



**Water Quality Council
Meeting Minutes
March 8, 2021
Virtual
Utilizing GoToMeeting**

Web-based Meeting Intro and Roll Call:

Kari Gerwin, TMACOG, explained the meeting would be recorded. Everyone logged in was asked to enter their name and affiliation in the chat box. This will be used to keep track of attendance. Ann Nair, TMACOG, took roll call to establish a quorum. Quorum was reached. Those in attendance will be listed on the WQC roster at the end of these meeting minutes.

Welcome:

Jon Eckel, Chair, City of Perrysburg, welcomed all and called the meeting to order. Jon also thanked the TMACOG staff for their work on making the web meetings work during the pandemic.

FY2022 TMACOG Water Quality Annual Work Program

Action Requested- Approval of the FY2022 AWP

Kari Gerwin introduced the work program. Kari stated that the work program documents had been emailed prior to this meeting and that the various subcommittees had approved the work program in their respective meetings. She asked for any questions. Hearing none, she asked for a motion to approve the AWP. John Hull, Hull & Associates, *moved to approve*, Nick Komives, City of Toledo Council, *seconded*. **MOTION CARRIED.**

Water Quality Council Roster

Action Requested- Approval of the 2021 WQC Roster

Jon Eckel introduced two new at large members appointed by the WQC Chair. He gave brief bios on Sarah Helbig and Sandy Bihn. Kari Gerwin stated that there had also been a few other appointment changes from various caucuses and jurisdictions that were received prior to this meeting. Gerwin asked for questions or corrections. Jerusalem township and Jones & Henry both had added alternates to the roster. Hearing no further questions, Kari Gerwin asked for a motion to approve the 2021 WQC Roster. Mark Sattler, Jerusalem Township *moved to approve*. John Hull, Hull & Associates, *seconded*. **MOTION CARRIED.**

PRESENTATION

Low-cost treatment for improving the environmental sustainability of manure used for fertilizer

Alexis D. Ostrowski, PhD and W. Robert Midden, PhD

Department of Chemistry, Bowling Green State University

Jon Eckel introduced the presenters and gave brief bios of Dr. Ostrowski and Dr. Midden.

Dr. Midden stated that the goal is to improve the use of animal manure by converting it into a slow-release fertilizer that reduces the loss of phosphorus and nitrogen in that manure from farm fields where it is applied.

Manure contains nutrients that can be recycled including phosphorus. The phosphorus supply is limited and declining so it is vital to recycle what can be recycled. The problem is manure has a large water content about 95 – 98%. That means there is a lot of weight to be transported with the manure.

The solution is to separate the nutrients from the water. The process binds the nutrients in a matrix that will then slowly release them over the growing season. An important part of the research is to find a simple, inexpensive way to separate the water out so it is affordable. The goal is > .01 cents per gallon. The team is currently working on this as well as determining what polymers are the best to use as part of this process.

Water Quality Committees Update:

Updates were provided by the water quality committees chairs and vice-chairs. Of note, Tahree Lane, representing the Lake Erie Waterkeeper, had asked for the Public Water Supply Committee's endorsement of a request to President Biden for an executive order regarding the restoration of Lake Erie. The Waterkeeper was invited to present the request to the Water Quality Council at the May 10 meeting.

Staff Report:

Kari Gerwin reported:

- New Water Quality Associate, Eric Kostecky joining TMACOG.
- TMACOG is continuing to host events virtually, including the Transportation Summit March 26, 2021 and the Annual Sunshine Law Training via webcast April 16, 2021. Staff are also planning water, wastewater and stormwater workshops. Please visit the TMACOG website for more information.

Sara Guiher gave an update on a virtual event she participated in called Great Lakes Day with Legislators.

Public Comment:

None

Future Meetings:

May 10, July 12, September 13, November 8

All at 1:00 PM via GoToMeeting unless otherwise announced.

Adjournment:

Jon Eckel adjourned the meeting at 2:40 p.m.

Water Quality Council Roster			2021 Water Quality Council Meetings						
Category	Appointee	Jurisdiction/Organization	1/11/21	3/8/21	5/10/21	7/12/21	9/13/21	11/8/21	
Chair (M)	Jon Eckel	City of Perrysburg	Chairs attendance recorded under respective jurisdictions						
Vice - Chair (M)	Melissa Greene-Hopfer	Lucas County Commissioner							
WW Chair (M)	Alice Godsey	City of Perrysburg	X	X					
WW Vice-chair (A)	Jeff Lamson	City of Fremont	X						
SWC Chair (M)	Kevin Laughlin	Wood County	X	X					
SWC Vice-chair (A)	Shawna Towns	City of Toledo, Environmental Services							
PWS Chair (M)	John Hull	Hull & Associates	X	X					
PWS Vice-chair (A)	Andy McClure	City of Toledo, Water Treatment	X						
Watersheds Chair (M)	Deanna Bobak	Civil & Env. Consultants	X	X					
Watersheds Vice-chair (A)	Edith Kippenhan	City of Toledo	X						
Agriculture Chair (M)	Mike Libben	Ottawa County SWCD	X	X					
Agriculture Vice - Chair (A)	Jim Carter	Wood County SWCD		X					
Lucas County (M)	Melissa Greene-Hopfer	Lucas County Commissioner	X	X					
Lucas County (A)	Gary L. Byers,	Lucas County Commissioner							
Wood County (M)	Theodore H. Bowlus	Wood County Commissioner							
Wood County (A)	Tom Stalter	NWSD		X					
Ottawa County (M)	Mark Coppeler	Ottawa County Commissioner		X					
Ottawa County (A)	James (Kelly) Frey	Ottawa County Engineer							
Sandusky County (M)	Scott Miller	Sandusky County Commissioner		X					
Sandusky County (A)	Vacant								
Monroe County (M)	Dave Thompson	Monroe County							
Monroe County (A)	Ryan Simmons	Monroe County		X					
Toledo Administration (M)	Andrew McClure	City of Toledo Administration	X	X					
Toledo Administration (A)	Patekka Bannister	City of Toledo Administration	X	X					
Toledo Council (M)	Nick Komives	City of Toledo Council		X					
Toledo Council (A)	Matt Cherry	City of Toledo Council							
City Caucus 1 (M)	Angie Ruiz	City of Fremont		X					
City Caucus 1 (A)	Vacant								
City Caucus 2 (M)	Rick Meiring	City of Waterville		X					
City Caucus 2 (A)	Rick Hannum	City of Waterville		X					
City Caucus 3 (M)	Jon Eckel	City of Perrysburg	X	X					
City Caucus 3 (A)	Lauren Rush	City of Perrysburg	X	X					
Township Caucus 1 (M)	Mark Sattler	Township of Jerusalem	X	X					
Township Caucus 1 (A)	David Bench	Township of Jerusalem							
Township Caucus 2 (M)	Jacob Barnes	Township of Springfield							
Township Caucus 2 (A)	Vacant								
Township Caucus 3 (M)	Vacant								
Township Caucus 3 (A)	Vacant								

