

Growing Our McMAHON Family

McMAHON is pleased to announce the addition of several new employees, as well as a group of summer interns that will be helping us out.



Garek Holley
Environmental Scientist/
GIS Technician



Shawn Jandrey
Stormwater Engineer



Nic Knorr
Plumbing Designer



TJ Lamers
IPR Project Manager



Maxwell Lesatz
Structural Designer



Scott Manteuffel
Construction Services



Jeff Swanson
Architectural Design



Courtney Williams
Architectural Design

- Summer Interns -

NEENAH	VALPARAISO
Garrett Fosdick	Blaine Howell
Chloe Haskins	
Erin Jones-Phiscator	
Rebecca Nicholson	
Joseph Reznar	
Matthew Vander Velden	
Taylor Woolz	



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From the President...

As the Spring turns to Summer, the McMAHON Group of Companies is continuing to go thru some unprecedented changes. We continue to grow and add staff, and the search for new, talented professionals is getting tougher all the time. It is definitely a sellers' market for qualified professionals. Our benefits package has been a plus for years, and that, along with the long-term track record of McMAHON stability, has led to our being able to hire some of the best talent available.

All business management professionals know that growth can be good, but it must be managed in order that the culture of the firm not be lost in the process. Personally, this is something I work on daily and I recognize the importance of not letting success turn the firm's values into a thing of the past. This won't happen here.

Also, as I mentioned previously, we are rolling out the latest segment of the McMAHON Group of Companies, Integrated Public Resources (IPR) on June 1, 2015. This is particularly timely, knowing that financing restrictions have made it difficult for communities to move forward and bring needed infrastructure upgrades to their constituents. We are anxious to work with you and find a unique solution to these concerns.

We have surrounded ourselves with some serious professionals to help get this venture started. You will see much more of our Public-Private Partnership effort in the very near future.

Enjoy this terrific weather and we look forward to maintaining our long-term relationship with each of you.

Denny Lamers

Feeding America Eastern Wisconsin Breaks Ground On New Northeast Wisconsin Food Bank

One in nine people in northeast Wisconsin faces hunger. On May 7th, Feeding America Eastern Wisconsin broke ground on a new 40,000 square-foot Northeast Wisconsin Food Bank at its new home in Little Chute. This new facility will provide increased service to 200 partner hunger relief programs, paving the way for more collaborative solutions to hunger in the region. The Food Bank will provide expanded space and storage capabilities to increase efficiency.

Feeding America Eastern Wisconsin

377,000 people in eastern Wisconsin rely on food supplied by Feeding America Eastern Wisconsin each year. The food bank is the largest, private, nonprofit distributor of food in the state and distributes more than 22 million pounds of food annually to more than 500 food pantries, meal programs and shelters throughout eastern Wisconsin.



Central Storage Facility Reaching New Heights

Since 2007, Central Brown County Water Authority (CBCWA) has purchased water from the City of Manitowoc and Manitowoc Public Utilities (MPU) and delivers that water, at an average rate of 8-10 mgd, to roughly 75,000 users in six communities. Member communities include City of DePere, Villages of Allouez, Bellevue and Howard, and Towns of Lawrence and Ledgeview.

The 75-mile pipeline that delivers water to the six communities is a closed pipe system and is subject to hydraulic surges and stresses. Zero pressure conditions can also result during a power outage at MPU. Additionally, with the current closed pipeline configuration, energy costs are excessive during times of peak water demand, and in fact, projected Peak Hour Demand exceeds the capacity of the pipeline at the MPU Finished Water Pump Station. Finally, there is no emergency reserve storage in the CBCWA system...member communities rely on their own storage and limited supply capabilities when the CBCWA system fails, with a very short time-frame to put them into service if there is a problem on the supply pipeline.

To address these issues, design began on a Central Storage Facility that will provide 11.75 million gallons of backup storage. This new storage will give member communities ample time to engage their own water supply in the event of a pipeline emergency; will reduce hydraulic problems in the pipeline; and will allow the MPU system to operate at a steady pumping rate.

