

DuPage River Salt Creek Workgroup
General Membership Meeting
Village of Lombard Community Room
August 30, 2023
Minutes

Please note the meeting is in-person but will also be broadcast remotely. Votes will only be tabulated by those attending in-person. If you need the virtual option here is the Registration Link:

https://us02web.zoom.us/webinar/register/WN_IZXD27RCSNC4bDVKKphZPw

President Gorman called the meeting to order at 9:06am.

1. Welcome and Introductions

2. Approval of the June 28, 2023 General Membership Meeting Minutes (Attachment 1). *R. Hayden made a motion to approve the June 28, 2023 General Membership Meeting Minutes. The motion was seconded by J. Lomax. The motion passed unanimously.*

3. Presentation Abstract: Are Stormwater Biofilters Causing Nutrient Impairments?

Rain gardens have become a common stormwater management tool in urban landscapes. Biofilters are a type of rain garden in which underdrains capture treated stormwater and discharge it back to the storm sewer system. Stormwater professionals have discovered that biofilters containing compost can release phosphate and/or nitrate from the underdrains. We investigated the tradeoffs between nutrient release and plant growth with thirty outdoor biofiltration mesocosms comprising thirteen different media mixes for capture (or release) of phosphate, plant growth, and filtration rate. Media components included food residue compost, leaf compost, sphagnum or reed sedge peat, biochar mixed with leaf compost, spent lime mixed with leaf compost, iron filings mixed with leaf compost, sphagnum peat mixed with leaf compost, and leaf compost layered over iron filings. This presentation will share the final performance results from four rainy seasons of simulated runoff events including road-salt-laden events to simulate spring snowmelt in cold climates like MN. With the information from this study, stormwater practitioners will be able to design better biofiltration practices that capture phosphorus and support healthy vegetation.

Presenter: Andy Erickson, Research Manager, St. Anthony Falls Laboratory, University of Minnesota

The presentation has been submitted for approval by the IEPA as CEUs for the Wastewater Operator and Drinking Water Operator Certifications. The IEPA course number will be provided to all attendees via email following the meeting.

**DuPage River Salt Creek Workgroup
General Membership Meeting
Village of Lombard Community Room
August 30, 2023
Minutes**

SPECIAL CONDITIONS PERMIT ACTIVITIES

4. Special Conditions Permit Administration

- **2020 Permit Negotiations** –Wood Dale North and Elmhurst have received their draft permits from the IEPA and staff is assisting the WWTP with the review of the permits to ensure the included Special Condition language is consistent with the agreed upon language. MWRD plants (Egan and Hanover Park) would then be the only member permits to not have the latest version of the special conditions (their current permits expire in 2026).
- A visit to the IEPA was held on July 13, 2023 on behalf of Naperville WRC. The meeting was to discuss elements of the WRCs new permit. At the meeting the NIP proposal was discussed.
- **Additional Permit Items**
 - MWRD – The MWRD Board voted at their May 18th Board Meeting to grant Authority to advertise Contract 21-863-2C Master Plan for Salt Creek at Fullersburg Woods. An update to the existing agreement is underway. See the Graue Mill Dam discussion under Section 5.0 for more information.
 - Glendale Heights – We have reached out to West Chicago, Wheaton, Bartlett, Itasca, and Bensenville to talk about a “Glendale Heights MOU” for their agency. An updated MOU has been signed with Bensenville.
- **ECHO/CDX Net DMR** – Inaccurate listings on this NPDES permit tracking system has been an issue. This item will also be raised with IEPA during the Fall visit to Springfield.

5. Physical Projects (Ongoing)

Fawell Dam Modification

- **MOU** – The County has reviewed the MOU and is preparing comments for DRSCW. (meeting on July 31, 2023 with County Storm Water). The MOU may be presented to the DC SWM Committee at their October 3, 2023 meeting. The MOU will also be presented to the FPDDC Board of Commissioners at their September 19, 2023 meeting.
- **Potential Project Design Modifications** – DC has opted for the scenario that would have the ladder disassembled at the Fawell gate during cold weather months. The section will be designed to be removed both manually and by a crane. DC wants DRSCW to cover this annual cost (estimated at \$14,000 a year if a crane used) indefinitely. The current budget has \$135,000 of contingency and \$100,000 for trouble shooting for FY2024-25 that can be used for this but this item will have to go to the Projects Committee for discussion. *A concern was noted about having maintenance requirements for the DRSCW in perpetuity since the DRSCW will not be around forever. Staff noted that the current MOA will limit the*

**DuPage River Salt Creek Workgroup
General Membership Meeting
Village of Lombard Community Room
August 30, 2023
Minutes**

terms of the coverage for 5-10 years so the terms of the maintenance requirements will be revisited at the time of the MOA renewal.

