



STATE OF MICHIGAN
DEPARTMENT OF TREASURY
LANSING

GRETCHEN WHITMER
GOVERNOR

RACHAEL EUBANKS
STATE TREASURER

**Michigan Infrastructure Council
December 12, 2019**

John A. Hannah Building – 4th Floor Ladislaus B. Dombrowski Board Room
608 W. Allegan - Lansing, Michigan

AGENDA

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| I. Pre-Meeting – Badge Renewals | Amber Hicks & MIC Council | 12:45 – 1:00 pm |
| II. Welcome/Introductions | John Weiss, Chairperson | 1:00 – 1:05 pm |
| III. Approval of October 10, 2019 Meeting Minutes | John Weiss, Chairperson | 1:05 – 1:10 pm ATTM #1 |
| IV. Approval of the Agenda | John Weiss, Chairperson | 1:10 – 1:15 pm |
| V. Public Comments | | 1:15 – 1:25 pm |
| VI. Bylaws Subgroup - VOTE | Dan Fredendall | 1:25 – 1:30 pm ATTM #2 |
| VII. Election of MIC Officers | MIC Council | 1:30 – 1:35 pm |
| VIII. AM Readiness Assessment Subgroup | Ken McFarlane and the MIC AM Readiness Subgroup | 1:35 – 1:45 pm |
| IX. Project Portal Subgroup Update | Eric Swanson/Marco Bruzzano and the MIC Project Portal Subgroup | 1:45 – 1:55 pm |
| X. Definitions and Standards Subgroup Update | John Daly and the MIC Definitions and Standards Subgroup | 1:55 – 2:05 pm |
| XI. Michigan Department of Treasury Updates and Introductions | Treasurer Rachael Eubanks and Deputy Treasurer Joyce Parker | 2:05 – 2:25 pm |
| XII. TAMC Budget (MDOT/Treasury MOU) | Jessica Moy and Ken Osborne, Budget Officer, Treasury | 2:25 – 2:30 pm |
| XIII. Standing Reports | <ul style="list-style-type: none"> ○ Executive Director Report ○ Transportation Asset Management Council (TAMC) Report ○ Water Asset Management Council (WAMC) Report ○ Michigan Public Service Commission (MPSC) Report | 2:30 – 2:50 pm |

**Michigan Infrastructure Council
December 12, 2019**

AGENDA – Continued

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| I. WAMC Nominations – Slate Presentation & Vote
Dan Fredendall and the Ad Hoc Nominations Committee | 2:50 – 3:05 pm ATTM #3 |
| II. Break/MIC Badges | 3:05 – 3:15 pm |
| III. MDOT GUIDE Presentation
Larry Doyle, MDOT | 3:15 – 3:45 pm |
| IV. Closing Remarks
Michigan Infrastructure Council | 3:45 – 4:00 pm |
| V. Adjournment
John Weiss, Chairperson | 4:00 pm |

2020 Meeting Schedule:

MARCH 12, 2020 1:00 PM – 4:00 PM

John A. Hannah Building
4th Floor – Ladislaus B. Dombrowski Board Room
608 West Allegan
Lansing, Michigan

JUNE 11, 2020 1:00 PM – 4:00 PM

John A. Hannah Building
4th Floor – Ladislaus B. Dombrowski Board Room
608 West Allegan
Lansing, Michigan

SEPTEMBER 10, 2020 1:00 PM – 4:00 PM

Constitution Hall
1st Floor – Conference Rooms A, B
525 West Allegan Street
Lansing, Michigan

DECEMBER 10, 2020 1:00 PM – 4:00 PM

John A. Hannah Building
4th Floor – Ladislaus B. Dombrowski Board Room
608 West Allegan
Lansing, Michigan

**Michigan Infrastructure Council
Meeting Minutes
Meeting 13 – October 10, 2019 – 2:00-5:00pm**

Henry Center
3535 Forest Road – Lansing, Michigan

Attendance:

