



**DES PLAINES RIVER WATERSHED WORKGROUP
ANNUAL MEETING
FEBRUARY 21, 2019 1:30-3:30 PM
LAKE COUNTY CENTRAL PERMIT FACILITY
500 W. WINCHESTER RD., LIBERTYVILLE, IL**

MEETING AGENDA

- 1. Introductions and Announcements** – Brian Dorn, *North Shore Water Reclamation District and DRWW President.*
- 2. Approve 11/15/18 meeting minutes**
- 3. Public Comment**
- 4. 2018 DRWW Accomplishments**
- 5. DRWW Business** – (Brian Dorn)
 - a. Executive Board Elections**
 - b. 2019 Dues and Budget** – Mike Warner, *Lake County Stormwater Management Commission, DRWW Administrative Agent*
 - c. Committee Updates**
 - i. Monitoring/Water Quality Improvements Committee** – Joe Robinson, *North Shore Water Reclamation District, Chair*
 - ii. Lakes Committee** – Mike Adam, *Lake County Health Department, Chair*
 - iii. Task Force**
- 6. Guest Speakers**
 - a. Coal Tar Sealants:** - Cindy Skrukrud, *Clean Water Program Director, Illinois Chapter, Sierra Club*
 - b. NARP Presentation:** Deanna Doohaluk, *DuPage River Salt Creek Workgroup* and Cindy Skrukrud, *Fox River Study Group*
 - c. POTW Roundtable Discussion – Nutrient Removal:**
 - North Shore Water Reclamation District
Brian Dorn, *Executive Director* and Joe Robinson, *Director of Laboratory Services*
 - Village of Libertyville – Public Works
Paul Kendzior, *Director of Public Works* and Steve Vella, *Wastewater Superintendent*
 - Village of Lindenhurst - Public Works
Charles Hernandez, *Utility Systems Manager*
 - Lake County Public Works
Rodney Worden, *Director* and Austin McFarlane, *Operations Manager*

7. Next General Membership meeting: Biannual meeting: August 15, 2019

8. Old business

9. New business

10. Adjournment



**DES PLAINES RIVER WATERSHED WORKGROUP
GENERAL MEMBERSHIP MEETING
NOVEMBER 15, 2018 9:00-11:00 AM
LAKE COUNTY CENTRAL PERMIT FACILITY
500 W. WINCHESTER RD., LIBERTYVILLE, IL**

MEETING AGENDA

- 1. Introductions and Announcements** – Brian Dorn, North Shore Water Reclamation District and DRWW President, will conduct introductions and provide an overview of the meeting

Brian Dorn called the meeting to order at 9:07 am. Roll call: Brian Dorn, Al Giertych, Michael Talbett, Jim Anderson, Joe Robinson, and Paul Kendzior - a quorum was present.

- 2. Approve 8/16/18 meeting minutes**

Michael Talbett motioned to approve the meeting minutes and Joe Robinson seconded the motion. The motion passed unanimously.

- 3. Public Comment**

Mike Prusila made announced that the Lake County Board adopted the Des Plaines River Watershed Based Plan as an amendment to the county wide stormwater management plan. The next step is to roll out the plan for community adoption. Look for communication from Mike Prusila or Ashley Strelcheck over the next couple of months regarding the process.

- 4. Guest Speaker – Chris Yoder, Midwest Biodiversity Institute (MBI) will present 2017 Data Results and the IPS tool**

Chris Yoder gave two PowerPoint presentations. His first presentation was on the Biological and Water Quality Assessment of the Upper Des Plaines Watershed which included 2017 Data Results. His second presentation was on the Integrated Prioritization System (IPS). Both of his presentations are posted on the DRWW website (www.drww.org) under the "Meetings" tab at "Meeting Presentations."

- 5. DRWW Business – (Brian Dorn)**

DRWW Business slides can be found in the 2018 General Membership PowerPoint presentation which is posted on the DRWW website (www.drww.org) under the "Meetings" tab at "Meeting Presentations."

- a. 2018 Financial Report – Mike Warner**

Mike Warner explained and presented the 2018 Financial Report including the budget, expense revenue activity, and invoices. Mike Warner highlighted the total revenue and total expenses columns. November 30, 2018 is the end of the fiscal year and a final report is expected to be published.