Village Caucus 1 (M)	Craig Everett	Village of Wayne						
Village Caucus 1 (A)	Vacant							
Village Caucus 2 (M)	Steven P. Pilcher	Village of Whitehouse		X				
Village Caucus 2 (A)	Jordan Daugherty	Village of Whitehouse						
Village Caucus 3 (M)	Randy Genzman	Village of Oak Harbor		X				
Village Caucus 3 (A)	Quinton Babcock	Village of Oak Harbor	X					
Districts Caucus 1 (M)	Tim Schetter	Metroparks of Toledo	X	X				
Districts Caucus 1 (A)	Allen Gallant	Metroparks of Toledo						
Districts Caucus 2 (M)	Joe Cappel	Toledo-Lucas County Port Authority		X				
Districts Caucus 2 (A)	Brian Perz	Toledo-Lucas County Port Authority						
Districts Caucus 3 (M)	Vacant							
Districts Caucus 3(A)	Vacant							
Non-government Caucus 1 (M)	Kris Patterson	Partner for Clean Streams	X	X				
Non-government Caucus 1 (A)	Bob Neubert	Partner for Clean Streams						
Non-government Caucus 2 (M)	Sally Gladwell	Mannik & Smith	X	X				
Non-government Caucus 2 (A)	John Kusnier	Mannik & Smith						
Non-government Caucus 3 (M)	Hans Rosebock	First Energy						
Non-government Caucus 3 (A)	Nick Katsaros	First Energy		X				
At Large 1 (M)	Sarah Helbig	Jones & Henry Engineering		X				
At Large 1 (A)	Peter Latta	Jones & Henry Engineering						
At Large 2 (M)	Sandy Bihn	Lake Erie Waterkeeper						
At Large 2 (A)	Tahree Lane	Lake Erie Waterkeeper		X				
Colleges & Universities (M)	Ken Kilbert, Esq.	University of Toledo	X	X				
Colleges & Universities (A)	Patrick Lawrence, Ph.D.	University of Toledo						
K-12 Schools (M)	Vacant							
k-12 Schools (A)	Vacant							

Guests and Participants								
OEPA - non-voting (P)	Shannon Nabors	NWOEPA/District Chief		X				
MDEQ - non-voting (P)	Vacant							
ODNR - non-voting (P)	Vacant							
ODA - non-voting (P)	Clark Hutson	ODA WLEB Coordinator	X	X				
Julie Thomas		CT Consultants	X					
Zachary Mulder		Ottawa Cty Sanitary Engineering Dept		X				
Joy Mullinex		State of Ohio	X	X				
Tiffani Kavalec		Ohio EPA	X					
Sandra Kosek-Sills		Ohio Lake Erie Commission	X	X				
Jim Shaw		Lucas County Engineer's Office	X	X				
Nate Inkrott		Lucas County Engineer's Office	X					
Erica Krause		Office of US Senator Sherrod Brown	X	X				
Ron Lajti		Ottawa County Engineer	X					
Katie Grantham			X					
Kevin Nemer		Scenic Rivers	X					
Bob Midden		BGSU		X				
Alexis Ostrowski		BGSU		X				
Dorothy Pelanda		Ohio Department of Agriculture	X					
Kirk Hines		Ohio Department of Agriculture	X					
Tim Murphy		Civil & Env. Consulting	X	X				
Matt Miles		City of Maumee		X				
Ron Wells		Lucas County		X				
Pamela Davis		NOACA		X				
Don Sahloff		Township of Whiteford		X				
Julia Millirans				X				
TMACOG Staff								
TMACOG Staff	Tim Brown							
TMACOG Staff	Kari Gerwin		X	X				
TMACOG Staff	Sara Guiher			X				
TMACOG Staff	Matthew Kennedy		X	X				
TMACOG Staff	Mary Pat McCarthy		X					
TMACOG Staff	Gilda Mitchell			X				
TMACOG Staff	Eric Kostecky		X	X				
TMACOG Staff	Ann Nair		X	X				