- **Purchase and Fabrication** – A contract with BK Riverfish for design fabrication, delivery and supervision of installation of the ladder is under development.
- **Next Steps**
 - Initial permitting discussion with IDNR
 - Obtain DC SWM and Projects Committee agreement on draft plan set
 - Obtain DC SWM and Projects Committee agreement on draft plan and MOU
 - Update and expand V3 contract covering final design and permitting
 - Obtain Project Permits
 - USACE Permit
 - IDNR-OWR (Dam Modification / Floodway Construction)
 - DC SWM (should be a duplicate in many ways of the two other permits)
 - As the project is under one acre of disturbance we shouldn't need an IEPA ILR10
 - Sign contract and place fabrication order with BK Riverfish
 - DC issues bid for ladder placement contract
 - Fabrication of ladder completed
- **Post Project Monitoring** – DRSCW is working with partners and BK Riverfish on a plan for post-project monitoring.
- **Parallel Work** – DuPage County needs to conduct some maintenance repair on the Fawell Dam. If possible, DuPage County would like to coordinate this work with the installation of the fish ladder.
 - ✓ *L. Cox made a motion to authorize the DRSCW Officers and Projects Committee to negotiate and execute the MOA with DC Stormwater and the FPDDC. The motion was seconded by J. Hammer. The motion passed unanimously.*

Graue Mill Dam

- **Project Schedule**
 - Concept Master Plan – Completed September 23, 2020.
 - Final Report on Public Outreach – Completed September 2020.
 - Final Engineering and Preparation of Contract Bid Documents – On-going. See details below.
 - Construction – Pending.
- **Partner Outreach** – No Update.
- **HB066** – No update.
- **Final Engineering and Preparation of Contract Bid Documents**
 - Preliminary Modeling/Design – All work associated with the Preliminary modeling/design has been completed and has been used to develop the Bid plan set and

**DuPage River Salt Creek Workgroup
General Membership Meeting
Village of Lombard Community Room
August 30, 2023
Minutes**

specifications. This includes the additional survey work, geotechnical survey, sediment sampling, structural analysis of the dam, and floodwall inspection, and the design of the visitor experience/recreations amenities.

- Permitting – The project will require, at a minimum, permits from DuPage County, the US Army Corps of Engineers (ACOE) and Illinois Environmental Protection Agency
 - ACOE/IEPA Permits
 - ◆ Section 404 Permit Application (ACOE) – The ACOE final decision document on the IP is in review by ACOE staff and the issuance of the permit is forthcoming. Draft condition language was provided to the Project Team on May 19, 2023.
 - ◆ Section 401 Water Quality Certification – The Section 401 Water Quality Certification was received from the IEPA on May 8, 2023.
 - ◆ Section 106 Consultation— The MOA has been signed by the signatory parties including the DRSCW, FPDDC, Illinois SHPO, and is currently being routed through the ACOE. It has also been signed by the ACOE’s Office of Counsel, the Chief of Operation and Maintenance, and the Commander of the Chicago District. It has also been forward to the Advisory Council on Historic Places thus closing the Section 106 process. Mitigation measures included in the MOA are as follows: 1) Submittal of a nomination for the Fullersburg Woods Forest Preserve Historic District; 2) The installation of a system of pumps and weirs to allow water to be placed into and removed from the mill race while the rotation of the wheel would be powered by an electric motor and 3) a minimum of three additional interpretive panels shall be developed, produced and installed regarding the CCC structures located within the Preserve. Consulting parties are not required to sign the MOA.
 - ◆ USFWS Section 7 Consultation – On May 12, 2023 both the ACOE and USFWS concurred with our no effected determination for the northern long-eared bat. No further action is needed on the Section 7 consultation.
 - ◆ Kane/DuPage SWCD – The KDSWCD approval of the SESC plans was received on June 20, 2023.
 - DuPage County
 - ◆ DuDOT – All comments received from DuDOT on our permit application have been addressed. However, due to permit requirements (such as needing the bond from the contractor), this permit cannot be issued until the contract is awarded.
 - ◆ DC Building and Zoning – The DC Building and Zoning Permit was issued on June 6, 2023.
 - ◆ DC SWM – DC SWM issued the Stormwater Certificate for the project on May 25, 2023.

**DuPage River Salt Creek Workgroup
General Membership Meeting
Village of Lombard Community Room
August 30, 2023
Minutes**

- INDR-OWR
 - ◆ Floodway Construction Permit – Delegated to DC SWM and issued as part of the DC Stormwater Certificate on May 2, 2023.
 - ◆ Dam Removal Permit – IDNR-OWR needs the Section 106 MOU to be ratified by the ACOE and for SHPO to approve the photo documentation on the dam in order to modify the existing permit to allow for the removal of the dam. While we wait for the MOU to be routed through the ACOE, we have submitted the documentation of the dam for SHPO’s review and received their conditional approval of the photos and documentation. We will continue the coordination with SHPO and IDNR-OWR to facilitate the issuance of the permit modification.
- Bid Documents – Final contract plans, specification and documentations were submitted to MWRD on May 31, 2023. These documents will be used for bidding (see below).
- Weekly Progress Meeting – Weekly or bi-weekly progress meetings are being held with Hey and Associates, FPDDC, and MWRDGC.
- **Bidding and Construction**—MWRDGC will bid and provide oversight of the construction of the project. MWRD’s Board of Commissions approved the Master Plan’s construction contract at their May 18, 2023 meeting. The proposed Bid Schedule is as follows:
 - Bid Advertisement: June 21, 2023
 - Site Visit/Pre-Bid: July 11/12, 2023
 - Bid Opening: July 25, 2023
 - Award: September 7, 2023