Paul Kendzior motion to ratify the outstanding invoices and Jim Anderson seconded the motion. The motion passed unanimously upon roll call vote.

- b. Approval of Executive Board Member Alternates – as set forth in Article V, Section 6 of the DRWW Bylaws – Mike Warner**

Mike Warner explained the approved new bylaw language to allow alternates to vote and presented the proposed alternates.

Mike Reynolds motion to approve the alternates as presented and Dave Brown seconded the motion. The motion passed unanimously.

c. Committee Updates

i. Monitoring/Water Quality Improvements Committee – Joe Robinson, Chair

Joe Robinson gave a recap of DRWW monitoring activities and explained the next steps DRWW plans to take. The next steps include the development of a Nutrient Assessment and Reduction Plan (NARP) and completing the final year of Bioassessment Monitoring. The NARP workplan is to be completed by Summer 2019 and the NARP is to be completed by 2023.

ii. Lakes Committee – Alana Bartolai (alternate for Mike Adam, Chair)

Alana Bartolai gave updates and explained the next steps with monitoring in Third Lake, Druce Lake, and Gages Lake. Alana also gave a brief update on the 2018 Deicing Workshop with over 1,200 attendees.

iii. Task Force – Michael Talbett

Michael Talbett gave updates on the November 7, 2018 Green Infrastructure Training Seminar. Michael mentioned that over 65 people registered and over 55 people attended. A tentative date for the next Training Seminar is November 2019.

6. Next General Membership meeting: Annual meeting: February 21, 2019 at 1:30 pm at Lake County Central Permit Facility Large Conference Room, 500 W. Winchester Rd, Libertyville, IL.

7. Old business

None.

8. New business

None.

9. Adjournment

Meeting adjourned at 10:50 am.

Jim Anderson motion to adjourn and Paul Kendzior seconded the motion. The motion passed unanimously.

Members and Delegates Present

Brian Dorn, President, North Shore Water Reclamation District

Al Giertych, Vice President, Lake County Division of Transportation

Michael Talbett, Treasurer, Village of Kildeer

Jim Anderson, Member at Large, Lake County Forest Preserve District

Joe Robinson, Committee Chair, North Shore Water Reclamation District

Paul Kendzior, Secretary, Village of Libertyville

Rob Flood, North Shore Water Reclamation District

Leslie Berns, Lake County Forest Preserve District

Alana Bartolai, Lake County Health Department
Mike Reynolds, Village of Buffalo Grove
David Brown, Village of Vernon Hills
Steve Vella, Village of Libertyville
Rosemary Heilemann, Woods and Wetlands and Sierra Club
Vince Mosca, Hey & Assoc.
Darren Olson, Christopher B. Burke Engineering
Johnathan Happ, Libertyville Township
Kirsten James, Hey & Assoc.
Phil Gaughran, Village of Lindenhurst
Mike Prusila, Lake County Stormwater Management Commission
Mike Warner, Lake County Stormwater Management Commission
Rafal Palka, Village of Lindenhurst
Robert Ells, City of Lake Forest

Additional Attendees Present

Beth Adler, Des Plaines River Watershed Workgroup
May Keen, Lake County Stormwater Management Commission
Caitlin Burke, Gewalt Hamilton Assoc.
Sarah Surroz, Openlands
Mary Fortmann, Openlands
Don Wilson, Citizen
Michael Costigan, Citizen

Certificates for 1 Professional Development Hour will be at the back of the room

***PDHs are self-reporting. If attendees want to apply DRWW meetings towards your professional license, keep the certificate, agenda, and minutes w/sign in sheets. Acceptance of these materials for credit is at the discretion of the licensing authority.

***MS4 Program BMP fulfillment. If attendees want to apply DRWW meetings and education towards your MS4 Program YR16 BMP Measurable Goals, keep the certificate, agenda and minutes w/sign in sheets. Acceptance of these materials for MS4 program credit is at the discretion of the Illinois EPA.



