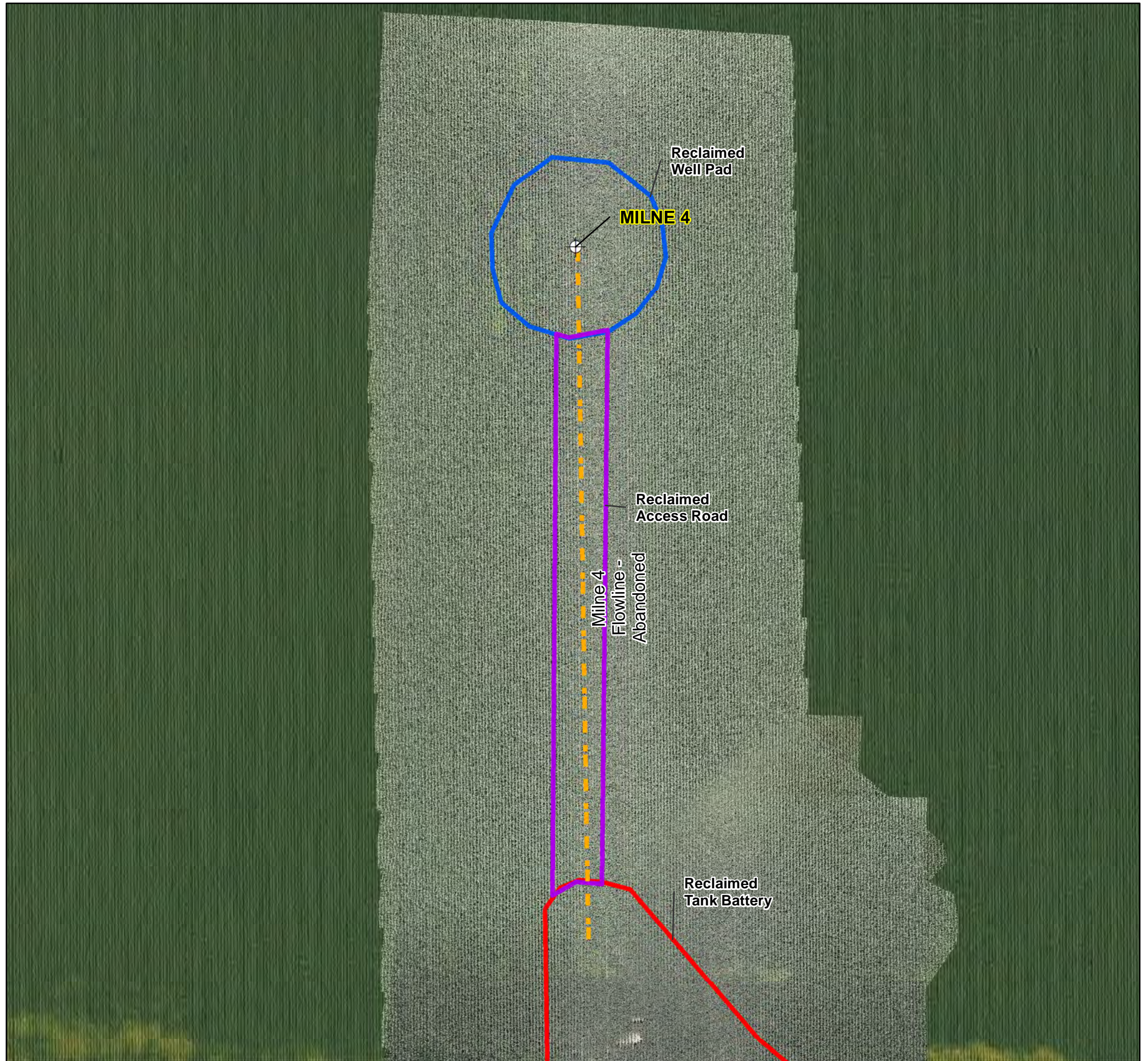
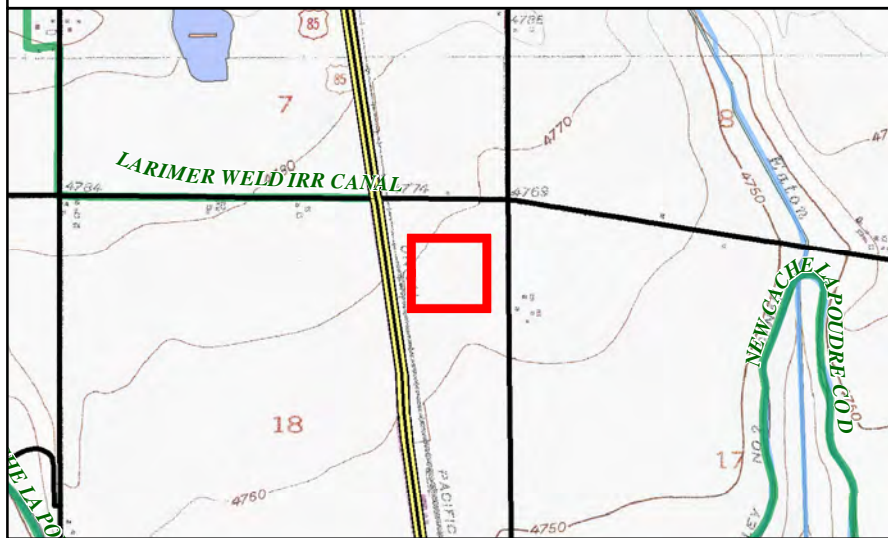


