MISSOURI
DEPARTMENT OF
NATURAL RESOURCES

MO State Mapping Tool, a Proactive Solution to Keep Cost-share Moving

Josh Poynor

October 25, 2022

History

- 2019 NRCS moves away from Toolkit
- No efficient way for State Cost Share Program to document practices with aerial imagery.
- Spring 2020 process began to use ESRI ArcGIS Online. Pilot begins shortly after.
- November 2020 State Mapping Tool becomes available for statewide use. Required for maps that require pre-approval, encouraged use for all maps.
- Start of fiscal year 2021 became required for all contract approvals and payments.

Advantages

- Consistent map product between all 114 districts
- SWCP has control of it's own data
- Location info for practices is easily attainable
- Reporting information available
- Layers and map features can be customized
- Speed/efficiency of contract approval
- Report feature
- In field use (Collector/ Field Maps)
- Can be accessed from any computer, tablet or mobile device….
- Data can be transferred to CD.



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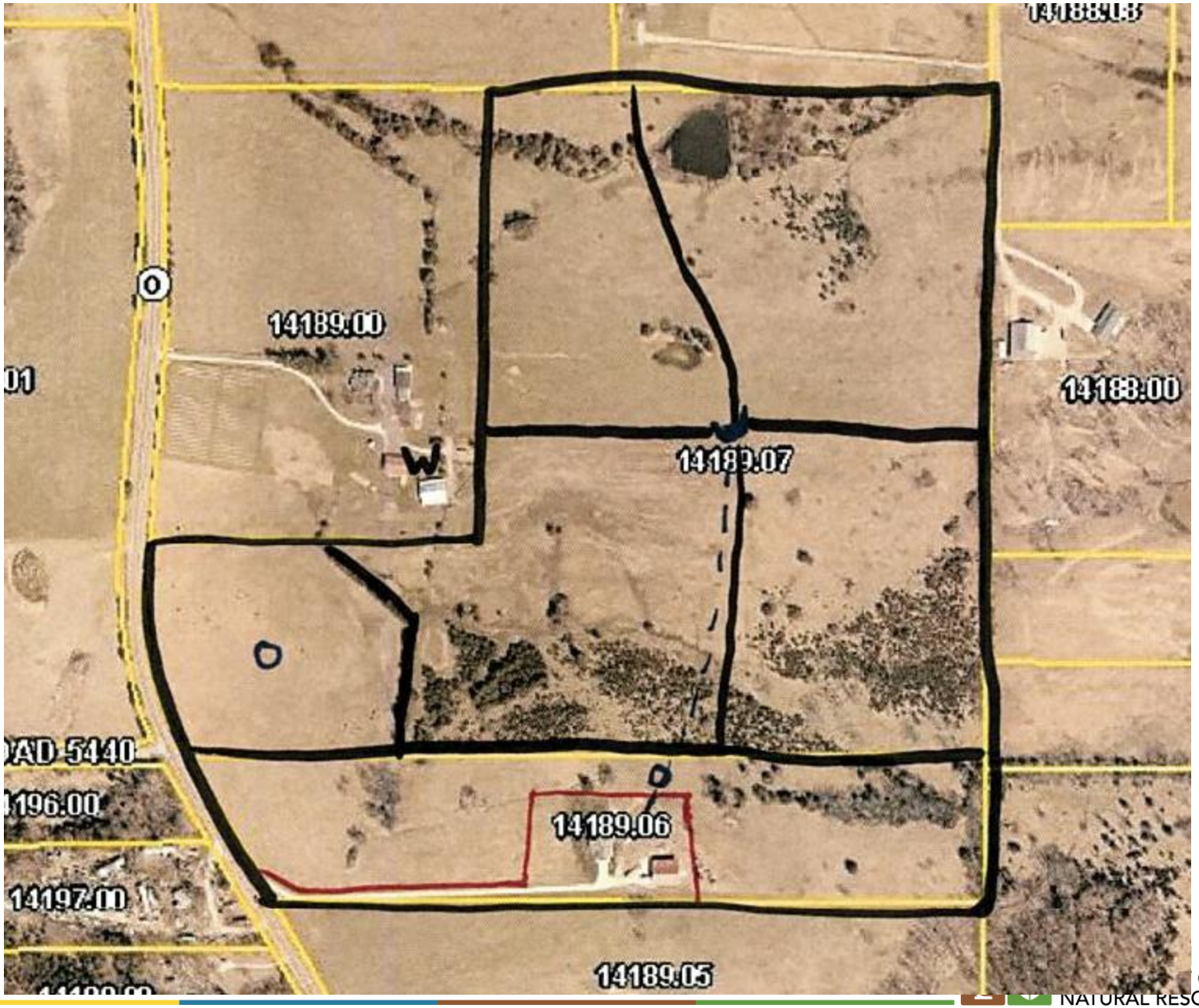
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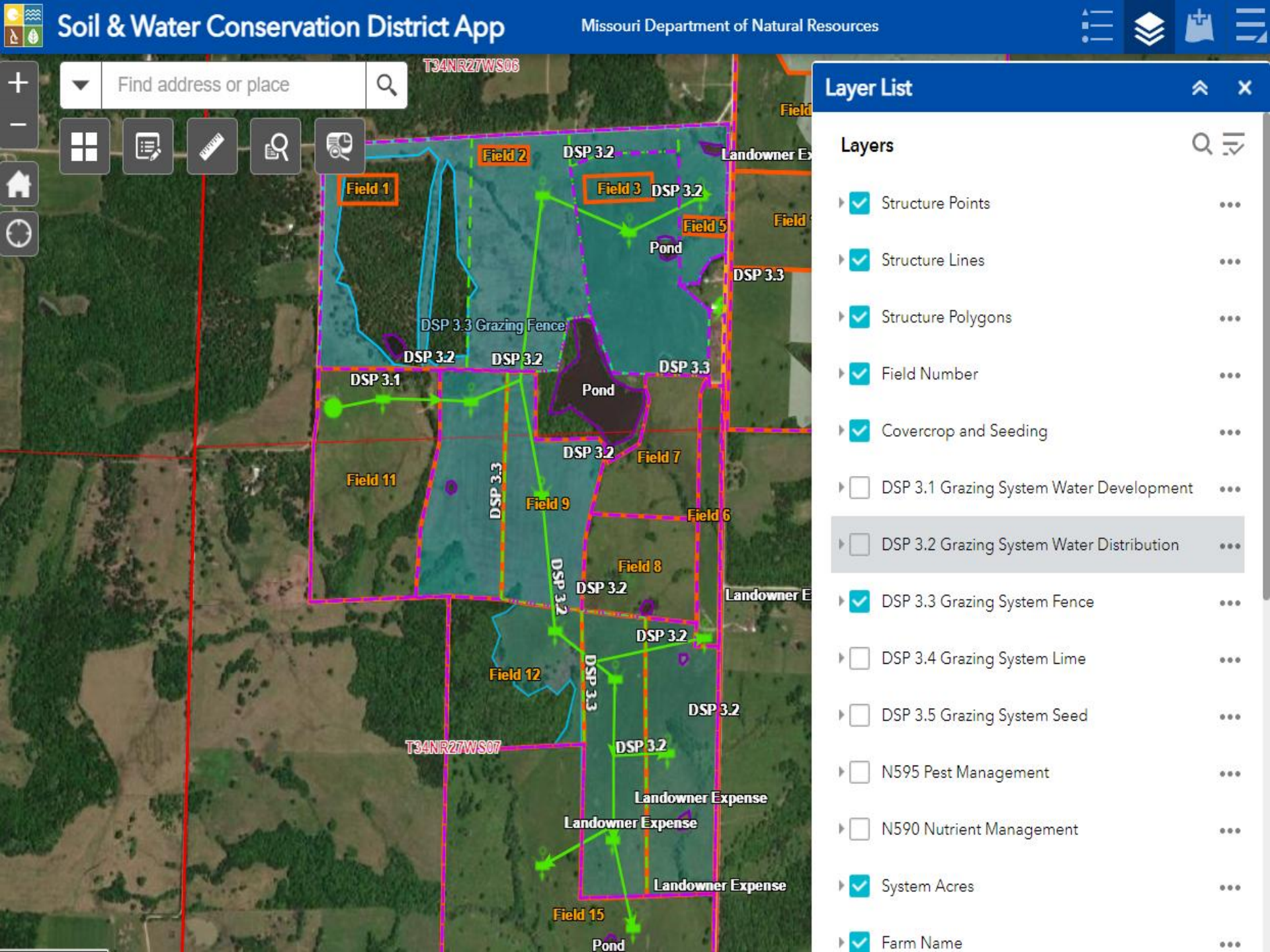
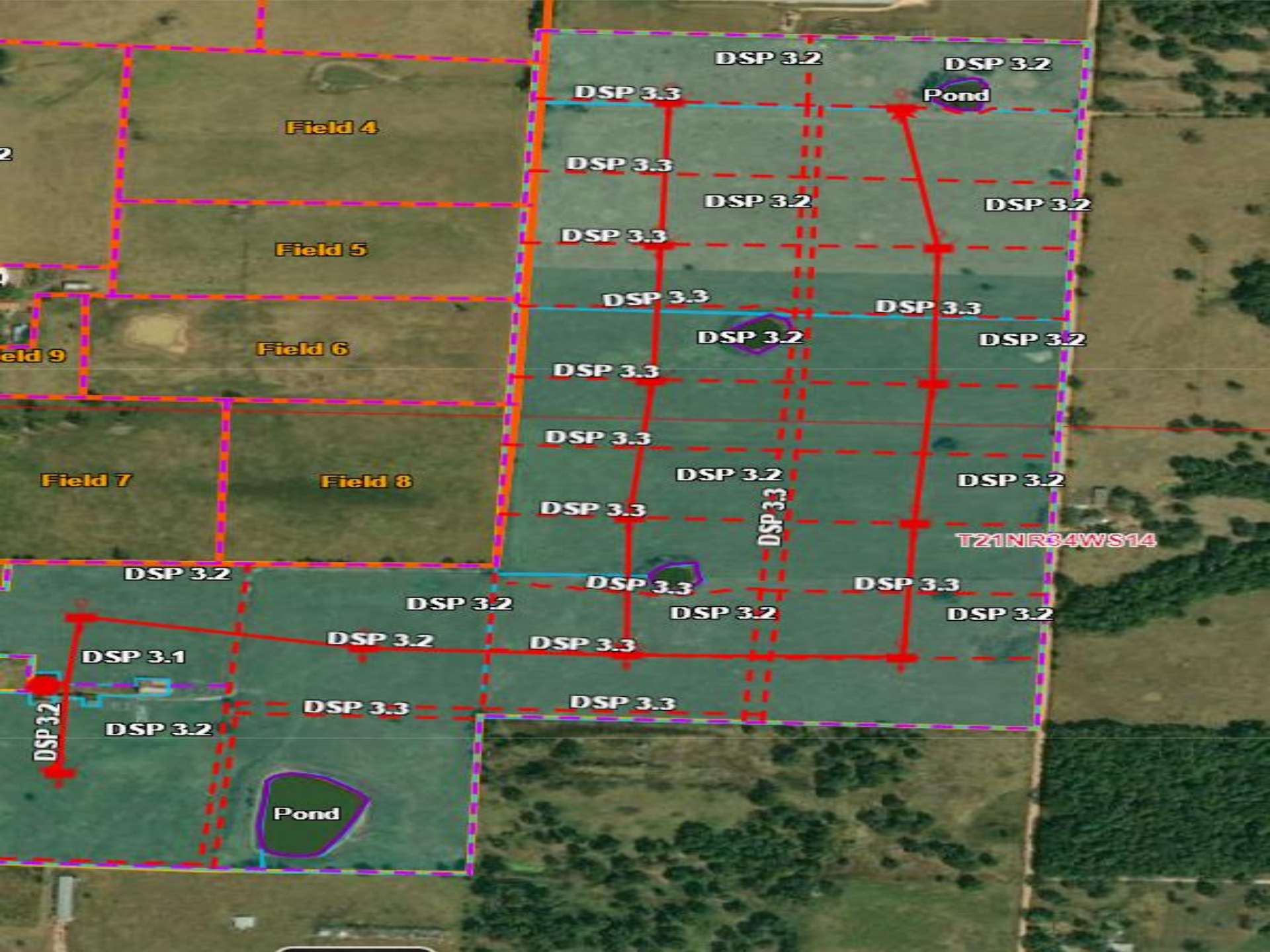

