



DRWW Annual General Membership Meeting Agenda

02/15/2024 01:30 pm – 03:30 pm

Lake County Public Works Conference Room at 650 W. Winchester Road Libertyville, IL 60048

Discussion and Approval of the Following:

1. Introductions and Announcements

Paul Kendzior, DRWW President, called the meeting to order at 1:30pm and started introductions.

a. Roll Call

Anna Niedzinski, DRWW coordinator, performed roll call. 21 members were in attendance representing 26 DRWW members: **Paul Kendzior**, DRWW President, Village of Libertyville; **Brian Joyce**, City of Lake Forest; **Jesus Alquicira**, City of Waukegan; **Jim Bland**, EPS, Inc.; **Brian Valleskey**, Geosyntec, Inc.; **Vince Mosca**, Hey & Associates, Inc.; **Paul Lindemann**, Lake County Division of Transportation; **Nick Huber**, Lake County Forest Preserve District; **Joel Sensenig**, Lake County Public Works; **Ashley Strelcheck**, Lake County Stormwater Management Commission (SMC); **Jonathan Happ**, Libertyville Township; **Steve Waters**, North Shore Water Reclamation District (NSWRD) ; **Chris Johnson**, Sierra Club; **Andrea Larson**, Village of Buffalo Grove; **Brandon Janes**, Village of Deerfield; **Nick Leach**, Village of Gurnee; **Michael Talbett**, Village of Kildeer; **Wally Ditrach**, Village of Lincolnshire; **Rafal Palka**, Village of Lindenhurst; **Jodi McCarthy**, Manhard Consulting for the Villages of Lake Zurich and Round Lake Beach; and **Michael Warner**, Gewalt Hamilton Associates, and representing Ela and Fremont Townships and the Villages of Long Grove and Riverwoods. A general membership quorum was present via a roll call vote.

2. Public Comment

There was no public comment.

3. **Approve 08/17/23 General Membership Meeting Minutes

Motion to approve minutes as presented by Nick Leach, Village of Gurnee, seconded by Paul Lindemann, Lake County Division of Transportation. The motion passed with a unanimous consensus vote.

4. DRWW Business

a. DRWW Financials

i. Ratify DRWW Revenue & Expenditures

There were no DRWW Revenue & Expenditures to ratify.

ii. DRWW Budget Review

Niedzinski presented the FY2024 budget, approved by the Executive Board during 11/16/2023 Executive Board meeting. There were no comments or questions.

iii. **Approval of FY2024 DRWW Memberships Dues

Niedzinski presented the FY2024 DRWW memberships dues for general membership approval. The draft membership dues were set by Executive Board recommendation during the 11/16/2023 Executive Board meeting. Motion to approve the FY2024 DRWW memberships due as presented by Steve Waters (NSWRD), seconded by Joel Sensenig, Lake County Public Works. The motion passed 24-0-2 via roll call vote.

b. Committee Updates

i. Executive Board

Paul Kendzior, DRWW President, provided an update on Executive Board actions. The DRWW submitted the Nutrient Assessment and Reduction Plan (NARP) to the Illinois Environmental Protection Agency (EPA) before the December 31st, 2023 deadline on behalf of the membership. The NARP report and Annual Accomplishments have been posted to the DRWW website.

ii. **Monitoring/Water Quality Improvements Committee**

• ***Final Des Plaines Watershed Workgroup Nutrient Assessment and Reduction Plan (NARP) Update***
Brian Valleskey, Senior Professional, Geosyntec Consultants Inc.

Brian Valleskey, Geosyntec, gave the final update on the DRWW Nutrient Assessment and Reduction Plan (NARP), starting with the overview of a NARP, types of discharges in the watershed and its relationship to National Pollutant Discharge Elimination Systems (NPDES) permits. Geosyntec completed the modeling tools and writing the NARP plan. The two types of models that were utilized are the watershed model (which simulates the response of water quantity and quality to hydrologic processes) and the instream model (simulates hydraulics and water quality condition within a stream or river). The modeling process consisted of data analysis and review, model development, calibration, and sensitivity analysis. Geosyntec ran three (3) different watershed management scenarios; reducing upstream sources, non-point sources (NPS), and POTW load reductions and obtained five (5) key takeaways; POTW total phosphorous reductions beyond 0.5 mg/L have minimal impact on water quality, upstream total phosphorous reduction reduces sestonic chlorophyll a and improves dissolved oxygen, tributary total phosphorous reduction reduce chlorophyll a but have minimal impact on dissolved oxygen, a combined reduction from the three sources improves water quality, improving upstream dissolved oxygen addresses impairment in the upper reaches of the Des Plaines River. Using the model and the key takeaways provided Geosyntec created the NARP Implementation Plan which is broken down into four (4) sections which will guide the DRWW in reducing phosphorous loading; these consist of administrative actions, actions to address DO and nuisance algae impairments, actions to reduce non-point-source loading, and monitoring studies. Geosyntec delivered the final report to the DRWW before the December 31st deadline, and the DRWW has posted the final report on the website.