Two prestressed concrete tanks are currently under construction at the top of the hill in the Town of Ledgeview.

A 3.75 mg standpipe tank, 80' diameter, 100' tall (this will be the tallest prestressed concrete tank in the USA) will have 26 precast wall panels and 24 concrete roof panels. Each wall panel weighs 95,000 pounds and requires a 300 ton crane to set them in place. 295 miles of high tensile reinforcing wire will be used to wrap and pre-stress the tank once it is erected. 505 CY of shotcrete will complete the tank exterior. This tank will provide backup water to Ledgeview and Bellevue, since they, also, are on top of the hill.



An 8.0 mg ground storage tank, 166' diameter, 50' tall will have 41 wall panels and 120 roof panels. There are no interior supports to hold up the tank roof. 332 miles of wire will wrap this tank. Tension on the wires will be 140,000 psi. This tank will provide backup water to the remaining four member communities. In addition, a booster pump station provides additional emergency supply to Ledgeview and Bellevue.

Construction began in the summer of 2014 and startup scheduled for November, 2015.



Environmental/Ecological Services Group: On The Boards

2015 looks to be an extremely busy year for the Environmental/Ecological Services division of McMAHON. These are just a few of the many projects they are working on:

- Heritage Hill Stormwater Pond, Prairie and Aquatic Plant Establishment. ALLOUEZ, WI
- Ariens Company - 11 acre Prairie Oak Savanna Establishment along 1.5 mile Mike Ariens Recreational Trail. BRILLION, WI
- Speedway Stormwater Pond, Prairie Rehabilitation. TOWN OF BUCHANAN, WI
- Jennerjohn Stormwater Pond, Prairie and Aquatic Plant Establishment. GREENVILLE, WI
- 5 Stormwater Ponds, Prairie and Aquatic Plant Establishment. GREEN BAY, WI
- Cottages of Woodside Green, Wetland Delineation Project. NEENAH, WI
- Lakeview Stormwater Pond, Prairie and Aquatic Plant Management. VILLAGE OF HARRISON, WI
- Swinkles Excavating and Trucking, Wetland Delineation Project. FREEDOM, WI
- Garners Creek Stormwater Utility, Emerald Pond, Prairie and Aquatic Plant Establishment. VILLAGE OF HARRISON, WI
- Garners Creek Stormwater Utility, Noe Road Stormwater Pond, Prairie and Aquatic Plant Management. VILLAGE OF HARRISON, WI
- Horseshoe Stormwater Pond, Prairie and Aquatic Plant Management. KAUKAUNA, WI
- O'Hauser Park, Prairie Management. TOWN OF MENASHA, WI
- Dewey Street Pond, Prairie and Aquatic Plant Establishment. MANITOWOC, WI
- Wanick Park Stormwater Pond, Prairie and Aquatic Plant Establishment. SHERWOOD, WI

Wetland Mitigation Bank Construction and Management

SHAWANO COUNTY HIGHWAY DEPARTMENT

McMAHON designed a 20-acre Wetland Mitigation Bank for the Shawano County Highway Department to be used to compensate for unavoidable wetland fill activity during current and future county and town road projects. The wetland community types established include



11-acres of Hardwood/Conifer Forest, 6 acres of Wet Meadow, 2 acres of Shallow Marsh and 1 acre of Shrub-Carr. The project was successfully constructed in 2014. McMAHON will be monitoring and managing the vegetation over the next several years as it develops in order to meet hydrology and vegetative performance standards. The Bank will meet the Shawano County Highway Department's wetland mitigation needs for the next 15 years at a substantially reduced cost compared to purchasing wetland mitigation bank credits.

This Month's Q&A

Q: Are there any solutions for a community that needs infrastructure upgrades but is struggling with certain financing restrictions?

A: Yes. Public Private Partnerships (P3) are becoming a more popular way of bringing necessary infrastructure projects to communities. An example of that would be leveraging an existing asset to finance a part of, or an entire infrastructure project. P3s are not limited to this project delivery model.

