



General Membership Meeting Minutes

08/18/2022 01:30 pm – 03:30 pm

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

Discussion and Possible Approval of the Following:

1. Introductions, Announcements, and Roll Call

Paul Kendzior called the meeting to order at 1:44 PM. Mia Gerace, SMC, performed roll call. 12 people were in attendance representing 16 DRWW members: Karolina Cho, Gewalt Hamilton Associates for Ela and Fremont Townships and the Villages of Long Grove and Riverwoods; Paul Lindemann, Lake County Division of Transportation; Nick Huber, Lake County Forest Preserve; Joel Sensenig, Lake County Public Works; Jonathan Happ, Libertyville Township; Steve Waters, North Shore Water Reclamation District; Nick Leach, Village of Gurnee; Michael Talbett, Village of Kildeer; Jodi McCarthy, Manhard Consulting for the Villages of Lake Zurich and Round Lake Beach; Adam Cashmore, Village of Lindenhurst; Tom Morthorst, Village of Third Lake; and David Brown, Village of Vernon Hills. A general membership quorum was present via a roll call vote.

2. Public Comment - None

3. Approve 02/17/22 General Membership Meeting Minutes

Motion to approve Minutes as presented by Waters, Seconded by Talbett. The motion passed with a unanimous consensus vote.

4. DRWW Business

a. DRWW Financials:

i. Revenue & Expenditures

Motion to approve revenue and expenditures and ratify invoices as presented by Brown, seconded by Morthorst. The motion passed 15-0-0 via roll call vote.

b. Committee Updates

i. Executive Board

Paul Kendzior provided an update on Executive Board actions. The Executive Board continues to make progress on the NARP with Geosyntec, work on a financial strategy for FY2022 expenditures, continue to fulfill monitoring requirement for members (NPDES in-stream monitoring requirement) and appointed Gary Glowacki as the new Executive Board member in Jim Anderson's (retired) replacement.

ii. Monitoring/Water Quality Improvements Committee

Steve Waters, Committee Chair, gave an update on the DRWW monitoring. The Lake County Health Dept. will start water column chemistry monitoring this month, the NSWRD has 3 continuous monitoring sondes that collect data except for the Russel Road sonde due to ice at that location (pulled to prevent ice damage to sonde). MBI will be starting their scope for the bioassessment work later this year. At the end of March 2022, NSWRD will be preparing the annual DRWW monitoring report for the Illinois EPA on behalf of all DRWW members.

iii. Lakes Committee

Mike Adam, Lakes Committee Chair, updated the general membership on the Lake County Health Department's monitoring of the invasive plant Hydrilla in a couple ponds in the watershed. The Lakes Committee is preparing recommendations to bring to the Monitoring Committee soon for review.

c. Old Business

d. New Business –

- i. Approve by Appointment, President: Paul Kendzior (Alternate: Brian Kuebker), Village of Libertyville
A motion was made to approve by appointment Paul Kendzior, with alternate Brian Kuebker, as President of the DRWW by Brown. Seconded by Waters. The motion passed with a unanimous consensus vote.
- ii. Approve by Appointment, Secretary: Joel Sensenig (Alternate: Austin McFarlane), Lake County Public Works
A motion was made to approve by appointment Joel Sensenig, with alternate Austin McFarlane, as Secretary of the DRWW was made by Morthorst. Seconded by Brown. The motion passed with a unanimous consensus vote.

5. Guest Speakers

a. Project Highlight: Dam Removal in the Des Plaines River

Wes Cattoor, Section Chief, Engineering Studies, IDNR Office of Water Resources

Since 2008, the Des Plaines River has had fifteen (15) dams removed in Lake, Cook and DuPage Counties. Wes discussed the removal of eight (8) of those dams: Dam 1 (completed in 2014), Dam 2 (completed in 2018), Devon Dam (completed in 2021), Dempster Street Dam (completed in 2016), Touhy Avenue Dam (completed in 2021), Armitage Avenue Dam (completed in 2012), Fairbanks Avenue Dam (completed in 2012), and the Hofmann Dam (completed in 2012). Wes discussed why dams are being removed, citing public safety as a concern for dams that have submerged hydraulic rollers. Other benefits of removing dams include better water quality and aquatic habitat, increased fish population and passage, improved recreation, plus economic benefits such as no structure maintenance costs, less downstream erosion repair costs, and fewer emergency response costs/liability lawsuits.

