Thank You for supporting your 5-S Inductee’s

91th Annual Conference
Boyne Mountain- 2016
Presentation Represents 21 Projects and a significant dollar investment - $85,657,000 to improve Clean Water for the citizen of Michigan
News From the Field

Black & Veatch
Fishbeck, Thompson, Carr & Huber
Materials Testing Consultants

MWEA
2016 Annual Conference
Lower Grand River Watershed

What is a Watershed?

A watershed is an area of land where all the precipitation that drains off of it flows to a single stream, set of streams, or body of water. For example, the total area drained by the Lower Grand River constitutes its watershed. Watersheds cross county, state, and national boundaries. No matter where you are, you live in a watershed!

Combined Sewer Overflow (CSO) volumes have been reduced 98%

The City of Grand Rapids continues as the leader among large Michigan communities in eliminating CSOs to rivers and streams. Sewer overflow volumes from the City have been cut by 98% from historic levels. Of the 59 original CSO locations, only 5 are left to be eliminated. Upon completion in 2019, an estimated $310M will have been invested by the City in this effort.

Environmental Services Department

Storm Water Quality Improvements

For more information, contact City of Grand Rapids

Mike Lunn
Environmental Services
Department Manager
mlunn@gocity.us
(616) 456-3625

Source: MDNRE
Grand Rapids Completes CSO Elimination Program

• The last sewage overflow point was eliminated in Grand Rapids in July, which completed a $400 million and 27 year investment to eliminate sewer overflows to the Grand River.

Projects over the past year also included:
• 4 individual contracts worth over $15.8 Million
• Sanitary sewer replacement from 8”- 30”, storm sewer installation from 12” – 72”, water mains from 4”-30”
• Rebuilding road surfaces with bituminous asphalt as well as concrete pavement and porous asphalt.
• New concrete sidewalks, driveway approaches and curb and gutter.
• Green infrastructure items including infiltration basins, porous pavement, bike facilities, underground infiltration/filtration basin, and hydrodynamic separators.
Green Infrastructure Completed This Year

- Completed the design and construction of an underground storm water treatment facility of approx. 97,000 cu. ft. in city owned park.
- Approx. 72 infiltration basins installed in place of typical catch basins.
- Approx. 1700 sq. yds. of porous asphalt was placed.
- Approx. 132 new trees were planted.
- Approx. 2.5 miles of new bike facilities were installed.
Engineer: Black & Veatch, Fishbeck, Thompson, Carr & Huber, Materials Testing Consultants
Client: City of Grand Rapids
Contractors: Schipper’s Excavating, Wyoming Excavators, Nagel Construction, and Kamminga and Roodvoets
News From the Field

Hubbell, Roth & Clark
Wayne County Downriver WWTF
Solids Complex Renovation Project (DR-6)
Wayne County Downriver WTF Secondary and Headworks System Renovations
Flint Water Pollution Control Facility
Solids Loading Facility
City of Warren
Final Clarifier Improvements
DTE Energy
Trenton Channel Power Plant
Bottom Ash Dewatering Facility
North Evergreen Interceptor Stonycroft Relief Sewer Project
North Evergreen Interceptor
Wattles Road Linear Storage Project
News From the Field

Moore & Bruggink
Zeeland CWP Expansion
January – June 2016
Zeeland CWP Expansion
Grandville CWP Walkways
Grandville CWP Walkways
Grandville CWP Walkways
Delta Twp WWTP Improvements
Delta Twp WWTP Improvements
Delta Twp WWTP
Improvements
Charlotte WWTP UV
Charlotte WWTP UV
News From the Field

FLEIS & VANDENBRINK
City of Hillsdale BPU
2015 Wastewater System Improvements
St. Clair County DPW
Algonac WWTP Improvements
Village of Quincy – Wastewater Treatment & Lift Station Improvements
Village of Saranac WWTF
Influent Pump Station Improvements
City of Dowagiac
2015 WWTP Improvements
City of Big Rapids Wastewater System
Improvements- WWTP Screen Replacement
Tertiary Filter, UV Disinfection, and Effluent Discharge
East Lansing Water Resource Recovery Facility

Engineer: Tetra Tech • 517.316.3940 • www.tetratech.com
Contractor: Grand River Construction

New UV Building Addition
New Tertiary Filter Equipment
North Secondary Flow Distribution Improvements
Grand Rapids Water Resource Recovery Facility

Engineer: Tetra Tech • 517.316.3940 • www.tetratech.com
Contractor: L.D. Dosca Company
THANK YOU