



**DES PLAINES RIVER WATERSHED WORKGROUP
MEMBERSHIP MEETING
NOVEMBER 12, 2015 10:00-12:00 AM
NORTH SHORE WATER RECLAMATION DISTRICT**

MEETING AGENDA

1. ***Introductions and Announcements*** – Peter Kolb, Director of Public Works for Lake County and DRWW President, will conduct introductions and provide an overview of the meeting.
2. ***Approve 8/13/15 meeting minutes.***
3. ***Public Comment***
4. ***MS4 NPDES Permit Update*** – Jeff Hutton, Bureau of Water Illinois EPA will provide an update on the Municipal Separate Storm Sewer System National Discharge Elimination System permit, or the permit that covers conveyance systems that are not part of sewer or combined systems. A draft permit was put on public notice earlier this year that had quarterly wet weather monitoring requirements for permittees.
5. ***DRWW Business*** – Peter will lead the group DRWW business matters.
 - a. ***Membership Update***
 - b. ***Committee Updates***
 - i. ***Monitoring Committee***
 - ii. ***Lakes Committee***
 - iii. ***Impairments Committee***
 - c. ***Secretary Replacement***
 - d. ***Quarterly Status Report***
6. ***Next meeting: Quarterly meeting: February 11th***
7. ***Old business***
8. ***New business***
9. ***Adjournment***



**DES PLAINES RIVER WATERSHED WORKGROUP
MEMBERSHIP MEETING
AUGUST 13, 2015 2:00-4:00 PM
NORTH SHORE WATER RECLAMATION DISTRICT**

MEETING MINUTES

1. **Introductions and Announcements** – Peter Kolb, Director of Public Works for Lake County and DRWW President, conducted introductions and provided an overview of the meeting. Peter called the meeting to order at 2:02 pm.
2. **Approve 5/15 meeting minutes.** Scott Phippen motioned, Mike Adam seconded. The motion passed unanimously.
3. **Public Comment:** None.
4. **The Science of Denitrification at the Des Plaines River Riffle** – Dr. Donald Hey, Executive Director of Wetlands Research, Inc. and founder of the Wetlands Initiative, will present NuFarming, a market-based strategy that uses restored wetlands designed, built and operated for the purpose of trapping nutrients, trapping sediments and storing floodwaters. Nutrient farming produces nutrient reduction credits that can be sold to municipal or industrial facilities that need to meet water quality standards and cannot cost effectively manage nutrients. NuFarming consists of growing wetlands and passing the contaminated water through the vegetation and over the soil. The slides from the presentation are available on the website.
5. **DRWW Business** – Peter led the group DRWW business matters.
 - a. **Membership Update:** Mike Warner provided a membership update. It's been updated and was handed out at the meeting. New agreement from Deerfield. There are still some members that provided letters of commitment that we anticipate will join.
 - b. **Committee Updates**
 - i. **Monitoring Committee:** Joe Robinson recognized the members of the committee: Austin MacFarlane, Mike Adam, Al Giertych, Jim Bland, Steve Vella, and Randy Seebach. Others have contributed including Mike Zemaitis, Mike Warner, Patty Werner, Andrea Cline, KC Doyle. Map is posted on the wall. We have 44 sampling locations with a three tiered sampling system. Tier 1 is most comprehensive. Plan is flexible in that sites can be shifted between tiers – we can sample more frequently or less, depending on results. Permitting requirements for POTW upstream and

downstream monitoring and MS4 monitoring requirements will be covered.

Two major sampling programs: water chemistry at 44 sites 7 times a year. Subcontracted with Suburban Labs. QAPP is being reviewed by Illinois EPA. We hope to start sampling in August this year. Wet weather sampling twice a year in kind by the Lake County Public Works and the Health Department and North Shore Water Reclamation District.

Sediment chemistry concurrent with the bioassessment.

Biological assessment: fish, macroinvertebrates, and habitat.

Next up: RFP for bioassessment and monitoring strategy and

- ii. **Lakes Committee:** Mike Adam said that the committee has not officially met, because the priority was to develop a stream monitoring program. We have a good established lakes monitoring program through the Health Department. Planning on meeting this fall. If you are interested in serving on the committee contact Mike or Andrea.
 - iii. **Impairments Committee:** Scott Phippen said that the Impairments Committee also has not met because of the monitoring focus. A response to the impairments will need to be developed including education. If this is your area of interest contact Scott or Andrea.
- c. **Quarterly Status Report:** Mike Warner drafted a memo that membership can share with their elected officials. He provided an update on the status of the grant from Illinois EPA which will fund a watershed based plan and the DRWW monitoring strategy document. Mike has been working with the County to establish a DRWW account. Three invoices received to date: two for Geosyntec, one for Jim Bland's driving expenses.

6. **Next meeting: Quarterly meeting: Thursday, November 12th 2:00-4:00 PM at NSWRD**
7. **Old business:** None
8. **New business:** None
9. **Adjournment:** Mike A motioned to adjourn, Joe seconded the motion. The motion passed unanimously. The meeting was adjourned at 3:10pm.

Members Present:

Mike Adam, Lake County Health Department

Jim Bland, Sierra Club

Adam Boeche, Village of Mundelein

Dave Brown, Village of Vernon Hills

Andrea Cline, Geosyntec Consultants

Brian Dorn, North Shore Water Reclamation District

K.C. Doyle, Lake County
Brian Frank, Lake County
Betty Harrison, Village of Lake Zurich
Logan Hawley, Cardno
Donald Hey, Wetlands Research, Inc.
Peter Kolb, Lake County Public Works
Dan Krill, Lake County
Tim Lanum, Wetlands Research, Inc.
Austin McFarlane, Lake County Public Works
Joe Robinson, North Shore Water Reclamation District
Michael Talbett, Village of Kildeer
Steve Vella, Village of Libertyville
Mike Werner, Lake County Stormwater Management Commission

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