

Sewer and Water Support Document

A Comprehensive Plan for Washtenaw County

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Actors (Sewer and Water Service Providers)

- **City of Ann Arbor**
(also provides service to Ann Arbor, Superior, Scio and Pittsfield Townships)
- **Ypsilanti Community Utilities Authority (YUCA)**
(also provides service to Augusta, Pittsfield and Superior Townships and Western Wayne Counties)
- **City of Milan**
(also provides sewer service to York Township for the Hamlet of Mooreville).
- **City of Saline**
- **City of Chelsea**
- **Village of Dexter**
- **Village of Manchester**
- **Sylvan Township Water and Sewer Authority**
(includes Sylvan, Lima, and Lyndon Townships)
- **Multi-Lakes Water and Sewer Authority**
(includes Dexter and Lyndon Townships, and parts of Livingston County)
- **Portage/Baseline Lake Water and Sewer Authority**
(includes Dexter and Webster Townships and parts of Livingston County)
- **Loch-Alpine**
(provides water and sewer for the Loch-Alpine subdivision located in portions of southern Webster Township and northern Scio Township)
- **Other Small Service Providers**

Financing Programs

Clean Michigan Initiative (CMI)

This funding includes various statewide environmental cleanup, pollution prevention and redevelopment projects. The Michigan Department of Environmental Quality Administers this program. (Source: MDEQ website, www.michigan.gov)

Drinking Water Revolving Fund, Michigan Department of Environmental Quality (MDEQ)

Michigan's Drinking Water Revolving Fund (DWRF) program is designed to assist water suppliers in satisfying the requirements of the Safe Drinking Water Act by offering low interest loans to eligible water suppliers. (Source: MDEQ website, www.michigan.gov)

Michigan Groundwater Discharge Program

The Groundwater Program regulates discharge to groundwater under Part 31, Water Resources Protection, of the Natural Resources and Environmental Protection Act, 1994 PA 451 and Part 22 Rules. This program is administered by the Michigan Department of Environmental Quality. (Source: MDEQ website, www.michigan.gov).

Municipal Revenue and General Obligation Bonds

Local governments can use bonds to finance public infrastructure projects. These bonds can be paid back by the local government by user fees, or by the general obligation of the local governments.

National Pollutant Discharge Elimination System (NPDES)

The Federal Water Pollution Control Act amendments of 1972. The purpose of the program is to control the discharge of pollutants into surface waters by imposing effluent limitations to protect the environment. Public wastewater systems that discharge into a watercourse must receive an NPDES permit in order to operate the system. The Michigan Department of Environmental Quality administers this permit program in the State of Michigan. (Source: MDEQ website, www.michigan.gov)

Rural Development Program, US Department of Agriculture (USDA), and Water and Environmental Program (WEP)

Provides loans, grants and loan guarantees for drinking water, sanitary sewer, solid waste and storm drainage facilities in rural areas and cities and towns of 10,000 or less. Public bodies, non-profit organizations and recognized Indian tribes may qualify for assistance. Assistance may be dependent on income levels of the benefiting individuals. WEP also makes grants to nonprofit organizations to provide technical assistance and training to assist rural communities with their water, wastewater and solid waste problems. (Source: USDA website, www.usda.gov)

State Revolving Fund, Michigan Department of Environmental Quality (MDEQ)

Michigan's Water Pollution Control Revolving Fund, better known as the State Revolving Fund (SRF), is a low interest loan financing program that assists qualified local municipalities with the construction of needed water pollution control facilities. Michigan enacted 1988 PA 317, The Clean Water Assistance Act, to establish the SRF which is now codified as Part 53, 1994 PA 451, of the Natural Resources and Environmental Protection Act. (Source: MDEQ website, www.michigan.gov)

Financing Programs

Washtenaw County Department of Environmental Health Regulations (WCDEH)

Washtenaw County administers permits for individual wells, individual septic systems, as well as smaller community systems. The Department also administers the Onsite Water and Sewage Disposal System (OWSDS) Inspection at Time of Property Transfer Program.

Washtenaw County Full, Faith, and Credit

Local communities can apply to Washtenaw County to utilize the County's full faith and credit for purchasing bonds for public infrastructure projects. Local communities are usually able to more effectively finance major infrastructure projects utilizing this financing method. These applications are managed through the Washtenaw County Board of Public Works with review by various other County agencies. (Source: Washtenaw County Public Works Division, Department of Planning and Environment).

Definitions

Effluent is the treated liquid residue from a waste-water treatment plant.

Small Community Systems are small, waste-water treatment facilities usually serving small developments, partially or completely preassembled by a manufacturer.