Editor: CDenison
File: PDC_Drone_Rec_PostPlugging_DDP

Prepared by:
Scale: 1:1,000
Date: 11/1/2024

- Well Head
- Reclaimed Tank Battery Disturbance
- Reclaimed Well Pad Disturbance
- Reclaimed Access Road Disturbance
- Flowline - Abandoned

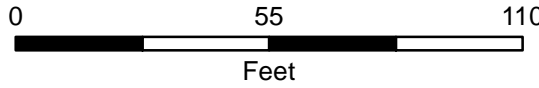
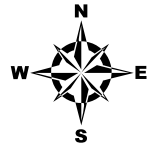
2024 Drone Imagery





PDC Form 4 Final Reclamation - Post Plugging Overview

Milne 4

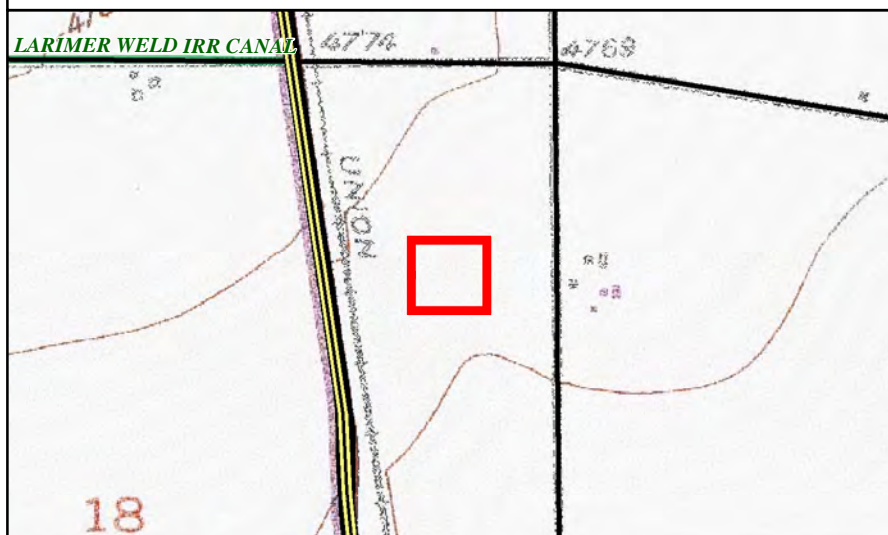


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Scale: 1:500
Date: 11/1/2024

- Well Head
- Reclaimed Tank Battery Disturbance
- Reclaimed Access Road Disturbance
- Flowline - Abandoned