2018 Des Plaines River Watershed Workgroup (DRWW) Annual Accomplishments

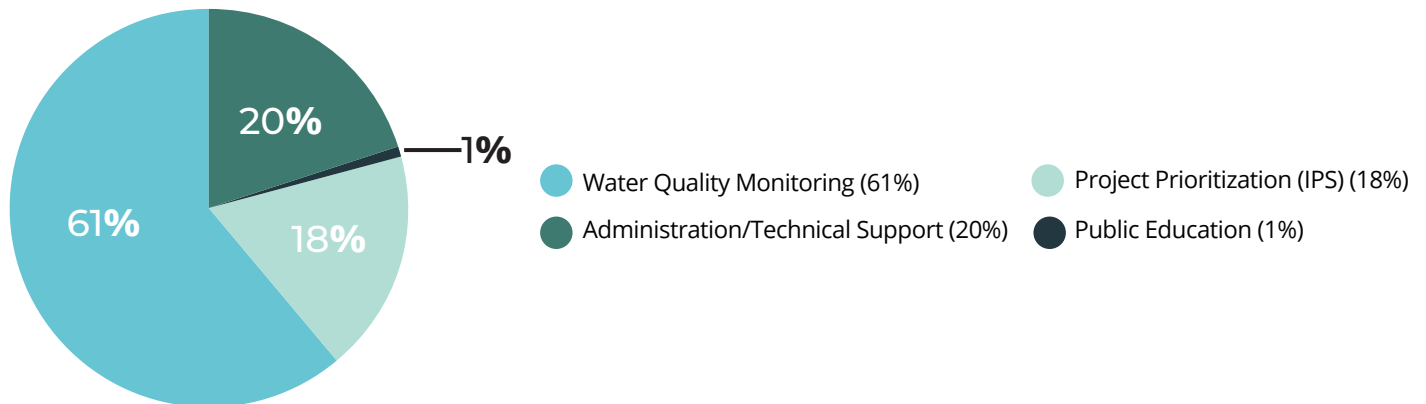
The DRWW continues to fulfill the monitoring requirements of its constituents. According to the Illinois EPA (IEPA), almost all the waterways within the Des Plaines River Watershed are impaired. To remove the watershed from the IL EPA's list of impaired waters, the Midwest Biodiversity Institute is determining the most cost-effective watershed-wide restoration projects. In anticipation of the permit renewal process in 2021 by the IEPA, the workgroup is addressing the regulatory requirements of its constituents. The DRWW also provided professional development opportunities to members, stakeholders and constituents.

Welcome New Members!

In 2018, the DRWW welcomed two new members for a total of 30 members and collected \$242,464 in membership dues.

- 2018 new members:
- Hey & Associates
 - Libertyville Township

Let's Talk Budget Numbers



Powerful Decision Making Tool

- The DRWW is excited about the Integrated Prioritization System (IPS) tool that is being developed with the Midwest Biological Institute (MBI).
- Several other watershed groups in Illinois have found enormous success with the IPS tool. The DuPage Salt Creek Watershed Group, for example, has saved millions of dollars using the IPS tool in lieu of implementing costly water treatment upgrades.

2018 Priorities

- The DRWW's IEPA approved Water Quality Assurance Project Plans (QAPP) will be streamlined in 2018.
- The IPS tool will meet the new municipal separate storm sewer systems (MS4) and National Pollution Discharge Elimination System (NPDES) regulatory requirements set by the IEPA.

Major Accomplishments

2015:

IEPA awards a 319 grant to develop a watershed plan. DRWW monitoring costs of \$279,000 were utilized as grant matching funds.

2016-2018:

The watershed plan is developed and is completed on time and on budget in June 2018.

September-November 2018:

IEPA approves the watershed-based plan, the Lake County Stormwater Management Commission (SMC) and the Lake County Board officially adopt the plan.

This guidance document substantially increases the odds of 319 funding for projects listed in the work plan.

Committee Reports:

Executive Board:

- The Executive Board is on track to create an IEPA approved Nutrient Assessment and Reduction Plan (NARP) by 2023.
- The NARP will keep MS4 permits and NPDES permits compliant, and the watershed plan meets prerequisites for project funding in the watershed.

