

**DuPage River Salt Creek Workgroup
General Membership Meeting
Addison Village Hall
October 25, 2023
Agenda**

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_aLDX9Ls5Twyv16a1SHIUVA

1. Welcome and Introductions

2. Approval of the August 30, 2023 General Membership Meeting Minutes (Attachment 1).

Presentation Abstract:

A major condition in area waste water permits is that a Nutrient Implementation Plan (NIP) be developed. The NIP must identify a watershed target concentration for Total Phosphorous, and recommend reduction measures to reach that goal. The presentation will review the target concentration, area TP sources, analysis of reduction scenarios, recommendations and proposed parallel activities.

The analysis is being carried out jointly by the DRSCW and LDRWC for the basins of the DuPage River and Salt Creek. The due date on the report is December 31 2023.

Presenters: Stephen McCracken, Deanna Doohaluk, and Alex Handel, The Conservation Foundation

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.

SPECIAL CONDITIONS PERMIT ACTIVITIES

3. Special Conditions Permit Administration

- **2020 Permit Negotiations** – Wood Dale North and Elmhurst have received their draft permits from the IEPA. Staff has reviewed the permits to ensure the included Special Condition language is consistent with the approved verbiage. MWRD (Egan and Hanover Park) is the only member on the original permit (their current permits expire in 2026).
 - PFAS Monitoring/PFAS Reduction Program Language – The Wood Dale North and Elmhurst permits includes quarterly monitoring of the influent and effluent for 40 PFAS compounds and semi-annually monitoring of biosolids for 40 PFAS compounds

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using draft test method 1633. The permits also contain language for a PFAS Reduction Program that requires a PFAS Inventory of all facilities (based on listed SIC codes) that have the potential to discharge PFAS into the sanitary sewer and PFAS Reduction Initiative for all facilities identified in the inventory. The Draft PFAS-related language has been shared with the Negotiations Team.

- The Permits also contain language on limits for metals (cyanide and zinc for Wood Dale, and copper and zinc for Elmhurst) and new recommendations on ammonia at both plants.
- 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 – A new agreement between the DRSCW and MWRD are in the process of being signed. The agreement sets out MWRD’s commitment to bid and manage the construction of the Master Plan for Salt Creek and provide approximately \$6 million in funding for the project. It also commits DRSCW to reimburse MWRD for project costs exceeding \$6 million. DRSCW signed and mailed the updated agreement in late September 2023.
 - Glendale Heights – Updated MOUs have been offered to West Chicago, Wheaton, Bartlett and Itasca. Bensenville and Glendale Heights have already received one (“Glendale Heights MOU”).
- **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.

4. Physical Projects (Ongoing)

Fawell Dam Modification

- **MOU** – DC SWM and the DRSCW are finalizing the project MOU. DC SWM staff will be presenting the MOU and requesting the signature on the document at a future DC SWM Committee meeting. FPDDC staff presented the project to their Board at their September 12, 2023 Planning Meeting and will be requesting their Board’s signature on the MOU at a future meeting.
- **Potential Project Design Modifications** – The County has chosen the scenario where the ladder will be partially disassembled during cold weather months. A single ladder section, at the upstream mouth of the eastern culvert, will be designed to be removed both manually and by a crane. DRSCW to cover this annual cost for the foreseeable future (estimated at \$14,000 per operation if a crane is used). 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

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concern was noted by a member at the August General Membership Meeting about having maintenance requirements for the DRSCW in perpetuity as it is not a guarantee that the DRSCW will be around forever.

- **Purchase and Fabrication** – A contract with BK Riverfish for design (largely complete), 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 an IEPA ILR10 shouldn't be needed
 - 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. DuPage County would like to coordinate this work with the installation of the fish ladder (included in MOA).

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 – Completed October 2023.
 - Construction – Ongoing. See below for details.
- **Partner Outreach** – A letter to editor in opposition of the project appeared in the Daily Herald on Sunday, October 8, 2023.
- **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 specifications. This includes the additional survey work, geotechnical survey,

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sediment sampling, structural analysis of the dam, and floodwall inspection, and the design of the visitor experience/recreations amenities.

