



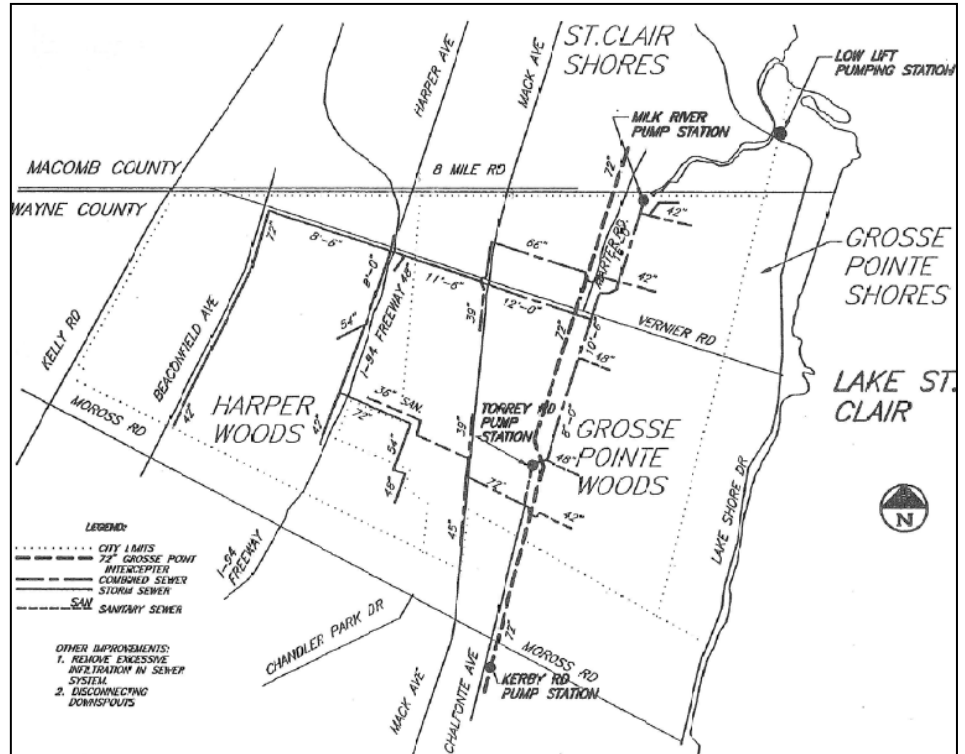
Warren C. Evans  
Wayne County Executive

## Wayne County Department of Public Services Milk River Intercounty Drain Drainage District Priority 1B and Select Improvements

November 22, 2016

### *What is the Milk River Intercounty Drain Drainage District?*

The Milk River Intercounty Drain Drainage District (MRIDDD) was established in 1908 under the Michigan Drain Code. MRIDDD facilities accept storm drainage from the Cities of Harper Woods and St. Clair Shores and combined sewage from the City of Grosse Pointe Woods. Enclosed drains transport these storm water and combined sewage flows to the Milk River Retention Treatment Basin (RTB) facility where it is pumped into Wayne County's Northeast Sewage Disposal System. During wet weather events, flows may be pumped into the RTB for storage. If the capacity of the RTB is exceeded during major wet weather events, flows are screened, settled, skimmed, and disinfected before being discharged into the Milk



River. A recirculation facility is also utilized to seasonally pump lake water from Lake St. Clair to the outfall of the Milk River RTB to increase dissolved oxygen levels in the river. MRIDDD facilities are operated by Wayne County. The MRIDDD is managed by the MRIDDD Drainage Board established under Chapter 21 of the Michigan Drain Code. The Drainage Board is chaired by the director of the Michigan Department of Agriculture and Rural Development or his or her designee. Other current Drainage Board members include the Macomb County Drain Commissioner and Wayne County Drain Commissioner, or their designees, and appointees of the City of St. Clair Shores and City of Harper Woods/Grosse Pointe Woods.