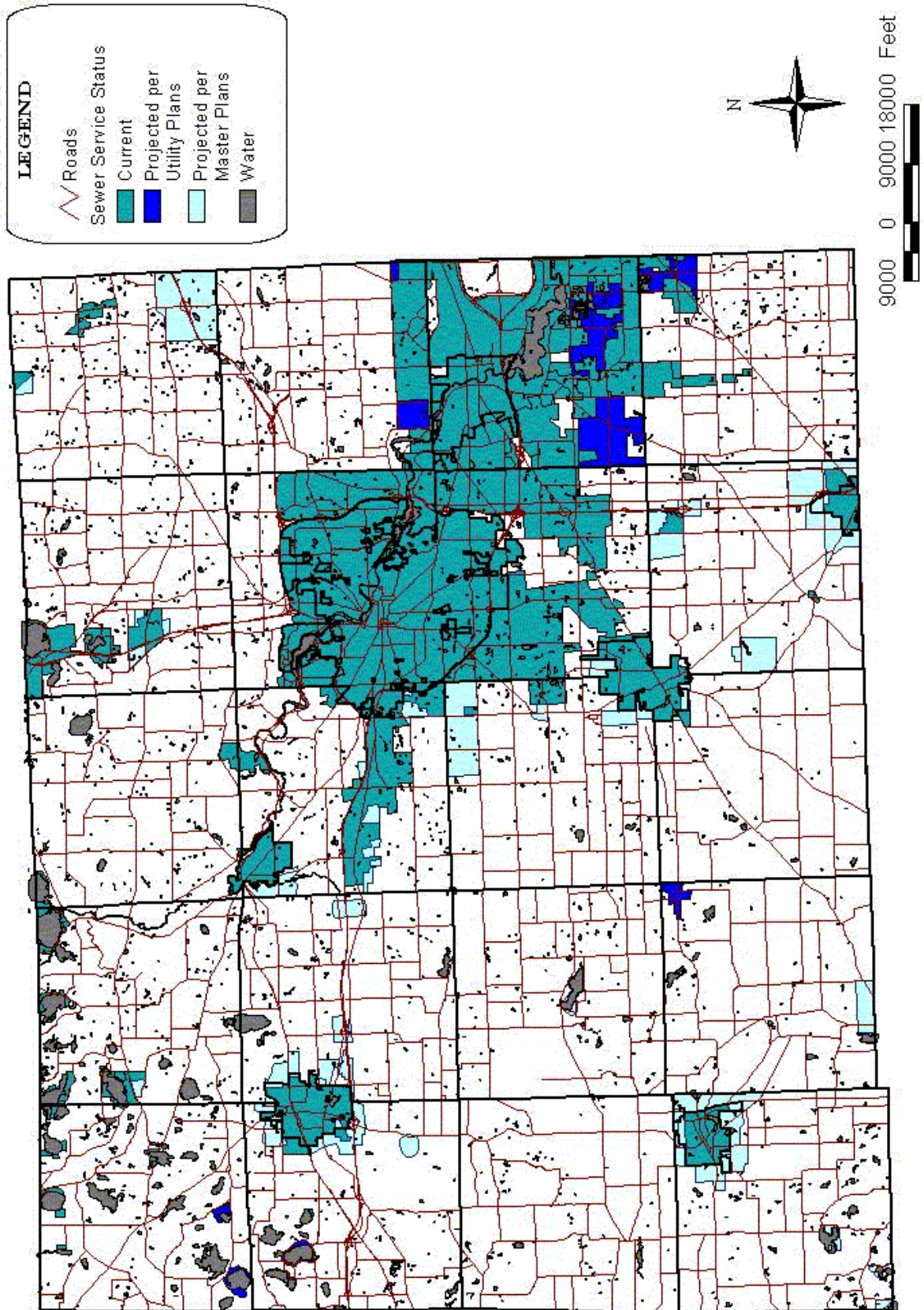
Infiltration and Inflow is unwanted clean water that finds its way into sewer systems through leaking pipes or inappropriate connections of roof and foundation drains.

Adequate Provision of Public Facilities Ordinances are ordinances requiring the public facilities which are necessary to serve a newly developing area be in place before the development occurs.

Critical Pollutant Loading is a level of a pollutant in a watershed that exceeds the total maximum daily amount identified by national standards.

Sewered Areas in Washtenaw County, Current and Future

Sewered Areas in Washtenaw County, Current and Future



Resources

CH2NHILL, *Detroit Water and Sewer Department Comprehensive Water Master Plan*, Detroit Water and Sewer Department, April 11, 2002.

McNamee, Porter & Seeley, Inc., *Ypsilanti Communities Utilities Authority Sanitary Sewer Master Plan*, Ypsilanti Communities Utilities Authority, October 1999.

Michigan Department of Environmental Quality website: www.michigan.gov

Orchard, Hiltz and McClimment, Inc., *The YCUA Water System Master Plan*, Ypsilanti Community Utilities Authority, October 15, 1999

Orchard, Hiltz and McCliement, Inc, *Waster Master Plan.*, Scio Township, MI, April 15, 2002.

U.S. Department of Agriculture, Rural Development website: www.usda.gov