- ACOE/IEPA Permits
 - Section 404 Permit Application (ACOE) – The Section 404 IP was received from the US ACOE on October 17, 2023.
 - Section 401 Water Quality Certification – The Section 401 Water Quality Certification was received from the IEPA on May 8, 2023.
 - Section 106 Consultation— As of September 7, 2023, all necessary signatures on the MOA have been obtained and the MOA has been filed with the ACOE’s Advisor Council on Historic Preservation. This means the Section 106 process is complete and the Project can move forward.
 - 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 the 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. Further discussion on this permit will move under construction activities.
 - 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.
- 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 permit modification allowing the removal of the dam was issued on September 29, 2023.
- Bid Documents – Final contract plans, specification and documentations were submitted to MWRD on May 31, 2023. No changes were made during bidding and these documents are now the construction plans and specifications.
- **Bidding and Construction Contract** – The MWRDGC Board awarded the construction contract to V3 at their September 7, 2023 meeting at their bid price (\$9,375,745.00) plus contingency (\$468,787.25).

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- MWRD/DRSCW Agreement – The DRSCW and MWRD are in the process of signing a new Agreement that outlines MWRD’s commitment to bid and manage the construction of the Master Plan for Salt Creek.
- **Construction Progress** – The anticipated start date for construction is set for November 2023.
 - Pre-Construction Meeting – The Pre-Construction meeting was held on October 4, 2023 (V3, MWRD, FPDDC, DRSCW).
 - Schedule Meeting – A meeting to discuss and set the schedule for the initial construction tasks and submittals was held on October 5, 2023.
 - Permit Activities
 - ILR10 NOI – V3 filed the ILR10 NOI on October 13, 2023.
 - Instream Work Plan – V3 is responsible for developing an instream work plan that describes their means and methods for removal of the dam and the construction of the pool/riffles. This plan needs to be approved by the KDSWCD and US ACOE prior to the start of work. KDSWCD also requested an on-site pre-con meeting prior to the start of work.
 - Section 404 IP – Written notification needs to be submitted to the ACOE at least ten (10) days prior to the commencement of work indicating the start date and estimated end date of construction.
 - DC Building Department – First inspection must be scheduled by December 3, 2023 or the permit will expire. The first inspection is likely the erosion control/silt fence inspection.
 - DuDOT – If access off of York is needed immediately, V3 will need to finalize the permit with the DuDOT.
 - Construction Management Services/Phase 3 Services – The Executive Board via an electronic vote approved an initial Phase 3 Services contract with Hey & Associates not to exceed \$15,000. This contract was signed and executed on September 29, 2023. Staff is working with the FPDDC, MWRD, and Hey to identify the additional team members (MEP, structural, etc.) and services that will be needed to complete the Phase 3 services. Hey submitted an amendment request to their current Phase 3 Services contract requesting an additional \$87,375 for Phase 3 services. This amount is broken down as \$65,000 for Hey and Associates, \$8,000 for ACE (MEP engineer), and \$14,375 for IEI (structural engineer). This would bring the total Phase 3 services contract with Hey to a not to exceed \$102,375. The monies to fund the contract will come from the contingency line item in the budget. The FY23-24

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contingency budget is \$200K. To date, \$56,793 has been allocated (2 contracts with Hey & Associates: \$41,793 on a contract extension for design and permitting services and \$15,000 for Phase 3 Services) leaving \$143,207 in that line item. If \$87,375 is approved for the Phase 3 Services amendment, the contingency fund will still contain \$55,832 of unallocated funds (\$143,207 - 87,375).

✓ *A motion is needed to authorize a contract amendment with Hey and Associates for Phase 3 services for Fullersburg Woods not to exceed \$87,375.*

- **National Register of Historic Places Nomination** – As part of the Section 106 MOU, a National Register of Historic Places (NRHP) nomination needs to be prepared for Fullersburg Woods. At the request of the FPPDC, the DRSCW will lead this effort. A request for Qualification for the preparation of the NRHP nomination was submitted to the following firms/consultants during the week of September 18, 2023 and are due by October 6, 2023: Julia Bachrach, Ramsey Historic Consultants, Jean L. Guarino, Benjamin Historic Certifications, and MIA Architects. All firms were recommended by BauerLatoza Studios. Qualifications were submitted by MIA Architects. It is estimated that the preparation of the NRHP nomination will cost approximately \$30,000. The monies to fund the contract will be from the contingency line item in the budget. The FY23-24 contingency budget totals \$200K. To date, we have spent \$56,793 (2 contracts with Hey & Associates: \$41,793 on a contract extension for design and permitting services and \$15,000 for Phase 3 Services) leaving \$143,207 in that line item. If we move forward with a \$30,000 for the NRHP Nomination and \$87,375 for the Phase 3 Services amendment (see above item), the contingency fund will contain \$25,832 (\$143,207- (\$30,000+\$87,375)) in unallocated funds.