Voting Members				Non-Voting Members			
Name	Present	Present/ Phone	Absent	Name	Present	Present/ Phone	Absent
John Weiss, Chair	X			Eric Swanson, DTMB			X
Kathleen Lomako, Vice-Chair		X		Kenneth McFarlane, MDARD	X		
Marco Bruzzano			X	Aaron Keatley, EGLE	X		
John Daly, III	X			Sharon Schafer, MDNR	X		
Daniel Fredendall	X			Todd White for Laura Mester, MDOT	X		
Jon Kangas			X	Larry Steckelberg, Treasury		X	
Erin Kuhn			X	Ryan Laruwe for Sally Talberg, MPSC	X		
Palencia Mobley	X			Joanna Johnson, TAMC			X
David Wresinski		X Left at 3:07pm		Sue McCormick, WAMC	X		

Support Staff Present:

Jessica Moy, MIC Executive Director
Amber Hicks, Treasury/MIC

Public Present:

Charyl Kirkland, Michigan Public Service Commission
Peter Hoffman, Michigan State Police
Brian Clark, Kandler Reed Khoury & Muchmore
Iain Cranston, Canadian Network of Asset Managers
Matt Dawes, Canadian Network of Asset Managers
Melissa Osborne, Canadian Network of Asset Managers
Jane Fitzpatrick, East Michigan Council of Governments

CALL-TO-ORDER

The meeting was called to order at 2:05 p.m. with a quorum established.

1. Welcome/Introductions

Everyone present was welcomed to the meeting by John Weiss, MIC Chairperson.

2. Approval of September 12, 2019, Meeting Minutes

Motion by Dan Fredendall to approve the September 12, 2019 meeting minutes

Seconded by John Daly III and carried without dissent

3. Approval of the Agenda

Motion by Kathleen Lomako to approve the agenda

Seconded by Palencia Mobley and carried without dissent

4. Public Comments

Jane Fitzpatrick provided a brief recap of the 2-day Asset Management Training provided by the Canadian Network of Asset Managers.

5. AM Readiness Training Review

Council members who participated in the 2-day Asset Management Training shared their thoughts on the training session. Council members included John Weiss, Dan Fredendall, Ryan LaRuwe, Palencia Mobley, John Daly III, and Ken McFarlane. Iain Cranston, Melissa Osborne, and Matt Dawes from the Canadian Network of Asset Managers also provided feedback and gave the Council a brief overview of the training session.

6. Fall Summit Schedule

Amber Hicks provided an update on the Fall Summit Schedule. Summits are set to begin Tuesday, October 15 and will conclude by Thursday, November 7.

7. Bylaws Subgroup Update

Dan Fredendall provided an update from the Bylaws Subgroup. A copy of the proposed Bylaws was emailed to the Council on September 30 and a printed copy was distributed at the meeting (see attachment).

Motion by John Daly III to vote on the proposed Bylaws

Seconded by Palencia Mobley and carried without dissent

A roll call vote was held. The proposed Bylaws were adopted with a majority vote.

MIC Member	Aye	Nay	Absent
John Weiss, Chair	X		
Kathleen Lomako, Vice-Chair	X		
Marco Bruzzano			X
John Daly III	X		
Daniel Fredendall	X		
Jon Kangas			X
Erin Kuhn			X
Palencia Mobley	X		
David Wresinski			X

8. WAMC Nominations Ad Hoc Committee - Update

Dan Fredendall provided a brief update on the WAMC nomination process. The committee has met once. A Call for WAMC Nominations has been posted. There are two expiring terms. The ad hoc committee will propose a slate to the MIC and voting for the two WAMC appointments will take place at the December 12 meeting.

9. Project Portal Subgroup Update

Amber Hicks provided an update on the Project Portal Subgroup. The Portal is currently under development by the Department of Technology, Management, and Budget and is expected to be complete by the summer of 2020. Screenshots and key features will be shared at the fall Summits so that feedback can be gathered.

10. Definitions and Standards Subgroup Update

John Daly III stated the group is progressing and is continuing to review and compile a common glossary to be used across assets.

11. Standing Reports

Executive Director Report

Jessica Moy, MIC Executive Director

- The MIC Annual Report was published on September 30, 2019. It is available on the MIC website, with limited print copies available. An overview of the report was presented.

Transportation Asset Management Council (TAMC) Report

- Reminder that the TAMC Fall Conference is at the end of the month in Marquette.

Water Asset Management Council (WAMC) Report

Sue McCormick, WAMC Chairperson

- Asset Management Plan templates have been completed and approved.