Two valid bids were received on July 25, 2023, V3 and F.H. Paschen with V3 being the low bid at project total of \$9,375,745.00. The bid breaks down as follows:

Cost Proposal	Description	Cost
A	Dam Removal and Stream Restoration	\$7,764,495.00
B	Floodwall	\$270,500.00
C	Selective Clearing Mgmt Unit 2	\$162,900.00
D	Planting Riparian Wetland Conversion	\$64,900.00
E	Planting of Riparian Wetland Enhancement	\$118,000.00
F	Plant Plugs	\$420,000.00
G	Trees and Shrubs	\$107,450.00
H	CA-1	\$65,000.00
I	FA-2	\$32,500.00
J	6-8" Cobbls	\$115,000.00
K	8-16" Boulders	\$115,000.00
L	24-36" Boulders	\$140,000.00

**DuPage River Salt Creek Workgroup
General Membership Meeting
Village of Lombard Community Room
August 30, 2023
Minutes**

DRSCW currently has \$5,465,071 budgeted for the construction of the Project. In order to increase construction budget to \$9.5 Million, Staff and the Executive Board recommend the following changes to the 5-Year Financial Plan:

INCOME

- *Add \$2,044,941 from the MWRD extension to their upcoming new permit to the "Special Conditions Assessments" revenue line (this has been voted on by the MWRD Board and is being formalized in an agreement).*

EXPENDITURES

- *Add the \$2,044,941 to the FY2024 -2025 expenditures for Fullersburg Dam Removal.*
- *Move \$300,000 from Fullersburg Dam Removal expenditure in FY2025-2027 to Fullersburg Dam Removal expenditure FY2024-2025.*
- *Take \$500,000 from the contingency line FY2024-2027 and move it to Fullersburg Dam Removal FY2024-2025.*
- *Move \$1,190,000 from Southern East Branch Stream Enhancement FY2024-2025 to Fullersburg Dam Removal expenditure FY2024-2025.*

NOTES:

All changes are confined to the Special Assessment Projects. Changes are:

- *total available funds in contingency 2023-2027 fall from \$1,110,345 to \$610,345*
- *total available funds for Southern East Branch stream enhancement falls from \$4,000,000 to \$2,810,000. Hopefully, this project is the recipient of the ACOE grant.*

As the recommended budget changes do not impact the current fiscal year, a budget amendment is not needed at this time. The changes will be made to the FY2024-25 Budget and 5-Year Financial Plan.

The cons of rebidding the contract were also discussed. The considerations of rebidding the contract include: 1) Timing- rebidding the contract would delay the construction by approximately 1 year as the 2023-2024 winter/spring construction season would be missed and likely construction would not be able to start until the low flows of Fall/Winter 2024; 2) There will be additional costs of rebidding the contract including additional consulting fees to prepare a new bid package as well as permit extension fees; 3) The probability of a lower bid price without significant design changes is low and there is no valuable engineering to be done within the contract to lower the prices; 4) The contract is currently on schedule to coordinate with other FPDDC work at Fullersburg Woods; 5) The project contains significant funds from MWRD which are tied to the MWRD bid process; and 6) the low bid contractor

**DuPage River Salt Creek Workgroup
General Membership Meeting
Village of Lombard Community Room
August 30, 2023
Minutes**

from this bidding process, V3, has a great working relationship with the FPDDC on similar projects.

MWRD Engineering has sent a memo to Procurement and Material Management recommending awarding the contract to V3 by the MWRD Board at their September 7, 2023 meeting. Prior to the September 7, 2023 MWRD Board Meeting, the DRSCW and MWRD need to sign a new Agreement (mirrors the agreements with other members with the special conditions in their permit). The Agreement outlines MWRD's commitment to bid and manage the construction of the Master Plan for Salt Creek and provide approximately \$6.2 in funding for the project. It also includes DRSCW commitment to reimburse MWRD for all costs above MWRD's \$6.2 million in funding for the Project. *DRSCW and MWRD staff have finalized the language of the agreement; and the draft agreement was shared with the Executive Board via email on August 29, 2023.*

Stephen noted that the amount in the agreement was actually \$6,010,012. The \$6.2 includes MWRD's "study" contribution, which has already been paid.

✓ *E. Lanphier made motion to authorize the DRSCW Officers to negotiate and execute the MWRD Agreement. The motion was seconded by B. Garelli. The motion passed unanimously.*

- **Pre-Project Monitoring** – No monitoring is scheduled for 2023.

Spring Brook Phase II

- **2022 Post Project Monitoring** - The monitoring DO/pH data gathered following the observed high pH at the site have been shared with the FPDDC. Thanks to WSD for their assistance in investigating this item.
- **2023 Post Project Monitoring** – Post project monitoring is scheduled for summer 2023. A contract MBI for the post-project biological sampling has been signed. Fish and habitat sampling are scheduled for mid-September 2023. Staff is also working on a plan to include an evaluation of the benthic algae development at the site in the post-project sampling.