Soil & Water Conservation District App
Missouri Department of Natural Resources
Find address or place
T34NR27WS06
Field 1
Field 2
Field 3
Field 5
Field 7
Field 8
Field 9
Field 11
Field 12
Field 15
Field 6
DSP 3.2
DSP 3.3
DSP 3.1
DSP 3.3 Grazing Fence
Pond
Landowner Expense
T34NR27WS07
Layer List
Layers
Structure Points
Structure Lines
Structure Polygons
Field Number
Covercrop and Seeding
DSP 3.1 Grazing System Water Development
DSP 3.2 Grazing System Water Distribution
DSP 3.3 Grazing System Fence
DSP 3.4 Grazing System Lime
DSP 3.5 Grazing System Seed
N595 Pest Management
N590 Nutrient Management
System Acres
Farm Name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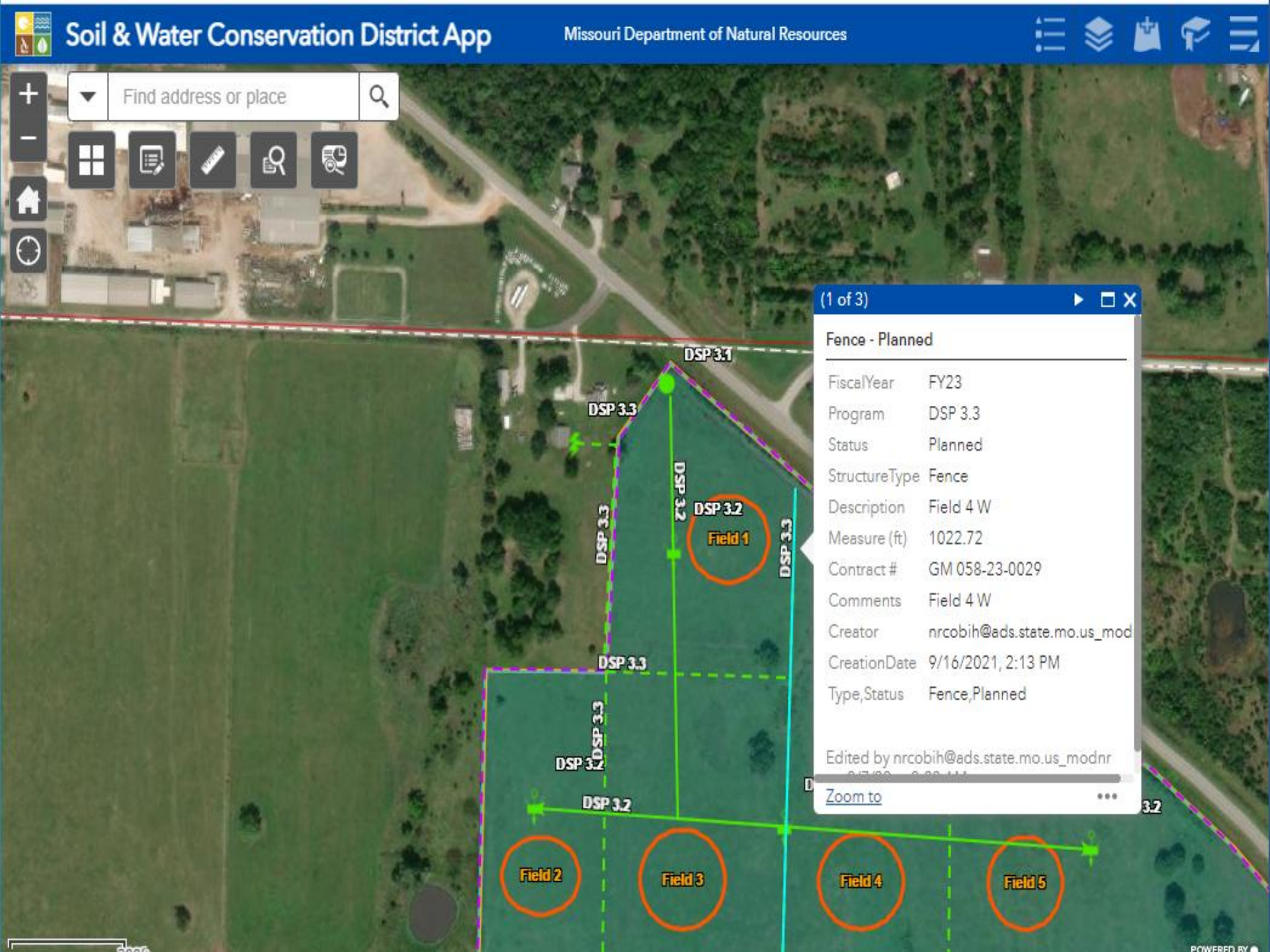
Field 5
Field 6
Field 7
Field 8
Pond
Pond
T21NR34WS14
DSP 3.1
DSP 3.2
DSP 3.3