- The first 1/3 of those required to submit have been selected and will be notified sometime in 2020.

Michigan Public Service Commission (MPSC) Report

Ryan Laruwe

- The Statewide Energy Assessment report has been released. Based on the findings of the report, the MPSC has instructed utilities to file reports detailing operation plans during peak times or unusually cold winters.

12. Closing Remarks

- Aaron Keatley shared his thoughts on the last year.
- Sharon Schafer indicated that she will be sending MDNR staff to some of the regional summits.
- John Daly III noted that he has received another glossary of terms that he is currently reviewing.

13. Adjournment

The meeting adjourned at 3:46pm

**Next Meeting:
December 12, 2019**

1:00-4:00pm

John A. Hannah Building – 4th Floor – Ladislaus B. Dombrowski Board Room
608 W. Allegan
Lansing, MI

Bylaws of the Michigan Infrastructure Council

Adopted November 8, 2018
Last Updated October 10, 2019
Revised December 12, 2019

1. Purpose.

The Michigan Infrastructure Council (MIC/the council) will bring together local utility and infrastructure owners, regional representatives, finance and policy experts, and state departments to coordinate infrastructure goals, safeguard investments, and endeavor to provide efficiencies to the overall infrastructure planning process to minimize the duplication of efforts.

The statutory responsibilities of the Michigan Infrastructure Council are as established in P.A. 323 of 2018, P.A. 324 of 2018 and P.A. 325 of 2018.

2. Membership, Chairperson and Other Officers.

a. **Voting Members.** The council shall consist of nine appointed voting members in accordance with P.A. 323 of 2018. The voting members shall be appointed as follows:

- 1) Five by the Governor
- 2) One by the Senate Majority Leader
- 3) One by the Speaker of the House
- 4) One by the Senate Minority Leader
- 5) One by the House Minority Leader

b. **Nonvoting Members.** The council shall consist of nine nonvoting members in accordance with P.A. 323 of 2018.

- 1) The chairperson of the Water Asset Management Council (WAMC) or his or her designee
- 2) The chairperson of the Transportation Asset Management Council (TAMC) or his or her designee
- 3) The director of the Department of Agriculture and Rural Development or his or her designee
- 4) The director of the Department of Environmental Quality or his or her designee
- 5) The director of the Department of Natural Resources or his or her designee
- 6) The director of the Department of Technology, Management, and Budget or his or her designee
- 7) The director of the State Transportation Department or his or her designee
- 8) The State Treasurer or his or her designee
- 9) The chairperson of the Michigan Public Service Commission or his or her designee

- c. **Chairperson and Other Officers.** Per P.A. 323 of 2018, the council shall elect a chairperson from among its members. The council may elect other officers as it considers appropriate.
- 1) **Eligibility:** All voting members of the council are eligible to be Chairperson, Vice-Chairperson, or other officers.
 - 2) **Election of Officers:** Elections for Chairperson, Vice-Chairperson, and other officers shall be held at the Annual Meeting of the MIC or as needed to fill a vacant officer position. Election shall be by a majority vote of the attending voting MIC members at a meeting where a quorum is present.
 - 3) **Term of Office:** All officers' terms of office shall be for a one-year term, except as needed to fill a vacancy for the balance of the term. Officers may be reelected to additional terms by the MIC. Terms may be consecutive.
 - 4) **Responsibility and Dismissal:** It is the responsibility of the Chairperson and in the absence of the Chairperson, it is the responsibility of the Vice-Chairperson to chair scheduled MIC meetings, publicly represent the MIC, and speak on its behalf. If the Chairperson or the Vice-Chairperson fail to meet this responsibility, the voting membership of the MIC may dismiss the Chairperson or Vice-Chairperson by majority vote.

3. **Subsidiary Bodies.**

In carrying out its duties and responsibilities, the MIC may establish and abolish committees and subject matter expertise (SME) groups as it considers appropriate.

