DEQ – Copy ✓

DEQ
Montana Department of Environmental Quality

WATER PROTECTION BUREAU

Agency Use	
Permit No.:	MTG010270
Date Rec'd	2-25-25
Amount Rec'd	0
Check No.	0
Rec'd By	JMF

FORM NOI-NMP CAFO	**Notice of Intent (NOI) and Nutrient Management Plan (NMP) Concentrated Animal Feeding Operation General Permit MTG010000**

This application form is comprised of the **NOI (Sections 1 – 5)** and the **NMP (Sections 6 – 10)**. Before completing the NOI-NMP form, Concentrated Animal Feeding Operation (CAFO) operators must read the CAFO General Permit. CAFO operators are also advised to read the attached NOI-NMP instructions before completing this form. You must print or type legibly; forms that are not legible, not complete, or unsigned will be rejected. You must maintain a copy of the completed NOI-NMP form for your records.

CAFO Status and Fee

Permit Authorization Number: M T G 0 1 0 2 7 0

Select Appropriate Fee:
- ☐ New Application: $1200
- ☒ Renewal Application: $600
- ☐ Permit Modification: $600

Sections 1 through 5 consist of the NOI. The application form is to be completed by the owner or operator of a Concentrated Animal Feeding Operation (CAFO).

Section 1 – Facility/Site Information

Facility Name: Hillcrest Colony

Location (Physical address or Directions): 1124 Wilson Rd

Nearest City or Town: Power

Zip Code, County: 59468 Cascade

Facility Latitude, Longitude: 47.6338, -111.5018

Date facility began operation: 11-2010

Status of Applicant: ☐ Federal ☐ State ☐ No ☒ Private ☐ Other _____

Located on Tribal Lands? ☒ No ☐ Yes *(If yes, obtain the permit through EPA, not DEQ)*

Continue to Page 2

RECEIVED
FEB 25 2025
DEQ WATER QUALITY DIVISION

Section 2 – Representatives

2.1 Applicant (Owner/Operator)

The owner/operator assumes all liability for site discharges and compliance with the terms and conditions of the permit. The signatory/responsible official must meet certification requirements listed in the Certification Section at this end of this form.

Owner/Operator Formal Name: Hillcrest Colony

Mailing Address: 1124 Wilson Rd

City, State, Zip Code: Power, MT 59594

Signatory/Responsible Official: Name John M. Wipf Title Sec-Treasurer

Contact Information: Phone 406-475-2495 Email

2.2 Authorized Representative

For future reports (including NetDMR) to be signed by anyone other than the signatory/responsible official, a duly authorized individual(s) or position must be identified. If one is not designated, than all reports must be signed by the signatory until such designation is made in writing [ARM 17.30.1232(2)].

Select Appropriate Box:

☐ No authorized representative for this permit is designated at this time (continue to Section 3)

☒ I designate the following duly authorized representative for this permit (provide the information below):

Authorized Representative Information:

Authorized Representative: Name Joe Carleton Title Consultant

Company Name: DryFork Ag

Mailing Address: 301 main Street

City, State, Zip Code: Ledger, MT 59456

Contact Information: Phone 406-788-0653 Email dryforkjoe@gmail.com

Section 3 – Business Description

3.1 SIC Codes and NAICS Codes

Provide at least one Standard Industrial Classification (SIC) code and one North American Industry Classification System (NAICS) code which best reflects the products or services provided by the CAFO.

SIC Code		Description
(1)	213	Hogs
(2)	252	Chicken Layer
(3)		
(4)		

NAICS Code		Description
(1)	11221	Hog
(2)	11234	Chicken Layer
(3)		
(4)		

SIC Code Examples:

211 Beef Cattle Feedlots
212 Beef Cattle, Except Feedlots
213 Hogs
214 Sheep and Goats
241 Dairy Farms
251 Broiler, Fryer and Roaster Chickens
252 Chicken Eggs
253 Turkeys and Turkey Eggs
254 Poultry Hatcheries
259 Poultry and Eggs, not elsewhere classified (Ducks)
272 Horses and other Equines

NAICS Code Examples:

112112 Cattle Feedlots
112111 Beef Cattle Ranching and Farming
11221 Hog and Pig Farming
11240 Sheep Farming
11212 Dairy Cattle and Milk Production
11232 Broilers and other Meat-Type Chickens
11234 Chicken Egg Production
11233 Turkey Production
11234 Poultry Hatcheries
112390 Other Poultry Production
112920 Horses and other Equine Production

3.2 Facility or Operation Description

Provide a brief description of the nature of the facility (feedlot, stockyard, sale barn, etc.)

Hog barn 2100 Sows
Chicken Layer barn 60,000 Hens

3.3 Existing or Pending Permits, Certification, or Approvals

☐ None
☒ MPDES CAFO Discharge
☐ PSD (Air Emissions)_____
☐ 404 Permit (Dredge and Fill)_____
☐ RCRA_____
☐ Other_____
☐ Other_____

Section 4 – Outfalls

4.1 Receiving Water

For each outfall, provide the latitude and longitude (to the nearest decimal degree) and the name of the receiving water. If the receiving water/drainage is unnamed, indicate the closest named drainage it flows into (i.e., "unnamed tributary to Clear Creek"). Attach additional sheets if necessary for more outfalls. This section must not be left blank, and "N/A" is not acceptable.

Outfall	Latitude	Longitude	Name of Receiving Water
001	47.5398	-111.4582	Sun River

Section 5 – Characteristics

5.1 Impaired Waters 303(d)

Identify whether the receiving water is impaired for nutrients. Check the Clean Water Act Information Center database at https://deq.mt.gov/water/resources to determine if the receiving water is impaired for nutrients (total nitrogen and/or total phosphorus).

☐ The receiving water is impaired for nutrients
☒ The receiving water is NOT impaired for nutrients

Continue to Page 4

5.2 Animal Confinement

Report the maximum number of each type of animal confined at any one time in open confinement and/or housed under a roof.

Animal type	Number in Open Confinement	Number Housed Under Roof
Mature Dairy Cows		
Veal Calves		
Cattle including dairy Heifers		
Swine 55 lbs. or over	0	2100
Swine 55 lbs. or under	0	5760
Horses		
Sheep or Lambs		
Turkeys		
Chicken broilers –includes juveniles		
Chicken layers –includes juveniles	0	60,000
Ducks		
Other Specify:		
Other Specify:		

5.3 Rain Gage Location

Identify the nearest gage station or onsite rain gage. Provide either the Station ID of the gage or a latitude and longitude.

Station ID _____ OR

Latitude, Longitude 47.6338, -111.5018

5.4 Containment Structures

Were the containment structures built after February 2006?

☒ Yes. Skip the following 3 questions and continue to the table below.

☐ No. Complete the questions and table below.

Do the livestock waste control facilities have 10 feet of separation between the pond bottom and any bedrock formations?

☐ Yes ☐ No

Do the waste containment structures have 4 feet of separation from the pond bottom to any ground water?

☐ Yes ☐ No

Do the livestock waste control facilities comply with the applicable well setbacks?

☐ Yes ☐ No

Continue to Page 5

Identify the type of containment/storage, the total capacity with units, and the number of days of storage in each:

Type of Containment/Storage	Total Capacity	Units (gallons or tons)	Days of Storage
Anaerobic Lagoon			
Storage Pond #1 Stage 1	1057013	ga	72
Storage Pond #2 Stage 2	7031439	ga	457
Storage Pond #3			
Storage Pond #4			
Storage Pond #5			
Above Ground Storage Tank #1			
Above Ground Storage Tank #2			
Above Ground Storage Tank #3			
Underfloor Pits			
Below Ground Storage Tank			
Roofed Storage Shed			
Concrete Pad			
Impervious Soil Pad	40	Tons	730
Other Specify:			
Other Specify:			

5.5 Sage Grouse Habitat

Visit the Montana Sage Grouse Habitat Conservation Program (Program) website at https://sagegrouse.mt.gov/ to determine if the proposed operation is located in designated sage grouse core, general, or connectivity habitat.

☐ Yes. Submit an application to the Program and **attach the required consultation letter**.
☒ No. No additional information is required.

5.6 New Source/Operation

Is this a new source and/or operation? New sources must obtain analyses from the Montana Natural Heritage Program (MTNHP) and Montana State Historic Preservation Office (SHPO) demonstrating possible impacts to wildlife and cultural resources, respectively.

☐ Yes. Attach project review analyses from MTNHP and SHPO.
☒ No. No additional information is required

Continue to Page 6

Sections 6 through 10 consist of the Nutrient Management Plan (NMP). These sections are intended to help CAFO operators develop a site-specific NMP required by the CAFO General Permit. Your NMP must be kept at the operation. Attach additional pages as necessary, indicating the corresponding section number on this NMP form.

Section 6 – NMP Minimum Elements

Facility Photos and Maps

Facilities must attach photos and maps depicting the following:

- The production area that shows the locations of all animal confinement structures described in the **Animal Type, Storage Location, and Generation Rates Table.**
- The flow direction of storm water and wastewater for all animal confinement structures described in the **Animal Type, Storage Location, and Generation Rates Table.**
- Manure and wastewater handling and storage areas
- Raw material handling and storage areas
- Storage and disposal areas of chemicals or other contaminants handled on site
- All land application areas (include topography and soil types)
- Environmentally sensitive areas (sinkholes, wells, drinking water sources, tile drain outlets, etc.) for the production area
- Illustrate the facility/activity boundaries, receiving water, and major drainage patterns
- Identify the specific location of the production area and the land application area(s)

☒ I have attached photos and maps (aerial and topographic) that meet the above requirements. See photos in FACTS

6.1 Ensure Adequate Storage Capacity

Complete the table below: Be sure to identify each type of animal confined at this facility. This could include animals of a given species, weight class, or housed for a specific purpose.

Livestock Statistics and Manure, Litter, and Process Wastewater Generation Rates

Animal Type	Waste Storage Location	Maximum Number of Animals at Any Time	Number of Days/Year on Site	Annual manure, litter, and process wastewater production	
				Dry (tons/yr)	Liquid (gallons/yr)
1. Swine	Stage 1 & 2 Ponds	2100	365	0	4,500,000
2. Chicken	dry Pad	60,000	365	19	0
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
11.					

Methods for estimating animal manure, litter, and process wastewater production

Describe the methods used for estimating animal manure, litter, and process wastewater production: Include all formulas, factors, references to tables, and other resources used to calculate manure, litter, and wastewater production. Be sure to account for soiled bedding materials.

Amounts taken from previous year AR2's & Similar Poultry Barns

Manure handling:

Identify manure, litter, and process wastewater handling at the CAFO. Mark all that apply:

- ☐ Stored in pens
- ☒ Stored on stacking pad
- ☐ Composting on site
- ☐ Other _____
- ☒ Direct pipe to liquid impoundment
- ☒ Stored under floor pit
- ☐ Separator

Frequency of manure removal from confinement areas:

- ☐ Bi-annually
- ☐ Annually
- ☒ As needed
- ☐ Other _____

Is the manure, litter, or process wastewater temporarily stored in any location other than the production area?

- ☒ No.
- ☐ Yes. Explain how and where _____

Is dry manure and/or litter stored on an impervious surface?

- ☐ No.
- ☒ Yes. Describe the type and characteristics of this surface Packed Earth stacking Pad

Waste control structures:

Provide the 24-hr-25-yr storm event at your facility location. Refer to the map provided in the instructions. 3.0 in/hr

Provide the annual precipitation during critical winter storage period (180 days from mid-October to mid-April) 1.2 in

Provide the area within clean water diversions. This is the area that is inside the BMPs used for clean water diversions and is used to calculate volume required to hold the 24-hr-25-yr storm event and the volume of your critical storage period. 10 acres

Check all the surface types within the clean water diversion area and provide the coverage in acres or ft^2. Be sure to circle the correct units.

- ☒ Dirt 2 ac (acres) or ft^2 (circle correct unit)
- ☐ Concrete _____ acres or ft^2 (circle correct unit)
- ☐ Paved _____ acres
- ☐ Under roof _____ acres or ft^2 (circle correct unit) – check if runoff is not part of clean water BMPs
- ☒ Gravel 6 ac (acres) or ft^2 (circle correct unit)
- ☐ Pasture _____ acres or ft^2 (circle correct unit)
- ☒ Other Grass 2 (acres) or ft^2 (circle one)

Use the Table below to identify and describe all production area waste control structures for the production area of each animal type identified in the table "Livestock Statistics and Manure, Litter, and Process Wastewater Generation Rates" above (Section 6.1). Waste control structures may include but are not limited to: manure lagoons, manure ponds, evaporation ponds, wastewater retention ponds, contaminated runoff retention ponds, settling basins, underground storage tanks, underfloor pits, manure solids stacking pads, vegetative treatment strips, composting facilities, and dry stack facilities. Berms, dikes, concrete curbs, ditches, and waste transfer pipelines are also waste control structures and must be listed, though some of the requested measurements may not apply.

Production Area Waste Control Structures Description				
Production area Waste Control Structure (For Corresponding Animal Type Identified in Table Above)	Volume (gal if liquid) (ft^3 if dry)	Number of days of storage	Winter storage depth (ft)	The 24hr-25 yr storm event depth (ft)
1. Stage 1	1057013	72	3	5
2. Stage 2	7031439	240	3	5
3. Stacking Pad	40 Tons	730	4	5
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				

6.2 Mortality Management

Check the box that describes how mortalities are disposed of at this CAFO.

- ☒ Burial
- ☒ Composted
- ☐ Incineration
- ☐ Landfill
- ☐ Contractor removal
- ☐ Other _____

Provide the location where mortalities are disposed of, if part of the production area:

Stacking Pad - Poultry only

6.3 Clean Water Diversion Practices

Check all that apply for how clean water is diverted from the production area.

- ☒ Ditches
- ☒ Earthen berms
- ☒ Culverts
- ☒ Site grading
- ☒ Gutters and spouts
- ☐ Other _____

6.4 Prohibiting Animals and Wastes from Direct Contact with State Waters

Check all that apply for how animals and wastes are prohibited from direct contact with sate waters.

- ☐ Fencing
- ☐ Wall
- ☒ Inside building
- ☐ Other _____

6.5 Chemicals and Contaminants

List all major chemicals or other contaminants handled on site as part of your CAFO operation, including, but not limited to: pesticides, herbicides, animal dips, disinfectants, etc. Specify the method of disposal and location stored for each contaminant. Ensure a corresponding map has been attached, as required in Section 6, Facility Photos and Maps.

None

6.6 Conservation Practices

Check all temporary, permanent, and structural BMPs which will be used to control runnoff of pollutants from the facility's **production area**. Be sure to include them on the map described above in Section 6. If BMPs are not installed, include a schedule for implementation of each of the following measures. Provide details and specifications to suplement the BMP descriptions. Attach additional sheets if necessary.

- ☒ Ditches
- ☒ Earthen berms
- ☒ Culverts and pipes
- ☒ Buffers
- ☒ Site grading
- ☒ Gutters and spouts
- ☐ Covered Pens
- ☐ Other _____

6.7 Sampling and Analysis Procedures for Manure, Litter, Process Wastewater, and Soil

Representative samples of manure, litter, and process wastewater must be analyzed a minimum of once per year for total nitrogen and total phosphorus. Results should be reported in lbs/ton for solids and lbs/1000 gal for liquids. Results will be used to determine rates for manure, litter, and process wastewater. Indicate your method for samping. Be sure to provide a description if you select "other."

- ☒ Sample collection will occur according to CAFO General Permit Section II.D.
- ☐ Other _____

Continue to Page 10

Section 7 – NMP Land Application

Identify whether manure will be land applied to land that is owned, rented, or leased by the owner or operator of the facility.

☐ No. Explain how animal waste will be managed by the operation, including protocol for transfers of manure, litter, and process wastewater. Skip to Section 10.

_____

_____

☒ Yes. Continue below.

7.1 Land Application Photos and Maps

Facilities that land apply must attach photos/maps clearly identify the following items. If an item is not applicable, check the box "None."

- Individual field boundaries for all planned land application areas
- A name, number, letter or other means of identifying each individual land application field
- The soil type(s) present and their locations within the individual land application field(s)
- The location of any downgradient surface waters
- The specific manure/waste handling or nutrient management restrictions associated with each land application field i.e. setbacks
- Buffers and setbacks around state surface waters, well heads, etc.
- Any downgradient open tile line intake structures
  ☒ None. Not included on map
- Any downgradient sinkholes
  ☒ None. Not included on map
- Any downgradient agricultural well heads
  ☒ None. Not included on map
- All conduits to surface waters
- All temporary, permanent, and structural BMPs used to control runoff of pollutants from the land application area

See Maps in FACTS

☒ I have attached photos and maps of the site where manure is to be applied.

7.2 Protocols to Land Apply Manure, Litter, or Process Wastewater

Check all temporary, permanent, and structural BMPs which will be used to control runoff of pollutants from the CAFO's **land application area.** If not already in use, include a schedule for implementation of each of these measures. You may supplement this description by attaching details and specifications.

☒ Buffers	☐ Conservation tillage
☐ Constructed wetlands	☐ Grass Filter
☐ Infiltration field	☒ Residue Management
☒ Setbacks	☐ Terrance
☒ Other NO-Till	

7.3 Soil Phosphorus Sampling and Analysis

Representative **soil** (composite) samples from the top 6 inches layer of soil for each field where manure will be applied must be analyzed for phosphorus content at least once every three years. Analyses will be conducted by a qualified laboratory, using the Olsen P test. Results will be reported in parts per million (ppm) and will be used in determining application rates for manure, litter, and process wastewater.

☒ Sample collection will occur according to Part II.D of the CAFO General Permit.

☐ Other (describe)_____

7.4 Soil Nitrogen Sampling and Analysis

Representative composite soil samples for total nitrogen and nitrate must be collected for each field where manure will be applied. Composite samples for total nitrogen must be collected from a soil depth of 0 to 6 inches and must be analyzed at least once every 3 years. Composite samples for nitrate must be collected from a soil depth of 6 to 24 inches and must be analyzed at least once every 3 years. All samples must be analyzed according to method code 4H2al-3 in NRCS Soil Survey Laboratory Methods Manual, Soil Survey Investigation Report No. 42. Results must be reported as mg/kg total nitrogen and pounds per acre will be used in determining application rates for manure, litter, and process wastewater.

☒ Sample collection will occur according to Part II.D of the CAFO General Permit.

☐ Other _____

Continue to Page 12

Section 8. NMP Application Rates

The applicant has 2 ways in which to report how manure or process wastewater application rates can be reported to DEQ. Select one:

☐ **Linear Approach**. Expresses rates of application as pounds of nitrogen and phosphorus. Complete Section 8.1, then continue to Section 9. See page 8 of the NOI-NMP Instructions for guidance on the Linear Approach.

☒ **Narrative Rate Approach**. Expresses a narrative rate of application that results in the amount, in tons or gallons, of manure, litter, and process wastewater to be land applied. Complete Section 8.2, then continue to section 9. See page 9 of the NOI-NMP Instructions for guidance on the Narrative Rate Approach.

8.1 Linear Approach

Expresses rates of application as pounds of nitrogen and phosphorus. CAFOs selecting the linear approach to address rates of application must include in the NMP submitted to the Department the following information for each crop, field, and year covered by the NMP:

1. The maximum application rate (pounds/acre/year of nitrogen and phosphorus) from manure, litter, and process wastewater.
2. The outcome of the field-specific assessment of the potential for phosphorus transport from each field. The Department does not have an N transport risk assessment, therefore the NMP must document any basis for assuming that nitrogen will be fully used by crops. The CAFO must specify any conservation practices used in calculating the risk rating.
3. The crops to be planted or any other uses of a field such as pasture or fallow fields.
4. The realistic annual yield goal for each crop or use identified for each field.
5. The nitrogen and phosphorus recommendations from Department acceptable sources for each crop or use identified for each field.
6. Credits for all residual nitrogen in each field that will be plant available.
7. Consideration of multi-year phosphorus application. For any field where nutrients are applied at a rate based on the crop phosphorus requirement, the NMP must account for single-year nutrient applications that supply more than the crop's annual phosphorus requirement.
8. All other additions of plant available nitrogen and phosphorus (i.e., from sources other than manure, litter, or process wastewater or credits for residual nitrogen).
9. The form and source of manure, litter, and process wastewater to be land-applied.
10. The timing and method of land application. The NMP also must include storage capacities needed to ensure adequate storage that accommodates the timing indicated.
11. The methodology that will be used to account for the amount of nitrogen and phosphorus in the manure, litter, and wastewater to be applied.
12. Any other factors necessary to determine the maximum application rate identified in accordance with this Linear Approach.

