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To: [Soil & Water Conservation Program](#); [DNR.Soil and Water Conservation Districts staff](#)
Cc: [DNR.SWC Staff](#)
Subject: DNR Mapping Tool Updates
Date: Monday, June 14, 2021 2:56:22 PM

Good afternoon,

As we have worked through several payments utilizing the DNR mapping tool, we identified some common errors that we want to address and ways to correct those issues. As well as keep you informed of recent updates and improvements made to the tool.

Contract Payment Documentation Issues

Cooperator name and locational data left off maps. Both of these are required for payment approval. The header at the top of the page on both the report and print screen map are editable and should be used to enter the information.

For FY 21, All payments utilizing the mapping tool to provide the documentation are required to attach the report that is generated from the program. Depending on the type of contract, number of features, size of farm and zoom level some report maps alone may not be enough to provide a clear map and show all needed attributes. In these situations a print screen map will need to be submitted with the report to provide clarity for payment, attach this map as supporting documentation. As was mentioned when the tool was released, the map and report from this tool will be required on all payments in FY 22.

Attached maps and reports are not legible. When attaching these documents it's recommended to save the PDF electronically to your computer and save that file to the contract rather than first printing the documents then scanning to your computer.

Field numbers are required to be entered on all maps using the field number polygon from the layer list. In some cases the outline of field number polygon is over the top of other attributes such as planned or existing fence and pipeline. In these situations it is recommended to not draw the polygon on the field boundary but rather draw the area where you want the label to show within the field. In most cases we are using either the DSP3 polygons or acres served polygon to match the contract for acres served not the individual paddock or field acreages.

The Contract number field is required for contract approval when needed and before all payments should be submitted for payment.

Many DSP 3.4 and 3.5 contracts submitted are not showing all the existing grazing features. This is a practice requirement that all planned and existing features must be shown on the map.

Boundary fences have not been drawn on maps when required. Existing fences will show when in the same location as the farm boundary and should be drawn on the map.

When submitting a contract where planning was done in another mapping program and approved with those acres and the acres in the new mapping program do not match exactly, place a note on the contract notes stating where the contract acres were generated from or the contract could be returned or questioned.

When adding data layers some districts have had trouble getting lines and polygons to load correctly. When this happens uncheck the box next to “Generalize features for web display” in the Add Data button.

System Updates

When loading the map, features are no longer visible until you zoom to the county level. This should improve the loading speed of the maps.

2020 imagery was recently added as well as older imagery to give historical context if necessary.

Length and acreage calculations that were completed each evening to show in the attribute table now calculate and populate immediately.

When existing ponds are present and need to be labeled as adequate or inadequate water sources. Use the comment field for the adequate or inadequate label. This label will then be present on the map.

New separate polygons for Pest Management and Nutrient Management are now available. Please discontinue the use of the system acre polygon and begin using these to show acres served for N590 and N595 contracts.

As a reminder effective July 1 all contracts including rollovers will need to use this mapping program for documentation.

If you are using Firefox as your internet browser, Chrome has been a noticeably faster option and once again Internet Explorer has been found to not be compatible with the program.

If you have any questions, please contact your coordinator.

Thank you,

Soil & Water Conservation Program

We'd like your feedback on the service you received from the Missouri Department of Natural Resources. Please consider taking a few minutes to complete the department's Customer Satisfaction Survey at <https://www.surveymonkey.com/r/MoDNRsurvey>. Thank you.