Southern East Branch Stream Enhancement Project

- **Conceptual Design Report** - The Final Conceptual Design Report for the Lower East Branch DuPage River Stream, Restoration Project, has been delivered by Interfluve. The report has been forwarded to the stakeholder group and the Projects Committee. The Conceptual Design has been sent to Com-Ed's Realty Department. Despite several prompts the Realty Department has been unresponsive. Staff will continue attempting to solicit a response.
- **Funding under ACOE Section 206** – The Lower East Branch Stream Restoration Project was submitted to the ACOE for consideration for funding under the Section 206 Aquatic

**DuPage River Salt Creek Workgroup
General Membership Meeting
Village of Lombard Community Room
August 30, 2023
Minutes**

Restoration Program. Per email communications with Frank Veraldi of the ACOE, Reaches 2-4 of the project have been included in the list of projects to be funded. The 206 program provides the following funding: up to \$10,000 for the preparation of a Federal Interest Determination Document, up to \$400,000 for a Project Feasibility Study, and up to \$15 million for Design and Implementation. All monies require a 35% match; cash, land costs, and in-kind services can be used as match.

- **Letters of Support** –A letter of support for the funding the project by Section 206 has been obtained from US Representative Bill Foster and forwarded to the ACOE.
- **Schedule Update**– Staff met with Interfluve and discussed the project. A draft scope has been developed to take the next steps as a backup against ACOE funding not materializing (currently DRSCW has budgeted \$4M for construction). The draft scope has been sent out to the stake holder group.
- **2023 Pre-Project Monitoring** – Pre-project monitoring is scheduled for summer 2023. The habitat survey, the macroinvertebrate sampling, and the first pass of the fish sampling are complete.

Klein Creek Streambank Stabilization Project (Southern West Branch in permit)

- **Construction Progress Update** – Construction of the DRSCW section is complete. Trees and shrubs were planted in May 2023. Plugs will be installed in two phases. Phase 1 will be conducted in June 2023 with Phase 2 to follow in September 2023. The splitting of the plug planting allows for field modifications of plug placement due to observed hydrology within the project. Baxter & Woodman has conducted a drone survey to collect lidar data of the site. ENCAP also collected soil samples in the wetland areas to verify wetland hydrology.
 - **Payment** – Payments totaling \$862,974.55 have been made to Carol Stream for the Project. A request for reimbursement of \$132,532.50 has been received from Carol Stream and is being reviewed by staff. If approved \$104,492.25 of DRSCW’s \$1,100,000 commitment would remain.
- **2023 Post Project Monitoring** –After discussions with Carol Stream, it has been decided that post-project sampling will not be conducted in 2023 due to seeding/planting being completed in late spring 2023. Post-project sampling will commence in 2024.
 - **Site walkthrough with MBI** – A walk through with MBI staff was held in July (QHEI pointers).

6. Physical Project Update (Not Yet Started)

- **Project Evaluation Matrix** – A matrix is being developed for scoring future projects for possible funding via the Special Condition or NIP funds. The draft Matrix was presented to the Projects Committee for their review at their June 3, 2021 meeting. Staff is

**DuPage River Salt Creek Workgroup
General Membership Meeting
Village of Lombard Community Room
August 30, 2023
Minutes**

incorporating the Project Committee's comments/suggestions and will share the updated Matrix with the Project Committee via email for review/comment.

7. Nutrient Implementation Plan

- **DRAFT NIP** -- Staff and the Consultants have been working on the text of the NIP. To date drafts of the following sections have been completed as staff drafts with Tetra Tech review:
 - Intro to DRSCW/LDRWC
 - Why is Aquatic Life the Focus of the NIP
 - Workgroup Studies and Management Plans
 - Water Quality Assessment (designated uses, impaired uses, applicable WQS, etc.)
 - Watershed Characterization (topography, land cover, soils, population, climate, hydrology, POTWs, MS4s, Industrial users, etc.)
 - Sources of TP and TP existing ambient conditions
 - Deriving and ambient TP Threshold for aquatic life
 - QUAL2Kw model development summary

These sections are in review by Staff and Consultants and once the review is complete, the drafts will be shared with the Projects Committee and Special Condition Permit Holders for their review and comment before integration into the draft document.

- **Watershed Specific Instream TP Target** – A meeting of DRSCW special condition permit holders was held on May 3, 2023 at the Village of Lombard. The core of the discussion was the adoption of the 0.11 to 0.28 mg/l TP IPS threshold as a warm weather watershed goal (equivalent to approximately a 0.35 mg/l TP effluent standard). No objections were raised to making this the objective of the NIP.

A meeting with the LDRWC SC Permit Holders was held on June 6, 2023 to address the same question. No objections to adopting the 0.11 to 0.28 mg/l TP IPS threshold as a warm weather watershed target were raised by LDRWC members in attendance at the June 6, 2023 meeting. However, as modeling predicts the LDRWC WWTPs are able to meet the instream water quality target (less than 0.28 mg/l) with an effluent limit of 0.5 mg/l, the LDRWC members would like to propose a TP effluent limit of 0.5 mg/l for the LDRWC in the NARP for their mainstem WWTPs.