Lakes Committee:

- Conducted extensive water quality monitoring on the inlets and outlets to Gages, Druce, and Third lakes to determine nutrient and pollutant sources. Compared field data with lake models to determine external and internal phosphorus contributions.
- Sponsored and assisted implementing the 2018 Lake County Deicing Workshop which was attended by over 180 people, 44 were from DRWW member communities.
- Sponsored an aquatic plant identification workshop.

Task Force:

- In collaboration with Applied Ecological Services (AES), the task force hosted a Green Infrastructure Training Seminar.
- Tailored to the needs of MS4 communities.
- The seminar was attended by 50 members and 17 non-members.

319 Grants:

The DRWW is partnering on three 319 grant applications in the watershed. The Workgroup has provided letters of support and committed to approximately \$2,800 of in-kind effort for education and public outreach for the following projects:

- Lake County Health Department: \$66,750
(Removal of Carp to Reduce Nutrient Enrichment in Impaired Lakes in Lake County)
- Lake County Forest Preserve District: \$400,341
(Van Patten Woods Hydrologic Restoration and Enhancement Project)
- Village of Libertyville: \$806,507
(Charles Brown Park Wetland Detention Project)

Appreciating Our Work:

In May, at the General Membership Meeting, attendees took a tour of Rollins Savanna Forest Preserve. The Lake County Forest Preserve District partnered with SMC and the Lake County Division of Transportation to monitor, research, and provide education on the restoration of 1,225 acres at Rollins Savanna. This enormous project cost more than 1 million dollars and implemented prairie reconstruction, drain tile removal, invasive species control, and reforestation activities.

DRWW Membership

Agency Members

City of Lake Forest
City of Park City
Lake County
Lake County Division of Transportation
Lake County Forest Preserve District
Lake County Public Works
Libertyville Township
North Shore Water Reclamation District
Village of Buffalo Grove
Village of Deer Park
Village of Deerfield
Village of Grayslake
Village of Green Oaks
Village of Gurnee
Village of Hawthorn Woods
Village of Kildeer
Village of Lake Zurich
Village of Libertyville
Village of Lincolnshire
Village of Lindenhurst
Village of Long Grove
Village of Riverwoods
Village of Round Lake Beach
Village of Third Lake
Village of Vernon Hills

Associate Members

Applied Technologies, Inc.
Christopher B. Burke Engineering
Lake County Stormwater Management Commission
Sierra Club
Vernon Hills Park District



In accordance with Des Plaines River Watershed Workgroup Bylaws . . .

Article VI – Elections and Terms of Office of the “The Executive Board shall nominate individuals for the offices of President, Vice President, Treasurer, Secretary and member at large positions. The Executive Board shall attempt to nominate individuals who represent a cross section of Workgroup members. Prior to, the Annual meeting of each odd numbered year, the President shall send to the membership a complete list of Executive Board nominees.”

The following are the nominees under consideration for Executive Board for 2019 – 2020:

- President: Brian Dorn, *North Shore Water Reclamation District* (Alternate: Dave Miller, *North Shore Water Reclamation District*)
- Vice President: Al Giertych, *Lake County Division of Transportation* (Alternate: Mike Zemaitis, *Lake County Division of Transportation*)
- Treasurer: Michael Talbett, *Village of Kildeer*
- Secretary: Paul Kendzior, *Village of Libertyville* (Alternate: Steve Vella, *Village of Libertyville*)
- Member at Large: Jim Anderson, *Lake County Forest Preserve District* (Alternate: Leslie Berns, *Lake County Forest Preserve District*)
- Monitoring/Water Quality Improvements Committee Chair: Joe Robinson, *North Shore Water Reclamation District* (Alternate: Rob Flood, *North Shore Water Reclamation District*)
- Lakes Committee Chair: Mike Adam, *Lake County Health Department* (Alternate: Alana Bartolai, *Lake County Health Department*)

