



CORYDON SERVICE CENTER
300 SOUTH LAFAYETTE STREET
CORYDON, IA 50060
(641) 872-1350

STEVE LEWIS
DISTRICT CONSERVATIONIST

Conservation Plan

MURIEL SPONSLER
2482 260TH AVE
OSCEOLA, IA 50213

OBJECTIVE(S)

Producer wishes to prevent ephemeral gully erosion and trap sediment

Crop

Tract: 34

Terrace(600)

Install a terrace system as part of the erosion control system. An engineering plan with construction specifications will be provided for the installation of the terrace system.

Operation and Maintenance:

Inspect terraces periodically and especially following runoff events.

Promptly repair or replace damaged components as necessary.

Remove sediment that has accumulated in the terrace to maintain capacity, a positive channel grade, and to maintain capacity where soil infiltration serves as the outlet.

Control trees and brush on the terraces by chemical or mechanical means.

NWQI 2019	Field	Planned Amount	Month	Year	Applied Amount	Date
	1	4450. Ft	7	2020	3075 ft	1/8/2021
	Total:	4450. Ft				

Underground Outlet(620)

Install a subsurface pipe to collect and safely convey surface water to a suitable outlet.

An engineering plan will be provided detailing the installation and material specifications for the underground outlet (tile) installation.

Operation & Maintenance:

Periodically, and especially after major runoff events, inspect the inlet to ensure designed flow. Check outlets to ensure they are not plugged.

NWQI 2019	Field	Planned Amount	Month	Year	Applied Amount	Date
	1	3800. Ft	7	2020	4255 ft	1/8/2021
	Total:	3800. Ft				

Critical Area Planting(342)

Vegetation will be established on the front and backslopes of the terraces. This is to be completed immediately after seeding. See attached seeding plan.

NWQI 2019	Field	Planned Amount	Month	Year	Applied Amount	Date
	1	1. Ac	7	2020	1 Ac	1/8/2021
	Total:	1. Ac				

Conservation Crop Rotation(328)

A crop rotation of Corn/Soybeans will be used on this/these field(s).

Field	Planned Amount	Month	Year	Applied Amount	Date
1	144.7 Ac	7	2019		
Total:	144.7 Ac				

Conservation Crop Rotation(328)

These fields are consider NHEL

Field	Planned Amount	Month	Year	Applied Amount	Date
2	119.6 Ac	7	2019		
Total:	119.6 Ac				

Residue and Tillage Management, Reduced Till(345)

Corn is no-tilled into soybean stubble leaving at least 40% of the ground covered with residue after planting. Corn stalks are tilled leaving at least 30% of the ground covered by residue after planting soybeans.

Field	Planned Amount	Month	Year	Applied Amount	Date
1	144.7 Ac	7	2019		
Total:	144.7 Ac				

Grassed Waterway(412)

Waterways will be constructed/maintained as shown on the plan map and other areas where ephemeral erosion is a problem. Waterways are recommended to have a minimum top width of 30' and a depth of 1' and parabolic in shape. Waterways will be seeded/maintained in a sod forming grass (Brome 20 lbs./ac., perennial ryegrass 5lbs./ac., and 1.5 bu. Oats if spring seeded or 1 bu. Cereal rye with a late summer/dormant seeding). Some waterways will require greater width and depth to function properly. Contact your NRCS office for design information.

Field	Planned Amount	Month	Year	Applied Amount	Date
1	2. Ac	7	2019		
Total:	2. Ac				

Contour Farming(330)

Perform all field operations on the contour to increase water infiltration and reduce concentrated water flow. Row grade not to exceed 2%.

Field	Planned Amount	Month	Year	Applied Amount	Date
1	144.7 Ac	7	2019		
Total:	144.7 Ac				

CERTIFICATION OF PARTICIPANTS

<i>Muriel Spensler</i> <i>up</i> <i>Kathryn Deckman</i>	<i>P.O.A.</i> <i>7/29/19</i>
MURIEL SPENSER	DATE

CERTIFICATION OF:

DISTRICT CONSERVATIONIST	
<i>Steve Lewis</i>	<i>7/27/19</i>
STEVE LEWIS	DATE

CONSERVATIONIST DISTRICT	
<i>Wayne Cty SWCD</i>	<i>6-23-20</i>
Wayne Cty SWCD	DATE

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1400 Independence Avenue, SW.
Washington, DC 20250-9410

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United States
Department of
Agriculture