Other topics discussed at the May 3, 2023 SC Permit Holders meeting included the reporting limits for the TP effluent limits (seasonal, monthly average, geometric mean, or

**DuPage River Salt Creek Workgroup
General Membership Meeting
Village of Lombard Community Room
August 30, 2023
Minutes**

a combination), timeline/implementation schedule for TP effluent limits, and proposed special assessments.

Following Board discussion Staff will prepare meeting minutes of the May 3, 2023 and June 6, 2023 meetings which will be shared electronically with all Special Condition Permit Holders. A follow-up meeting with all Special Condition Permit Holders to discuss the reporting limits, timelines, and special assessments will be scheduled for September 2023.

- **Acknowledgment of NIP Submittal by DRSCW Members** – When the draft of the NIP is submitted for review, a notice will be sent electronically to all Special Condition Permit Holders to notify them that we intend to submit the NIP on their behalf. If a Special Condition Permit Holder would like to opt out of the submittal they should let us know by an agreed upon date. If Special Condition Permit Holders opt out, they would be responsible for submitting their own NIP to the IEPA by December 31, 2023.
- **Newsletter** – As a means of keeping our elected officials informed about DRSCW’s NIP requirements, the DRSCW Summer Newsletter was focused on the NIP. It included topics such as the watershed specific instream TP target, Illinois NLRs, NSAC, NIP, or other related work. The Newsletter was distributed to all members in July 2023.
- A meeting with County Staff was held on July 31, 2023. The objective of the meeting was to update Storm Waters Director, Sarah Hunn, on the NIP proposal. Present at the meeting were Sarah Hunn and Mary Beth Falsey for Storm Water and Nick Kottmeyer and Sean Reese for Public Works. It was concluded that it would be useful to do a presentation to the DC Storm Water Committee on the NIP and its recommendations, which has been tentatively scheduled for October 3, 2023.
- **NIP Consultant(s)**
 - TetraTech – A contract not to exceed \$48,912.71 has been signed with Tetra Tech for the purpose of supporting the development of the NIP. General scope tasks include 1) development of a NIP framework; 2) drafting background information on the nutrient limits development; 3) incorporating QUAL2Kw documentation and reports into the NIP; 4) data analysis and visualization; 5) additional QUAL2Kw scenarios; 6) drafting conclusions; 7) assistance with drafting an implementation schedule; 8) project management; and 9) technical editing. A kickoff meeting was held with Tetra Tech on May 30, 2023.
 - MBI – A scope has been developed with MBI to assist with selected sections of the NIP. The work being done under MBI’s professional Service Agreement includes developing the primacy of aquatic life section, updating graphics and reviewing staffs IPS and TP write ups.

**DuPage River Salt Creek Workgroup
General Membership Meeting
Village of Lombard Community Room
August 30, 2023
Minutes**

- **QUAL Model Update**

- Model Set-up and calibration – Model calibration and sensitivity analysis is complete for the East Branch DuPage River, Salt Creek, West Branch DuPage River, and Lower DuPage River. Model set-up and calibration reports were originally submitted to the Projects Committee for review in April 2022. Updated drafts are being disseminated to the Projects Committee and Special Condition Permit Holders on April 10, 2023.
- Dam Removal Scenarios – Model runs depicting the removal of the Hammel Woods Dam (Lower DuPage River) and Graue Mill Dam (Salt Creek) have been finalized. These models (dams removed) are serving as the “baseline” model for subsequent basin model scenarios. These results were shared with the Projects Committee at their November 30, 2021 meeting.
 - Crescent Boulevard – An additional scenario was run on the East Branch DuPage River to simulate modification to the Crescent Boulevard bridge to allow for a free-flowing stream in this segment of stream (versus the Churchill Lagoons).
- TP Reduction Scenarios
 - 0.35 mg/L ANNUAL TP effluent limit (assuming an effluent discharge concentration of 0.28 mg/L) – This scenario has been run on all four (4) models. The results of this scenario show that with an effluent limit of 0.35 mg/L at all WWTPs, instream concentrations of TP fall between our TP IPS threshold of 0.11 mg/L to 0.28 mg/L.
 - 0.28 mg/L ANNUAL TP effluent limit (assuming an effluent discharge concentration of 0.28 mg/L) – This scenario has been run on the East Branch model only. The results of this scenario also show that with an effluent limit of 0.28 mg/L at all WWTPs on the East Branch, instream concentrations of TP fall between our TP IPS threshold of 0.11 mg/L to 0.28 mg/L.
 - SEASONAL TP limits of 0.35 mg/L effluent limit (assuming an effluent discharge concentrations of 0.28 mg/L) from May to October and 0.5 mg/L effluent limit (assuming an effluent discharge of 0.4 mg/L) from November to April – This scenario has been run on all four (4) models. The results of this scenario show that with the 0.35 mg/L/0.5 mg/L seasonal limit at all WWTPs, instream concentrations of TP fall between our TP IPS threshold of 0.11 mg/L to 0.28 mg/L.

