

# Upper Fox and Wolf River Basins TMDL: Summary of Materials Posted for Stakeholder Review

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October 31, 2014

The Wisconsin Department of Natural Resources (WDNR), in collaboration with the United States Environmental Protection Agency (EPA), has initiated development of total maximum daily loads (TMDLs) for total phosphorus (TP) and total suspended solids (TSS) for surface waters located in the Upper Fox and Wolf River Basins (UFWB). To continue stakeholder engagement efforts, DNR has posted several files on the project website for public review and comment. These files describe the scope of the UFWB TMDL project and model input data compiled so far. Below is a description of the information posted and specific questions for reviewers.

**Please send responses to questions, other additional comments, and any supporting information or data by December 31, 2014 (and sooner if possible) via email to Keith Marquardt (UFWB TMDL project manager; [KeithA.Marquardt@wisconsin.gov](mailto:KeithA.Marquardt@wisconsin.gov)) and Kevin Kirsch (WDNR TMDL Coordinator; [Kevin.Kirsch@wisconsin.gov](mailto:Kevin.Kirsch@wisconsin.gov)).**

## **Subbasin and Subwatershed Boundaries**

*File Name: UFWB\_Map\_103114.pdf*

Description: A map of delineated Subbasins and Subwatersheds in the Upper Fox and Wolf River Basins. Subbasins are the main planning units for TMDL development. Subwatersheds are the units used for Soil & Water Assessment Tool (SWAT) watershed modeling. This map also displays the location of impaired waters and wastewater treatment facilities (see description below).

## **Impaired Waters and Numeric Water Quality Targets**

*File Name: UFWB\_SegmentList\_103114.pdf*

Description: A list of waters in the Upper Fox and Wolf River Basins that will have TMDLs developed as part of this project. Waters on this list are displayed in the Subbasin and Subwatershed map (*UFWB\_Map\_103114.pdf*).

## **Wastewater Treatment Facilities**

*File Name: UFWB\_PointSources\_103114.pdf*

Description: A list of facilities that will receive individual Wasteload Allocations (WLAs) for TP and/or TSS with facility information and discharge data for the years 1999-2013. Facility outfall locations are displayed in the Subbasin and Subwatershed map (*UFWB\_Map\_103114.pdf*).

Questions:

1. Are annual flows (MGD) and TP/TSS concentrations (mg/L) accurate for the years reported?
2. Are outfall locations accurate?
3. Are design flows accurate? If the design flow for your facility is blank, please provide the design flow.
4. Where is your facility in its design life?

### **Municipal Separate Storm Sewer Systems (MS4s)**

*File Name: UFWB\_MS4s\_103114.pdf*

Description: A list of Municipal Separate Storm Sewer Systems (MS4s) that will receive individual Wasteload Allocations (WLAs) for TP and/or TSS. Pages 2 through 5 contain maps displaying Minor Civil Division (MCD) boundaries for cities, towns, and villages with MS4s that will receive WLAs. MCD boundaries were acquired from the US Census Bureau (<https://www.census.gov/cgi-bin/geo/shapefiles2010/main>) and will be used to estimate TP and TSS loadings from MS4s as part of watershed modeling. Estimates of MS4 TP and TSS loads will focus on contributions from developed lands in the MCD that are within the UFWB boundary.

Questions:

1. Do MCD and UFWB boundaries approximately capture the extent of areas in your MS4 that drain to the Upper Fox and Wolf River Basins?
2. Please provide spatial data (shapefiles, etc.) or other information that defines your municipality's watershed. This data can be used to refine MS4 loading estimates.