Overview

WRRF Grant Status
Water Resource Utility of the Future Program
MWEA / EGLE WRRF Recognition Program
Effective Utility Management Workshop
WRRF Grant Next Steps
MWEA’s WRRF Committee
Call to Action
WRRF Grant Status
All tasks started

One remaining task to complete

Case Studies
Work Product
Completed to Date

Michigan WEA Website
http://www.mi-wea.org/wrrf_grant.php
Water Resources Utility of the Future Today Program
New Business Model

Transform the traditional wastewater treatment system to a community-based resource recovery center and leader in the overall sustainability and resilience of the communities they serve.
The Utility of the Future Today
Recognition

Joint recognition program designed to recognize those who have achieved the goals of the new business model
UOTF Today 2016 recipient

City of Grand Rapids WRRF
UOTF Today 2018 recipients

Benton Harbor-St. Joseph Joint Wastewater Treatment Plant

City of Grandville Clean Water Plant
UOTF Today 2018 recipients

City of Detroit
Water and Sewerage Department

Great Lakes Water Authority
MWEA / EGLE
WRRF
Recognition
Program
Michigan PUMP Award

- Recognizes efforts taken by MI WRRFs
- Joint EGLE & MWEA recognition
- Self Nomination
- Everyone meeting the criteria will be recognized
First Awards were given at WWAdCon 2019

Videos made of the plants are available on MWEA’s website
PUMP Award Criteria

- Municipal utilities that have practiced two or more of the Effective Utility Management Attributes
- First application will allow for past projects to be recognized
- Application on the MWEA website
- Submit by September 1, 2019
EUM Attributes

- Product Quality
- Financial Viability
- Infrastructure Stability
- Employee and Leadership Development
- Operational Optimization
- Customer Satisfaction
- Operational Resiliency
- Water Resource Adequacy
- Stakeholder Understanding and Support
- Community Sustainability

https://www.watereum.org/resources/interactive-primer/ten-attributes/
Effective Utility Management Workshop
Collaborating Organizations
Effective Utility Management

Practices Developed to Address

• Rising costs
• Aging infrastructure
• Increasingly stringent regulatory requirements
• Population growth
• A rapidly changing workforce
Water EUM – 2019 Workshop
Water EUM – 2019 Workshop

Conducted on June 6, 2019
WRRF Grant

Next Steps
WRRF Academy

• There are many exciting developments in our profession occurring throughout the country.
• It is not possible to bring the change agents to these activities and forums, so the goal is to bring the experts to Michigan.
• A combination of a “capstone” event followed by distance learning
• EGLE is offering grants to develop the training materials.
Community Outreach
Communicating Water’s Story

Goal: To conduct a workshop with our marketing firm, lobbyist, and MWEA Members

Purpose: To discuss communication with local community officials, news agencies, elected officials, state legislature, etc.
Organizational Culture

Goal: A workshop to focus on internal organization

Purpose: Topics to include:
- Employee Recruitment
- Employee Retention
- Employee Development
Effective Utility Management

Goal: Continue EUM Workshops

Purpose: To provide insights and training on effective practices to address emerging problems
Additional Pump Award Videos

Goal: To produce video’s of future P.U.M.P. Awardees

Purpose: To provide ideas on what WRRFs are doing and to inspire others to adopt the EUM concepts
Other Potential Elements

- Wastewater Process Modeling
- Introductory training for UOTF concepts
- Problem solving webcasts
MWEA’s WRRF Committee
WRRF Committee

New Committee
Approved by MWEA’s Board

Purpose:

• To complete grant requirements
• To carry forward current activities
• To imbed WRRF concepts throughout MWEA
WRRF Committee

If interested in any of the above, please contact

Heather Cheslek
Black & Veatch
CheslekHA@BV.com
“Call to Action”
Steps you can take …

• Visit and explore the [www.watereum.org](http://www.watereum.org) website
• Apply for the P.U.M.P. recognition program, or encourage someone you work with to apply
• Participate in the WRRF Committee
• Apply for MWEA’s Sustainable Energy Award
• Participate in EUM training
• Discover where and how energy is used at your site
Thank you

Peter Cavagnaro, P.E.
WRR Solutions, LLC
pete@wrrsolutions.com
734-255-5523

Brian Hannon, P.E.
Moore & Bruggink, Inc.
bhannon@mbce.com
616-363-9801