- a. **Committees:** MIC committees may be comprised of voting and nonvoting MIC members, as selected by the Chairperson. Member assignments may be reviewed and changed by the MIC Chairperson as necessary during the Chairperson's term of office. Each committee shall be chaired by a voting member of the MIC. Any committee may include for support, technical, or other reasons, non-MIC members as advisory participants on the committees.
- 1) **Nominations Committee:** The committee will develop and manage the evaluation and nomination process for WAMC members per Article 7. b. of these Bylaws and P.A. 324 of 2018.
 - a) **Responsibilities.**
 - i. Advise the council on matters pertaining to WAMC appointments.
 - ii. Propose a slate of nominees to fill the expiring WAMC terms to the full council for consideration and vote.
 - iii. Propose a nominee to fill a vacancy of an unexpired term to the full council for consideration and vote.
 - b) **Membership.** The committee shall be comprised of five (5) members as appointed below and all five members shall have a vote on the committee for the actions of the committee.
 - i. A minimum of two, but not more than three voting members of the council. One of the voting members shall be appointed as Chairperson of the Committee.

- ii. A minimum of two, but not more than three nonvoting members of the council, one of which shall be the WAMC Chairperson or his/her designee. The designee does not have to be a current member of WMAC but is not eligible to be nominated for the WAMC.
 - iii. If the vacancy under consideration is the WAMC Chairperson's appointment, the WAMC Chairperson shall recuse himself/herself as a member of the committee and the MIC Chairperson shall appoint a WAMC designee for the committee.
- b. **Subject Matter Expertise (SME) Groups:** MIC SME groups may be comprised of voting and nonvoting MIC members, as selected by the Chairperson. Furthermore, any SME group may include for support, technical, or other reasons, non-MIC members as advisory participants in the SME group. Member assignments may be reviewed and changed by the MIC Chairperson as necessary during the Chairperson's term in office.

4. Meetings.

Per P.A. 323 of 2018, "the MIC shall meet at least quarterly, or more frequently at the call of the Chairperson or if requested by 3 or more members." Council meeting schedules are established by January 1 for the following annual year. The established schedules shall be made available to the public in compliance with the Open Meetings Act, 1976 P.A. 267, MCL 15.261 to 15.275.

- a. **Organization of Meetings.** The Chairperson shall preside at all MIC meetings. In his/her absence, the Vice-Chairperson shall preside at such meeting. In the absence of both the Chairperson and Vice-Chairperson, the Chairperson shall designate another member of the MIC to preside over such meeting. If the Chairperson fails to designate such member, a voting member of the MIC shall be selected by a majority of the voting members in attendance at such meeting, and that member shall preside over the meeting.
- b. **Annual Meeting.** The MIC shall designate one meeting as the Annual Meeting. The Annual Meeting shall be held no later than December 15 of that year, beginning in 2019 and reoccurring every year thereafter. The order of business at the Annual Meeting shall include:
 - 1) Roll Call
 - 2) Public Comment
 - 3) Approval of Agenda
 - 4) Approval of Minutes
 - 5) Election of Officers
 - 6) Appointment of Water Asset Management Council Members
 - 7) Review of Bylaws
 - 8) Confirmation of Meeting Schedule for the Calendar Year
 - 9) Conduct Other Council Business as Provided in Meeting Notice
- c. **Other Meetings.** The Chairperson or the Chairperson's designee shall develop the agenda for the meeting.

- d. **Remote Attendance.** Voting and nonvoting members of the MIC may attend MIC meetings in person, by phone, or by videoconferencing (if available).
- e. **Public Comment.** Each scheduled MIC meeting shall include a forum for Public Comments, whereby members of the general public may address the council. Each speaker shall register to speak and be granted 3 minutes to address the council. The Chairperson may extend the speaking time, in a consistent manner, across all registered speakers.

5. Quorum and Voting.

Per the Michigan Open Meetings Act, 1976 P.A. 267, MCL 15.261 to 15.275, a “meeting” is the convening of a public body at which quorum is present for the purpose of deliberating toward or rendering a decision of a public policy. Per P.A. 323 of 2018, a quorum as it pertains to the MIC shall be defined as, “a majority of the voting members of the Michigan Infrastructure Council and a majority of the nonvoting members of the Michigan Infrastructure Council.”

Per P.A. 323 of 2018, “an affirmative vote of the majority of the voting members of the Michigan Infrastructure Council is required for official action of the Michigan Infrastructure Council.”

