



QUICK GUIDE Sensitive Areas Identification System

<http://sais.iwr.msu.edu/>

1. Create an account/Login
2. Locate field of interest
3. Draw field
4. Answer questions
5. Generate and save report

STEP 1: Create an Account/Login

- To create an account, open the SAIS Menu from the map header, select “Create Account” and enter required information
- If you already have an account, login from the map header



STEP 2: Locate Field of Interest

- Enter an address, intersection or coordinates into the map’s search bar
- Alternatively, pan and zoom directly on the map to locate the field

Find address or place

STEP 3: Draw Field

- Select the “Draw Field” button on the map
- Click around the boundaries of the field. Double-click to complete the drawing.

STEP 4: Answer Questions

- Answer a brief series of questions about the current management of the field
- Note: this step is optional. Completing the questionnaire will provide a more accurate report.

Is there subsurface drainage (tile drainage) in the area?	
<input type="radio"/> Yes	
<input type="radio"/> No	

STEP 5: Generate and Save Report

- After completing the questionnaire, the system will prompt you to provide a name for the report, specify save options, and then will automatically generate the report.
- If you did not complete the questionnaire, select the “Generate Report” button on the map to get started.
- Once the report is created, consider saving a PDF version or printing a hard-copy by selecting “Print Report”

	Michigan Sensitive Areas Identification System
Report Name: SAIS Report for Aug 03, 2016	
Print Version	
The Michigan Sensitive Areas Identification System has conducted an analysis of the field you selected. Results are based upon the field's physical characteristics (e.g., soils, slope) and any answers you provided in the questionnaire. It is recommended that you contact your local MSU Extension Office and federal person in charge for recommended practices presented by you in the report.	
Location Summary	
County Name: Calhoun Township and Range: T15 R1W Watershed Name: Wawasee Creek/Spring Lakes-Battle Creek	
Township Name: Pinckney Area: 40.5 acres	
Identified Risks	
Concentrated Flow, Water Erosion, Manure Runoff, Wind Erosion, Phosphorus Runoff	
Michigan Phosphorus Risk Assessment	
Assessment: Moderate	
Explanation: Risk of phosphorus leaving the field is HIGH. There is a HIGH potential risk of off-field phosphorus movement, and no manure or fertilizer phosphorus should be applied to the field (the exception is fertilizer phosphorus application when receiving a "High" soil test allowed under MSU Extension Bulletin C209, when stored phosphorus is applied to field (cont.).)	
Manure Application Risk Index	
Assessment: Moderate	
Explanation: Manure potential for manure movement from the field. The chance of organic material and nutrients getting to surface water is likely. Buffers, setbacks, lower manure rates, cover crops, crop residues, etc. in combination may reduce impact. These fields have limited potential for winter spreading and only a partial area of the field may be acceptable.	
Hydrologic Soil Groups Breakdown	
Assessment: Moderate	
Explanation: MSU has classified into hydrologic soil groups (HSGs) to indicate the minimum rate of infiltration obtained for bare soil after prolonged wetting. An "A" HSG indicates sand, loamy sand, or sandy loam. A "B" HSG indicates loam, clay loam, or loamy sand. A "C" HSG indicates sandy clay loam, clay loam, sandy clay, clay, or loam. A "D" HSG is a catch-all between the HSGs. This represents	

TIPS

Viewing Data Layers

Remember that you can access various layers such as concentrated flow or sediment delivery by opening up the Menu from the map's header.

Digitizing Tips

If you make a mistake while you are drawing a field, hit the “Esc” button on your keyboard to restart. If the field has already been drawn but needs adjustment, hit the “Clear Field” button, select “Draw Field” and re-draw the field.

Updating Answers for Saved Fields

You can quickly update answers for a saved field by clicking on the “Saved Reports” button on the map. Select “View Answers” for the field of interest and then select “Update Answers.” Adjust answers accordingly and save your changes. Note: you must be logged-in to see the “Saved Reports” button.

Mobile Use

SAIS is accessible on tablet and other mobile devices, so long as there is an internet connection. Digitizing using a tablet uses the “freehand” method. This means that you tap once on the screen and continue drawing your shape. The shape will automatically complete when you lift up off of the screen.

CONTACT

If you experience any bugs or technical errors using SAIS, please contact:

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If you have a general question about using SAIS or a suggested improvement, please contact:

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