**DuPage River Salt Creek Workgroup
General Membership Meeting
Village of Lombard Community Room
August 30, 2023
Minutes**

- 0.5 mg/L ANNUAL TP effluent limit (assuming an effluent discharge concentration of 0.4 mg/L) – This scenario has been run for all four (4) models
- 0.0 mg/L discharge of TP, TN, CBOD, and Ammonia – This scenario was run on all four (4) models to evaluate the DO conditions in the streams under no point source discharge of nutrients.
- No flow (and no discharge of pollutants) – This scenario was run on all four (4) models to evaluate the DO conditions in the stream with no discharge from WWTPs.
- Other Scenarios - Scenario Runs to evaluate varying levels of TP discharge among WWTP within a watershed– The Projects Committee discussed additional potential scenarios including varying TP effluent limits by POTWs based on TP treatment costs, treatment methodology, or other factors with the goal that the TP effluent limits at each POTW will still meet an instream TP goal of less than 0.28 mg/L. To date, Tetra Tech has conducted the scenarios below. With the exception of the scenarios run on the Lower DuPage River, the initial evaluation of the model results does not show an instream concentration within our TP threshold (0.11 mg/L to 0.28 mg/L) for the entire length of the mainstems.
 - Salt Creek
 - ◆ Egan at a TP effluent limit of 0.35 mg/L and the downstream WWTPs at their current TP discharge limits.
 - ◆ Egan at a TP effluent limit of 0.10 mg/L and the downstream WWTPs at their current TP discharge limits.
 - ◆ Egan at a TP effluent limit of 0.35 mg/L and the downstream WWTPs at an effluent limit of 1.0 mg/L.
 - West Branch DuPage River
 - ◆ MWRD Hanover Park, Carol Stream and WSD at a TP effluent limit of 0.35 mg/L and all other WTPP at a TP limit of 1 mg/L
 - Lower DuPage River
 - ◆ Naperville, Bolingbrook, Crest Hill at a TP effluent limit of 0.35 mg/L, and all other WWTPs at their current discharge (All West Branch and East Branch WWTPs at 0.35 mg/L)
 - ◆ All Lower DuPage WWTPs at their TP current discharge and all West Branch and East Branch WWTPs at 0.35 mg/L
 - ◆ All LDRWC at a TP effluent limit of 0.5 mg/L or their current discharge, whichever is lower (All West Branch and East Branch WWTPs at 0.35 mg/L)

**DuPage River Salt Creek Workgroup
General Membership Meeting
Village of Lombard Community Room
August 30, 2023
Minutes**

- ◆ Naperville, Bolingbrook, Crest Hill at a TP effluent limit of 0.35 mg/L, and all other WWTPs of 0.5 mg/L or their current discharge, whichever is lower (All West Branch and East Branch WWTPs at 0.35 mg/L)
 - DO Scenarios: Staff is working with Tetra Tech on the analysis of the DO data from the models to document DO improvement associated with TP reductions from the WWTPs and to identify other means of improving DO conditions.
 - Scenario Report – Tetra Tech is drafting the scenario report. Additional graphs as requested by the Projects Committee (% of time below DO standard, chlorophyll a, etc.) have been developed. The draft scenario report will be shared for review at the Projects Committee.
- **Non-Point Source Phosphorus Feasibility Analysis**
 - Analysis of Street Sweeping and Leaf Litter Collection Practices
 - Final Report – The final report was submitted to the IEPA on December 24, 2021. The final report can be found at https://drscw.org/wp-content/uploads/2022/01/drscw_npsphosphorusreductionfeasibilityanalysis_final.pdf
 - Missing Agencies – Staff has followed up with the two principle agencies not covered by the survey in 2021 (DuPage DOT and Illinois Tollway). Staff has a response from the DOT already. Smaller agencies who did not respond are being ranked for follow-up to see if additional data can be gathered. The new information will be placed as an addendum to the report.
 - Other Related Work – Staff is investigating the use of the IPS for determining NPS impacts to headwater and non-effluent dominated streams.
- **Expanded DO Monitoring Program**
 - 2023 Sampling – In 2023, Expanded DO sampling will be conducted in the East Branch DuPage River watershed and at three (3) reference sites. Starting in 2023, the Expanded DO program will be part of the Bioassessment Program. See Section 9.0 Bioassessment for more details on the 2023 Expanded DO sampling.
- **IPS Model Update**
 - Final Report – The final report is complete and has been posted on the website at: <https://drscw.org/activities/stressors-analysis/>
 - The updated IPS methodology and Peer Review was presented to the Projects Committee on May 15, 2020. A recording on the presentation is available on the DRSCW YouTube channel at <https://www.youtube.com/watch?v=Ueg38jsi-gE&feature=youtu.be>

**DuPage River Salt Creek Workgroup
General Membership Meeting
Village of Lombard Community Room
August 30, 2023
Minutes**