2024 Drone Imagery



Cardinal Direction Drone Photos of the Reclaimed Well Pad Area

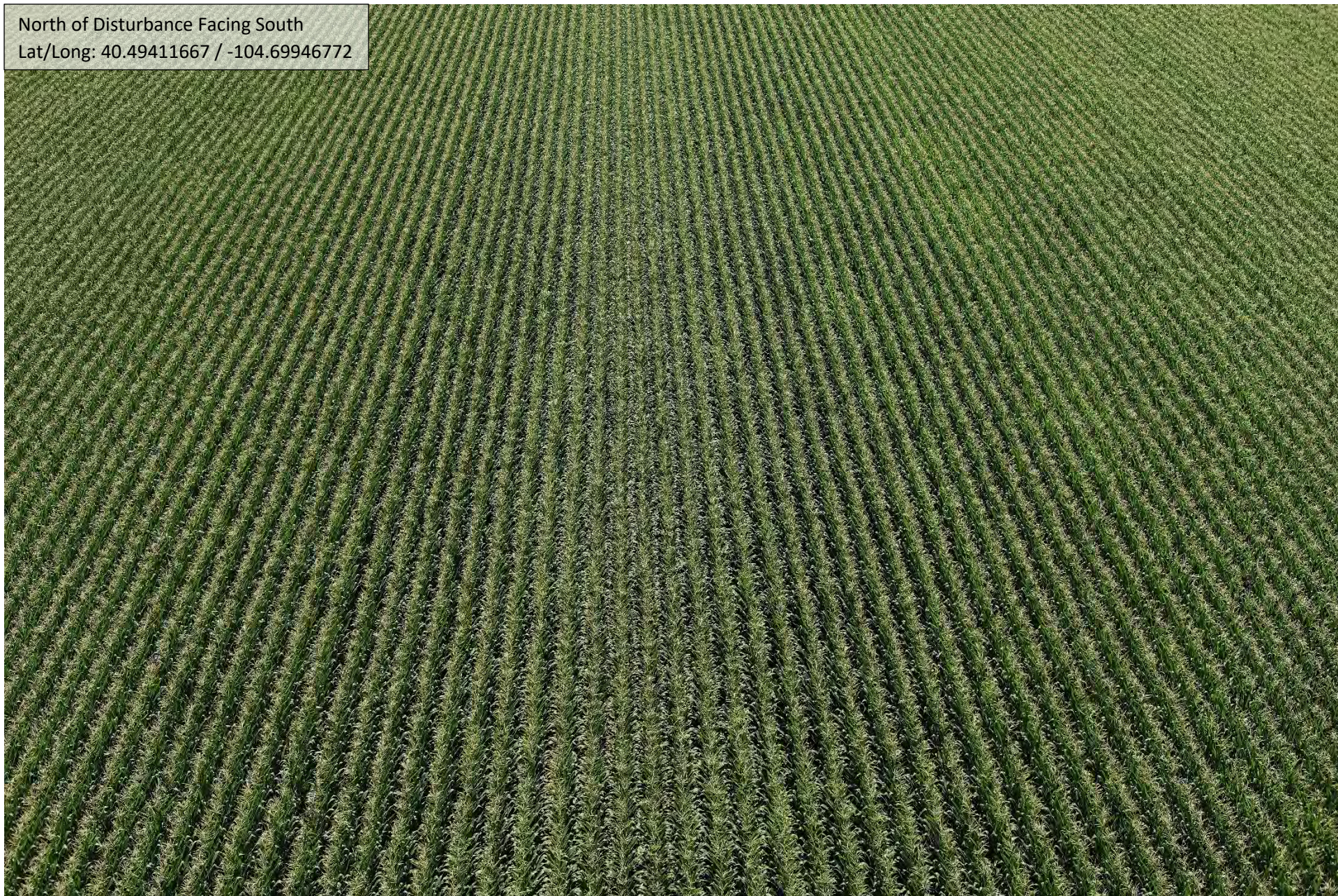
Photo Dates:

8/2/2024

Drone Photo Height:

100'