Example of Narrative Approach is in Spreadsheet Fields Receiving Manure are Budgeted prior to application.

Continue to Page 13

Fields Available for Land Application

Field ID	Total Acres
N-1	157.99
N-2	162.89
N-3	160.82
N-4	160.47
N-5	401.19
H-1	158.86
H-2	109.92
H-3	173.06
H-4	241.34
H-5	117.91
C-1	480.23
C-2	614.05
C-3	148.21
C-4	238.4
C-7	169.85
C-8	339.65
C-9	240.06
C-10	58.28
C-11	12.09
P-2	1051.26
T-1	302.74
N-7	135.3

Outcome of the Field-Specific Assessment of the Potential for N and P Transport from Each Field and Maximum Amount of Nitrogen and Phosphorus Derived from All Sources

Field ID	Year	Crop	Olsen P Soil Test Results (ppm)	Recommended Rate Basis	Max N Derived from all sources	Max P_2O_5 Derived from all sources
					(lbs/acre)	
N-1	24-28	WHEAT	6	Nitrogen Needs of Crop	182	45
N-2	24-28	WHEAT	6	Nitrogen Needs of Crop	182	45
N-3	24-28	WHEAT	6	Nitrogen Needs of Crop	182	45
N-4	24-28	WHEAT	14	Nitrogen Needs of Crop	182	30
N-5	24-28	WHEAT	18	Nitrogen Needs of Crop	182	43
H-1	24-28	WHEAT	16	Nitrogen Needs of Crop	182	35
H-2	24-28	WHEAT	8	Nitrogen Needs of Crop	182	45
H-3	24-28	WHEAT	8	Nitrogen Needs of Crop	182	45
H-4	24-28	WHEAT	7	Nitrogen Needs of Crop	182	48
H-5	24-28	WHEAT	17	Nitrogen Needs of Crop	182	43
C-1	24-28	WHEAT	31	Phosphorus Needs of Crop	182	43
C-2	24-28	WHEAT	9	Nitrogen Needs of Crop	182	42
C-3	24-28	WHEAT	30	Phosphorus Needs of Crop	182	43
C-4	24-28	WHEAT	32	Phosphorus Needs of Crop	182	43
C-7	24-28	WHEAT	32	Phosphorus Needs of Crop	182	43
C-8	24-28	WHEAT	43	Phosphorus Needs of Crop	182	43
C-9	24-28	WHEAT	29	Phosphorus Needs of Crop	182	43
C-10	24-28	WHEAT	18	Nitrogen Needs of Crop	182	43
C-11	24-28	WHEAT	38	Phosphorus Needs of Crop	182	43
P-2	24-28	WHEAT	15	Nitrogen Needs of Crop	182	38
T-1	24-28	WHEAT	21	Nitrogen Needs of Crop	182	43
N-7	24-28	WHEAT	18	Nitrogen Needs of Crop	182	43

Alternative Crops

Field	Potential Alternative Crop(s)	Yield Goal (unit/acres)	N rec. (lbs/acre)	P_2O_5 rec. (lbs/acre)
all	barley	50	80	20
all	peas	35	0	20
all	connola irigated	65	195	30
all	connola dry	25	75	30
all	mustard	20	60	30
all	chick peas	20	0	20
all	lentils	25	0	20

Methodology

Rates of application that are expressed using the narrative rate approach must include the *methodology* for calculating the amount of manure to be land applied.

In the text box below, provide the methodology that will be used to account for:
- Soil test results
- Credits for plant available nitrogen in the field
- Amount of nitrogen and phosphorus in the manure, litter, and process wastewater to be applied
- Consideration of multi-year phosphorus application
- Accounting for all other additions of plant available nitrogen and phosphorus to the field
- Form and source of manure, litter, and process wastewater
- Timing and method of land application
- Volatilization of nitrogen and mineralization of organic nitrogen

Attach additional sheets as necessary.

All applications of manure are either nitrogen- or phosphorus-based. Winter wheat is the default crop for all fields in this plan. Nitrogen is calculated based on 2.6 lbs N per bushel of target yield. A manure analysis for each source applied is completed annually. Soil tests are completed a minimum of once every 3 years for every field that receives manure. Phosphorus requirements are calculated above or below 16 ppm. Anything above 16 ppm (Table 21) was utilized; at or below 16 ppm (Table 18) was utilized.
Alternative crops will be fertilized and will receive manure based on values listed on the alternative crop tab by crop.
See the spreadsheet for fields for nitrogen- or phosphorous-based applications.
All phosphorus recommendations are based on Table 21 for alternative crops.
Starter fertilizer is the only source used for all fields receiving manure.
Manure is applied in the spring or fall before planting. Liquid is injected into the soil, and dry manure is spread using a manure spreader.
volatilization is control, and mineralization is enhanced by liquid injection and/or planting incorporation.

Field identification: H1 and H4 Year: 2024 Crop: Winter Wheat					
Expected Crop Yield: 70 bushels					
Phosphorus index results or Phosphorus application from soil test: 16ppm					
Method of Land Application: Injection Plow					
When will application occur: Fall application					
Nutrient Budget			Nitrogen-based Application	Phosphorus-based Application	Source of information
1		Crop Nutrient Needs, lbs/acre	182	50	EB-161
2	(-)	Credits from previous legume crops, or soil test lbs/ac	35	0.00	
3	(-)	Residuals from past manure production lbs/acre (if no new soil test)	0	0	
4	(-)	Nutrients from commercial fertilizer and biosolids, lbs/acre	0	0	
5	(-)	Nutrients supplied in irrigation water, lbs/acre	0	0	
6		**= Additional Nutrients Needed, lbs/acre**	147.00	49.50	
7		Total Nitrogen and Phosphorus in manure, lbs/ton or lbs/1000 gal (from manure test)	7	1	
8	(x)	Nutrient Availability factor, for Phosphorus based application use 1.0	0.90	1	
9		**= Available Nutrients in Manure, lbs/ton or lbs/1000 gal**	5.94	1.00	
10		Additional Nutrients needed, lbs/acre (calculated above)	147.00	49.50	
11	(/)	Available Nutrients in Manure, lbs/ton or lbs/1000 gal (calculated above)	5.94	1.00	
12		**= Manure Application Rate, tons/acre or 1000 gal/acre**	24.747	49.500	

Comments

Applied 3,813,000 gallons on 527.69 acres = 7,225.83 ga/ac

Actual yield was 80bu/ac.

Section 9 – NMP Phosphorus

Phosphorus Risk Assessment: The permittee shall assess the risk of phosphorus contamination of state waters. An assessment shall be conducted for each field, under the control of the operator, to which manure, litter or process wastewater will or may be applied. If a new field is added in the future, then the permittee must submit a revised (modified) NMP. The permittee has the option of using Method A or Method B (below) to complete the assessment, unless the receiving water is impaired for nutrients, then you must use method B below for phosphorus risk assessment. Copies of all tables and calculations used to complete the assessments, as well as the results of the assessments, shall be submitted to the Department and copies shall be maintained onsite at the facility and available for Departmental review. The results of the assessments shall be used to determine the appropriate basis for land application of wastes from the facility.

Indicate which method will be used to determine phosphorus application:

☒ **Method A** – Representative Soil Sample. Complete Section 9.1, then continue to Section 10.

☐ **Method B** – Phosphorus Index. Complete Section 9.2, then continue to Section 10.

9.1 Method A – Representative Soil Sample

Obtain one or more representative soil sample(s) from the field per ARM 17.30.1334
Have the sample analyzed for phosphorus by a qualified lab. The "Olsen P test" must be used for the analysis, and the result must be reported in parts per million (ppm). Using the results of the Olsen P test, determine application basis according to the Table below.

Olsen P Soil Test Results (ppm)	Application Basis
<25.0	Nitrogen Needs of Crop
25.1 - 100.0	Phosphorus Needs of Crop
100.0 – 150.0	Phosphorus Needs up to Crop Removal Rate
>150.0	No Application allowed

Olsen P Test Result: <25 ppm

End of Method A. Continue to Section 10

NOI-NMP Certification

The NOI Form certification must be completed by the applicant (owner/operator) responsible for the authorization as identified in Section C. Certification of this NOI is certification that the applicant will comply with the applicable terms of the CAFO General Permit.

Permittee Information: This form must be completed, signed, and certified as follows:

- For a corporation, by a principal officer of at least the level of vice president;
- For a partnership or sole proprietorship, by a general partner or the proprietor, respectively; or
- For a municipality, state, federal, or other public facility, by either a principal executive officer or ranking elected official.

All Permittees Must Complete the Following Certification:

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information; including the possibility of fine and imprisonment for knowing violations. [75-5-633, MCA].

Certification of this form indicates conformance with the CAFO General Permit.

Name (Type or Print)	
John M Wipf	
Title (Type or Print): Sec	Phone Number: 406-463-2201
Signature: John M Wipf	Date Signed: 1-23-24

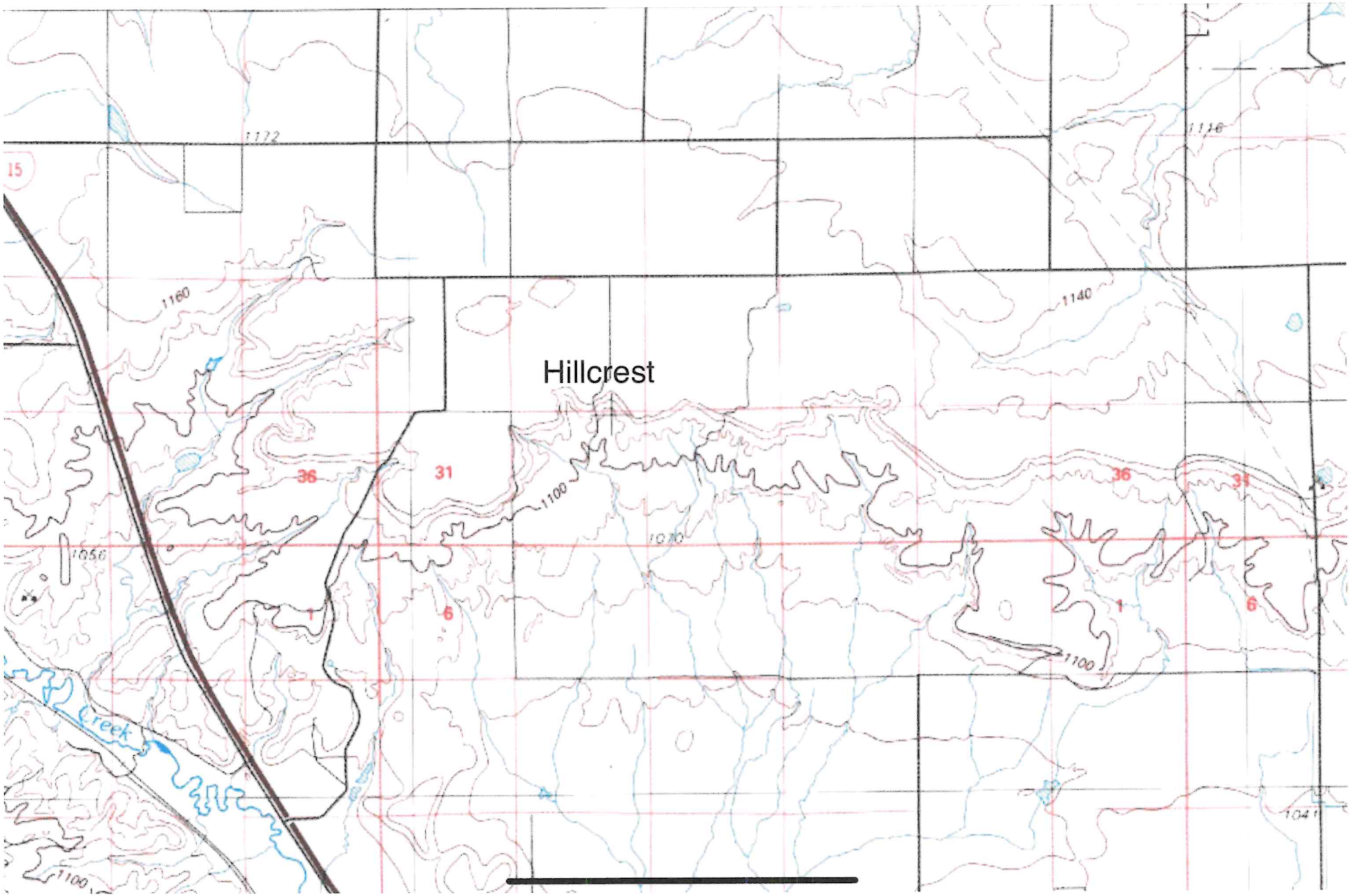
DEQ will not process this form until all the requested information is supplied, and the appropriate fees are paid.

Return this NOI-NMP-CAFO Form and the applicable fee payment to:

Department of Environmental Quality
Water Protection Bureau
PO Box 200901
Helena, MT 59620-0901
(406) 444-5546

RECEIVED
FEB 25 2025
DEQ WATER QUALITY DIVISION

topo map Hillcrest Colony




Domestic
Stage 2
Stage 1
Hillcrest Colony Inc
Hillcrest Colony
Hog Barn
Chicken Bar

DEQ
Montana Department
of Environmental Quality

April 16, 2024

John Wipf, Secretary-Treasurer
Hillcrest Colony
1124 Wilson Rd
Power, MT 59594

RE: Notice of Deficiency for Notice of Intent, MTG010270, Concentrated Animal Feeding Operations General Permit

Dear John Wipf:

On February 22, 2024, the Montana Department of Environmental Quality (DEQ) received a Notice of Intent (NOI) for authorization under Concentrated Animal Feeding Operations General Permit. However, the application is incomplete, and additional information (and fees) are required. Please address the application deficiencies as listed below:

- **Fee**: Note that the application cannot be deemed complete until DEQ receives all appliable fees ($600 renewal fee). The fee can be paid by sending a check, with the CAFO authorization number on the bottom, to:
  Montana Department of Environmental Quality
  Water Protection Bureau
  P.O. Box 200901
  Helena, MT 59620-0901
  Alternatively, the payment may be submitted online at https://svc.mt.gov/deq/factspermitting.

PAID 4/22/24

- **Section 4:** An outfall is the point of discharge, after all treatment and before release into surface water. For CAFOs, this includes stormwater or snow melt that comes into contact with manure/litter or any part of the production area. The outfall location is at the point it leaves the production area and discharges into a ditch or other surface waterbody, either wet or dry. It is typically the lowest point of each waste containment structure, such as a lagoon, where overflow is likely to occur during such a rain event.
  The provided latitude/longitude for Outfall 001 places the outfall roughly 7 miles from the facility. Amend the outfall latitude/longitude to reflect the above. Amend, also, the receiving water to "Unnamed tributary of Sun River."

Outfalls are Correct

- **Section 8.1,** Nutrient Budget Worksheet: CAFOs selecting the **linear approach** must submit a nutrient budget worksheet for each field, crop, and year covered by the NMP.
  - For each Nutrient Budget Worksheet, identify the field and year of expected land application. Also provide the timing of land application (e.g., "spring," "fall," or "within 2 weeks of planting.")
  - Identify all fields available for land application. Labeled field maps should be included. The labels should be easily matched to all fields listed in the NMP.
  - If applicable, include consideration for a multi-year phosphorus application. Identify the field, crop, and year that the multi-year phosphorus application will occur.

see AR2 & Narrative for Budget

- Provide the methodology that will be used to account for the amount of nitrogen and phosphorus in the manure, litter, and wastewater to be applied. This can be accomplished either by completing items 7 through 12 of each Nutrient Budget Worksheet, or by providing an explanation of any calculations that will be done to determine the manure application rate.

See Spreadsheet for Narrative approach

Please note that facilities have the option to instead choose the **narrative rate approach (~~Section 8.2~~)**. This approach may be easier for most facilities. The narrative approach provides flexibility in that the NMP can include alternative crops that can be planted instead of the crops in the planned rotation. DEQ provides a narrative rate approach template that can be filled out and submitted. To request an Excel spreadsheet copy of this template, please contact me at the email address provided below.

See spreadsheet

- **~~Section 9.1~~**: Submit the most recent Olsen P test results for all fields to which you plan to land apply during the permit term. This information may be submitted as part of the linear or narrative rate approach, above.

Done

- **Maps**: Submit maps that depict all the requested information in Sections 6 and 7.1.

Please submit the requested information to DEQ on or before **May 16, 2024**, so the application review process may continue. Thank you for your patience and cooperation during the authorization process. If you have any questions, please contact me at hannah.new@mt.gov or 406-444-3441.

Sincerely,

Hannah New
Montana Department of Environmental Quality
Water Protection Bureau

Hillcrest Colony - Soils

DEQ Copy

USDA Natural Resources Conservation Service

Web Soil Survey

Contact Us | Subscribe | Archived Soil Surveys | Soil Survey Status | Glossary | Preferences | Link | Logout | Help

Area of Interest (AOI) | Soil Map | Soil Data Explorer | Download Soils Data | Shopping Cart (Free)

View Soil Information By Use: All Uses

Printable Version | Add to Shopping Cart

Intro to Soils | Suitabilities and Limitations for Use | Soil Properties and Qualities | Ecological Sites | Soil Reports

Search

Soil Reports

Open All | Close All

AOI Inventory

- Component Description (Nontechnical)
- Component Legend

View Description | View Soil Report

Options

Include minor soils? ☐

View Description | View Soil Report

- Component Text Descripciones
- Descripción de la Unidad de Mapa
- Descripción de la Unidad de Mapa (Breve, Generada)
- Legend
- Map Unit Description
- Map Unit Description (Brief)
- Map Unit Description (Brief, Generated)
- Sagebrush Ecosystems Resilience and Resistance Soils Report
- Selected Soil Interpretation Description and Criteria Summary
- Selected Soil Interpretations
- Survey Area Data Summary
- Survey Area Map Unit Symbols and Names
- Water Quality Index (WQIag) Soil Factors

Building Site Development

- Dwellings and Small Commercial Buildings

Construction Materials

- Source of Reclamation Material, Roadfill, and Topsoil
- Source of Sand and Gravel