- a. **Remote Voting.** Voting members may vote in person, by phone, or by videoconferencing (if available). When one or more voting members is attending remotely, all voting will take place via roll-call vote.

6. Freedom of Information Act.

Per. P.A. 323 of 2018, “A writing created by the Michigan Infrastructure Council in the performance of an official function is subject to the freedom of information act, 1976 P.A. 442, MCL 15.231 to 15.246.”

7. Council Duties.

- a. **Council Responsibilities.** The council shall carry out the duties assigned in P.A. 323 of 2018, Section 4 by delivering the work plans, reports, and recommendations as required.
 - 1) Within 180 days of the first meeting, the MIC shall develop a three (3) year work plan and strategy.
 - 2) Within three (3) years of the effective date of P.A. 323 of 2018, the MIC shall begin the second phase to develop predictive analytics, a public dashboard and produce a 30-year integrated infrastructure investment and management strategy for the State of Michigan.
- b. **Water Asset Management Council Appointments.** Per P.A. 324 of 2018, the MIC shall appoint members to the Water Asset Management Council (WAMC) in accordance with the WAMC membership requirements of P.A. 324 of 2018.

- 1) For WAMC appointments from the four associations: i. Michigan Municipal League, ii. Michigan Townships Association, iii. Michigan Association of Counties, and iv. Michigan Association of Drain Commissioners:
 - a) MIC will request nominations from the association(s) by September 1 of the expiration year.
 - b) Nominations shall be submitted to the MIC Nominations Committee by November 15 of the expiration year.
 - c) WAMC appointments will be made at the Annual Meeting.
 - 2) For WAMC appointments representing the four non-association positions: i. regional drinking water, wastewater, or storm water authority, ii. water infrastructure association, iii. drinking water, wastewater, or storm water asset management experience, and iv. a region:
 - a) MIC will publicly request nominations for the open position(s) by September 1 of the expiration year.
 - b) Nominations shall be submitted to the MIC Nominations Committee by November 1 of the expiration year.
 - c) WAMC appointments will be made at the Annual Meeting.
 - 3) For filling the vacancy of an unexpired term, per P.A. 324 of 2018, "A vacancy on the water asset management council shall be filled in the same manner as the original appointment."
 - a) MIC will request nominations from the affected association(s) and/or for the open position(s) no more than thirty (30) days from the vacancy.
 - b) Nominations shall be submitted to the MIC Nominations Committee within forty-five (45) days of the official request by MIC.
 - c) WAMC appointments to fill vacancies shall be made at the next scheduled MIC meeting or at a special meeting by the request of the Nominations Committee within thirty (30) days of nominations.
 - d) A vacancy shall be filled within one hundred twenty (120) days.
- c. **Transportation Asset Management Council Appointments.** TAMC appointments will take place in accordance with P.A. 325 of 2018
- d. **Removal of Members of the Water Asset Management Council and Transportation Asset Management Council.** Per P.A. 324 of 2018 and P.A. 325 of 2018, the MIC may remove members of the WAMC or TAMC in accordance with the respective public act.
- 1) Per P.A. 324 of 2018, "A member of the Water Asset Management Council may be removed for incompetence, dereliction of duty, malfeasance during his or her tenure in office, or any other cause considered appropriate by the Michigan Infrastructure Council."
 - 2) Per P.A. 325 of 2018, "A member of the Transportation Asset Management Council may be removed for incompetence, dereliction of duty, malfeasance during his or her tenure in office, or any other cause considered appropriate by the Michigan Infrastructure Council."

- 3) The MIC shall consult with the respective council before removing a member of that council.

8. Staffing.

Per P.A. 323 of 2018, “the Departments of Agriculture and Rural Development; Environmental Quality; Natural Resources; Technology, Management, and Budget; Transportation; and Treasury shall provide qualified administrative and technical staff to the Michigan Infrastructure Council.” Furthermore, “the Department of Technology, Management, and Budget shall serve as the central data storage agency for the statewide database provided for this act.”

9. Bylaw Adoption and Amendments.

A two-thirds majority of the MIC voting members is required to adopt and amend the MIC bylaws. Proposed amendments, in final form, must be distributed to the members at least ten (10) business days prior to having them on the MIC agenda as an action item.