✓ *A motion is needed to authorize staff to work with the FPDDC to select a consultant to prepare the NRHP nomination for the Fullersburg Woods Forest Preserve Historic District and negotiate and execute a contract not to exceed \$30,000 with the selected consultant.*

- **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.

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- **2023 Post Project Monitoring** – Post project monitoring was completed in summer 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.
 - ComEd – Staff and Interfluve presented the Conceptual Design virtually to Com-Ed’s Realty Department on September 26, 2023. Feedback from the Realty Department was positive but additional input was needed from additional ComEd departments before they could commit to their involvement in the project. Staff provided additional materials to ComEd following the meeting. Staff will follow-up with ComEd to keep the conversations moving forward.
 - ◆ ComEd Environmental Due Diligence Form – ComEd has requested additional information on the project via their Environmental Due Diligence Form.
- **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 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** – At the suggestion of staff at the ACOE, 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 (based on post Fullersburg adjustment numbers, DRSCW has budgeted \$2.8M for construction).
- **2023 Pre-Project Monitoring** – Pre-project monitoring was completed in summer 2023.

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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 were completed in September 2023. 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 \$995,507.05 have been made to Carol Stream for the Project. Carol Stream has submitted a request for payment of the remaining \$104,492.95 of DRSCW's \$1,100,000 commitment for the Project.
- **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.

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

6. 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 and submitted to the Projects Committee and Special Condition Permit Holders for their review:
 - Intro to DRSCW/LDRWC
 - 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.)

The draft report can be found at [NIP Review \(Projects Committee & SC Holders\)](#). Review of the document should be done for technical errors only as we will have a copy editor do a final review for grammar, consistency, etc. once the document is complete. Review of the document was due on Friday, October 13, 2023.

These following 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

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Permit Holders for their review and comment before integration into the draft document:

- Why is Aquatic Life the Focus of the NIP
 - Sources of TP and TP ambient conditions
 - Urban Washoff Study
 - Deriving and ambient TP Threshold for aquatic life
 - QUAL2Kw model development summary and modeled management scenarios
 - Physical Projects
- **November 6, 2023 Special Condition Permit Holders Meeting** – A meeting of the Special Condition Permit Holders will be held on November 6, 2023 at 1:00pm at the Village of Lombard Board Room. Topics on the agenda will be the reporting limits for the TP effluent limits and future assessments. A second meeting, to discuss these items with the LDRWC, will be held November 16th.
 - **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 a combination), timeline/implementation schedule for TP effluent limits, and proposed special assessments.

- **Acknowledgment of NIP Submittal by DRSCW Members** – When the draft final 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

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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.
- **DC SWM** – 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. S. McCracken presented an overview of the NIP to the DC SWM Committee on 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.
 - Baxter & Woodman – A scope has been developed with Baxter & Woodman to develop a number of scenarios on how to average samples for our proposed 0.35 mg/l WWTP TP permit limit. The contract will screen and develop worked examples of scenarios suggested by members and staff as the most likely candidates for permit language. These scenarios will be considered and ranked by our Special Condition Permit Holders at a meeting on November 6, 2023 in the afternoon. The value of the contract is not to exceed \$3,800 and will be done under the General Services Agreement we have with Baxter & Woodman.
- **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

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the Projects Committee for review in April 2022. Updated drafts were 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.
 - 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,

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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 WTP 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)
 - ♦ 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->

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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). We have 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 – During the summer of 2022, expanded DO monitoring was conducted on three reference sites (Little Indian Creek at County Road N 4275 (I-3), Forked Creek at Kahler Road (W-2), and Forked Creek at Il 102 (W-4). Additionally, two sites within the Springbrook Phase 2 (WB10b and WB10c) were also sampled using the expanded DO program. The Springbrook sites are being included in the expanded DO program as MBI observed higher than normal (<9) pH during their post-project fish sampling.
 - 2023 Sampling – In 2023, Expanded DO sampling was 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 10.0 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=Ueg38jsj-gE&feature=youtu.be>
 - 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.

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- 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.
- 7. 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 Twait (virtually on the February 02, 2023).