Disaster Recovery Planning

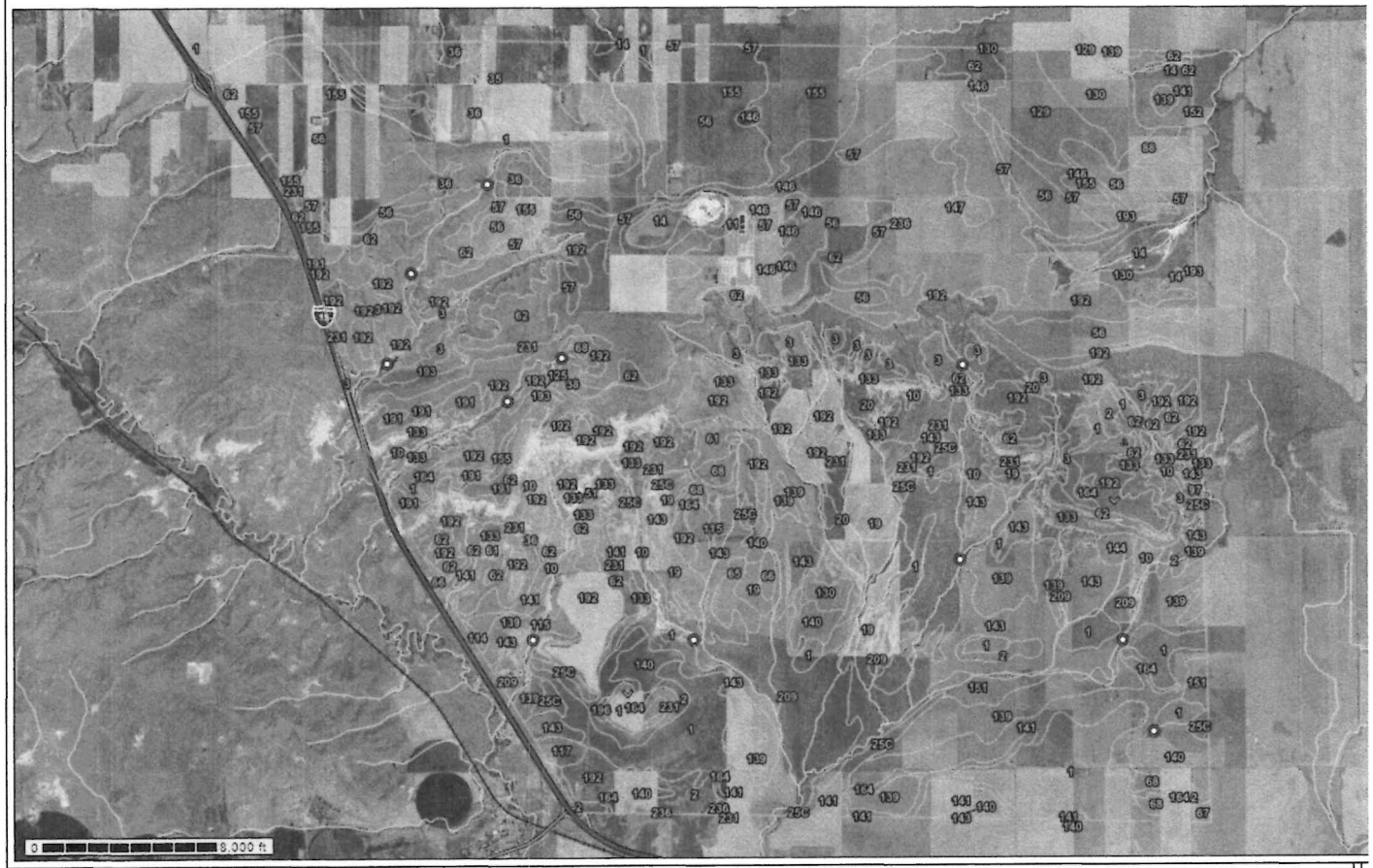
- Large Animal Disposal, Pit

Land Classifications

- Conservation Tree and Shrub Suitability Groups
- Forage Suitability Groups

Soil Map

Scale 1:50,000 ± 1 %



Report — Component Legend

Cascade County Area, Montana

Map unit symbol and name	Map unit acres	Pct. of map unit	Component name	Component kind	Pct. slope Low	RV	High
1—Abor silty clay, 0 to 4 percent slopes	11,778						

Cascade County Area, Montana

	65	Castner	Series	2.0	9.0	15.0
	15	Sinnigam	Series	2.0	9.0	15.0
51—Dast-Rentsac complex, 2 to 20 percent slopes	2,791					
	60	Dast	Series	2.0	11.0	20.0
	25	Rentsac	Series	2.0	11.0	20.0
56—Dutton silty clay loam, 0 to 2 percent slopes	7,993					
	90	Dutton	Series	0.0	1.0	2.0
57—Dutton silty clay loam, 2 to 8 percent slopes	2,756					
	90	Dutton	Series	2.0	5.0	8.0
61—Ernem loam, 0 to 4 percent slopes	3,575					
	90	Ernem	Series	0.0	2.0	4.0
62—Ernem very stony loam, 0 to 15 percent slopes	4,627					
	90	Ernem	Series	0.0	8.0	15.0
65—Ethridge silty clay loam, 0 to 2 percent slopes	2,354					
	90	Ethridge	Series	0.0	1.0	2.0
66—Ethridge silty clay loam, 2 to 4 percent slopes	1,314					
	90	Ethridge	Series	2.0	3.0	4.0
67—Ethridge-Kobar silty clay loams, 0 to 2 percent slopes	1,661					
	65	Ethridge	Series	0.0	1.0	2.0
	25	Kobar	Series	0.0	1.0	2.0
68—Ethridge-Kobar silty clay loams, 2 to 8 percent slopes	8,317					
	60	Ethridge	Series	2.0	5.0	8.0
	30	Kobar	Series	2.0	5.0	8.0
88—Gerber-Lawther silty clays, 4 to 8 percent slopes	10,879					
	55	Gerber	Series	4.0	6.0	8.0
	35	Lawther	Series	4.0	6.0	8.0
97—Havre loam, channeled	570					
	90	Havre	Series	0.0	2.0	4.0

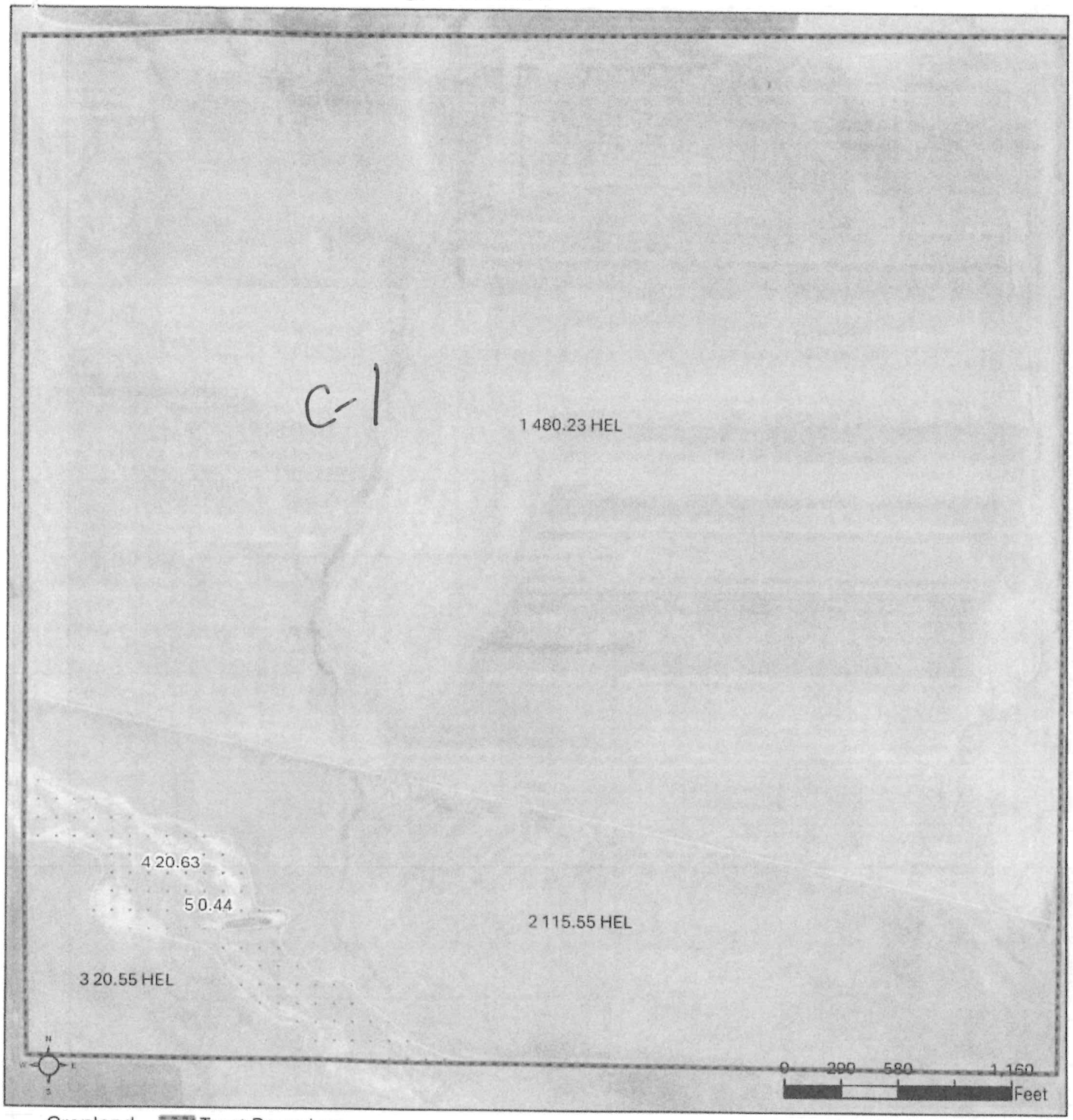
Cascade County Area, Montana

114—Kobar silty clay loam, 0 to 2 percent slopes	5,208					
		90	Kobar	Series	0.0	1.0	2.0
115—Kobar silty clay loam, 2 to 4 percent slopes	3,673					
		90	Kobar	Series	2.0	3.0	4.0
117—Kobar-Marias complex, 0 to 4 percent slopes	3,773					
		55	Kobar	Series	0.0	2.0	4.0
		35	Marias	Series	0.0	2.0	4.0
125—Lennep-Nobe complex, 2 to 10 percent slopes	3,030					
		65	Lennep	Series	2.0	6.0	10.0
		25	Nobe	Series	2.0	6.0	10.0
129—Linnet-Acel silty clay loams, 0 to 2 percent slopes	7,357					
		65	Linnet	Series	0.0	1.0	2.0
		25	Acel	Series	0.0	1.0	2.0
130—Linnet-Acel silty clay loams, 2 to 8 percent slopes	6,178					
		65	Linnet	Series	2.0	5.0	8.0
		25	Acel	Series	2.0	5.0	8.0
133—Lisam-Rock outcrop complex, 4 to 50 percent slopes	12,893					
		50	Lisam	Series	4.0	27.0	50.0
		40	Rock outcrop	Miscellaneous area			
139—Marias silty clay, 0 to 2 percent slopes	12,313					
		90	Marias	Series	0.0	1.0	2.0
140—Marias silty clay, 2 to 4 percent slopes	7,525					
		90	Marias	Series	2.0	3.0	4.0
141—Marias silty clay, 4 to 8 percent slopes	3,446					
		90	Marias	Series	4.0	6.0	8.0
143—Marvan clay, 0 to 2 percent slopes	11,770					
		90	Marvan	Series	0.0	1.0	2.0

Hillcrest Colony Field Map

USDA United States Department of Agriculture

Cascade County, Montana



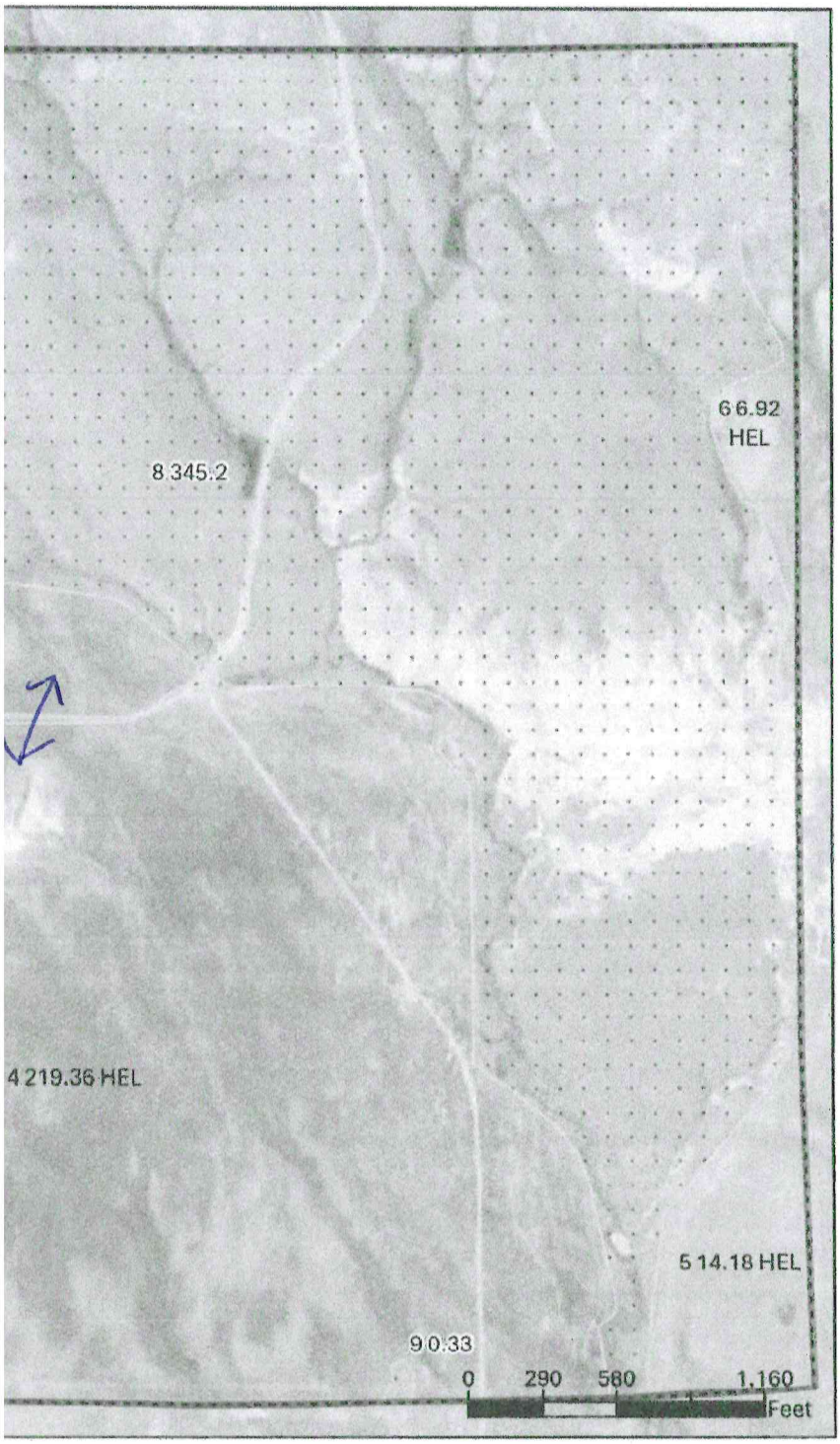
Cropland
Rangeland
Tract Boundary

Wetland Determination Identifiers
- Restricted Use
- Limited Restrictions
- Exempt from Conservation Compliance Provisions

Tract Cropland Total: 616.33 acres

2025 Program Year
Map Created September 11, 2024
2021 NAIP
Farm **10401**
Tract **6266**
8-21N-2E

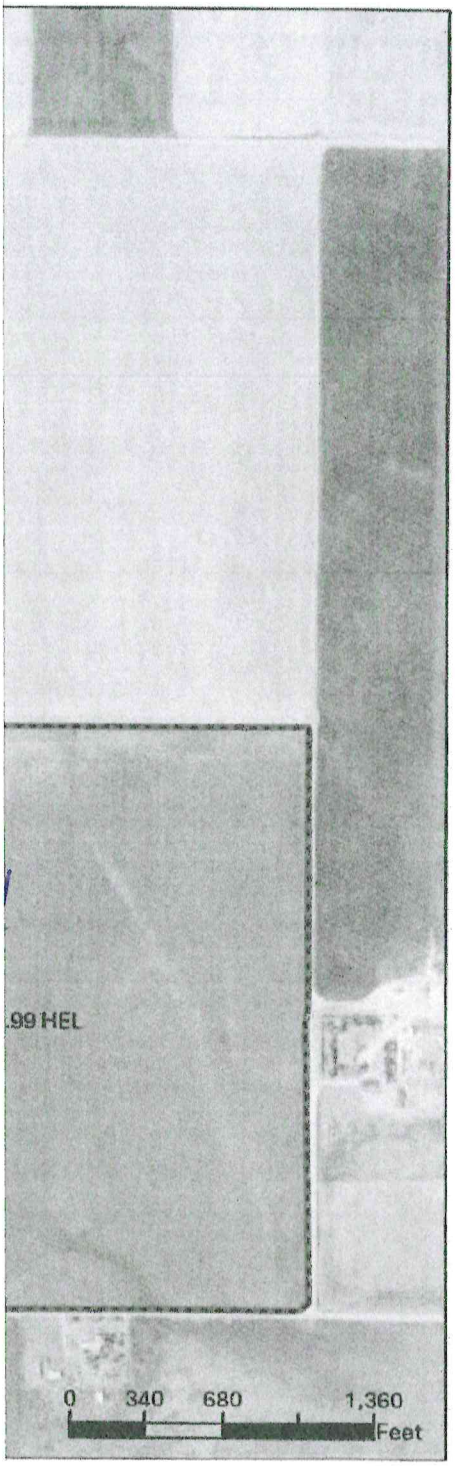
Montana



2025 Program Year
Map Created September 11, 2024
2021 NAIP
Farm **10401**
Tract **11889**
32-22N-2E

Cropland Total: 285.51 acres

SA) maps are for FSA Program administration only. This map does not represent a legal survey or reflect actual roducer and/or National Agricultural Imagery Program (NAIP) imagery. The producer accepts the data 'as is' and nsibility for actual or consequential damage incurred as a result of any user's reliance on this data outside FSA ific determination of the area. Refer to your original determination (CPA-026 and attached maps) for exact nservation Service (NRCS).

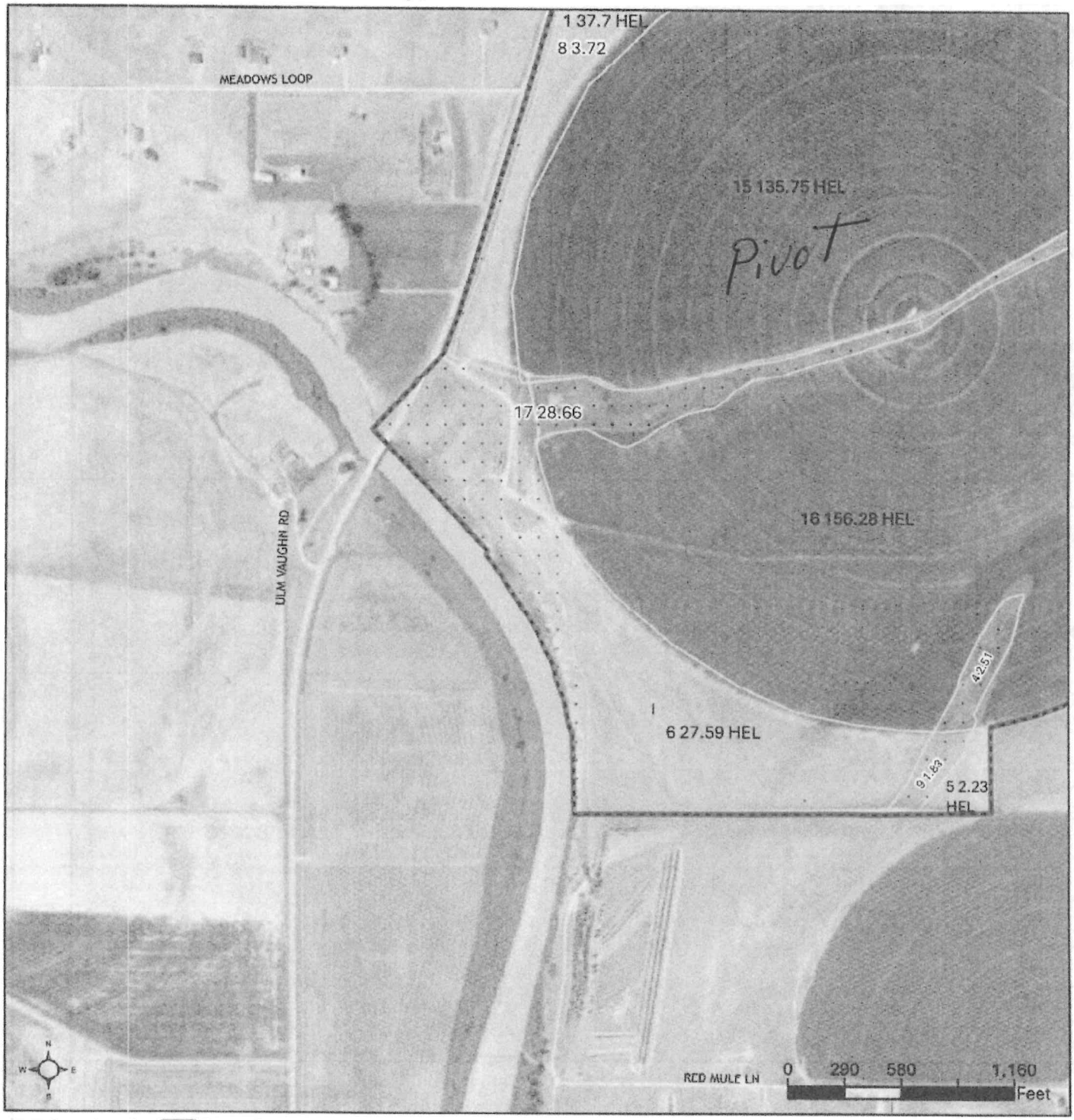


2025 Program Year
Map Created September 11, 2024
2021 NAIP
Farm **10401**
Tract **6781**
19-22N-2E

his map does not represent a legal survey or reflect actual n (NAIP) imagery. The producer accepts the data 'as is' and d as a result of any user's reliance on this data outside FSA determination (CPA-026 and attached maps) for exact