b. Des Plaines River Watershed Workgroup Nutrient Assessment and Reduction Plan (NARP)

Rishab Mahajan, Senior Engineer with Geosyntec Consultants, provided an update on the work completed on the NARP. He gave a project overview, spoke on the data analysis and modeling tools used to date, as well as provided the next steps in the project. The project is on track to be completed and submitted to the Illinois EPA in December 2023. The NARP addresses and satisfies the special conditions in Publicly Owned Treatment Works (POTW) facilities' NPDES permits to address the P-related impairments in receiving waters.

Development of a NARP also satisfies requirements TMDL (or alternative) requirements if they exist in the watershed. Rishab shared a map of the Upper Des Plaines River Watershed that highlights segments that the Illinois EPA considers impaired for total phosphorus (TP), dissolved oxygen (DO) and pH. Geosyntec divided the project into four phases: Conducting Data Analysis, Developing Modeling Tools, Evaluating Management Scenarios, and Implementation Planning and Schedule. They are currently developing the modeling tools and plan to evaluate management scenarios by the end of the year (2022) and into next year. Rishab gave a brief recap on the data analysis methodology, which was covered in a presentation at the DRWW General Membership meeting in August 2021. He then moved into discussing the model development process and the model development tools. In 2021, the team developed the SWAT Watershed Model. They are now moving into using QUAL2kw to develop the instream model which has two parts: the Hydrodynamic Model and the Water Quality Model. Rishab then recapped the NARP schedule, gave potential NARP outcomes, and touched on the next steps in the NARP which are to calibrate mainstem models for chlorophyll-a, benthic algae, and DO; calibrate the Mill Creek model; and run watershed management scenarios that evaluate management actions.

6. Watershed Updates & Announcements

- a. The May 2022 Newsletter is posted on the DRWW website: http://www.drww.org/wp-content/uploads/2022/06/2022-DRWW-Newsletter_Final.pdf
- b. The 2020 MBI Monitoring Report is posted on the DRWW website: http://www.drww.org/wp-content/uploads/2022/06/MBI-Upper-Des-Plaines-2020-Report-20220617-DRWW-FINAL_website.pdf

7. Member Remarks

- a. Mia Gerace, SMC reminded members that registration for the Deicing Workshops is live.

b. Mia Gerace, SMC included an article from NOAA entitled “Below-average Gulf of Mexico ‘dead zone’ measured” in the agenda packet for members to review if interested.

8. Next General Membership Meeting: February 2023

9. Adjournment: 3:03 pm

Motion to adjourn made by Brown, second by Leach. The motion passed with a unanimous consensus vote.

Des Plaines River Watershed Workgroup Meeting Attendees

Name	Organization
Adam Cashmore	Village of Lindenhurst
Carson Ghys	Village of Gurnee
Chuck Bodden	North Shore Water Reclamation District
Dave Wild	Arlington Club Condo Association
David Brown	Village of Vernon Hills
Gary Glowacki	Lake County Forest Preserve District
James Kim	Vernon Hills Park
Jodi McCarthy	Manhard Consulting
Joel Sensenig	Lake County Public Works
Jonathan Happ	Libertyville Township
Karolina Cho	Gewalt Hamilton Associates for Ela and Fremont Townships and the Villages of Long Grove and Riverwoods
Marty Neal	Libertyville Township Road District
Michael Talbett	Village of Kildeer
Mike Adam	Lake County Health Department
Mike Warner	Gewalt Hamilton Associates
Nicholas Leach	Village of Gurnee
Nick Huber	Lake County Forest Preserve District
Nicole Large	Community Member (Wadsworth)
Paul and Mary Spiewak	Community Member
Paul Kendzior	Village of Libertyville
Paul Lindemann	Lake County Division of Transportation
Rob Flood	North Shore Water Reclamation District
Rosemary Heilemann	Sierra Club
Steve Waters	North Shore Water Reclamation District
Tom Morthorst	Village of Third Lake
Wes Cattoor	Illinois Department of Natural Resources