Questions/Answers:

1. Have you heard anything back from the Illinois EPA?

There has been nothing heard from the Illinois EPA, however Geosyntec and DRWW has been proactive throughout the NARP development process and has coordinated four (4) meetings with the Illinois EPA, with the most recent meeting in November 29, 2023.

iii. **Lakes Committee**

Alana Bartolai, Lake County Health Department and Lakes Committee Chair provided an update on Lakes Committee activities. Two members joined the Lakes Committee, Brian Valleskey and Jim Bland. The Lakes Committee is hoping to do some in-person workshops on lake management practices in the coming months.

c. **Old Business**

There was no old business to discuss.

d. **New Business**

i. **POTW NPDES permit modification update**

Waters stated that within the NPDES permits it states that POTWs have 90 days from the submittal of the NARP report to submit a permit modification request to the IEPA. Which for POTWs would state that there is no need to modify the permit since POTWs will be staying at 0.5 mg/L. March 28th is the deadline for submission.

ii. **POTW NPDES permit modification letter template**

Members of the Monitoring Committee reached out to the IEPA to confirm the contents of the permit modification letter. A template will be drafted and distributed before the submission date for the POTWs to fill and submit on their organization's letterhead.

5. **Guest Speakers**

a. ***Illinois North Shore WRD – Phosphorus Reduction Projects***

Chuck Bodden, Director of Laboratory & Environmental Compliance, North Shore Water Reclamation District

Chuck Bodden gave a presentation on North Shore Water Reclamation District's (NSWRD) three facilities in Gurnee, Waukegan, and Clavey Road (Highland Park). Bodden provided a summary of the Illinois Nutrient Reduction Strategy (NLRS) and the goals set for in-stream phosphorus (25% reduction by 2025 and 45% long-term goals) and the 2023 Biennial Report indicating those goals are predicted to fall short. Bodden highlighted that the point source sector

exceeded the 25% reduction goal for phosphorus and it is predicted that 10,000,000 pounds of reduction is possible once phosphorus projects are completed and on-line. The Nutrient Assessment Reduction Plan (NARP) has been completed by the DRWW and identified in the key takeaways that POTW total phosphorus reductions beyond 0.5 mg/L have minimal impacts on water quality. NSWRD initiated a nutrient monitoring project and several phosphorus reduction efforts. Aeration Improvements Projects - Biological Phosphorus Removal, Chemical Phosphorus Removal, along with several other measures NSWRD was able to meet Illinois NLRs goals. Bodden provided details on the phosphorus reduction studies, programs and removal enhancements that the NSWRD has implemented to help achieve phosphorus reduction compliance.

Questions/Answers:

1. By using chemical phosphorous removal, has there been an increase in total sludge production?
Yes, NSWRD saw a considerable increase in sludge production, but the organization saw an increase in biological sludge production when implanting biological phosphorous removal.
2. Did adding the chemical (ferric chloride) impact the biological treatment in any way?
No, the chemical is added after the biological process in multiple dose points, so it does not impact biological phosphorus removal.

b. *Development in Kenosha County within the Des Plaines River Watershed- Letter of Support***

Scott Griffith, Senior Project Manager, Kimley-Horn and Associates, Inc.

Scott Griffith, from Kimley-Horn and Associates, gave a presentation on a development site in Kenosha County and concerns on the lack of stormwater controls for the development. The development is six (6) miles north of the Illinois-Wisconsin state border. Developers are looking to develop a 60-acre area, close in proximity to a tributary that feeds into the Upper Des Plaines River. proposing a combination casino/hotel, with associated parking. The plan that was provided to Kimley-Horn to review and provide feedback showed there are three (3) stormwater detention basins, which would be undersized for area of impervious surface proposed. The Illinois EPA has noted that the waterway is impaired for sedimentation and total suspended solids, the main causes of the impairment are due to development and site clearing. Kimley-Horn recommends that the stormwater management facilities are built to meet the Kenosha County's more severe water quality standards, in addition to compensatory storage for loss of on-site depressional storage and wetland mitigation for impacts to wetlands on the sites. The development is slated to enter a federal land trust, which future development becomes exempt from stormwater management standards. Kimley-Horn is requesting an action item of the DRWW to send a letter of correspondence which Kimley-Horn has drafted to Kenosha County; to hold the development to the stormwater standards of Kenosha County, to cover compensatory storage for loss of onsite depressional storage, and wetland mitigation within the Des Plaines watershed for wetland impacts.