USDA United States Department of Agriculture

Cascade County, Montana



Cropland
Rangeland
Tract Boundary

Wetland Determination Identifiers
- Restricted Use
- Limited Restrictions
- Exempt from Conservation Compliance Provisions

2025 Program Year
Map Created September 11, 2024
2021 NAIP

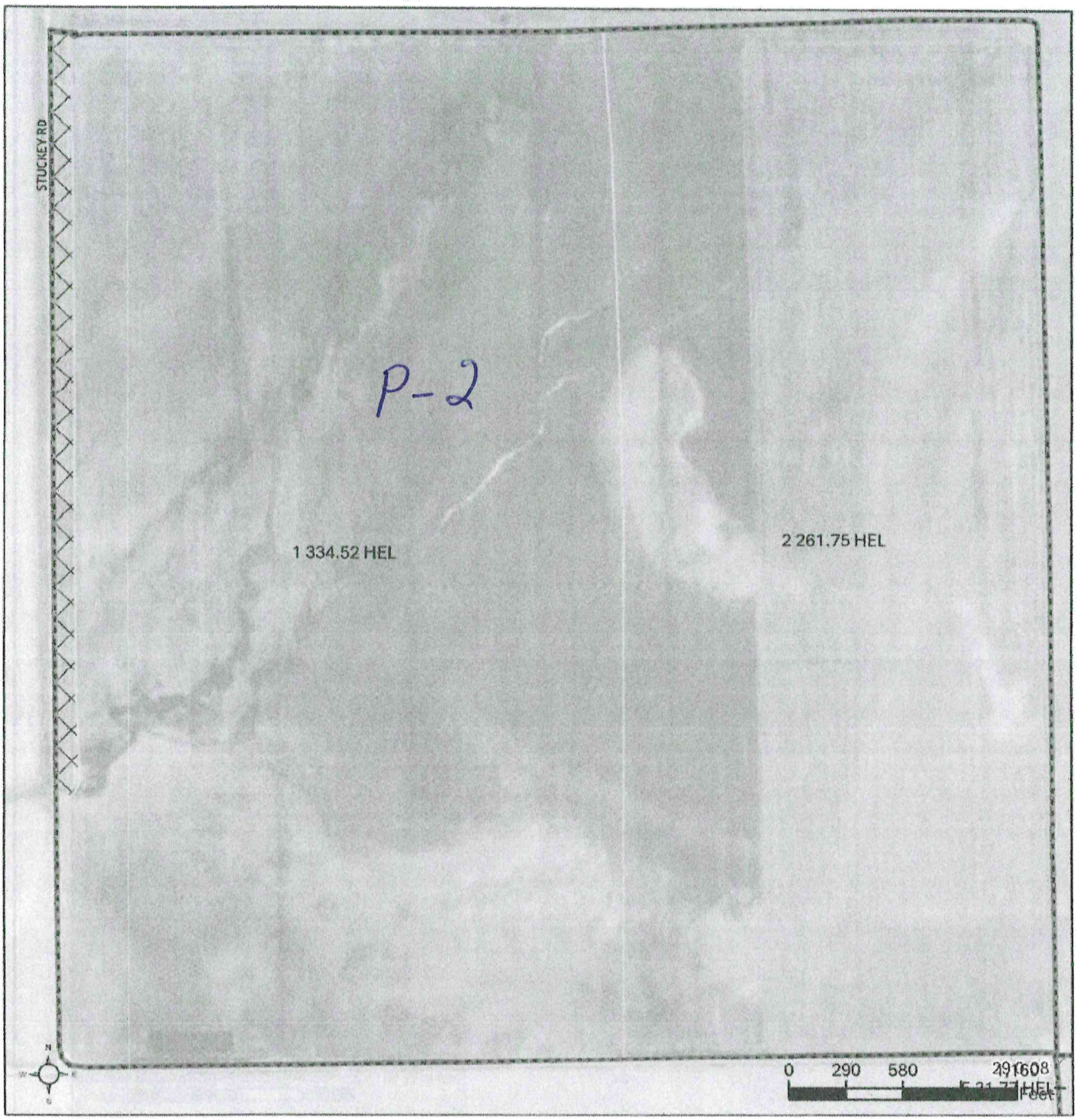
Farm **10401**
Tract **13659**
30-21N-2E

Tract Cropland Total: 367.73 acres

United States Department of Agriculture (USDA) Farm Service Agency (FSA) maps are for FSA Program administration only. This map does not represent a legal survey or reflect actual ownership; rather it depicts the information provided directly from the producer and/or National Agricultural Imagery Program (NAIP) imagery. The producer accepts the data 'as is' and assumes all risks associated with its use. USDA-FSA assumes no responsibility for actual or consequential damage incurred as a result of any user's reliance on this data outside FSA Programs. Wetland identifiers do not represent the size, shape, or specific determination of the area. Refer to your original determination (CPA 026 and attached maps) for exact boundaries and determinations or contact USDA Natural Resources Conservation Service (NRCS).

USDA United States Department of Agriculture

Cascade County, Montana



Cropland Tract Boundary

Other Ag

Wetland Determination Identifiers

- Restricted Use
- Limited Restrictions
- Exempt from Conservation Compliance Provisions

Tract Cropland Total: 1051.26 acres

2025 Program Year

Map Created September 11, 2024

2021 NAIP

Farm **10401**

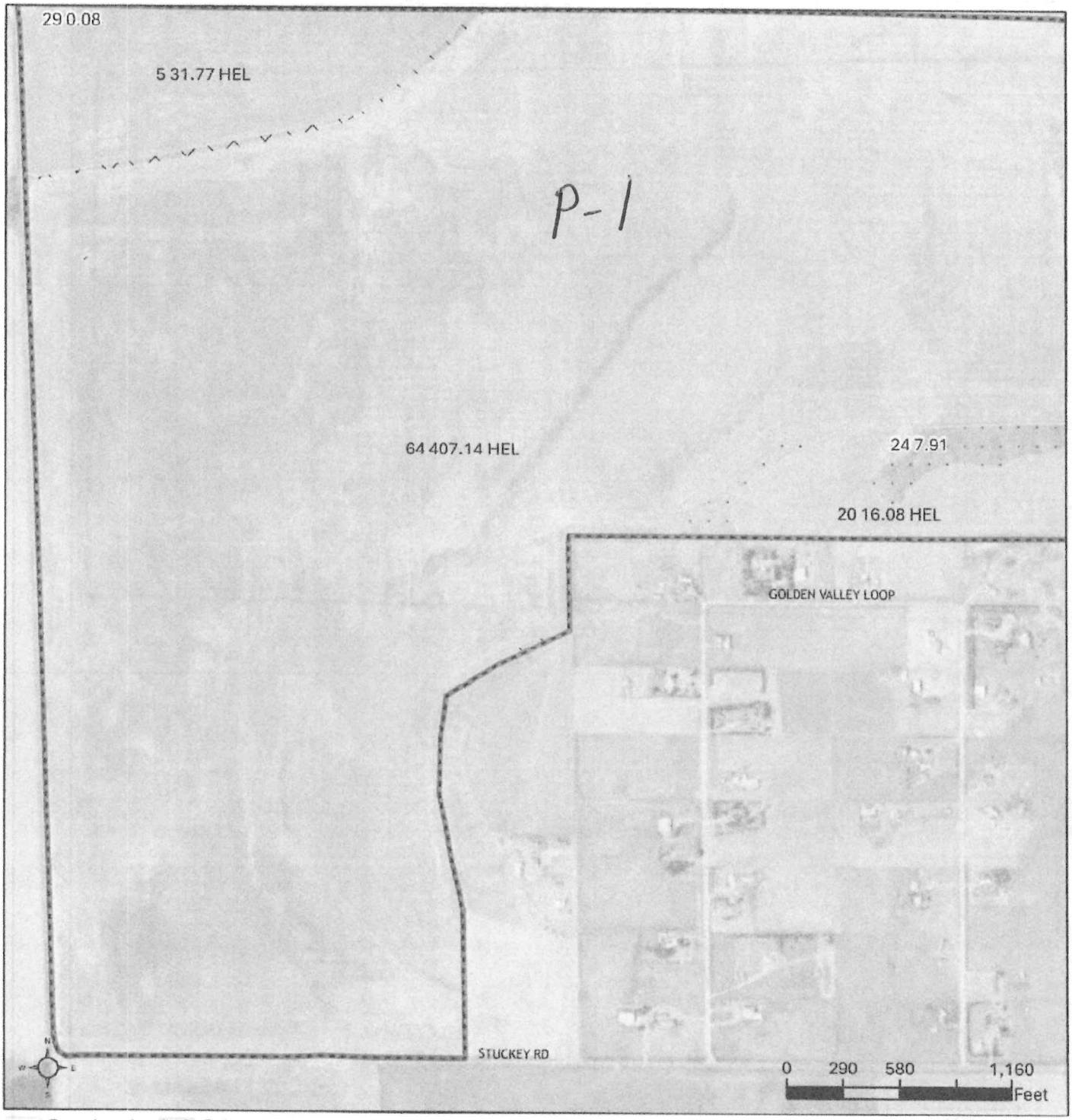
Tract **14026**

17-21N-3E

United States Department of Agriculture (USDA) Farm Service Agency (FSA) maps are for FSA Program administration only. This map does not represent a legal survey or reflect actual ownership; rather it depicts the information provided directly from the producer and/or National Agricultural Imagery Program (NAIP) imagery. The producer accepts the data 'as is' and assumes all risks associated with its use. USDA-FSA assumes no responsibility for actual or consequential damage incurred as a result of any user's reliance on this data outside FSA Programs. Wetland identifiers do not represent the size, shape, or specific determination of the area. Refer to your original determination (CPA-026 and attached maps) for exact boundaries and determinations or contact USDA Natural Resources Conservation Service (NRCS).

USDA United States Department of Agriculture

Cascade County, Montana



Cropland | Other Ag
Rangeland | Tract Boundary

Wetland Determination Identifiers
- Restricted Use
- Limited Restrictions
- Exempt from Conservation Compliance Provisions

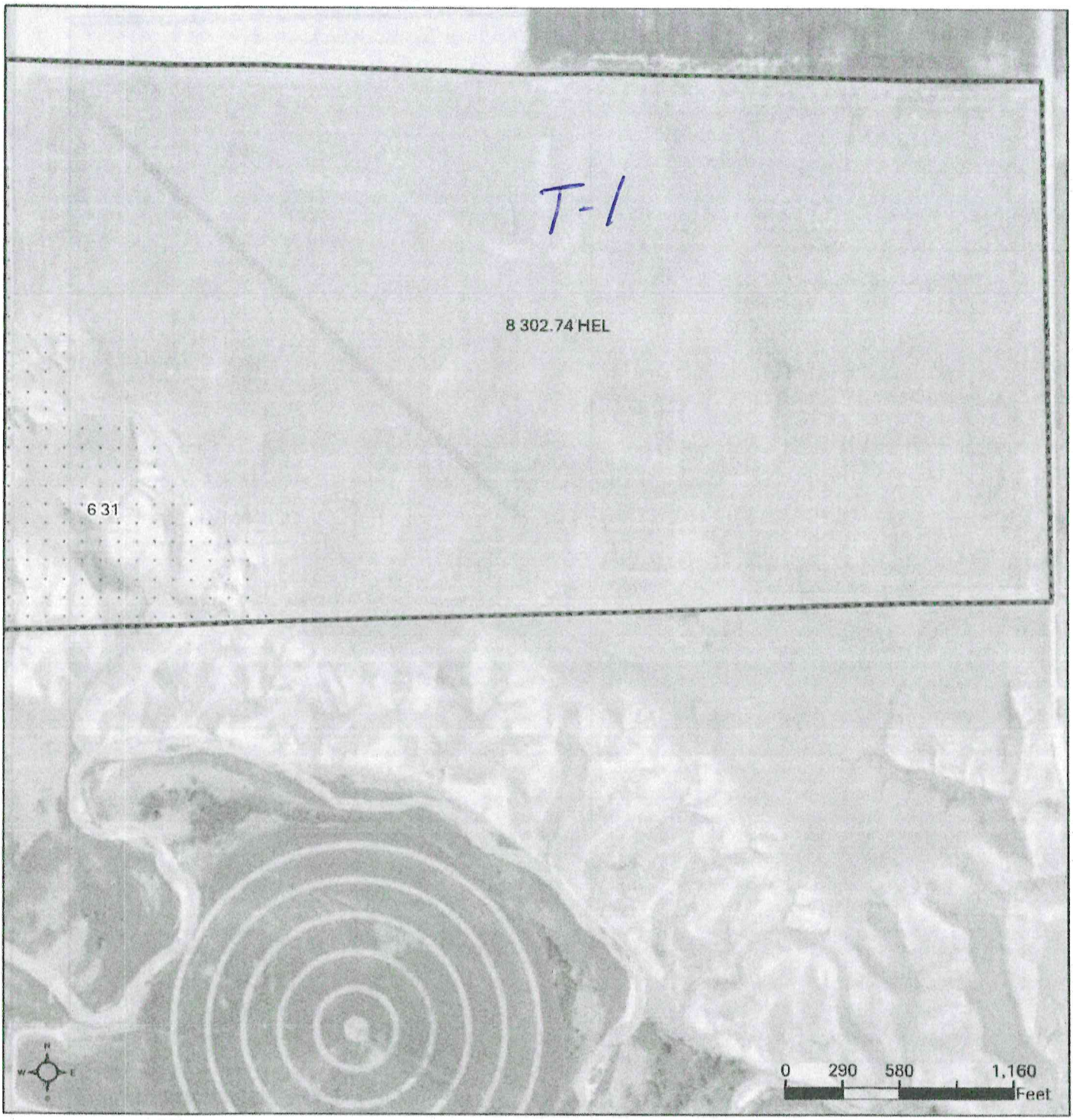
2025 Program Year
Map Created September 11, 2024
2021 NAIP

Farm **10401**
Tract **14026**
21-21N-3E

Tract Cropland Total: 1051.26 acres

USDA United States Department of Agriculture

Cascade County, Montana



Cropland
Rangeland
Tract Boundary

Wetland Determination Identifiers
- Restricted Use
- Limited Restrictions
- Exempt from Conservation Compliance Provisions

Tract Cropland Total: 302.74 acres

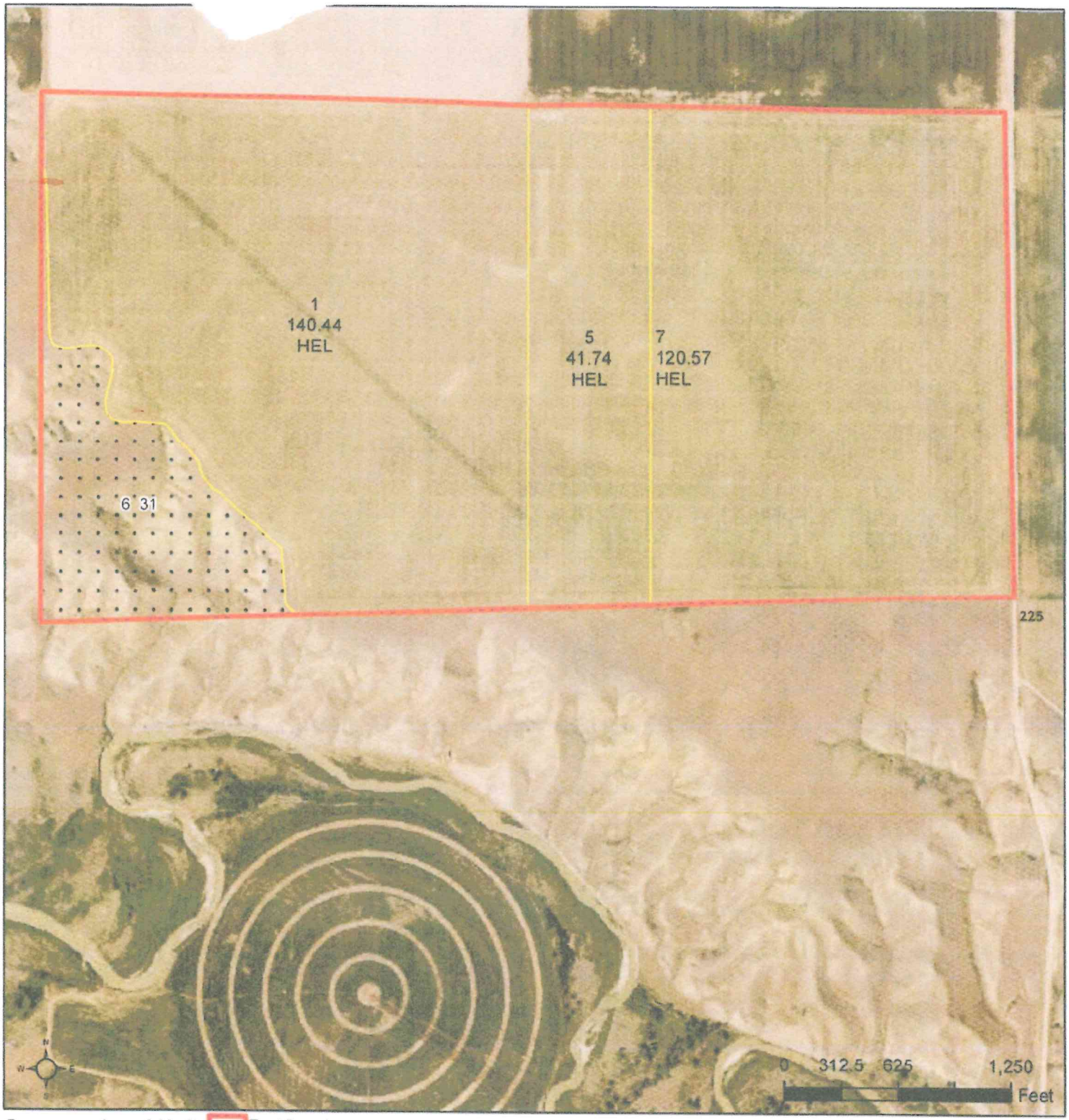
2025 Program Year
Map Created September 11, 2024
2021 NAIP
Farm **10401**
Tract **14067**
15-25N-3E

United States Department of Agriculture (USDA) Farm Service Agency (FSA) maps are for FSA Program administration only. This map does not represent a legal survey or reflect actual ownership; rather it depicts the information provided directly from the producer and/or National Agricultural Imagery Program (NAIP) imagery. The producer accepts the data 'as is' and assumes all risks associated with its use. USDA-FSA assumes no responsibility for actual or consequential damage incurred as a result of any user's reliance on this data outside FSA Programs. Wetland identifiers do not represent the size, shape, or specific determination of the area. Refer to your original determination (CPA-026 and attached maps) for exact boundaries and determinations or contact USDA Natural Resources Conservation Service (NRCS).

USDA U.. Depar.. Agriculture

..y, Montana

OP: Hillcrest Colony



Common Land Unit Tract Boundary

Cropland

Rangeland

Wetland Determination Identifiers

Restricted Use

Limited Restrictions

Exempt from Conservation Compliance Provisions

Tract Cropland Total: 302.75 acres

2024 Program Year

Map Created September 28 2023

2021 NAIP

Farm **10401**

Tract **14067**

15-25N-3E

United States Department of Agriculture (USDA) Farm Service Agency (FSA) maps are for FSA Program administration only. This map does not represent a legal survey or reflect actual ownership, rather it depicts the information provided directly from the producer and/or National Agricultural Imagery Program (NAIP) imagery. The producer accepts the data 'as is' and assumes all risks associated with its use. USDA-FSA assumes no responsibility for actual or consequential damage incurred as a result of any user's reliance on this data outside FSA Programs. Wetland identifiers do not represent the size, shape, or specific determination of the area. Refer to your original determination (CPA-026 and attached maps) for exact boundaries and determinations or contact USDA Natural Resources Conservation Service (NRCS).