NON-SPECIAL CONDITION PERMIT ACTIVITIES

8. Bioassessment Plan

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

9. Chlorides

- **Workshops** – Public Roads deicing workshop webinars were held on Sept. 26, Oct. 4, and Oct. 10. Parking Lots & Sidewalks webinars were held on Oct. 3 and Oct. 17, 2023. Staff with Bolton-Menk were the main presenters for the Public Roads

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workshops; the Parking Lot & Sidewalks workshops were conducted by The Conservation Foundation staff, J. Hammer and H. Miller. In addition, an in-person Northeast Illinois Salt Conference was held on September 12, 2023 at Medinah Shiners in Addison. The conference was geared for roads supervisors, public works directors, and other decision makers. The speakers represented Evanston, Niles Carol Stream and covered Weather and Pavement Temperature, Route Management, and Liquids as well as Plow Driver training by a rep from NIPSTA. J. Hammer and H. Miller presented on the new Salt Smart Certified program for parking lots and sidewalks. The NE IL Salt Conference was attended by 101 of public works directors and supervisors with representation from at least 12 DRSCW agencies.

- **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. A 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.

10. Other Activities

- **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.

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- **Website** – SSL (security updates) have been done for both websites.
- **Coal-Tar Sealants Update** – No update
- **Newsletter** – The Summer 2023 newsletter on the NIP was distributed in July 2023.
- **Utility Management** – No update.
- **Bacteria on Salt Creek** – No colonies were observed during summer 2023
- **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 Public Comments period closed on September 7, 2023:
<https://epa.illinois.gov/topics/water-quality/standards/triennial-review.html#:~:text=The%20purpose%20of%20the%20triennial,in%20accordance%20with%20the%20CWA.>
- **WQIP** – DuPage County Stormwater Management is accepting applications for the agencies Water Quality Grant. Applicants can apply for reimbursement of up to 25 percent of costs for projects that improve water quality. Applicants may apply virtually through the WQIP Grant Application portal. The application deadline is January 5, 2024. The WQIP Grant Application Packet can be downloaded at:
https://www.dupagecounty.gov/government/departments/stormwater_management/grants/water_quality_improvement_program.php.

11. Business Items (new business)

- **Invoice Summary for Review – August 1, 2023 to September 30, 2023**

Vendor/Project	Invoice Number	Amount (\$)	Status
First Environmental - EBDR Chemical	7/11-7/14 Invs	4,266.00	Paid
First Environmental - EBDR Chemical	7/17-7/21 Invs	9,279.00	Paid
First Environmental - EBDR Chemical	7/2- & 7/26 Invs	2,800.50	Paid
First Environmental - EBDR Chemical	8/1, 8/3 Invs	2,773.00	Paid
First Environmental - EBDR Chemical	8/3, 8/7 Invs	3,856.00	Paid
First Environmental - EBDR Chemical	8/8,8/18,8/21, 8/22 Invs	10,984.00	Paid
HACH - Bench Svc Agreement	Quote #23- 031268	16,314.05	Paid
Hey & Assoc. - Fullersburg Woods Dam	17034	7,268.75	Paid

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IL Charity Bureau	2023 IL Tax Return	15.00	Paid
MBI - EBDR 2019 Bioassessment - Final	2063	9,394.96	Paid
MBI - EBDR 2023 Bioassessment	2139	52,245.85	Paid
IL Secretary of State	Annual Report	10.00	Paid
Tetra Tech - QUAL2Kw	52123092	12,980.00	Paid
The Conservation Fdn - Apr - June Expenses	13130	3,038.01	Paid
The Conservation Fdn - Newsletter formatting	13131	127.08	Paid
Village of Carol Stream - Klein Creek	Pmt #2	132,532.50	Paid
V3 Companies - Fawell Dam	723526	765.22	Paid
V3 Companies - Fawell Dam	823466	2,212.00	Paid

- **Financial Reports through September 30, 2023** (Attachment 2)
 - The 2023 tax return has been filed.
- **Membership Dues Payment Update (through July 31, 2023)** (Attachment 4).
 - Reminder emails have been sent to agency and associate members with outstanding dues.

12. Presentation and Workshops

- 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 & Hanna Miller, The Conservation Foundation.
- October 3, 2023 – DRSCW/LDRWC NIP, DC SWM Committee Meeting. Stephen McCracken, The Conservation Foundation

13. Other Business

Fox River Connectivity and Habitat Study – The ACOE has released the draft Fox River Connectivity and Habitat Study. The Study recommends removing nine dams along the mainstem of the Fox River from Carpentersville to Montgomery. The public comment period for the study is open through November 6, 2023. More information and the study

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can be found at: <https://www.lrc.usace.army.mil/Missions/Civil-Works-Projects/Public-Review-Documents/>

14. Future Meeting Schedule

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

October 30, 2024 from 9AM-11AM