- Power BI Training – Staff is currently re-negotiating this with MBI. Lake County will also be participating. Training was postponed due to the principle trainer being ill.
 - Level of Rigor Analysis – No update at this time.
 - **Additional NIP Tasks**
 - Development of Relationships and Thresholds for Continuous DO variables, nutrients, and biological Attributes in NE Illinois IPS – MBI is finalizing the report.
 - **Trading Analysis**
 - Point Source (PS) to PS Trading – No update.
 - Stream Crediting Trading – No update.
 - USEPA National Water Quality Trading Policy – No update.
 - **Related to Nutrient Trading** – As they are completed, please submit PDOPs and FSs to DRSCW staff.
 - **NSAC Update** – The NSAC recommendations are not foreseen as being on the IPCB agenda for rulemaking in 2022.
 - **Nutrient Loss Reduction Strategy (NLRS)** – The 2023 NLRS Conference is scheduled for January 25-26, 2024 in Springfield, Illinois. More information is forthcoming.
 - The DRSCW submitted their update for the IL NLRS Biennial Report on March 1, 2023.
 - **Other NARPs (NIPS)** – The Fox River Study Group submitted the Fox River Implementation Plan (FRIP) to the IEPA in December 2022.
- 8. Springfield Regulatory and Legislative Updates** – The IPS NIP scenario has been presented to C. Davis, A. Haile, B. Fleming, and D. LeCrone (October 31, 2022 in Springfield, Illinois) and Scott Twaitt (virtually on the February 02, 2023).

NON-SPECIAL CONDITION PERMIT ACTIVITIES

9. Bioassessment Plan

- **East Branch Bioassessment**
 - 2019 Bioassessment – Final report is in final draft form (data on principal outputs has already been supplied).
 - 2023 Bioassessment – The 2023 East Branch Bioassessment is underway. MBI has completed the macroinvertebrate and habitat sampling and the first pass of fish sampling on the East Branch and at the reference sites. First Environmental is collecting water chemistry data as required by the sampling plan. Staff has also

**DuPage River Salt Creek Workgroup
General Membership Meeting
Village of Lombard Community Room
August 30, 2023
Minutes**

collected expanded DO data at more than half of the sites and should be finished with the expanded DO program by the third week in August.

- **West Branch Bioassessment** – MBI has delivered their draft report which has been reviewed by staff. The issued comments are currently being integrated.
- **Salt Creek Bioassessment** – Draft report is under development (data on principal outputs has already been supplied).

10. Chlorides

- **Workshops** – Registrations will open mid-August for the public roads deicing workshop webinars on Sept. 26, Oct. 4. and Oct. 10 and the Parking Lots & Sidewalks webinars on Oct. 3 and Oct. 17. The registration fee is \$50 for the webinar link and is shareable internally. Connie Fortin with Bolton-Menk will be the main presenter for the Roads workshops; the parking lot & sidewalks workshops will be conducted by The Conservation Foundation staff, J. Hammer and H. Miller. In addition, staff are planning an in-person Northeast Illinois Salt Conference for September 12, 2023 at Medinah Shiners in Addison. The conference will be geared for roads supervisors, public works directors, and other decision makers. The registration fee is \$30 for Watershed Group members and \$40 for non-members. A continental breakfast and boxed lunch will be provided. The September 12, 2023 Salt Conference is being hosted by the DRSCW, LDRWC, LDWG, CAWCW, and TCF (agenda forth coming).
- **Salt Management Questionnaire** – The Chloride Management BMP questionnaire has not yet been issued. It will go out to cover the winter of 2022-23.
- **BMP and Loading analysis** – The final report is under review.
- **SB2138 (liability for contractors)** – No update.
- **Salt Smart Collaborative**– TCF received a 319 grant to develop an Illinois based training and certification program for Parking Lots & Sidewalks with guidance from a steering committee. New manual and training program rolled out in Spring 2023. This project has been nominated for the Chloride Reduction Leadership Award for the 2023 Salt Symposium. J. Hammer and S. McCracken are members of the Salt Smart Collaborative Steering Committee.
- **Time Limited Water Quality Standard (TLWQS) for Chlorides for the Chicago Area Waterway System (CAWS) and portion of the Lower Des Plaines** – No update.
- **ILR00 and Chlorides** – No update.
- **Street Sweeping data** – Data is being collected at Itasca, Wood Dale and Carol Stream. These members use a contractor who generates tonnage data that should allow the calculation of total chloride captured at each. The plan is to collect this throughout the year. Analysis of the data is ongoing.

11. Other Activities

**DuPage River Salt Creek Workgroup
General Membership Meeting
Village of Lombard Community Room
August 30, 2023
Minutes**