U.S. Department of Agriculture

..., Montana

OP: Hillcrest Colony

Common Land Unit Tract Boundary

Cropland

Other Use

Wetland Determination Identifiers

- Restricted Use
- Limited Restrictions
- Exempt from Conservation Compliance Provisions

Tract Cropland Total: 1051.26 acres

2024 Program Year

Map Created September 28, 2023

2021 NAIP

Farm **10401**

Tract **14026**

17-21N-3E

United States Department of Agriculture (USDA) Farm Service Agency (FSA) maps are for FSA Program administration only. This map does not represent a legal survey or reflect actual ownership, rather it depicts the information provided directly from the producer and/or National Agricultural Imagery Program (NAIP) imagery. The producer accepts the data 'as is' and assumes all risks associated with its use. USDA-FSA assumes no responsibility for actual or consequential damage incurred as a result of any user's reliance on this data outside FSA Programs. Wetland identifiers do not represent the size, shape, or specific determination of the area. Refer to your original determination (CPA-026 and attached maps) for exact boundaries and determinations or contact USDA Natural Resources Conservation Service (NRCS).

USDA United States Department of Agriculture

Cascade County, Montana

Common Land Unit
- Cropland
- Rangeland
- Other Use
- Tract Boundary

Wetland Determination Identifiers
- Restricted Use
- Limited Restrictions
- Exempt from Conservation Compliance Provisions

Tract Cropland Total: 1051.26 acres

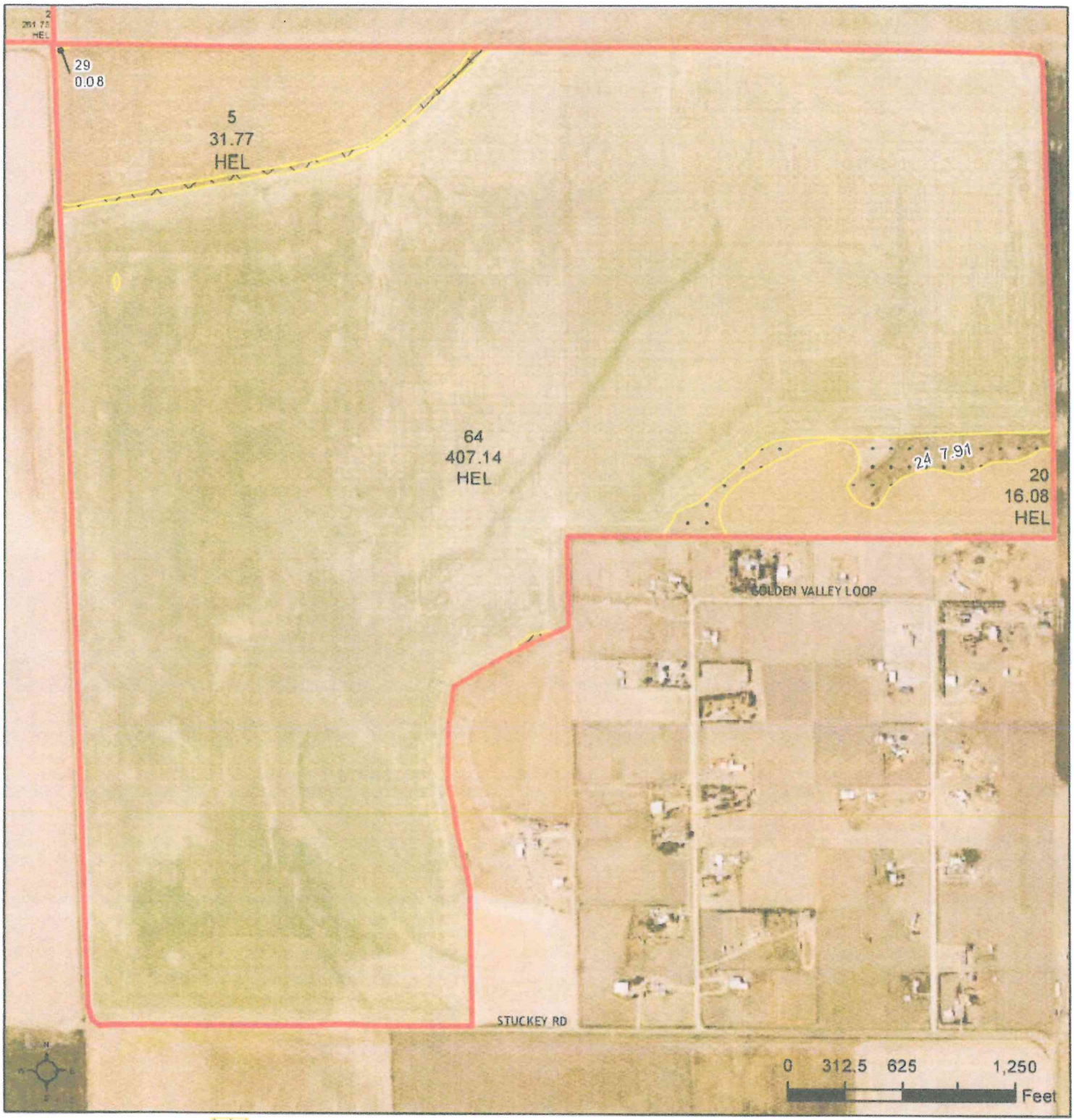
2024 Program Year
Map Created September 28, 2023
2021 NAIP

Farm **10401**
Tract **14026**
21-21N-3E

USDA United States Department of Agriculture

Cascade County, Montana

OP: Hillcrest Colony



Common Land Unit
- Cropland
- Rangeland
- Other Use
- Tract Boundary

Wetland Determination Identifiers
- Restricted Use
- Limited Restrictions
- Exempt from Conservation Compliance Provisions

2024 Program Year
Map Created September 28, 2023
2021 NAIP

Farm **10401**
Tract **14026**
21-21N-3E

Tract Cropland Total: 1051.26 acres

USDA United States Department of Agriculture

Cascade County, Montana

OP: Hillcrest Colony

Common Land Unit Tract Boundary

Cropland

Rangeland

Wetland Determination Identifiers

- Restricted Use
- Limited Restrictions
- Exempt from Conservation Compliance Provisions

Tract Cropland Total: 367.73 acres

2024 Program Year

Map Created September 28, 2023

2021 NAIP

Farm **10401**

Tract **13659**

29-21N-2E

USDA United States Department of Agriculture

Cascade County, Montana

OP: Hillcrest Colony

Common Land Unit Tract Boundary

Cropland

Rangeland

Wetland Determination Identifiers

- Restricted Use
- Limited Restrictions
- Exempt from Conservation Compliance Provisions

Tract Cropland Total: 367.73 acres

2024 Program Year

Map Created September 28, 2023

2021 NAIP

Farm **10401**

Tract **13659**

30-21N-2E

Fields 115.00 ac

Fields

N

0 500 1000

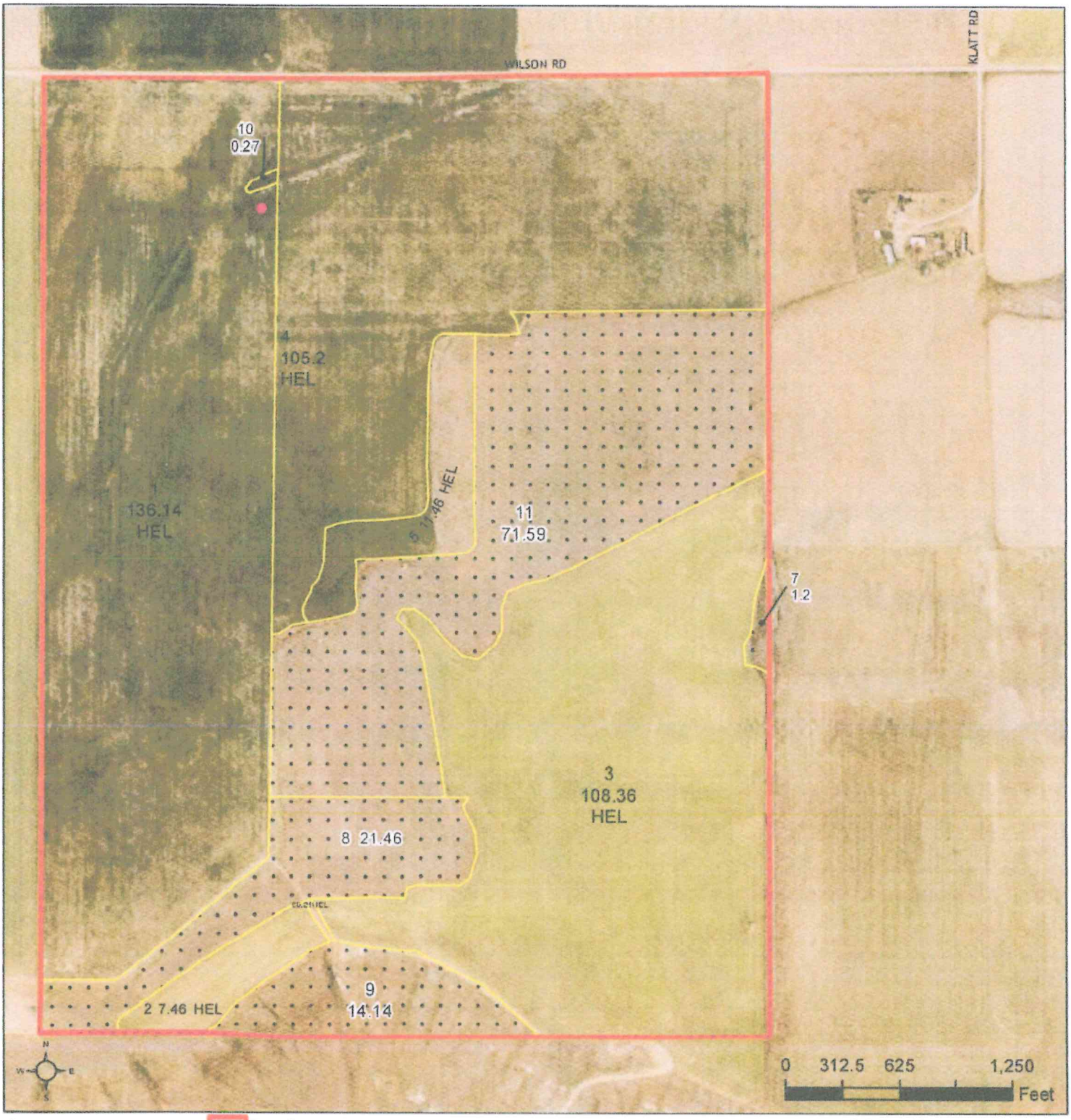
feet

Trimble

USDA United States Department of Agriculture

Cascade County, Montana

OP: Hillcrest Colony



Common Land Unit Tract Boundary

Cropland

Rangeland

Wetland Determination Identifiers

- Restricted Use
- Limited Restrictions
- Exempt from Conservation Compliance Provisions

Tract Cropland Total: 368.83 acres

2024 Program Year

Map Created September 28, 2023

2021 NAIP

Farm **10401**

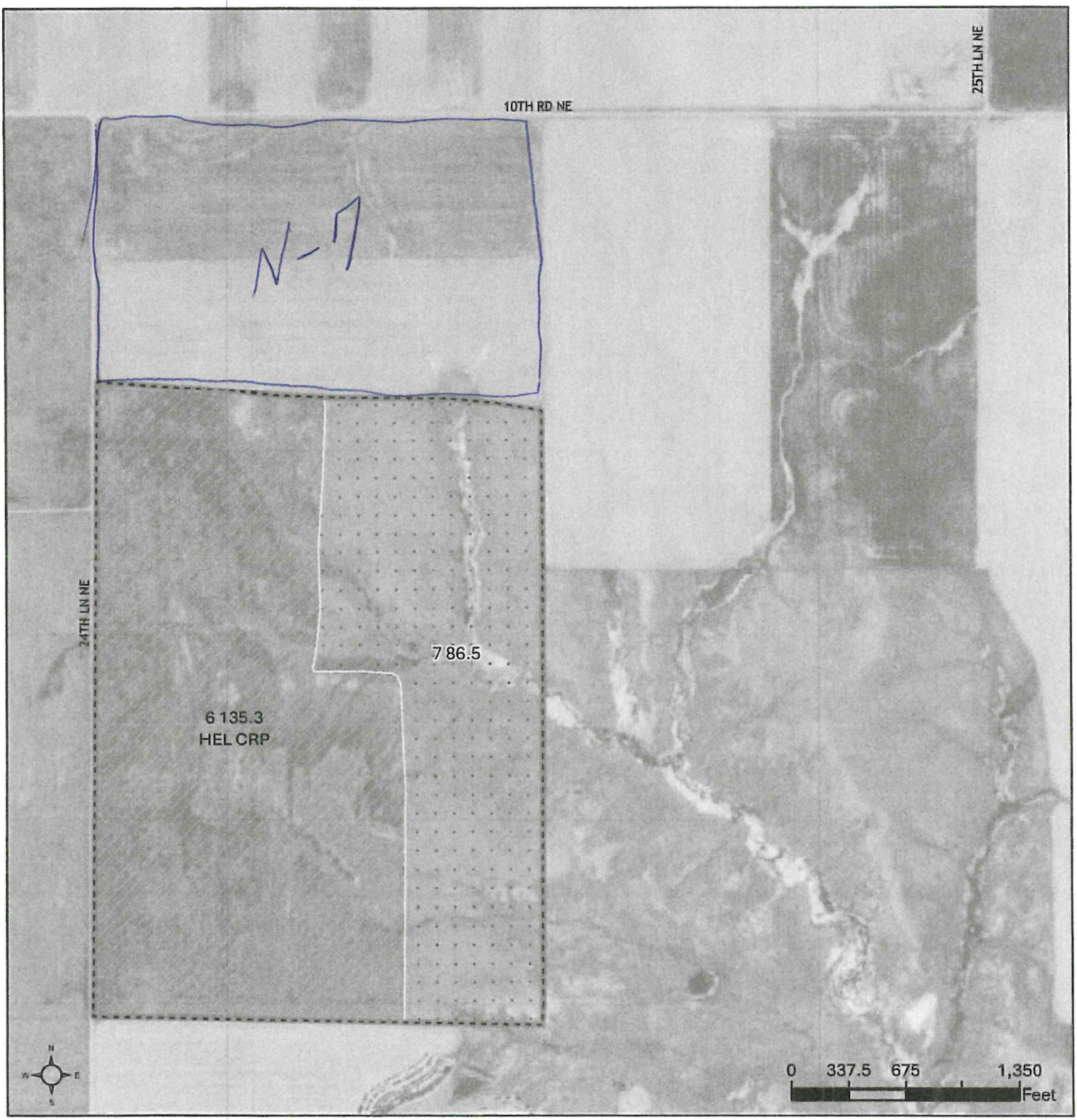
Tract **12234**

28-22N-2E

United States Department of Agriculture (USDA) Farm Service Agency (FSA) maps are for FSA Program administration only. This map does not represent a legal survey or reflect actual ownership, rather it depicts the information provided directly from the producer and/or National Agricultural Imagery Program (NAIP) imagery. The producer accepts the data 'as is' and assumes all risks associated with its use. USDA-FSA assumes no responsibility for actual or consequential damage incurred as a result of any user's reliance on this data outside FSA Programs. Wetland identifiers do not represent the size, shape, or specific determination of the area. Refer to your original determination (CPA-026 and attached maps) for exact boundaries and determinations or contact USDA Natural Resources Conservation Service (NRCS).

USDA United States Department of Agriculture

Teton County, Montana



Cropland
Rangeland
Tract Boundary
CRP

Wetland Determination Identifiers
- Restricted Use
- Limited Restrictions
- Exempt from Conservation Compliance Provisions

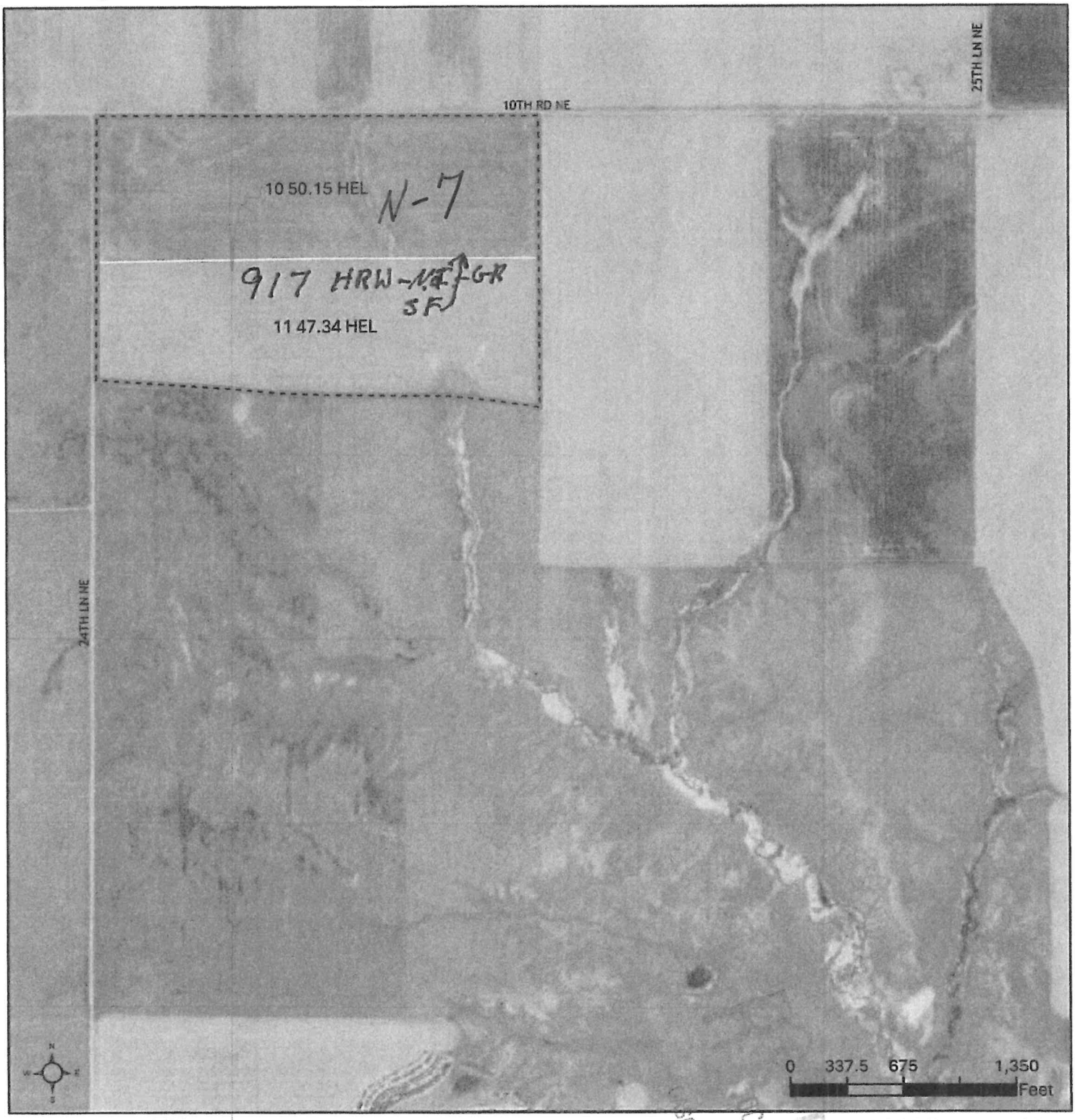
Tract Cropland Total: 135.30 acres

2025 Program Year
Map Created September 17, 2024
2021 NAIP
Farm **8149**
Tract **13885**
15-23N-2E

United States Department of Agriculture (USDA) Farm Service Agency (FSA) maps are for FSA Program administration only. This map does not represent a legal survey or reflect actual ownership; rather it depicts the information provided directly from the producer and/or National Agricultural Imagery Program (NAIP) imagery. The producer accepts the data 'as is' and assumes all risks associated with its use. USDA-FSA assumes no responsibility for actual or consequential damage incurred as a result of any user's reliance on this data outside FSA Programs. Wetland identifiers do not represent the size, shape, or specific determination of the area. Refer to your original determination (CPA-026 and attached maps) for exact boundaries and determinations or contact USDA Natural Resources Conservation Service (NRCS).