### *Why are improvements to the MRIDDD facilities needed?*

Major improvements to the current facilities were last made nearly 20 years ago in the early 1990s, and much of the equipment has now reached the end of its useful life. In 2009, Wayne County prepared a Project Plan and submitted it to the Michigan Department of Environmental Quality (MDEQ) in order to qualify for a low interest State Revolving Fund loan to finance needed improvements to the Milk River facilities. In March 2011, MDEQ issued an Enforcement Notice (EN-000114) to the MRIDDD. An Administrative Consent Order (ACO-000114) was executed with the MDEQ on February 7, 2014 and mandates the planned improvements to the MRIDDD facilities that were included in the June 28, 2012 Supplement No. 2 Project Plan.



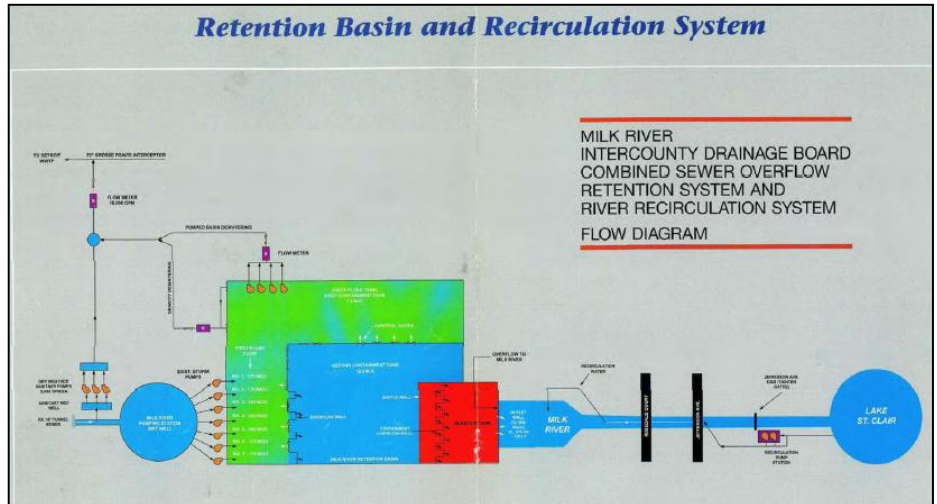
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### *What improvements will be made at the Milk River Intercounty Drain Drainage District facilities?*

- ✓ Upgrade the flushing system,
- ✓ Rebuild storm pumps and motors,
- ✓ Upgrade the dewatering pump,
- ✓ Improve the disinfection pumping system,
- ✓ Rebuild flushing and groundwater pumps,
- ✓ Modify valving and piping for dewatering pumps,
- ✓ Isolate the sanitary pump wet well with a sluice gate,
- ✓ Upgrade the electrical and lighting systems,
- ✓ Repair the buildings architectural and structural components including replacement of the elevator,
- ✓ Repair and upgrade the aeration system,
- ✓ Upgrade the river recirculation system, and
- ✓ Upgrade the Supervisory Control and Data Acquisition (SCADA) system.



The Priority 1B improvements to the MRIDDD facilities will allow the District to continue to provide efficient transport of combined sewage to system customers during normal conditions and to effectively treat combined sewage overflows for the MRIDDD into the future.

### *Will the Priority 1B Improvements affect me during construction?*

Construction began in November 2016 and will last approximately 3 years. The MRIDDD facilities will remain operational during construction. With the improvements taking place within the existing facilities, it is expected that the public will be minimally affected during construction.

### *How is the project going to be funded?*

The MRIDDD obtained a low interest State Revolving Fund loan to finance this \$38.8 million project. A Stormwater, Asset Management, and Wastewater (SAW) Grant in the amount of \$1,575,534 was obtained to help offset the cost and it is expected that Green Project Reserve (GPR) funding in the amount of \$100,000 will also be obtained, to further offset the project cost borne by system customers.

**Contact Us!!** If you have questions about work to improve the Milk River Intercounty Drain Drainage District facilities, please contact Mr. Greg Tupancy, Wayne County Project Manager at [gtupancy@waynecounty.com](mailto:gtupancy@waynecounty.com) or 313-224-7558.