

DuPage River Salt Creek Workgroup
Annual Meeting Minutes
Village of Lombard Community Room
255 E. Wilson Avenue, Lombard, Illinois
February 22, 2023

President Gorman called the meeting to order at 9:10 AM.

9:00-9:10 Welcome, Introductory Remarks

Dave Gorman – DRSCW President & Asst. Director, Village of Lombard Public Works

9:10-10:00 Annual Business Meeting

- **Approval of the minutes for the December 7, 2022 meeting** (Attachment 1)
 - ✓ *S. Zehner made a motion to approve the December 7, 2022 General Membership Meeting Minutes. The motion was seconded by M. Larson. The motion passed unanimously.*

- **Election of Officers and Members-at-Large**
 - President – Dave Gorman, Village of Lombard
 - Vice President – Amy Underwood, Downers Grove Sanitary District
 - Secretary/Treasurer – Rick Federighi, Village of Addison
 - At Large – Mary Beth Falsey, DuPage County
 - At Large – Pinakin Desai, MWRDGC
 - At Large – Steve Zehner, Robinson Engineering, Inc.
 - At Large – Vacant
 - At Large – Vacant
 - ✓ *J. Hammer made a motion to approve the nominated slate of officers and members at-large. The motion was seconded by E. Lanphier. The motion passed unanimously.*

- **Appointment of Committee Chairpersons by Incoming President**
 - Projects Committee Chairperson – Greg Ulreich, Village of Carol Stream
 - Monitoring Committee Chairperson – Jennifer Hammer, The Conservation Foundation
 - East Branch DuPage River Watershed Committee Chairperson – Larry Cox, Downers Grove Sanitary District
 - West Branch DuPage River Watershed Committee Chairperson – Erik Neidy, Forest Preserve District of DuPage County
 - Salt Creek Watershed Committee Chairperson – Dennis Streicher, Sierra Club – River Prairie Group

- **Bylaws Change**
 - At the October 26, 2022 DRSCW General Membership Meeting, the Membership approved a motion to present the following bylaw change at the 2023 annual meeting (replacing \$10,000 with \$25,000): “The Executive Board may authorize

expenditures less than \$25,000 which are an emergency and cannot be delayed for review at a Workgroup meeting". The relevant language is found in Article 5, Section 8 of the bylaws.

✓ *L. Cox made a motion to approve the recommended by-laws change to increase the maximum expenditures that the Executive Board may approve up to \$25,000. The motion was seconded by S. Zehner. The motion passed unanimously.*

- **Adoption of FY 2023-24 Budget**

- Approval of the FY 23-24 Annual Dues Schedule and Annual Dues by Agency (Attachment 2). A 3% increase in Agency member annual dues is scheduled for FY 23-24. Associate member dues for all not-for-profit and government associate members will also increase by 3% in FY 23-24. Associate and Individual member dues will also increase by 3% in FY 23-24.

✓ *D. Streicher made a motion to approve the FY 2023-24 Dues Schedule. The motion was seconded by L. Cox.*

M. Larson praised the work of the DRSCW and asked what the DRSCW's plan was as an organization into the future. A discussion ensued with several members offering their perspectives. It was noted that while the DRSCW is working on TP now, it is only one of several emerging pollutants. President D. Gorman said the Executive Board as well as the general membership will continue to assess the DRSCW's role and value for members as is inherent in the budget discussion and approval at the annual meetings.

M. Larson also asked if staffing costs should be split between the general activity fund and the special condition fund to reduce dues for non-special assessment members. S. McCracken said that he and the Board would discuss the issue of splitting staffing costs in support of projects. President D. Gorman added that the majority of administrative time and costs once projects are underway are borne by consultants.

The motion passed unanimously.

- POTW Agency member project assessments related to the NPDES special conditions remains on schedule. The schedule has been extended by three years with the issuance of the new permits.
- Review and approval of the FY 2023-24 Budget (Attachment 3 – one-page budget summary).
 - ✓ *E. Lanphier made a motion to approve the 2023-24 Budget. The motion was seconded by D. Streicher. The motion passed unanimously.*
- Presentation and discussion of the detailed Four-Year Financial Plan for Fiscal Years 2024-2025 to 2027-2028 (https://drscw.org/wp-content/uploads/2023/02/drscw.-23-24-budget-and-5-year-plan.draft_.pdf). The Four-Year Financial Plan was also emailed to all members on 02/10/2023.