Wayne County, Iowa



Legend

- Non-Cropland
- Cropland
- CRP
- Tract Boundary
- Iowa PLSS
- Iowa Roads

Wetland Determination

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

Tract Cropland Total: 264.34 acres

2021 Program Year

Map Created March 03, 2021

Farm 3564

Tract 34

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t34 Plan Map

Date: 7/19/2019

Customer(s): MURIEL SPONSLER

District: Wayne Cty SWCD

Field Office: CORYDON SERVICE CENTER

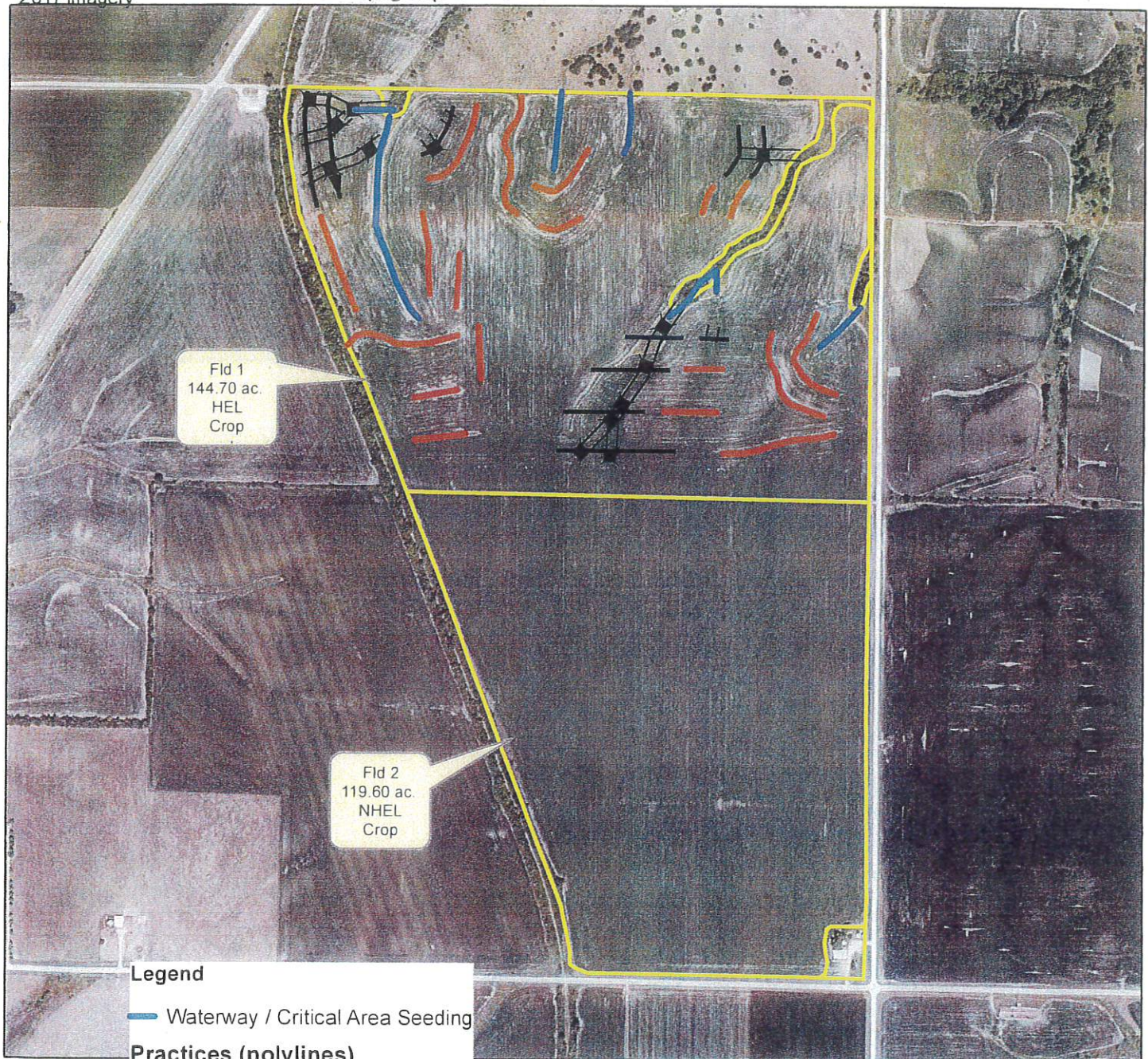
Agency: USDA-NRCS

Assisted By: Steve Lewis

State and County: IA, Wayne County, Iowa

Legal Description: Richman sect 3
2017 imagery

F3564 T0034



Legend

Waterway / Critical Area Seeding

Practices (polylines)