North of Disturbance Facing South
Lat/Long: 40.49411667 / -104.69946772



South of Disturbance Facing North
Lat/Long: 40.49292261 / -104.69939350



East of Disturbance Facing West
Lat/Long: 40.49366203 / -104.69883214



West of Disturbance Facing East

Lat/Long: 40.49360814 / -104.70013636



Cardinal Direction Drone Photos of the Reclaimed Tank Battery Area

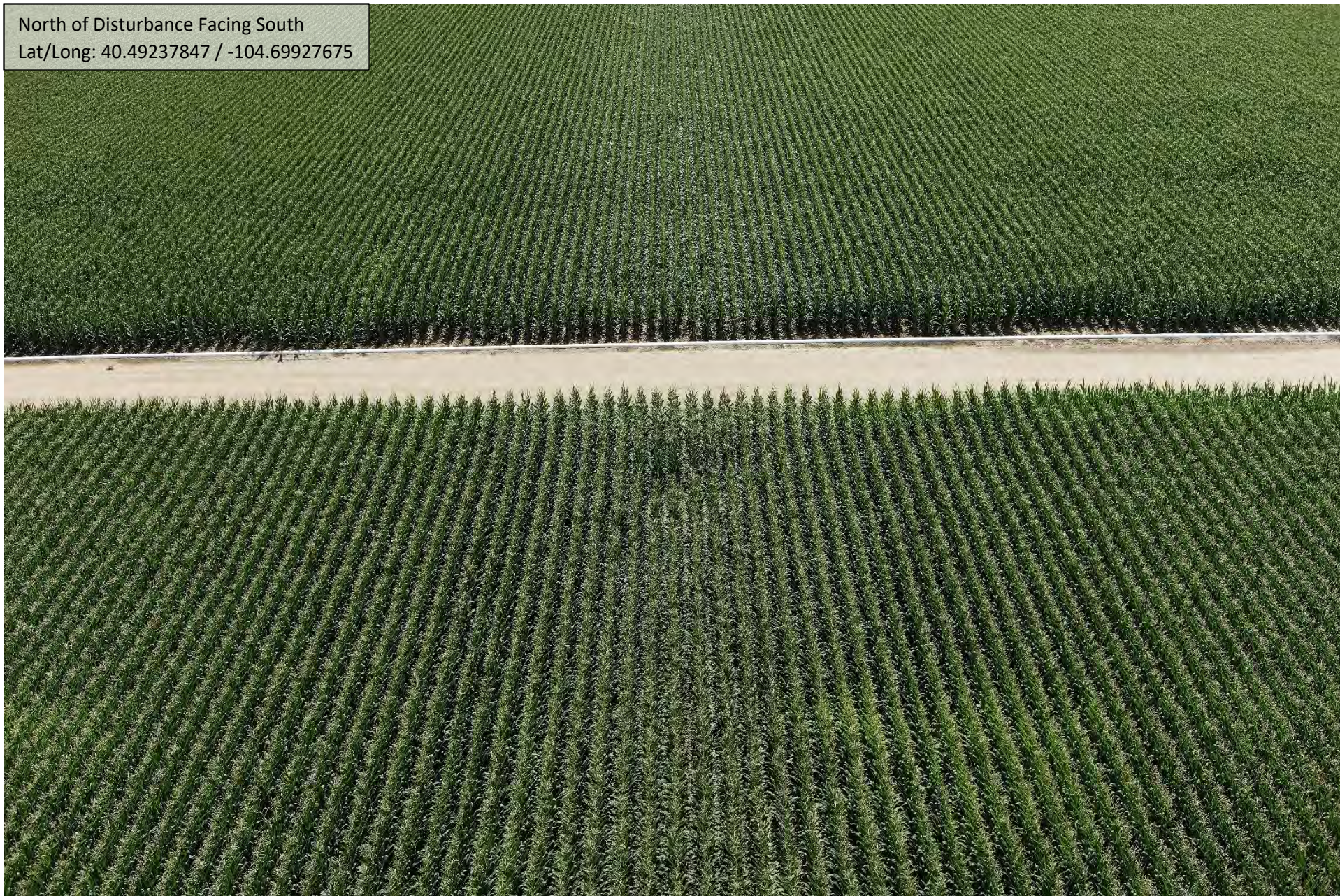
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8/2/2024