USDA United States Department of Agriculture

Teton County, Montana



Cropland Tract Boundary

2025 Program Year
Map Created September 17, 2024
2021 NAIP
Farm **8148**
Tract **13884**
15-23N-2E

Wetland Determination Identifiers
- Restricted Use
- Limited Restrictions
- Exempt from Conservation Compliance Provisions

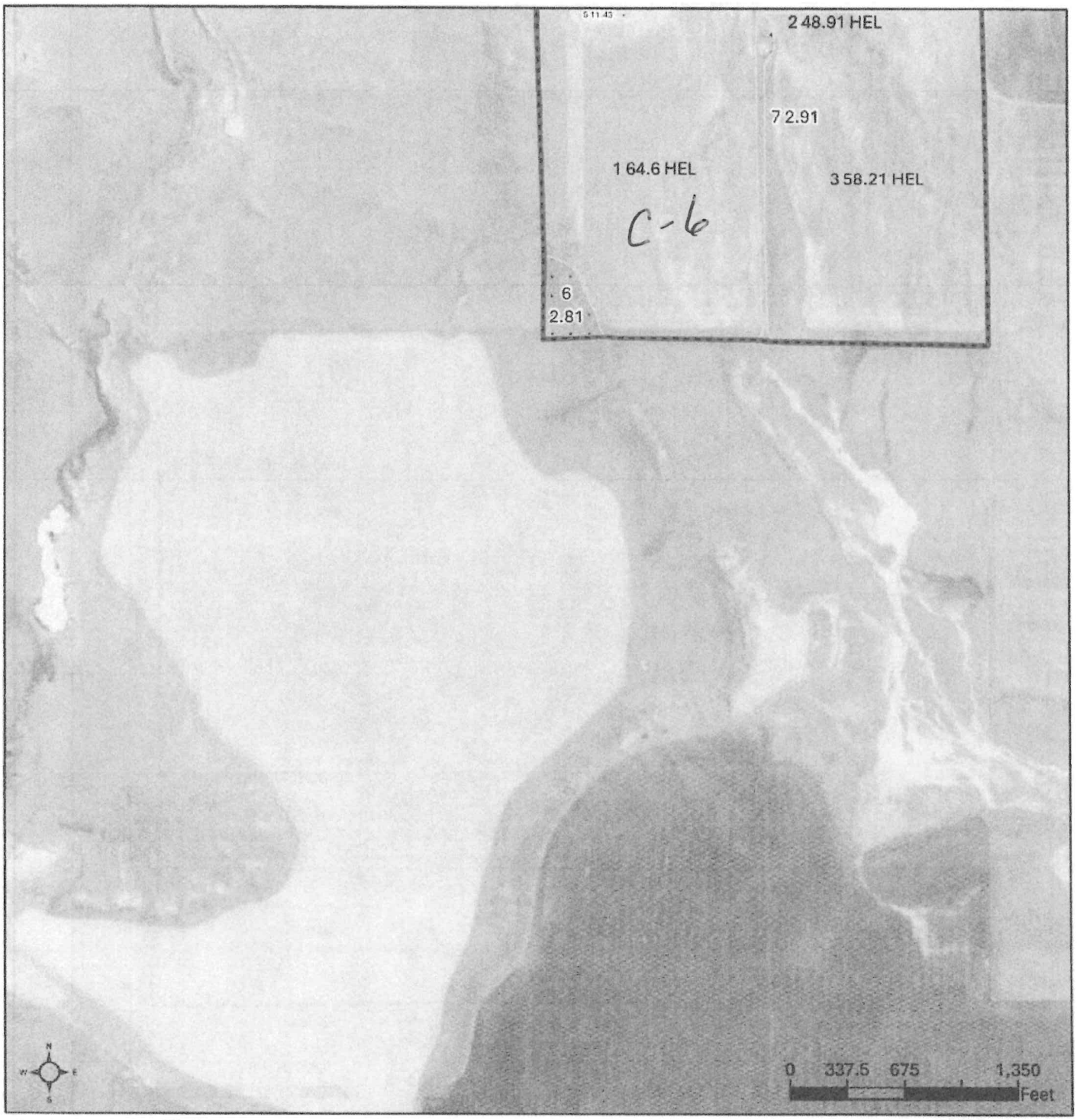
Tract Cropland Total: 97.49 acres

RECEIVED
OCT 23 2024
USDA-FSA
CASCADE COUNTY, MT

United States Department of Agriculture (USDA) Farm Service Agency (FSA) maps are for FSA Program administration only. This map does not represent a legal survey or reflect actual ownership; rather it depicts the information provided directly from the producer and/or National Agricultural Imagery Program (NAIP) imagery. The producer accepts the data 'as is' and assumes all risks associated with its use. USDA-FSA assumes no responsibility for actual or consequential damage incurred as a result of any user's reliance on this data outside FSA Programs. Wetland identifiers do not represent the size, shape, or specific determination of the area. Refer to your original determination (CPA-026 and attached maps) for exact boundaries and determinations or contact USDA Natural Resources Conservation Service (NRCS).

USDA United States Department of Agriculture

Cascade County, Montana



Cropland
Rangeland
Tract Boundary

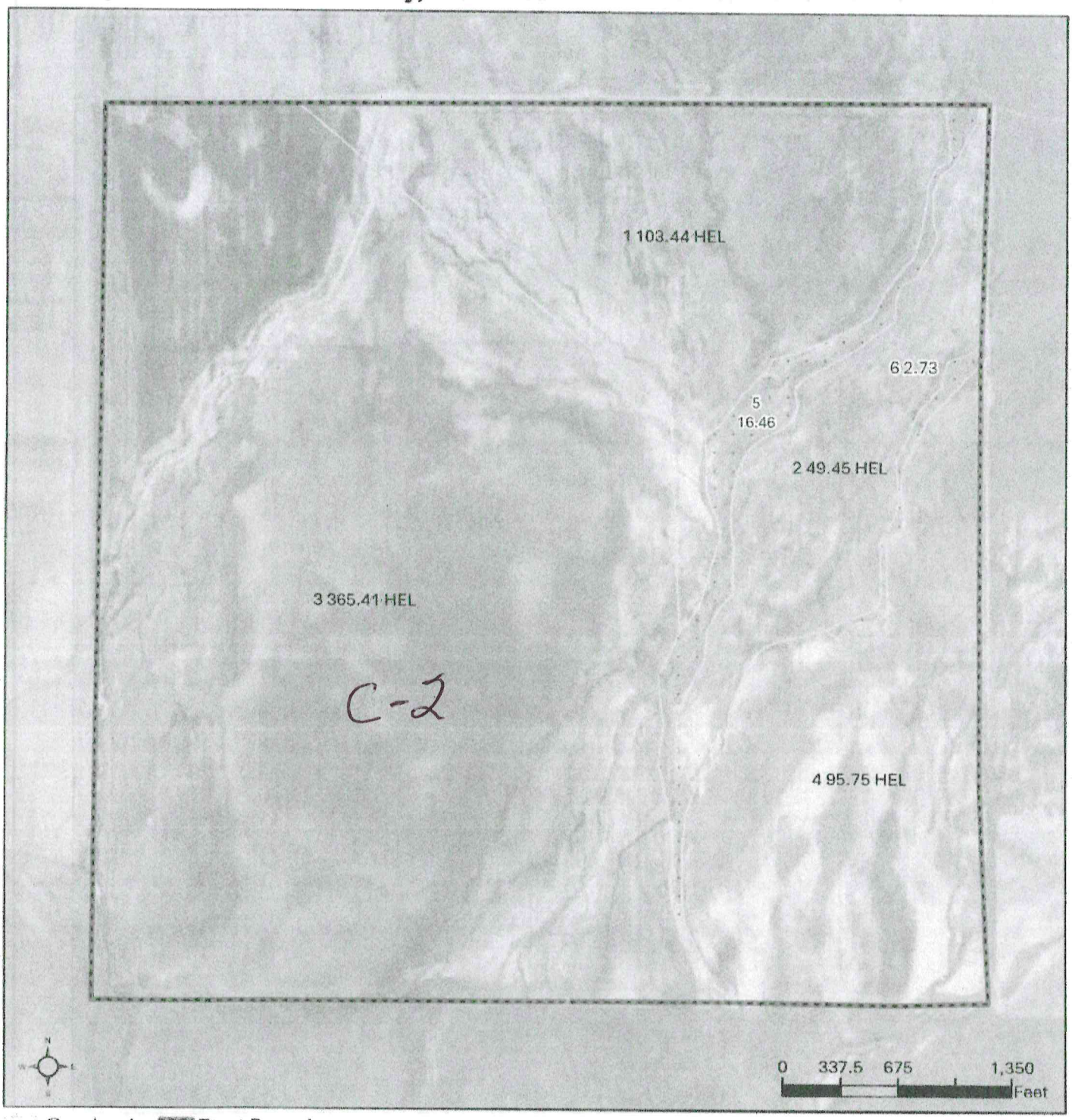
Wetland Determination Identifiers
- Restricted Use
- Limited Restrictions
- Exempt from Conservation Compliance Provisions

Tract Cropland Total: 171.72 acres

2025 Program Year
Map Created September 11, 2024
2021 NAIP
Farm **10401**
Tract **9946**
7-21N-2E

USDA United States Department of Agriculture

Cascade County, Montana



Cropland
Rangeland
Tract Boundary

Wetland Determination Identifiers
- Restricted Use
- Limited Restrictions
- Exempt from Conservation Compliance Provisions

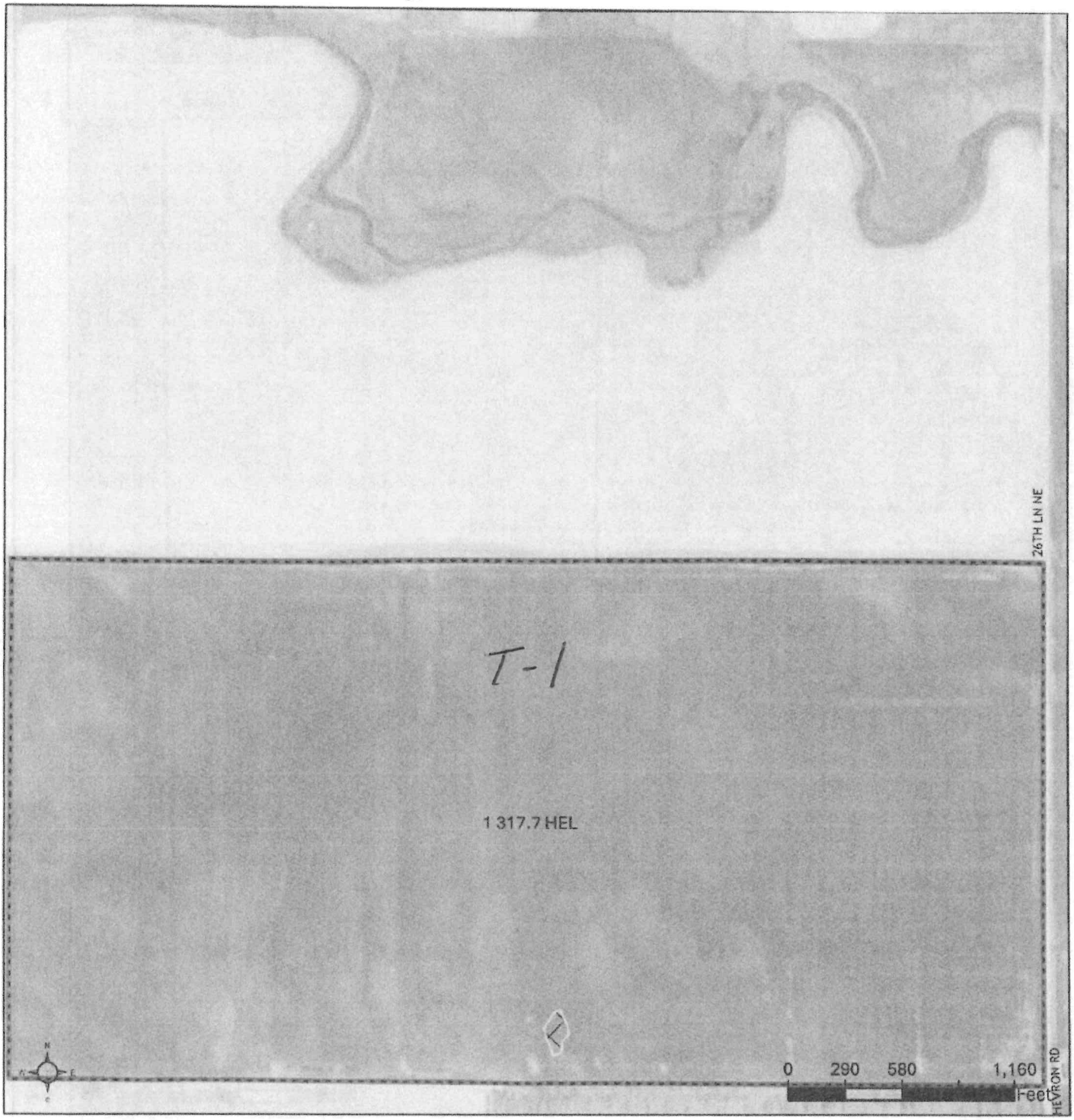
Tract Cropland Total: 614.05 acres

2025 Program Year
Map Created September 11, 2024
2021 NAIP
Farm **10401**
Tract **10260**
9-21N-2E

United States Department of Agriculture (USDA) Farm Service Agency (FSA) maps are for FSA Program administration only. This map does not represent a legal survey or reflect actual ownership; rather it depicts the information provided directly from the producer and/or National Agricultural Imagery Program (NAIP) imagery. The producer accepts the data 'as is' and assumes all risks associated with its use. USDA-FSA assumes no responsibility for actual or consequential damage incurred as a result of any user's reliance on this data outside FSA Programs. Wetland identifiers do not represent the size, shape, or specific determination of the area. Refer to your original determination (CPA-026 and attached maps) for exact boundaries and determinations or contact USDA Natural Resources Conservation Service (NRCS).

USDA United States Department of Agriculture

Cascade County, Montana



Cropland Tract Boundary

Other Ag

Wetland Determination Identifiers

- Restricted Use
- Limited Restrictions
- Exempt from Conservation Compliance Provisions

Tract Cropland Total: 317.70 acres

2025 Program Year

Map Created September 11, 2024

2021 NAIP

Farm **10401**

Tract **5137**

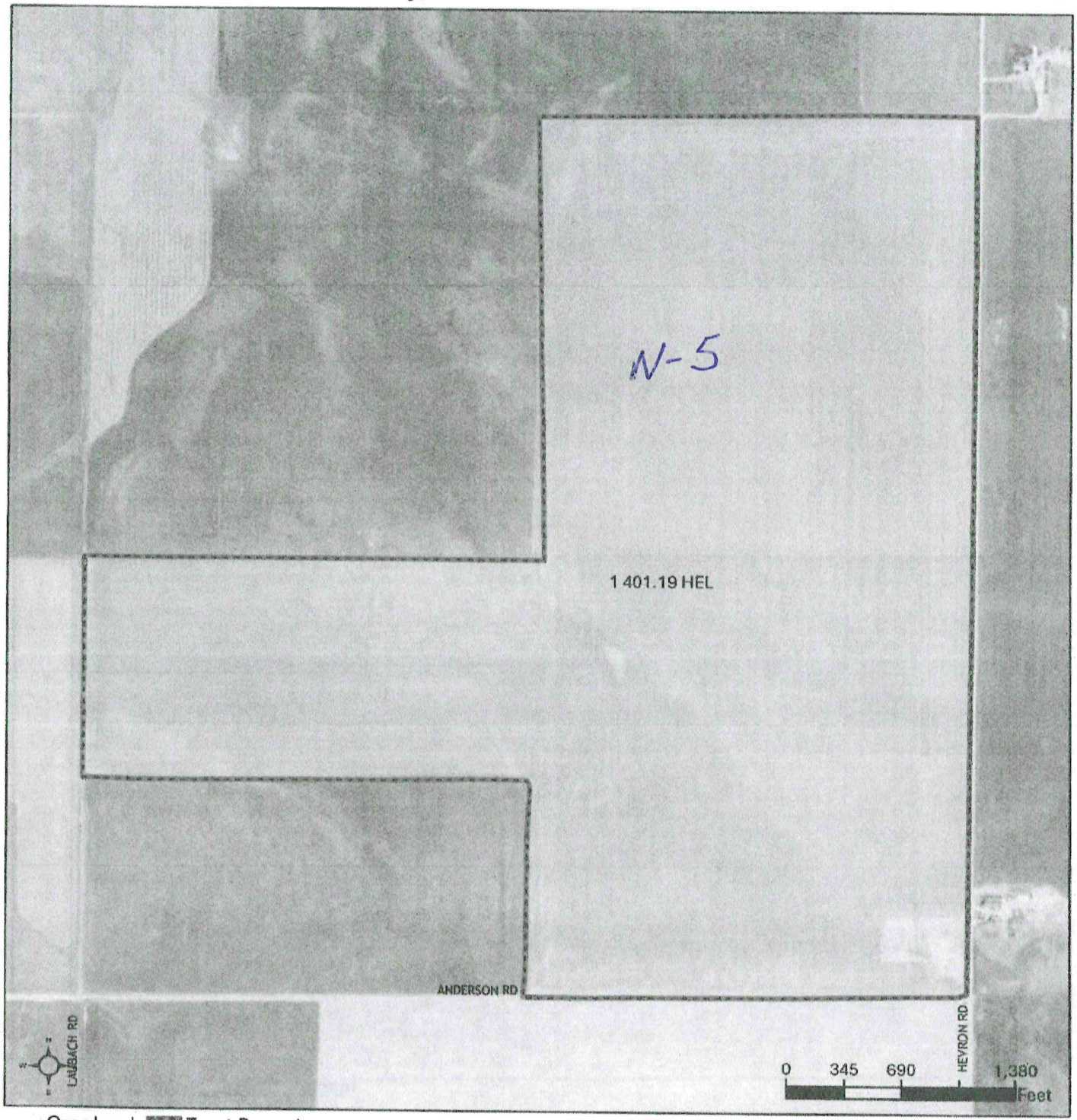
35-23N-2E

United States Department of Agriculture (USDA) Farm Service Agency (FSA) maps are for FSA Program administration only. This map does not represent a legal survey or reflect actual ownership; rather it depicts the information provided directly from the producer and/or National Agricultural Imagery Program (NAIP) imagery. The producer accepts the data 'as is' and assumes all risks associated with its use. USDA-FSA assumes no responsibility for actual or consequential damage incurred as a result of any user's reliance on this data outside FSA Programs. Wetland identifiers do not represent the size, shape, or specific determination of the area. Refer to your original determination (CPA-026 and attached maps) for exact boundaries and determinations or contact USDA Natural Resources Conservation Service (NRCS).

