

Data Sharing Plan

Types of Environmental Data and Information Created

The County will complete a large-scale habitat improvement and restoration project on Ulao Creek in the Milwaukee River Watershed in the Village and Town of Grafton. Proposed project activities include:

- (1) restoration of multiple stream stretches through a combination of channel re-meandering, improvement of lateral connectivity by connecting aquatic habitat to floodplain wetland with suitable hydroperiod (whenever possible), wetland creation and/or enhancement, invasive plant control, native plant restoration, installation of fish and wildlife habitat structures, and other project elements as applicable and suggested by the Milwaukee Estuary AOC Fish and Wildlife Technical Advisory Committee, including:
 - (a) design and engineering plans,
 - (b) hydraulic and hydrologic modeling data for the restored stream channel,
 - (c) GPS locations of the restored stream bed and any created wetland features for revision of hydroline files, etc.,
 - (d) GPS locations of tree and shrub plantings and native seeding areas, and
 - (e) GPS locations of habitat structures (e.g., logs and rootwads);
- (2) To the extent practical given project timelines, monitoring of fish and wildlife communities at project sites prior to and following construction. Fisheries monitoring will include larval trapping to detect natural reproduction and backpack electrofishing to determine:
 - (a) total catch per unit effort,
 - (b) target species catch per unit effort,
 - (c) native species richness, and
 - (d) Index of Biotic Integrity (IBI) for Wisconsin Intermittent Streams.

Where applicable, wildlife monitoring will replicate and bolster previously completed occurrence surveys in the watershed, including frog call surveys, reptile and amphibian trapping, bird point count, and breeding bird surveys.

Date by Which Data Will Be Shared

The County will share all information and data generated by project activities with grant personnel, project partners and other interested parties (e.g., Wisconsin Department of Natural Resources, Ulao Creek Partnership, Milwaukee Audubon Society, etc.) by the project completion date. Preliminary information will also be available upon request throughout the duration of the project.

Data/Metadata Format and Content

All data generated by the project will include metadata clearly identifying project lead, funding source, and project location. Monitoring data will be collected by qualified County staff and/or partners and will include GPS coordinates of each monitoring location, time and date, field conditions, species captured or observed, and any other relevant observations. Monitoring data will be collected in a format consistent with the Wisconsin Department of Natural Resources' Surface Water Integrated Monitoring System (SWIMS) to facilitate data entry and comparability. All project data will also be shared with the Milwaukee Metropolitan Sewerage District

(MMSD) and the United States Geological Survey (USGS) under terms of an existing Intergovernmental Cooperation Agreement with Ozaukee County.

Data Stewardship and Preservation

Field records, full size plan sets, monitoring reports and other hard copy documents will be scanned to PDF file format and stored in perpetuity along with any digital data on the Ozaukee County secured network server, which is backed up daily. All hard copy files will be retained in the Planning and Parks Department office at the Ozaukee County Administration Center located at 121 W. Main Street, Port Washington, WI 53074.

Access, Sharing, and Security

Hard copy and digital files will be retained as stated above and accessible to County staff at all times. Files will be shared with project partners and other interested parties at project conclusion and upon request.

Prior Experience

The County has met significant data collection, retention, and sharing requirements for recent NOAA, USEPA, WDNR, and Wisconsin Coastal Management Program grants, including retention of hard copy/digital files and dissemination of preliminary and final project results. The project team is fully versed in the development and retention of engineering and design plans for large-scale projects, as well as collecting, entering and analyzing a wide suite of monitoring data.