STATE OF MICHIGAN
DEPARTMENT OF TREASURY
LANSING

GRETCHEN WHITMER
GOVERNOR

RACHAEL EUBANKS
STATE TREASURER

Call for Nominations

October 14, 2019

The Michigan Infrastructure Council (MIC) is issuing a Call for Nominations to fill two expiring terms on the Water Asset Management Council (WAMC). The appointments will be made in accordance with P.A. 324 of 2018 and with consideration for socio-economic, geographic, and system diversity. With regard to the current WAMC composition, individuals representing small drinking water, wastewater, and/or stormwater systems are especially encouraged to apply. The open positions are as follows:

- **Member with drinking water, wastewater, or stormwater asset management experience**
3-Year Term: January 1, 2020-December 31, 2022
- **Member representing a region**
3-Year Term: January 1, 2020-December 31, 2022

Individuals interested in being considered for nomination should submit the following information to MIC by November 8, 2019:

- Request for Consideration – please indicate which position(s) you wish to be considered for (required)
- Resume (required)
- Letter of Support (optional)

Please submit nomination material, via email to:

Jessica Moy, Executive Director
Michigan Infrastructure Council
Email: moyj1@michigan.gov

The WAMC was created to lead, guide, and assist communities in the development and/or enhancement of their drinking water, wastewater, and storm water asset management programs. The WAMC is legislatively charged with the development of asset management templates, as well as annual reporting to the Michigan Infrastructure Council on the asset condition and investment of water infrastructure across the state. The WAMC meets approximately 6-8 times per year in Lansing, Michigan. Additional information about the Water Asset Management Council can be found at: michigan.gov/wamc

Water Asset Management Council Nominations

2019

The Michigan Infrastructure Council (MIC) is issued a Call for Nominations to fill two expiring terms on the Water Asset Management Council (WAMC):

- **Member representing a region**
3-Year Term: January 1, 2020-December 31, 2022
- **Member with drinking water, wastewater, or stormwater asset management experience**
3-Year Term: January 1, 2020-December 31, 2022

A total of seven applications were received by the Michigan Infrastructure Council (MIC) Nominations Committee. All applicants met the requirements for consideration.

Applications Received			
Name	Requested Position		Letter(s) of Support
	Region	Experience	
Jane Fitzpatrick	X		Erin Kuhn, Michigan Association of Regions
Frank LaPierre	X	X	Thomas Traciak, Baker Tilly
Randy Roost	X	X	Scott Hamelink, Lansing Board of Water & Light Paul Reinsch, MI-American Water Works Association Senator Tom Barrett Senator Curtis Hertel Representative Julie Brixie Representative Angela Witwer
Randy Scott	X	X	Senator Ed McBroom
Elin Betanzo		X	
Carrie Rivette		X	League of Conservation Voters
Dan Stickel		X	Sally Duffy, Hubble, Roth, & Clark

A brief bio of each applicant is provided. These bios were compiled by MIC staff from the application material provided – full resumes and application materials will be made available at the December 12, 2019 MIC meeting.

Elin Betanzo – Royal Oak, Michigan

Principal, Safe Water Engineering LLC

“Ms. Betanzo is an experienced water quality engineer with extensive drinking water policy, water quality, GIS, and data analysis skills. Her background in water infrastructure planning and engineering focuses on potable water distribution systems but encompasses the range of water treatment and transmission systems. She has been recognized by the Senate Environment and Public Works Committee as a national expert in drinking water policy.”

Additional areas of experience/expertise:

- Drinking water regulations and regulatory process
- Lead and Copper compliance and policy
- Consensus building/collaboration
- Several publications and Media citations

Jane Fitzpatrick

Community and Economic Development Programs Manager, East Michigan Council of Governments (EMCOG)

Ms. Fitzpatrick serves as “Programs Manager for the 14 County East Michigan Council of Governments (EMCOG) and the East Central MI Prosperity Region 5 (RPI-5) that encompasses 8 of the 14 counties within EMCOG (January 2011 to present).” She is “responsible for the development and implementation of the Department of Commerce Economic Development Administration required Comprehensive Economic Development Strategy (CEDS) for the EMCOG Region and the RPI-5 Strategy. New responsibilities include facilitation of the Integrated Asset Management summit; local assessments; and regional grants administration.”