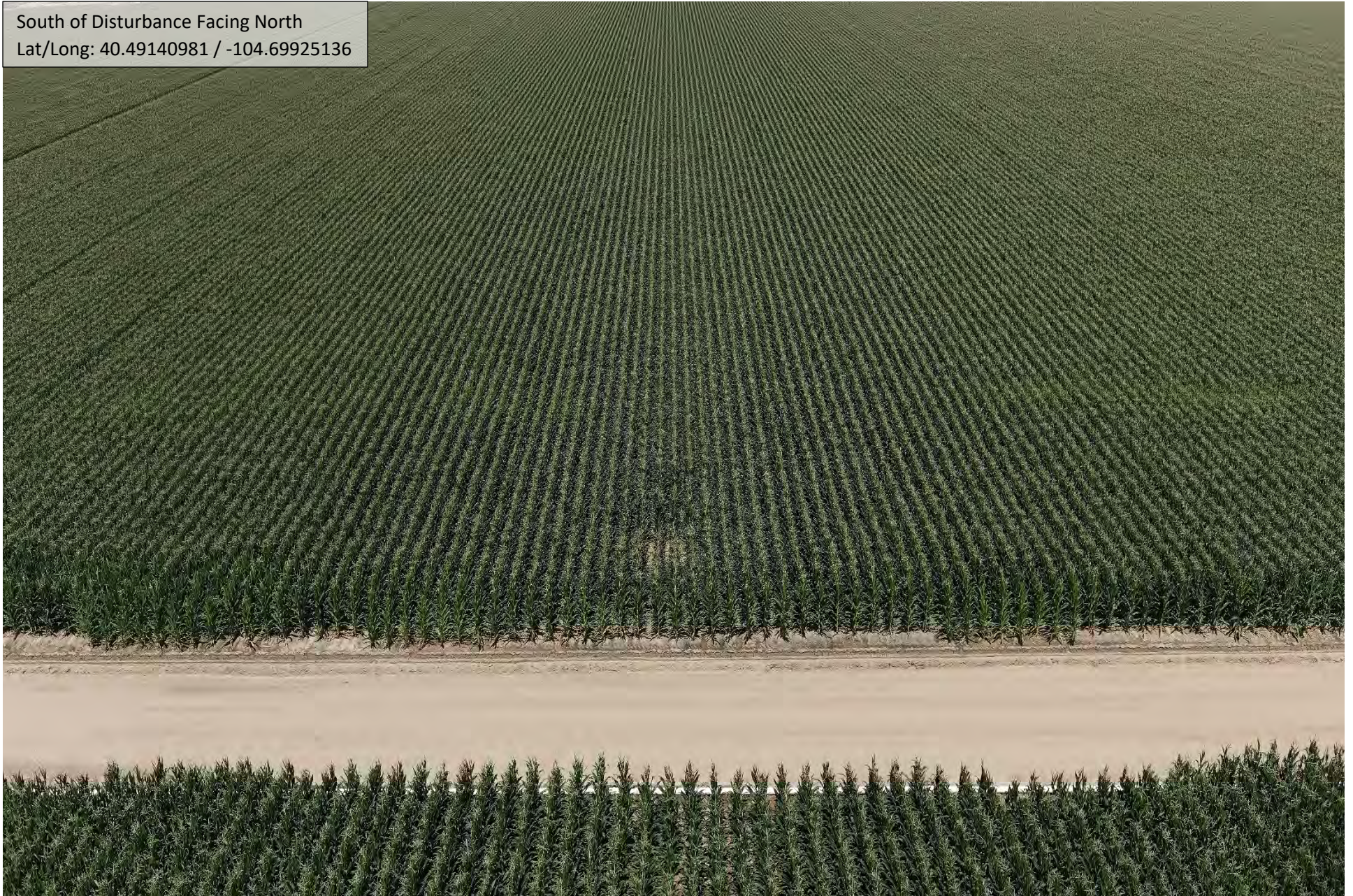
Drone Photo Height:

100'