Questions/Answers:

1. Is Kimley-Horn looking to send this letter under DRWW letterhead?
That is correct.
2. What are the plans to get this concern to elected officials who have more of a political stake in the impact of the development?
Kimley-Horn is reaching out to the DRWW first to have a letter sent to the Executive of Kenosha County to make them aware of the impacts of the development and that there is a group that is concerned about the stormwater impacts. The goal is to start a discussion with Kenosha County about the development. The second step that Kimley-Horn will take is to reach out to the Federal Land Trust to inform them about the wetland and water quality impacts.
3. Will there be a letter template to send out to individual community leaders?
Kimley-Horn can make a letter template for distribution to individual municipalities.
4. Has there been a formal public comment process that has occurred with this site?
Kimley-Horn is not aware of the public comment process concerning this site. This organization was brought in to look like a subsidiary of how the concept development looks in terms of stormwater management, water quality, and concerns with immediate flooding in the surrounding communities and Lake County.
5. Is there topography available that can be used to quantify the compensatory storage of the site?
Yes, there is. Kimley-Horn identified it from a high level, there is 10-acre feet of additional depressional storage within the 60 acres of development.
6. Is this development occurring in the county or the city as both were mentioned in the presentation?
The site is in the City of Kenosha, the concept plan was approved at the city council meeting last month.

7. Is the site located in a floodplain?
There is no FEMA regulatory floodplain located on site.
8. What triggered this development for your attention?
The scale of the development (60 acres) with minimal stormwater concerns is what brought this to our concern.
9. Is this site north or south of Route 50?
The site is north of Route 50, southwest of the Kenosha Regional Airport.
10. Can more information be provided about the public notice period? Does Kimley-Horn know what phase the development is in?
It is known that the concept plan for the development was recently approved in February by the city council. We don't know how long the public comment period will be for this site. More research will be needed.
11. Is there a deadline for sending this letter?
The sooner the better, Kimley-Horn would have to go back and incorporate some of the feedback we received from the DRWW into this letter.
12. Did Gurnee approach Kimley-Horn concerning the development?
Nick Leach, Village of Gurnee, some property owners connected and brought their concerns to the village.
13. Will Kimley-Horn or Gurnee be the main point of contact, or are you asking DRWW to be the main point of contact for the letter?
It was a thought to have a technical group look at this development site, from a technical perspective and to provide comment and constructive input. But it might be better to have the municipalities respond.
14. If a response is received from the letter, or further feedback is asked, would Kimley-Horn be answering the questions? Kimley-Horn would provide feedback on the technical stormwater questions.
15. Is the action item to finish the minor items of the letter and to send it as a watershed workgroup item?
Yes.
16. Is there an opportunity for the Monitoring Committee and the Executive Board to perform a thorough review of the letter at the March meeting since DRWW has had only 48 hours to review the letter and there will be additional changes made to the letter? It is not known how short the public comment period will be for the development site, and how soon the site will enter a federal land trust. A special meeting can be called for the Monitoring Committee and Executive Board to review and approve the revised letter. Kimley-Horn will investigate the timeline to see if a special meeting will need to be called.
17. Will the DRWW Coordinator submit the letter on the workgroup's behalf, or does Kimley-Horn and Gurnee want to be co-signatories? The preference is to have the workgroup submit the letter.
18. In case the timeline doesn't work, is there an objection for this letter to go directly to communities for their consideration? Communities can send their own letters, or a letter of support.

A motion was made by Brian Joyce, City of Lake Forest, to approve the draft letter with the modifications from Kimley-Horn, and subject to review and finalization from the Executive Board. The motion was seconded by Wally Dittrich, Village of Lincolnshire. The motion passed 25-0-1 via roll call vote.

19. Watershed Updates & Announcements

There were no watershed updates nor announcements.

20. Member Remarks

There were no member remarks.

21. Next General Membership Meeting: August 15, 2024 1:30pm-3:30pm

22. Adjournment – 3:19pm

Nick Huber motioned to adjourn, seconded by Brandon Janes. The motion passed with a unanimous consensus vote.