USDA United States Department of Agriculture

HILLCREST COLONY INC

Cascade County, Montana



Cropland Tract Boundary

2025 Program Year

Map Created September 11, 2024

2021 NAIP

Farm **10401**

Tract **265**

14-22N-2E

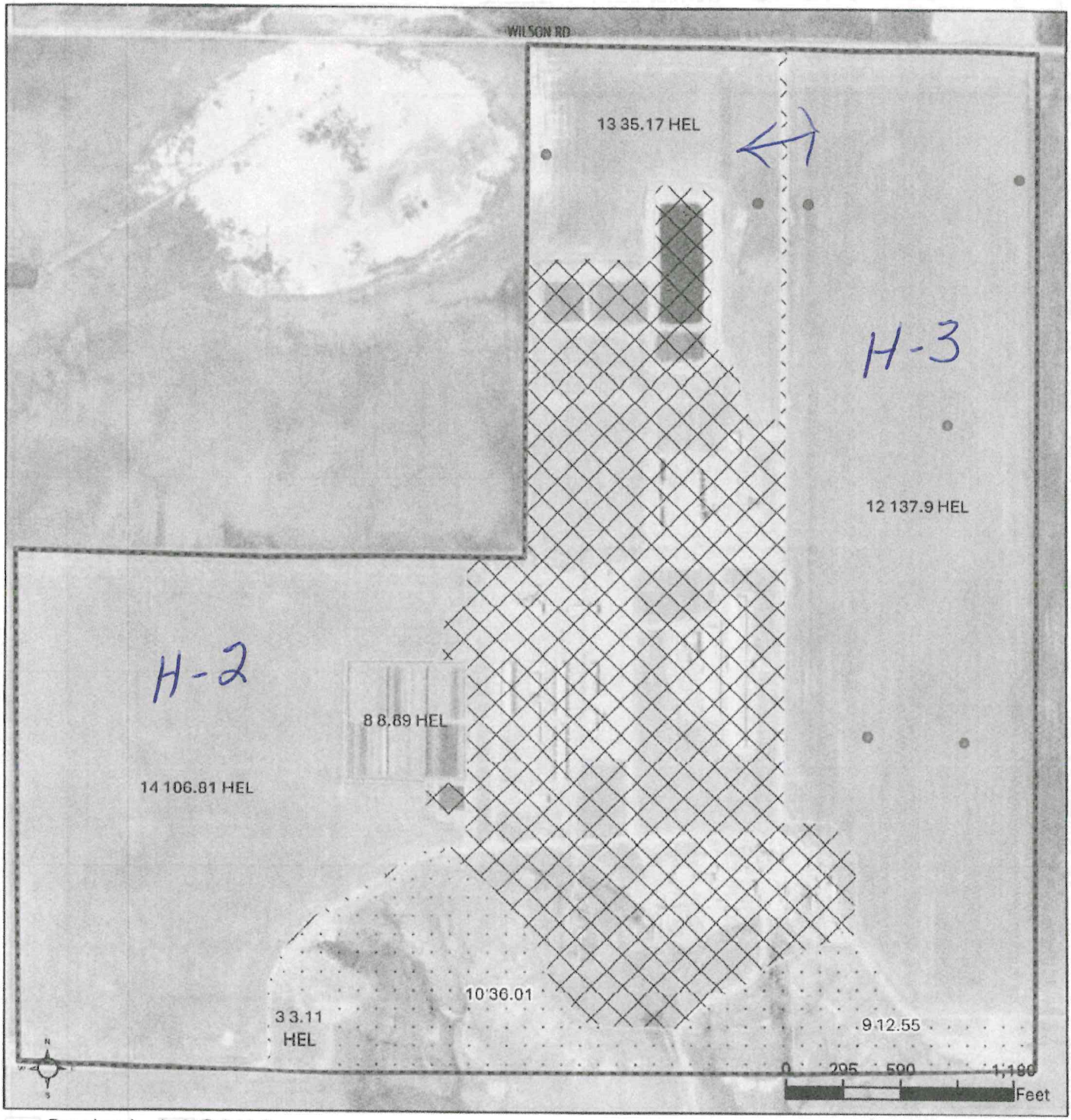
Wetland Determination Identifiers

- Restricted Use
- Limited Restrictions
- Exempt from Conservation Compliance Provisions

Tract Cropland Total: 401.19 acres

USDA United States Department of Agriculture

Cascade County, Montana



Cropland | Other Ag
Rangeland | Tract Boundary

2025 Program Year
Map Created September 11, 2024
2021 NAIP

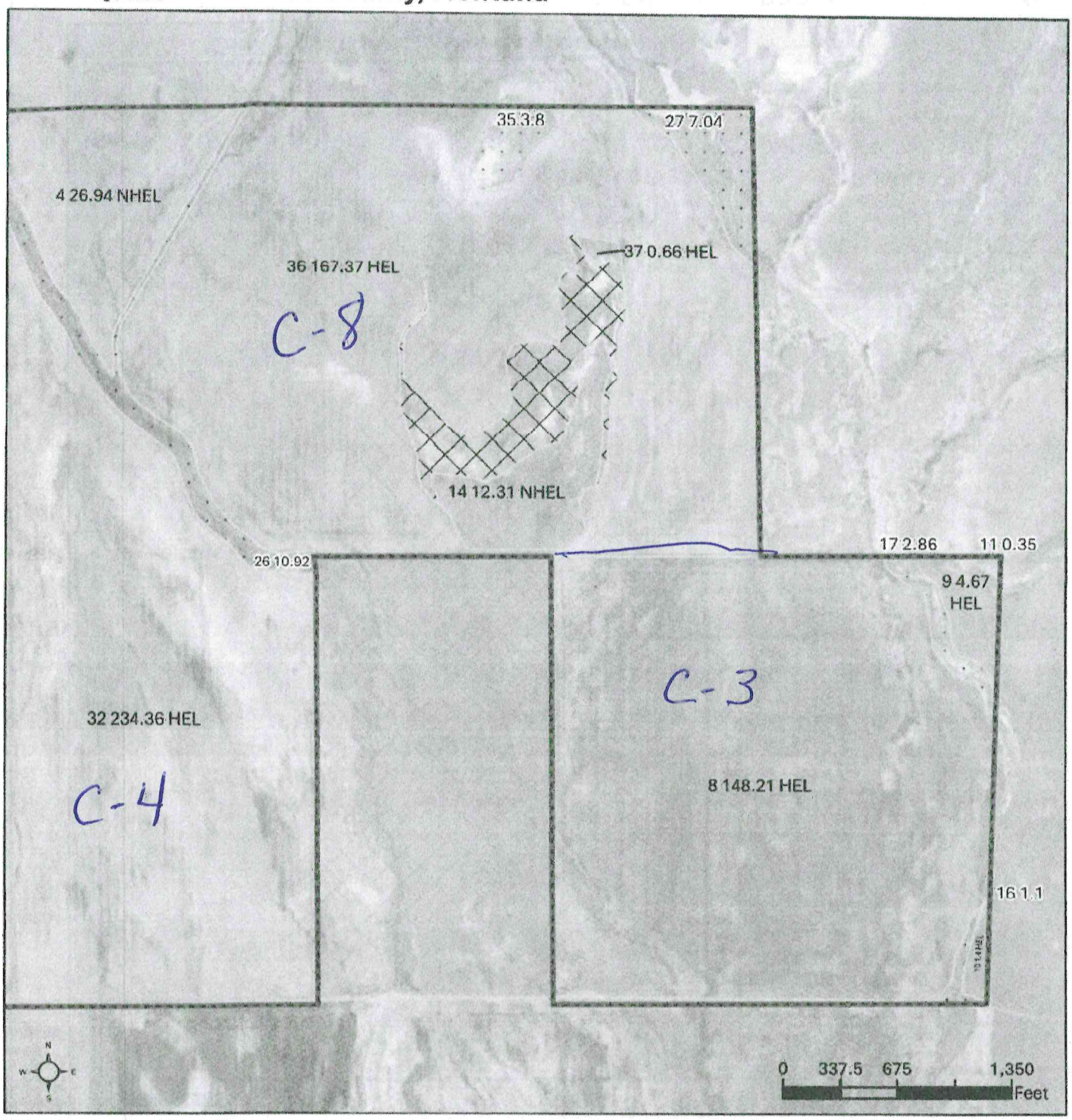
Farm **10401**
Tract **12235**
29-22N-2E

Wetland Determination Identifiers
- Restricted Use
- Limited Restrictions
- Exempt from Conservation Compliance Provisions

Tract Cropland Total: 291.88 acres

USDA United States Department of Agriculture

Cascade County, Montana



Cropland | Other Ag

Rangeland | Tract Boundary

Wetland Determination Identifiers
- Restricted Use
- Limited Restrictions
- Exempt from Conservation Compliance Provisions

Tract Cropland Total: 1000.05 acres

2025 Program Year
Map Created September 11, 2024
2021 NAIP

Farm **10401**

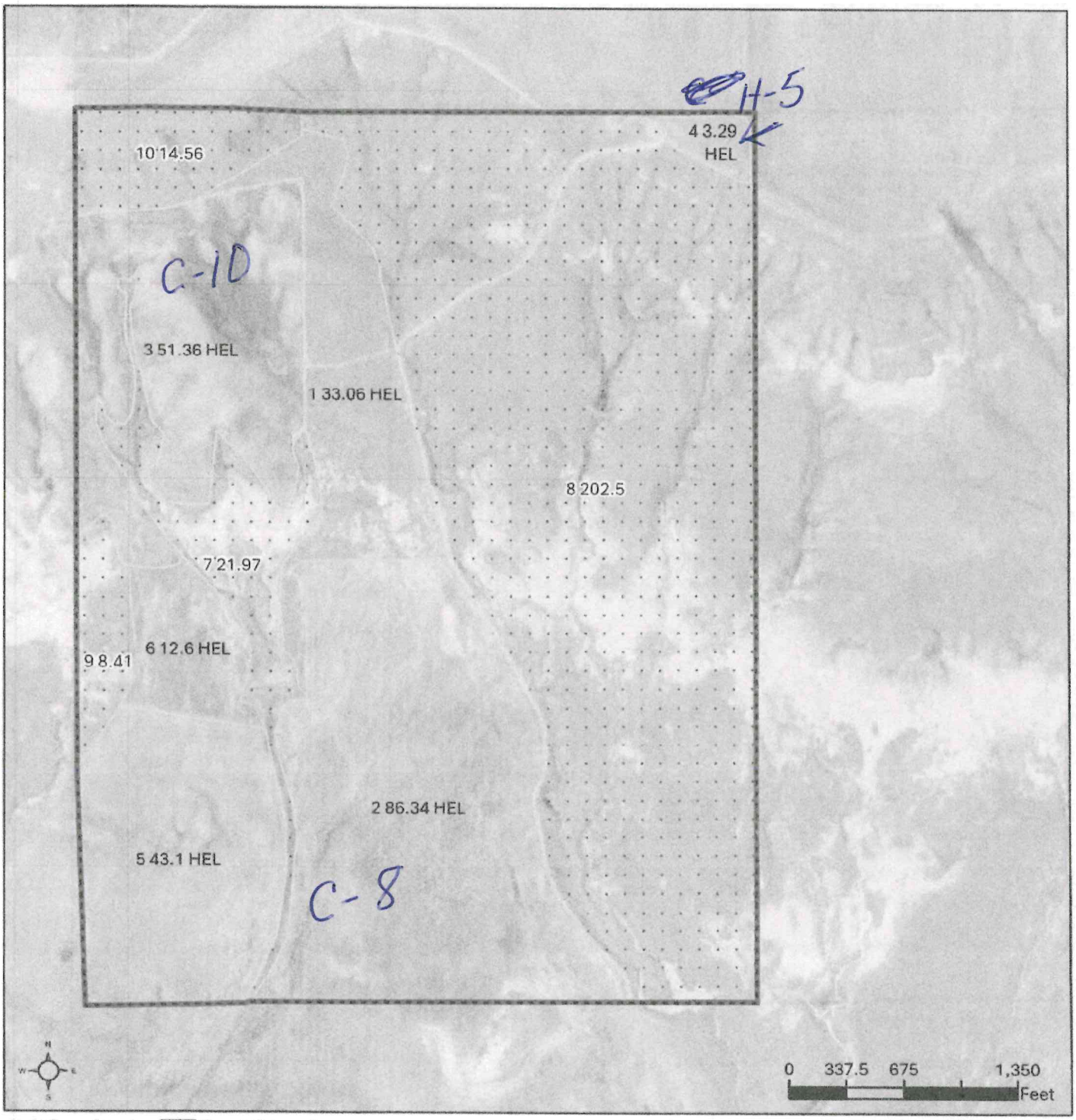
Tract **12236**

4-21N-2E

United States Department of Agriculture (USDA) Farm Service Agency (FSA) maps are for FSA Program administration only. This map does not represent a legal survey or reflect actual ownership; rather it depicts the information provided directly from the producer and/or National Agricultural Imagery Program (NAIP) imagery. The producer accepts the data 'as is' and assumes all risks associated with its use. USDA-FSA assumes no responsibility for actual or consequential damage incurred as a result of any user's reliance on this data outside FSA Programs. Wetland identifiers do not represent the size, shape, or specific determination of the area. Refer to your original determination (CPA-026 and attached maps) for exact boundaries and determinations or contact USDA Natural Resources Conservation Service (NRCS).

USDA United States Department of Agriculture

Cascade County, Montana



Cropland
Rangeland
Tract Boundary

Wetland Determination Identifiers
- Restricted Use
- Limited Restrictions
- Exempt from Conservation Compliance Provisions

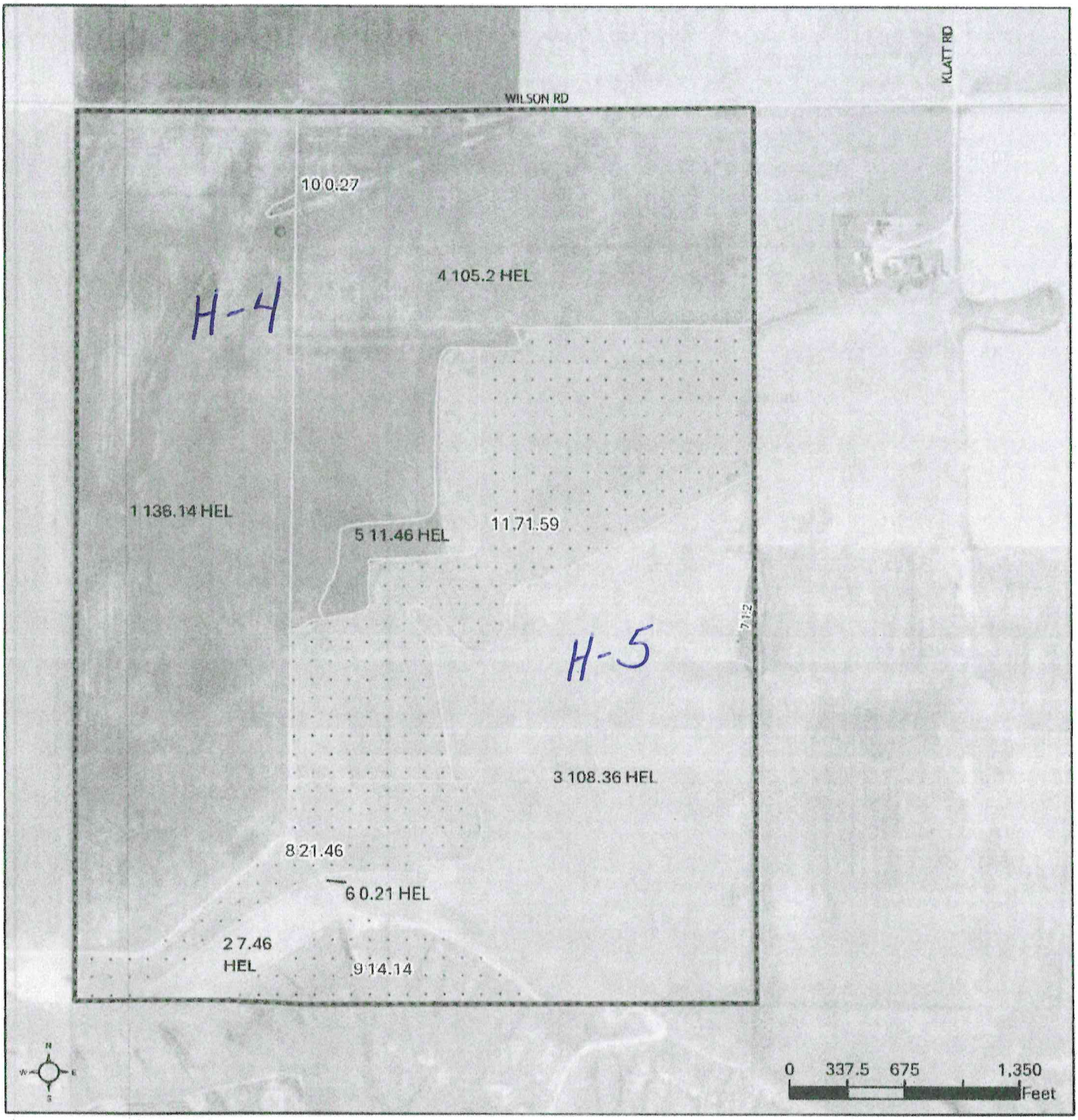
Tract Cropland Total: 229.75 acres

2025 Program Year
Map Created September 11, 2024
2021 NAIP
Farm **10401**
Tract **11890**
33-22N-2E

United States Department of Agriculture (USDA) Farm Service Agency (FSA) maps are for FSA Program administration only. This map does not represent a legal survey or reflect actual ownership; rather it depicts the information provided directly from the producer and/or National Agricultural Imagery Program (NAIP) imagery. The producer accepts the data 'as is' and assumes all risks associated with its use. USDA-FSA assumes no responsibility for actual or consequential damage incurred as a result of any user's reliance on this data outside FSA Programs. Wetland identifiers do not represent the size, shape, or specific determination of the area. Refer to your original determination (CPA-026 and attached maps) for exact boundaries and determinations or contact USDA Natural Resources Conservation Service (NRCS).

USDA United States Department of Agriculture

Cascade County, Montana



Cropland Tract Boundary

Rangeland

Wetland Determination Identifiers

- Restricted Use
- Limited Restrictions
- Exempt from Conservation Compliance Provisions

Tract Cropland Total: 368.83 acres

2025 Program Year

Map Created September 11, 2024

2021 NAIP

Farm **10401**

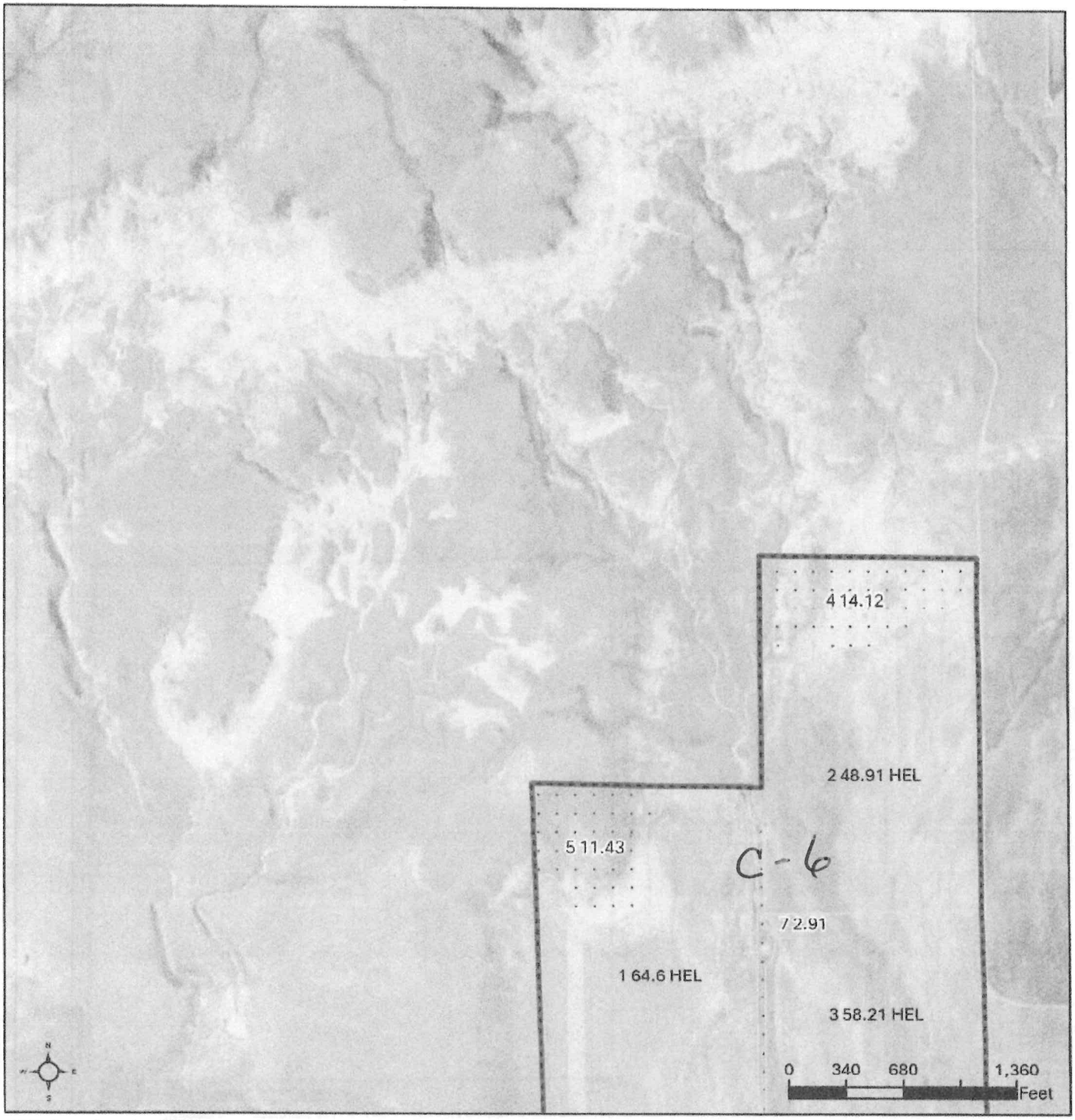
Tract **12234**

28-22N-2E

United States Department of Agriculture (USDA) Farm Service Agency (FSA) maps are for FSA Program administration only. This map does not represent a legal survey or reflect actual ownership; rather it depicts the information provided directly from the producer and/or National Agricultural Imagery Program (NAIP) imagery. The producer accepts the data 'as is' and assumes all risks associated with its use. USDA-FSA assumes no responsibility for actual or consequential damage incurred as a result of any user's reliance on this data outside FSA Programs. Wetland identifiers do not represent the size, shape, or specific determination of the area. Refer to your original determination (CPA-026 and attached maps) for exact boundaries and determinations or contact USDA Natural Resources Conservation Service (NRCS).

