

The TMDL study area for South Metro Mississippi TMDL encompasses the entire municipality. Using the MPCA Simple Estimator tool, we entered land uses from the entire jurisdictional area to determine initial TSS loads. Then we added in current BMPs to evaluate the overall wasteload. The initial load was 147lb/ac/yr, and with existing BMPs entered, our final load was 118 lb/ac/yr.

The TMDL study area for Crow River TSS TMDL encompasses the entire municipality based on the MPCA shapefiles from the ShareBase. This leads to a WLA of .400 tons/day. Using the MPCA Simple Estimator tool, we entered land uses from the TMDL study area to determine an initial load of .677 tons/day . We then added in current BMPs including constructed basins implemented throughout multiple years and permit cycles, filter strips primarily along agricultural fields, and rain gardens in this study area to evaluate the overall waste load removal. Our final load was .390 tons/day after including BMPs, indicating that we are achieving the WLA.