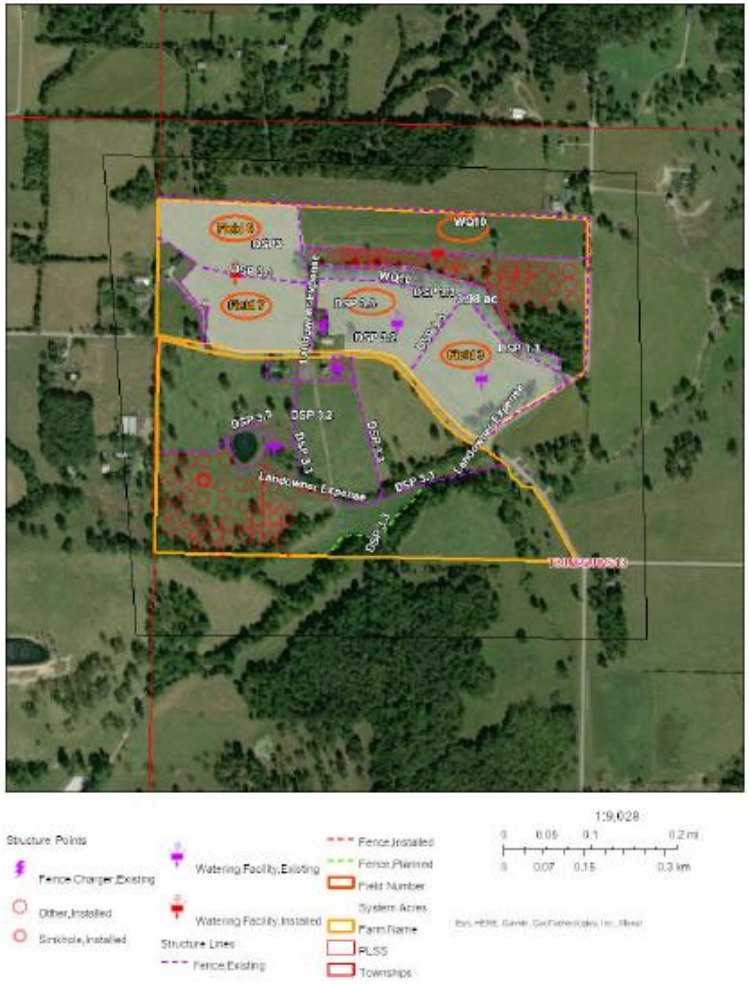

Soil & Water Conservation District App
Missouri Department of Natural Resources
Find address or place
(1 of 3)
Fence - Planned
FiscalYear FY23
Program DSP 3.3
Status Planned
StructureType Fence
Description Field 4 W
Measure (ft) 1022.72
Contract # GM 058-23-0029
Comments Field 4 W
Creator nrcobih@ads.state.mo.us_mod
CreationDate 9/16/2021, 2:13 PM
Type,Status Fence,Planned
Edited by nrcobih@ads.state.mo.us_modnr
Zoom to
DSP 3.1
DSP 3.3
DSP 3.2
Field 1
Field 2
Field 3
Field 4
Field 5

Soil and Water Conservation Report

Area of Interest (AOI) Information

Area : 209.46 acres

Oct 16 2022 21:21:34 Central Daylight Time



Summary

Name	Count	Area(acres)	Length(ft)
Structure Points	93	N/A	N/A
Structure Lines	22	N/A	20,922.22
Structure Polygons	0	0	N/A
Farm Name	2	116.61	N/A
System Acres	3	35.26	N/A
Field Number	5	4.03	N/A
Covercrop and Seeding	0	0	N/A
DSP 3.1 Grazing System Water Development	0	0	N/A
DSP 3.2 Grazing System Water Distribution	0	0	N/A
DSP 3.3 Grazing System Fence	0	0	N/A
DSP 3.4 Grazing System Lime	0	0	N/A
DSP 3.5 Grazing System Seed	0	0	N/A
N595 Pest Management	0	0	N/A
N590 Nutrient Management	0	0	N/A

Structure Points

#	Fiscal Year	Program	Status	Structure Type	Description
1	FY18	DSP3	Installed	Watering Facility	tire tank
2	FY18	WQ10	Installed	Watering Facility	tire tank
3	FY19	DSP 3.3	Existing	Fence Charger	*No Data*
4	*No Data*	DSP 3.2	Existing	Watering Facility	concrete tank
5	*No Data*	DSP 3.2	Existing	Watering Facility	2 hole
6	*No Data*	*No Data*	Installed	Sinkhole	*No Data*
7	FY19	DSP 3.3	Existing	Watering Facility	tire tank
8	FY21	*No Data*	Installed	Sinkhole	*No Data*
9	FY21	*No Data*	Installed	Other	*No Data*
10	*No Data*	*No Data*	Installed	Other	*No Data*

#	Contract #	Comments	Creator	Count
1	18-00001	*No Data*	josh.poynor	1
2	18-0000001	*No Data*	josh.poynor	1
3	*No Data*	*No Data*	josh.poynor	1
4	*No Data*	*No Data*	josh.poynor	1
5	*No Data*	*No Data*	josh.poynor	1
6	*No Data*	*No Data*	josh.poynor	1
7	*No Data*	*No Data*	josh.poynor	2
8	*No Data*	*No Data*	josh.poynor	2
9	*No Data*	*No Data*	josh.poynor	37
10	*No Data*	*No Data*	josh.poynor	46

Questions