Additional areas of experience/expertise:

- Current member of the Water Asset Management Council (2018-Present) – Member representing a region
- Former Consultant – focus on Capital Improvement Plans, fiscal impact analyses, infrastructure impact fee rate studies, etc.
- Former President of the Michigan Association of Planning

Frank LaPierre – Wayland, Michigan

Infrastructure Manager, Wightman & Associates, Inc.

Mr. LaPierre brings “high profile, executive level experience in public and private sector management. Proven ability to achieve significant results within the management of infrastructure programs servicing government, utility and commercial markets. Proven track record of exceeding shareholder value by surpassing annual ROI thresholds. Over 20 years of experience in managing core functions

including project infrastructure and financial funding and rate management, capital project planning and business development. Demonstrated success in managing organizations during periods of rapid transformation and high velocity growth.”

Additional areas of experience/expertise:

- Lead program manager of over \$14.5M in Stormwater, Asset Management, and Wastewater (SAW) Grants for 26 clients
- Wastewater system management
- Communitywide asset management planning and funding
- Financial consulting and advising

Carrie Rivette – Spring Lake, Michigan

Wastewater/Stormwater Maintenance Superintendent, City of Grand Rapids

“I want to use my over 25 years of engineering experience in the water resources field, including eight years of municipal collection system asset management in work that will assist other communities in advancing their asset management programs as well as provide the State with more information on the needs of water infrastructure. I enjoyed being a Subject Matter Expert for the State’s Asset Management Pilot Program and working on the Water Asset Management Council (WAMC) template subcommittee. I feel that I can be of even more value as a member of the WAMC. I look forward to the opportunity to work with other State leaders in asset management.”

Additional areas of experience/expertise:

- Interagency and community coordination and education
- Project Management - Capital projects/design
- Regulatory Compliance – NPDES, Environmental Contamination
- Green infrastructure
- Infrastructure Asset Management Pilot participant/WAMC Template Sub-committee

Randy Roost – Lansing, Michigan

Principal Planner, Water Operations, Lansing Board of Water and Light

Mr. Roost offers “37 years of professional experience in the areas of engineering, operations, and technical support in the water utility industry.” He has “attended all of the Water Asset Management Council meetings to date and is very familiar with the current activities of the Council.” He has also “participated in the Asset Management Reporting sub-committee and the Water Affordability sub-committee for the Council.”

Additional areas of experience/expertise:

- Project leader and engineer for raw water supply, water production, water distribution and steam distribution systems
- Developed Water Utility Planning Criteria and Engineering Design Guidelines
- Water security, emergency response, risk and resiliency
- Interagency coordination
- Economic and technical feasibility

Randy Scott – Bark River, Michigan

Professional Engineer, Retired and Part-time with C2AE

Mr. Scott is “an accomplished senior professional with a background in providing project management and professional engineering services.” He “has served as construction, design, or public municipal engineer for numerous civil and environmental projects. He performs technical design work and quality checks, monitors ISO Quality Programs, and is trained in construction specification writing and construction contract language Interpretation. He has also been involved with asset management system creation and Implementation for municipal systems.”

Additional areas of experience/expertise:

- Upper Peninsula representation, willing to drive/video to Lansing for meetings
- Worked with over 100 Michigan communities (predominantly in the Upper Peninsula and predominantly >15,000 population) re: infrastructure needs
- Municipal water and wastewater
- Coordination with State Agencies, industry organizations
- Stormwater, Asset Management, and Wastewater (SAW) Grants for 22 clients

Dan Stickel – Fenton, Michigan

General Manager, Saginaw-Midland Municipal Water Supply Corp.

Mr. Stickel is the current “General Manger for the Saginaw-Midland Municipal Water Supply Corporation, and prior to that,” he served as “the Engineering Superintendent for the Waterford Township Department of Public Works. In both roles,” he has “been charged with leading the asset management program for the utility.”

Additional areas of experience/expertise:

- Day-to-Day operations of raw water supply – 2 communities and seven wholesale customers
- Capital Improvement Plans, asset management plans, operational plans
- Interagency coordination
- Implemented Wellhead Protection Program and Infiltration and Inflow Program