Des Plaines River Watershed Workgroup BUDGET (January thru December)				Modified FY2018	FY2018 Actual	Projected FY2019	Projected FY2020
REVENUE/Description		Account #	FY2017 Actual				
Dues/Membership dues	775-4220010-46010	\$ 249,437	\$ 235,000	\$ 241,104	\$ 240,000	\$ 240,000	
Expendable Carryover Addition	775-4220010-46010	\$ 192,559	\$ 122,557	\$ 122,557	\$ 92,019	\$ 1,362	
Other State Funds/Illinois EPA 319 Grant	775-4220010-45350	\$ 47,500					
Total Revenue		\$ 489,496	\$ 357,557	\$ 363,661	\$ 332,019	\$ 241,362	
EXPENSES/Description							
Consultants/Technical Coordinator (GeoSyntec thru 4/30/16) PO 154955	775-4220010-71150	\$ 6,317					
Consultants/Tech Coordinator (Beth Adler) PO 166092	775-4220010-71150	\$ 54,874					
Monitoring Strategy and QAPP Refinement (IEPA Reimbursable)	775-4220010-71170						
WQ-Sediment Analysis - (Suburban Labs - July 2016 - April 2017) PO 162822	775-4220010-71310	\$ 111,977					
Suburban Laboratory's Fees/Water Chemistry Monitoring (July 2016 - March 2017)	775-4220010-71310						
SubLabs - Chem All/yr; 1/3 Sediment/yr	775-4220010-71310						
Pollutant Load Initial Flow Analysis - (Burns and McDonnell)	775-4220010-71310	\$ 41,795					
MBI - Initial Bioassessment/Sediment Sample-Analysis-Reporting (to 12/31/17) PO 164167 - FINAL	775-4220010-71310	\$ 121,697					
MBI - Year 1 - 1/3 Watershed Sampling	775-4220010-71310	\$ 30,280					
2018 Tech Coordinator (Beth Adler)	775-4220010-71150		\$ 55,560	\$ 51,217			
2018 Contract 10% Retainage Payout - Burns and McDonnell 2017 Flow Analysis	775-4220010-71310		\$ 6,550	\$ 6,550			
2018 SubLabs - Chem All/yr; 1/3 Sediment/yr - Work starts in Jan/May/Jul/Aug/Oct	775-4220010-71310		\$ 81,820	\$ 79,595			
2018/2017 MBI - Initial Bioassessment/Sediment Sample-Analysis-Reporting (to 12/31/17) PO 164167 -	775-4220010-71310		\$ 3,411	\$ 3,411			
2018/2017 MBI - Year 1 - 1/3 Watershed Sampling Remainder 2017 Contract Work	775-4220010-71310		\$ 47,720	\$ 38,101			
2018 MBI - Year 2 - 1/3 WATERSHED SAMPLING -Work Starts in June	775-4220010-71310		\$ 45,600	\$ 42,348			
2018 MBI IPS Modelling Monitoring Statistics and Project Prioritization	775-4220010-71310		\$ 60,000	\$ 20,896			
2018 Lakes Committee - WQ Sampling - LCHD	775-4220010-71310		\$ 20,000	\$ 18,370			
2018 SMC Administrative+GIS Services (May 1st thru December 31st)	775-4220010-79940		\$ 12,000	\$ 11,154			
2018 public education (e.g.; printing, workshops,)	775-4220010-79950		\$ 2,000	\$ -			
2019 NARP Scope Development (Geosyntec) (Contract Pending)	775-4220010-71150				\$ 64,500		
2017/2018 (Year 1) MBI - 1/3 WATERSHED SAMPLING					\$ 9,619		
2019 MBI (Year 3) - 1/3 WATERSHED SAMPLING (Contract Pending)					\$ 84,146		
2018/2019 MBI IPS Modelling Monitoring Statistics and Project Prioritization	775-4220010-71310				\$ 39,104		
2019 SubLabs - Chem All/yr; 1/3 Sediment/yr (Contract Pending)					\$ 88,288		
2019 Lakes Committee - WQ Sampling (Contract Pending)					\$ 20,000		
2019 SMC Administrative/GIS/Technical Support (Contract Pending)					\$ 25,000		
2020 MBI - 1/3 WATERSHED SAMPLING						\$ 80,000	
2020 SubLabs - Chem All/yr; 1/3 Sediment/yr						\$ 88,000	
2020 SMC Administrative/GIS/Technical Support						\$ 30,000	
Projected Expenses		\$ 366,939	\$ 334,661	\$ 271,642	\$ 330,657	\$ 198,000	
Projected Unexpended Carryover		\$ 122,557	\$ 22,896	\$ 92,019	\$ 1,362	\$ 43,362	