USDA United States Department of Agriculture

Cascade County, Montana



Cropland
Rangeland
Tract Boundary

Wetland Determination Identifiers
- Restricted Use
- Limited Restrictions
- Exempt from Conservation Compliance Provisions

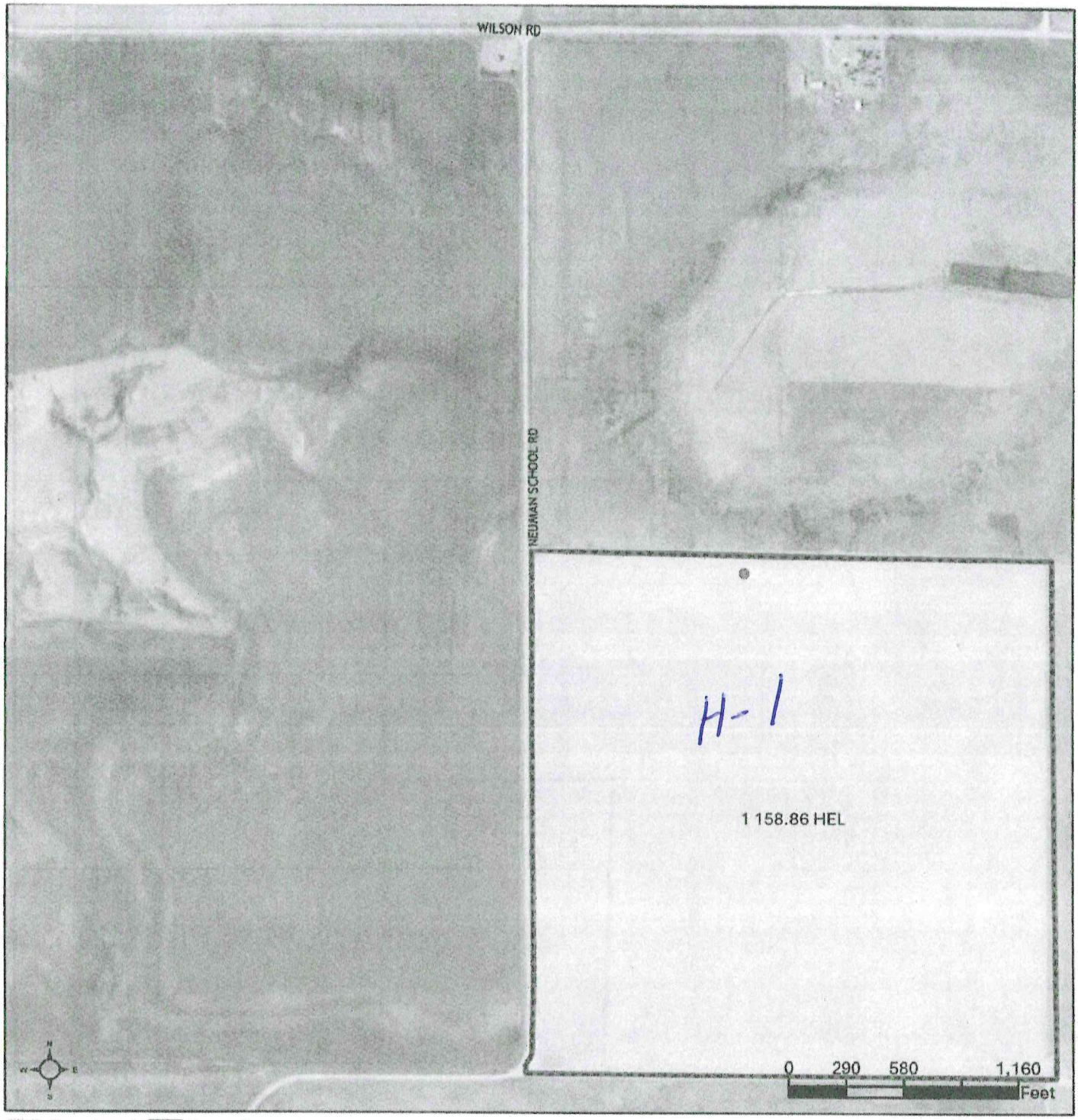
Tract Cropland Total: 171.72 acres

2025 Program Year
Map Created September 11, 2024
2021 NAIP

Farm **10401**
Tract **9946**
6-21N-2E

USDA United States Department of Agriculture

Cascade County, Montana



Cropland Tract Boundary

2025 Program Year
Map Created September 11, 2024
2021 NAIP

Farm **10401**
Tract **8439**
30-22N-2E

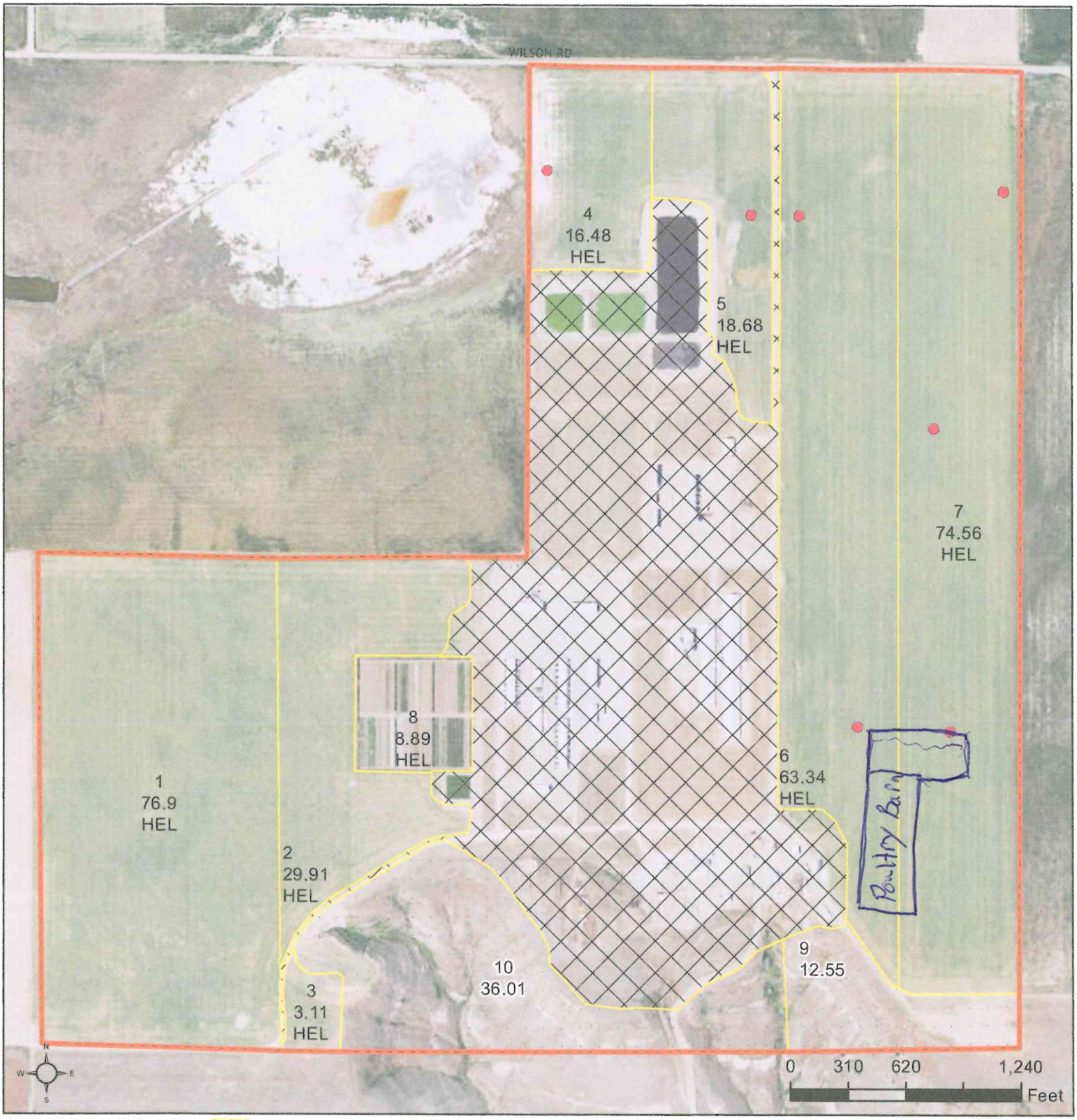
Wetland Determination Identifiers
- Restricted Use
- Limited Restrictions
- Exempt from Conservation Compliance Provisions

Tract Cropland Total: 158.86 acres

United States Department of Agriculture (USDA) Farm Service Agency (FSA) maps are for FSA Program administration only. This map does not represent a legal survey or reflect actual ownership; rather it depicts the information provided directly from the producer and/or National Agricultural Imagery Program (NAIP) imagery. The producer accepts the data 'as is' and assumes all risks associated with its use. USDA-FSA assumes no responsibility for actual or consequential damage incurred as a result of any user's reliance on this data outside FSA Programs. Wetland identifiers do not represent the size, shape, or specific determination of the area. Refer to your original determination (CPA-026 and attached maps) for exact boundaries and determinations or contact USDA Natural Resources Conservation Service (NRCS).

USDA United States Department of Agriculture

Cascade County, Montana



Common Land Unit
- Cropland
- Rangeland
- Other Use
- Tract Boundary

Wetland Determination Identifiers
- Restricted Use
- Limited Restrictions
- Exempt from Conservation Compliance Provisions

2023 Program Year
Map Created February 08, 2023
2021 NAIP

Farm **10401**
Tract **12235**
29-22N-2E

Tract Cropland Total: 291.87 acres

USDA United States Department of Agriculture

Cascade County, Montana

Common Land Unit

- Cropland
- Tract Boundary

Wetland Determination Identifiers

- Restricted Use
- Limited Restrictions
- Exempt from Conservation Compliance Provisions

Applications 9-12 - 9-19

2024

Tract Cropland Total: 158.86 acres

2023 Program Year

Map Created February 08, 2023

2021 NAIP

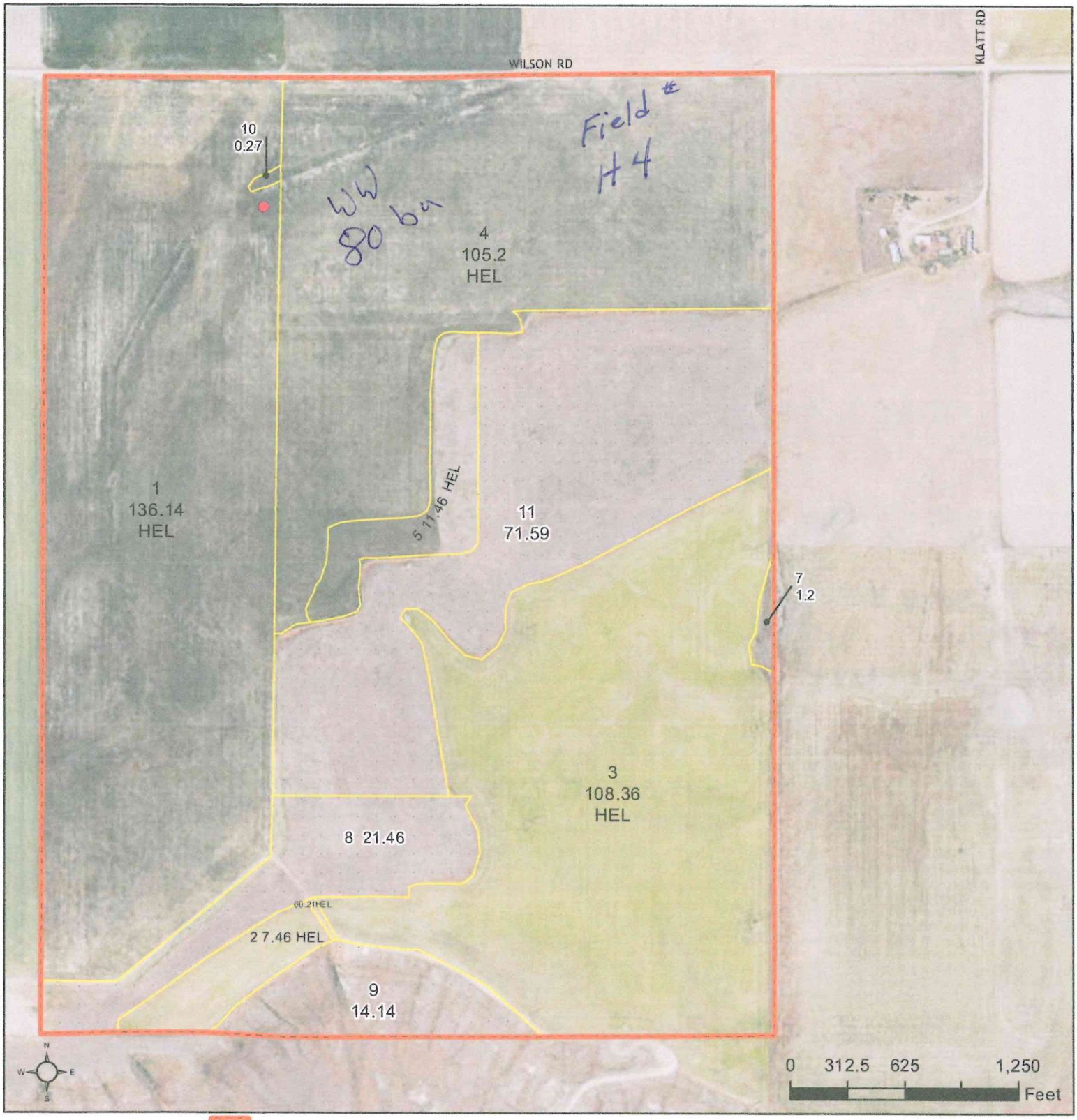
Farm **10401**

Tract **8439**

30-22N-2E

United States Department of Agriculture

Cascade County, Montana



Common Land Unit Tract Boundary

Cropland

Rangeland

Wetland Determination Identifiers

- Restricted Use
- Limited Restrictions
- Exempt from Conservation Compliance Provisions

2024

Tract Cropland Total: 368.83 acres

2023 Program Year

Map Created February 08, 2023

2021 NAIP

Farm **10401**

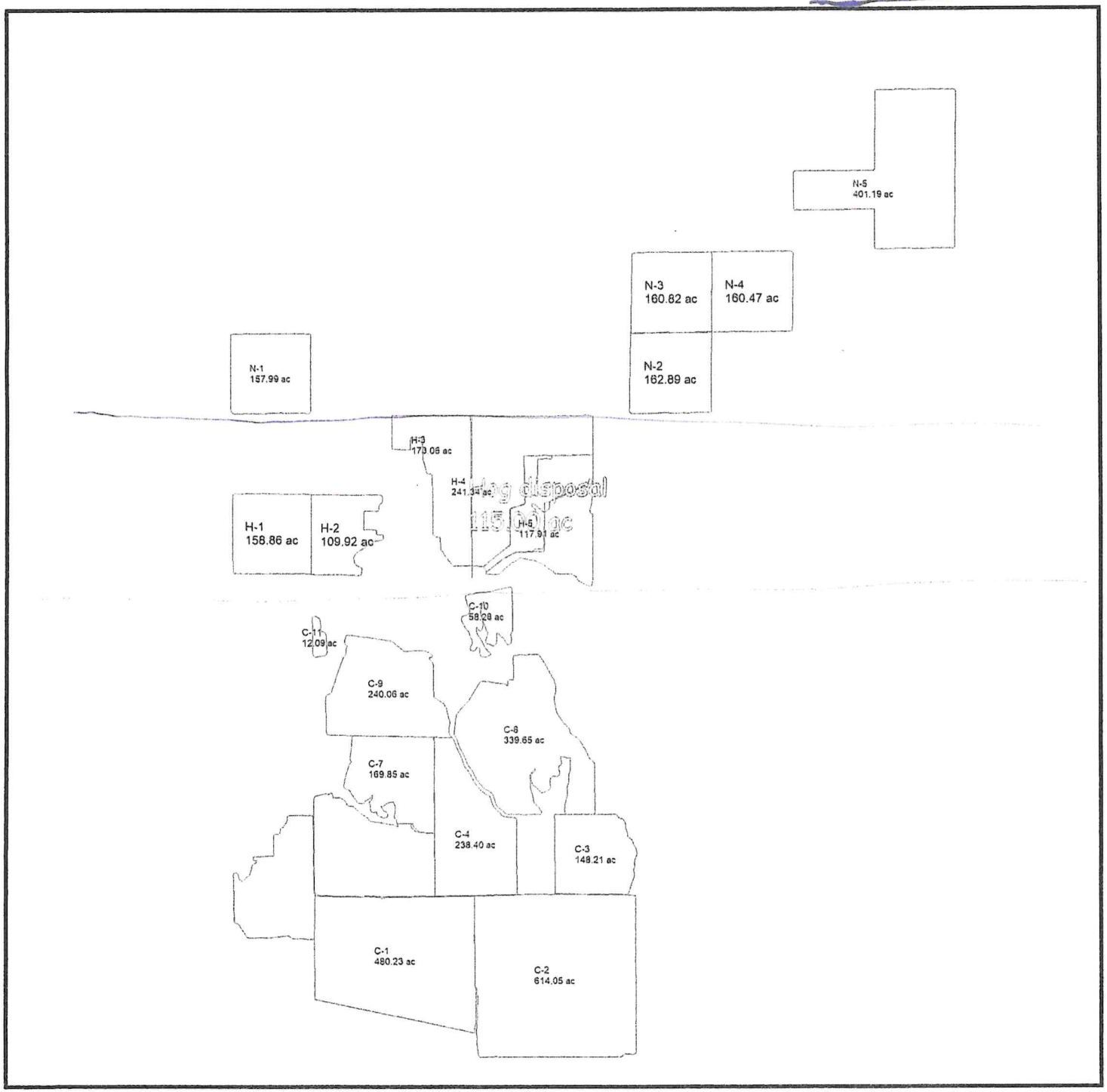
Tract **12234**

28-22N-2E

Hillcrest 2024-2028

Fields

N-4

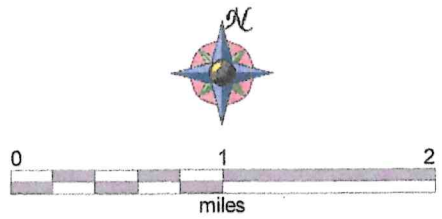


Fields 5352.47 ac

Wheat - 70 CF
- 50 RC

Alt Crops

Barley - 50 bu
Peas - 35
Canola - Irr 65 bu Dry 25
Mustard - 1000 lbs
Chickpeas - 20 bu
Lentils - 25 bu



Trimble