North of Disturbance Facing South
Lat/Long: 40.49237847 / -104.69927675



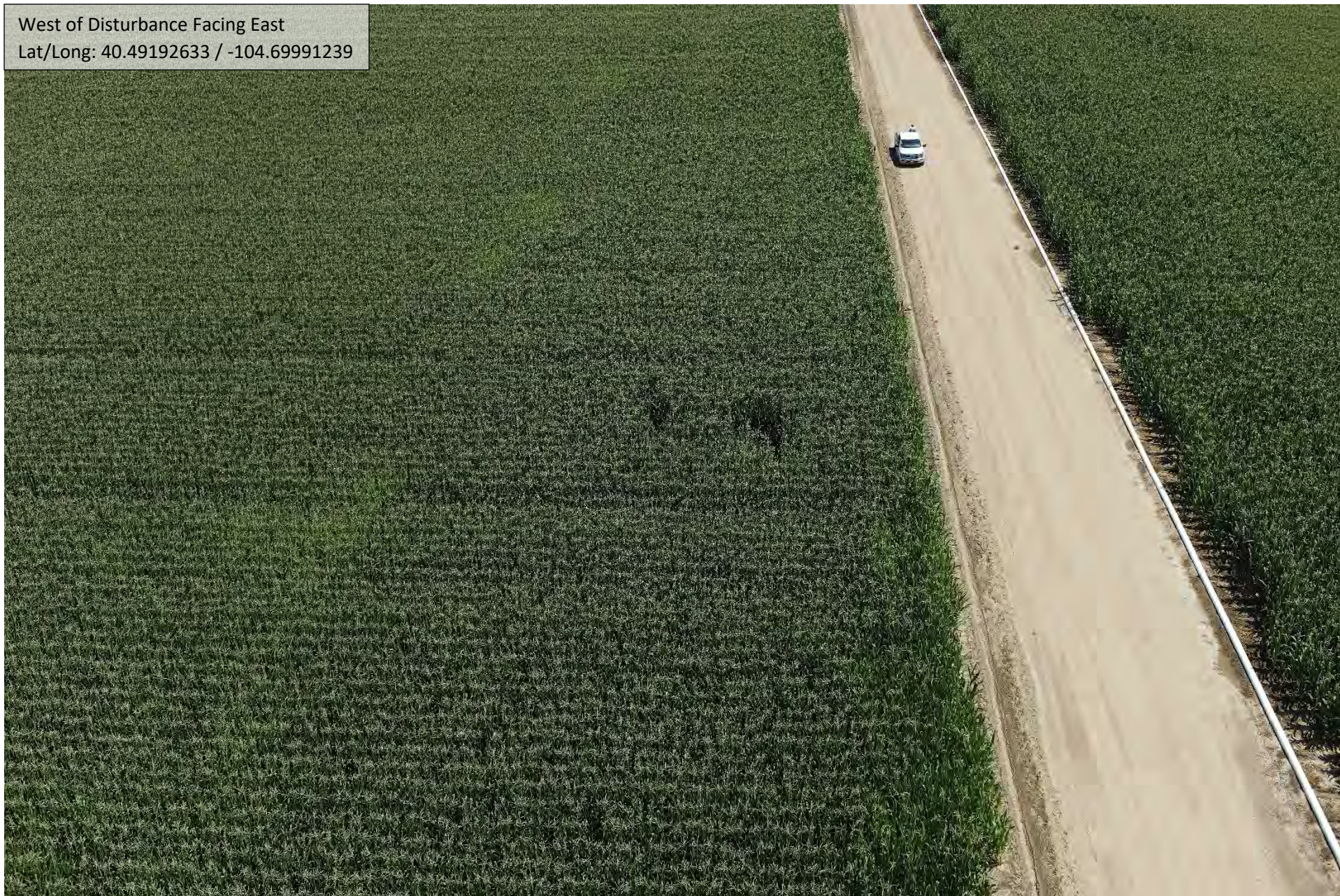
South of Disturbance Facing North
Lat/Long: 40.49140981 / -104.69925136



East of Disturbance Facing West
Lat/Long: 40.49194144 / -104.69870706



West of Disturbance Facing East
Lat/Long: 40.49192633 / -104.69991239



Cardinal Direction Drone Photos of the Well Pad Reference Area

Photo Dates:

8/2/2024

Drone Photo Height:

100'

Reference Area North of the Reclaimed Area
Lat/Long: 40.49411942 / -104.69947164



Reference Area South of the Reclaimed Area
Lat/Long: 40.49411667 / -104.69946772



Reference Area West of the Reclaimed Area
Lat/Long: 40.49360483 / -104.70014222



Reference Area East of the Reclaimed Area
Lat/Long: 40.49366694 / -104.69882689



Cardinal Direction Drone Photos of the Tank Battery Reference Area

Photo Dates:

8/2/2024

Drone Photo Height:

100'

Reference Area North of the Reclaimed Area
Lat/Long: 40.49238561 / -104.69927775



Reference Area South of the Reclaimed Area
Lat/Long: 40.49140581 / -104.69924531



Reference Area West of the Reclaimed Area
Lat/Long: 40.49192328 / -104.69991769



Reference Area East of the Reclaimed Area
Lat/Long: 40.49194508 / -104.69869797



Reference Photo for Cropland Growth Stage

Cropland Reference Photo (Corn)
Lat/Long: 40.49180167 / -104.69837167