<all other values>

Practice name

Terrace

Underground Outlet

Existing Terraces

Consplan_t0034

Prepared with assistance from USDA-Natural Resources Conservation Service



t34 Plan Map

Date: 7/19/2019

Soils Map

Customer(s): MURIEL SPONSLER

District: Wayne Cty SWCD

Field Office: CORYDON SERVICE CENTER

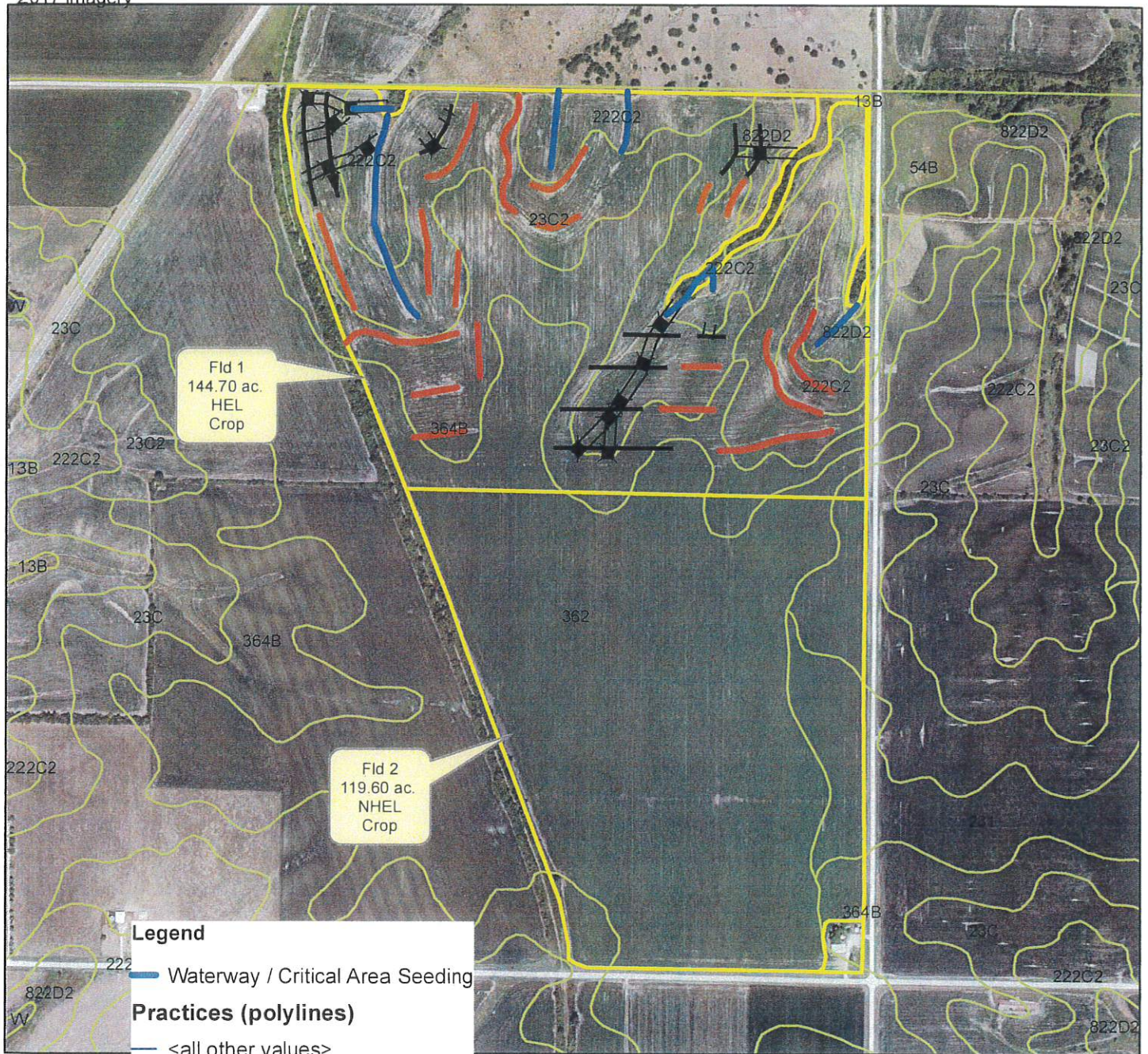
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Legend

Waterway / Critical Area Seeding

Practices (polylines)

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Practice name

Terrace

Underground Outlet

Existing Terraces

Consplan_t0034

Wayne Co - SSURGO Soils

Prepared with assistance from USDA-Natural Resources Conservation Service