- **MS4 Permit Update** – The IEPA has completed their review of the comments received on the draft IRR40 and has revised the draft permit. The revised permit is currently undergoing interval review by IEPA staff before being sent to the USEPA. The permit will not be released until it has been approved by the USEPA.
 - **MS4 Activities Report** – The 2022-23 DRSCW ILR40 Activities Report was emailed to members on April 7, 2023.
- **Upper Salt Creek 319 Watershed Plan** – All contract work is complete and all documents were submitted to the IEPA prior to the due dates (March 31, 2023).
 - Reimbursement from the IEPA – The final reimbursement was received from the IEPA. No additional monies are expected.
- **Website** – SSL (security updates) have been done for both websites.
- **Coal-Tar Sealants Update** – The Village of La Grange is considering some type of ban.
- **Newsletter** – The Summer 2023 newsletter on the NIP was distributed in July 2023.
- **Utility Management** – No update.
- **Bacteria on Salt Creek** – No new reports that the colonies have returned were received this spring /summer.
- **Triennial Review** – Illinois EPA Bureau of Water is conducting a triennial review of the State’s Water Quality Standards (WQS). The purpose of the triennial review is to assess, develop, update, and revise WQS once every three years in accordance with the CWA. Public meetings were held on July 6 at 2:00pm and 6:00pm. The IEPA is accepting public comments on the what the agencies priorities during the Triennial Review should be through September 7, 2023. For more information:
<https://epa.illinois.gov/content/dam/soi/en/web/epa/public-notices/documents/general-notices/2023/public-notice-trinnieal-review-051023.pdf>

12. Business Items (new business)

- **Invoice Summary for Review – June 1, 2023 to July 31, 2023**

Vendor/Project	Invoice Number	Amount (\$)	Status
DuPage County - Fullersburg Permit Fee	NA	11,831.00	Paid
First Environmental - EBDR Chemical	6/19-7/7 Invs	3,185.50	Paid
First Environmental - EBDR Chemical	6/19-6/28 Invs	19,974.50	Paid
First Environmental - EBDR Chemical	7/11-7/14 Invs	4,266.00	Pending
First Environmental - EBDR Chemical	7/17-7/21 Invs	9,279.00	Pending
First Environ. - St. Sweepings CL Analysis	176999	157.50	Pending
Hey & Assoc. - Fullersburg Woods Dam	16482	977.50	Paid
Hey & Assoc. - Fullersburg Woods Dam	16684	18,716.25	Paid
Hey & Assoc. - Fullersburg Woods Dam	16482	3,777.50	Pending

**DuPage River Salt Creek Workgroup
General Membership Meeting
Village of Lombard Community Room
August 30, 2023
Minutes**

Lauterbach & Amen - Audit (progress billing)	77658	4,400.00	Paid
MBI - EBDR 2019 Bioassessment - Final	2063	9,394.96	Pending
MBI - IPS Final	1943	2198.71	Paid
MBI - Reference Site Bioassessment	2121	6696.94	Paid
MBI - Salt Creek 2021 Bioassessment	2124	6056.55	Pending
Tetra Tech - QUAL2Kw	52052674	8,570.00	Paid
Tetra Tech - QUAL2Kw	52100706	2,275.00	Pending
Tetra Tech - QUAL2Kw	2097911	975.00	Pending
The Conservation Fdn - Apr - June Expenses	13130	3,038.01	Pending
The Conservation Fdn - Newsletter formating	13131	127.08	Pending
V3 Companies - Fawell	423557	35,240.84	Pending
V3 Companies - Fawell	523646	1,457.48	Pending
V3 Companies - Fawell	623711	824.09	Pending

- **Financial Reports through July 31, 2023** (Attachment 2)
 - **Audit** – The audit report has been received and has been reviewed and accepted by staff and Officers.
- **Membership Dues Payment Update (through July 31, 2023)** (Attachment 4).
 - Associate member annual dues FY2023-24 letters have been prepared and will have been mailed prior to the August General Meeting.

13. Presentation and Workshops

- July 11, 2023, Chloride Pollution and Management. Indiana LTAP Stormwater Drainage Conference, Purdue University. Stephen McCracken, The Conservation Foundation.
- July 14, 2023 – DRSCW/LDRWC NIP Update, IAWA Technical Meeting, Starved Rock, Ottawa, Illinois, Presenter: Rick Federighi, Village of Addison
- September 6, 2023 – Chloride TMDL: Behind the Scenes, Wisconsin Salt Wise. Stephen McCracken, The Conservation Foundation.

14. Other Business

- **Green Infrastructure Grant Opportunities (GIGO) Program** – The IEPA is currently accepting GIGO applications for green infrastructure projects through October 18, 2023. More information is available at:

**DuPage River Salt Creek Workgroup
General Membership Meeting
Village of Lombard Community Room
August 30, 2023
Minutes**

<https://epa.illinois.gov/content/dam/soi/en/web/epa/about-us/documents/news-releases/2023/07.26.23-IEPA-GIGO-NOFO-Final.pdf>

- **Budgeting of Staff Time** – *M. Larson followed-up on his question raised at the 2023 Annual Meeting regarding staffing costs and if the costs should be split between the General Activity fund and the Special Condition fund due to the significant amount of time staff spends on Special Condition Projects. Staff noted that the Executive Board has discussed this question and will follow-up directly with M. Larsen.*

15. Future Meeting Schedule

October 25, 2023 from 9AM-11AM (Location: Addison Village Hall)
December 6, 2023 from 9AM-11AM
February 28, 2024 from 9AM-11AM
April 24, 2024 from 9AM-11AM
June 26, 2024 from 9AM-11AM
August 28, 2024 from 9AM-11AM

J. Hammer made a motion to adjourn the meeting at 12:03pm. The motion was seconded by J. Lomax.