To learn more about P3s, contact TJ Lamers at tlamers@mcmgrp.com or 920.751.4200



COMMUNITY CONNECTION

McMAHON is proud to support programs and events that help individuals and organizations make our communities a better and more enjoyable place to live. Some recent sponsorships and contributions made by McMAHON include:

- Appleton Education Foundation 2015 Knowledge Open
- Badger Sports Park - Kart Sponsor
- Brillion - Adopt A Flower Basket Pgm.
- Children's Hospital - Light Display
- Children's Hospital - Celebrity Golf Outing
- Erwin Cottrell Memorial Golf Classic
- FORE! Our Kids Golf Outing
- Fox Valley Technical College – Golf Outing
- Future Neenah
- Give Forward
- Grand Chute - Baseball Sponsor
- Town of Hebron - Hebron Block Party
- Heritage Foundation
- Holy Cross - Men's Open Basketball Tourn.
- Homeless Connections - Benefit Gala
- Jefferson Elementary - Color Run
- Kaukauna Rec. Dept. - Adult Softball
- Larry's Markets, Inc. - Pig-To-Pig Walk
- Lawrence University - Corporate Partnership Program
- Leaven
- Make-A-Wish Foundation Golf for Wishes - Magic Sponsor
- Town of Menasha Park & Rec Family Entertainment Series
- Town of Menasha Police Department Summer Safety Night
- Milwaukee Rescue Mission
- Neenah Baseball, Inc. - Junior Little League
- Polar Plunge for Special Olympics
- Quarry Quest
- Rebuilding Together Fox Valley Cuisine for a Cause
- SOAR Fox Cities, Inc. - Glow Run
- Touch of Silver Twirling Corp Worlds Fundraiser - Night of Bond
- Winnebago County Heroin Task Force re:Th!nk Addiction Run
- Wolf River Marine Bayou Bash XII Fireworks
- WRWA - Sportsman's Raffle



Featured McMAHON Client: Medaryville, Indiana

The Town of Medaryville is a small, rural community of over 600 residents located in Northwestern Pulaski County, Indiana. Laid out in 1852, just ahead of the construction of the New Albany and Salem Railroad, the town was sited at the intersection of the railroad and the old Rensselaer to Winamac Road, used by settlers to travel to the Land Office in Winamac to record their claims.

Medaryville sits at the irregular intersection of two major landforms. The northern edge of what was called the Grand Prairie, lies south of the town, and the huge swampy outwash plains of the Greater Kankakee River basin are to the north and west. Just west of town once existed a vast "Impassable Swamp" which was known to the earliest European explorers of the continent. It was drained as part of the "Swamplands Reclamation Act" projects of the 1850s, resulting in the disappearance of virtually all of the once-imposing swamps. Before the areas were drained, the temperate swamps supported an unimaginable variety of flora and fauna. Pioneer accounts relate an abundance of game of every type, and many local residents made their living by hunting and trapping in the early settlement days.

At the turn of the century, B. J. Gifford's ambitious agricultural enterprise, known locally as the Gifford Marsh, and his railroad, The Chicago and Wabash Valley, lay west of town. From the 1930s to about 1980 William Gehring grew vegetables on much of the old Gifford land. The proximity of the potato fields led to Medaryville's longstanding nickname "Tatertown." Annually, the town holds a festival known as the Potato Fest, in honor of this facet of its history.

McMAHON has provided services to the town for 24 years, mostly in the form of community infrastructure projects. McMAHON helped obtain funding and designed the Town's first municipal wastewater collection and treatment works in the early and mid 90's, followed by a completely new water supply, treatment and distribution network to replace an aged system. Currently, we have assisted the Town in obtaining a \$450,000 grant to help fund a solar powered biodome treatment addition to their existing facility to address changing discharge permit requirements. This project is expected to begin construction this June, with completion by the end of the year. It will be the first of its type in the state of Indiana.

Contact Us!

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