Name	Organization
Alana Bartolai	Lake County Health Department
Andrea Larson	Village of Buffalo Grove
Anna Niedzinski	Lake County Stormwater Management Commission
Ashley Strelcheck	Lake County Stormwater Management Commission
Brandon Janes	Village of Deerfield
Brian Joyce	City of Lake Forest
Brian Kuebker	Village of Libertyville WWTP
Brian Valleskey	Geosyntec Consultants, Inc.
Bryan Winter	Village of Gurnee
Chris Johnson	Sierra Club
Christine Morris	Lake County Public Works
Chuck Bodden	North Shore Water Reclamation District
Gary Glowacki	Lake County Forest Preserve District
Jesus Alquicira	City of Waukegan
Jim Bland	EPS, Inc.
Joanna Colletti	GRAEF.USA
Jodi McCarthy	Manhard Consulting representing the Villages of Lake Zurich and Round Lake Beach
Joel Krause	Lake County Planning, Building, & Development
Joel Sensenig	Lake County Public Works
John Paterson	ILM Environments
Jonathan Happ	Libertyville Township
Justin Opitz	Kimley-Horn and Associates, Inc.
Kurt Woolford	Lake County Stormwater Management Commission
Marty Neal	Libertyville Township Highway Department
Michael Talbett	Village of Kildeer
Michael Turner	Village of Lindenhurst
Michael Warner	Gewalt Hamilton Associates; and representing Antioch, Avon, Ela, and Fremont Townships and the Villages of Long Grove, Prospect Heights, Riverwoods, and Wadsworth
Mike Prusila	Lake County Stormwater Management Commission
Nick Huber	Lake County Forest Preserve District
Nick Leach	Village of Gurnee
Paul Cacioppo	Village of Mundelein
Paul Kendzior	Village of Libertyville
Paul Lindemann	Lake County Division of Transportation
Rafal Palka	Village of Lindenhurst
Rob Flood	North Shore Water Reclamation District
Ross Sweeny	Self
Scott Griffith	Kimley-Horn and Associates, Inc.
Steve Waters	North Shore Water Reclamation District
Vince Mosca	Hey and Associates, Inc.
Wally Dittrich	Village of Lincolnshire

DRWW General Meeting Roll Call: February 15, 2024

Organization	Voting Member	Number of Votes	Roll Call	Vote Count	FY24 Member Dues	Vote Count	Letter of Support	Vote Count
Applied Technologies, Inc.		2		0		0		0
Christopher Burke		2		0		0		0
City of Lake Forest	Brian Joyce	4	Y	4	Y	4	Y	4
City of Park City		4		0		0		0
City of Waukegan	Jesus Alquicira	4	Y	4	Y	4	Y	4
City of Zion		4		0		0		0
Ela Township	Michael Warner	4	Y	4	Y	4	Y	4
EPS, Inc.	Jim Bland	2	Y	2	Y	2	Y	2
Fehr Graham Engineering		2		0		0		0
Fremont Township	Michael Warner	4	Y	4	Y	4	Y	4
Geosyntec	Brian Valleskey	2	Y	2	ABSTAIN	0	Y	2
Gewalt Hamilton	Michael Warner	2	Y	2	Y	2	Y	2
Hey & Associates	Vince Mosca	2	Y	2	Y	2	Y	2
IDOT		4		0		0		0
Lake County & Lake County DOT (1 member)	Paul Lindemann	8	Y	8	Y	8	Y	8
Lake County Forest Preserve	Nick Huber	4	Y	4	Y	4	Y	4
Lake County Public Works	Joel Sensenig	16	Y	16	Y	16	Y	16
Lake County SMC	Ashley Strelcheck	2	Y	2	Y	2	Y	2
Libertyville Township	Jonathan Happ	4	Y	4	Y	4	Y	4
North Shore Water Reclamation District	Steve Waters	20	Y	20	Y	20	Y	20
Sierra Club	Chris Johnson	2	Y	2	Y	2	Y	2
Vernon Hills Park District		2		0		0		0
Vernon Township		4		0		0		0
Village of Buffalo Grove	Andrea Larson	4	Y	4	Y	0	Y	4
Village of Deer Park		4		0		0		0
Village of Deerfield	Brandon Janes	4	Y	4	Y	4	ABSTAIN	0
Village of Grayslake		4		0		0		0
Village of Green Oaks		4		0		0		0
Village of Gurnee	Nick Leach	4	Y	4	Y	4	Y	4
Village of Kildeer	Michael Talbett	4	Y	4	Y	4	Y	4
Village of Lake Zurich	Jodi McCarthy	4	Y	4	Y	4	Y	4
Village of Libertyville	Paul Kendzior	6	Y	6	Y	6	Y	6
Village of Lincolnshire	Wally Dittrich	4	Y	4	Y	4	Y	4
Village of Lindenhurst	Rafal Palka	4	Y	4	Y	4	Y	4
Village of Long Grove	Michael Warner	4	Y	4	ABSTAIN	0	Y	4
Village of Old Mill Creek		2		0		0		0
Village of Riverwoods	Michael Warner	4	Y	4	Y	4	Y	4
Village of Round Lake Beach	Jodi McCarthy	4	Y	4	Y	4	Y	4
Village of Round Lake Park		4		0		0		0
Village of Third Lake		4		0		0		0
Village of Vernon Hills		4		0		0		0
TOTALS		176	26	126	24	116	25	122