

Bioreactors

- Added exception if no watersheds exist with > 10 acres of drainage in current field.

Controlled Drainage

- Added option to identify opportunities based on minimum acreage OR percent of field treated (default is set to a minimum acreage of 20 acres)

Distance To Stream:

- Added a “define projection” for output Distance To Stream raster (to account for UTM labeling differences associated with ArcGIS 10.3)

Grassed Waterways:

- Removed majority filtering of output (during conversion from raster to polyline)
- Simplified script to account for issues when running on laptops during depression consideration
- Changed minimum length from 100 meters to 50 meters

Riparian Denitrifying Practices:

- Added exception to account for null values in gSSURGO soils tables. A drainage class classification of “very poorly drained, poorly drained, somewhat poorly drained, or moderately well drained” is now used in place of “water table depth (April – June) < 100 cm”. Null values coded to -999999 in output riparian denitrifying table.

Update Edited Field Boundaries:

- Added test for an empty list of fields

Get NASS many:

- Bug fix; previous script failed to add the ‘isAG’ field to the output raster

All instance of CopyRaster – added an exception for 0 background values. Found in following tools:

- Depressions (1 instance)
- Distance To Stream (3 instances)
- Generate RAPs (3 instances)
- Height Above Channel (3 instances)
- Moore Terrain Derivatives (2 instances)
- Peuker Douglas (2 instances)
- Repair Flow Paths – Manual Cutter (3 instances)
- Stream Reach and Catchments (3 instances)
- WASCOB Watersheds (1 instance)