- ✓ *L. Cox made a motion to post the one-year budget and Four-Year Financial Plan for informational and planning purposes only. The motion was seconded by J. Hammer. The motion passed unanimously.*

- **Financial Report (Attachment 4) and Vendor Payments Dec. 1, 2022 to Jan. 31, 2023**

Vendor/Project	Invoice Number	Amount (\$)	Status
HACH - Annual Bench Agreement - 2 sondes	2 invoices		Paid
Hey & Assoc. - Fullersburg Woods Dam	15731		Paid
Hey & Assoc. - Fullersburg Woods Dam	15956		Approved
Hey & Assoc. - Fullersburg Woods Dam	16077		Pending
Hey & Assoc. - Upper Salt Creek	15688		Paid
Hey & Assoc. - Upper Salt Creek	15814		Paid
Hey & Assoc. - Upper Salt Creek	16130		Pending
Inter-Fluve - East Branch DuPage River Project	21-04-12-07		Paid
MBI - NE IL DO Analysis	2030		Paid
MBI - NE IL DO Analysis	2040		Pending
MBI - EBDR 2019 Bioassessment - Final	2063		Pending
MBI - WBDR 2020 Bioassessment	2080		Pending
MBI - Springbrook Bioassessment	2081		Pending
MBI - Salt Creek 2021 Bioassessment	2082		Pending
Microbac - Chloride Sampling	L22006271		Paid
Microbac - Chloride Sampling	L22008462		Pending
Murray & Trettel - WeatherCommand Data	1222-735		Approved
State of IL Treasurer - Fullersburg Section 401 Fee	NA		Paid
Suburban Labs - Reference Site Chemistry	209096		Paid
Tetra Tech - QUAL2Kw	51953970		Paid
Tetra Tech - QUAL2Kw	51976200		Paid
Tetra Tech - QUAL2Kw	51987862		Paid
Tetra Tech - QUAL2Kw	52010355		Pending
The Conservation Fdn - July - Sept Expenses	12939		Paid
The Conservation Fdn - Newsletter	12979		Approved
The Conservation Fdn - Oct - Dec Expenses	12989		Pending

- **Other business**

- **DRSCW Calendar**

- “Deriving an ambient Total Phosphorous threshold for the DuPage River and Salt Creek”, February 2, on-line, IEPA, Stephen McCracken, Deanna Doohaluk, The Conservation Foundation.

- “Deriving and Implementing an Ambient Total Phosphorous Threshold for the DuPage River and Salt Creek”, February 28 – March 2, IAWA Mini Conference, Springfield, IL.: Amy Underwood, Stephen McCracken, The Conservation Foundation.
 - “Expanding beyond Permit Limits to Achieve Water Quality Goals”, February 22-24, 2023 – WWM5, Bhubaneswar, India. Presenter: Deanna Doohaluk, The Conservation Foundation.
 - “Deriving an ambient Total Phosphorous threshold for the DuPage River and Salt Creek”, Date TBD, Environmental Partners, Stephen McCracken, The Conservation Foundation
- **Workgroup Meeting Schedule (9:00 AM start time)**
Unless otherwise specified all meetings are scheduled to occur from 9:00 AM to 11:00 AM via Zoom Webinar.

April 26, 2023 from 9AM-11AM
 June 28, 2023 from 9AM-11AM
 August 30, 2023 from 9AM-11AM
 October 25, 2023 from 9AM-11AM
 December 6, 2023 from 9AM-11AM

10:00 – 10:55 Presentation on DRSCW Purpose and Goals

DRSCW Purpose and Goals

The presentation will cover the DRSCW's formation and initial watershed management efforts up to the negotiation of the current Special Conditions language and how these efforts inform the process of getting to the NIP and beyond.

The DRSCW mission is to “bring together stakeholders to preserve and enhance water quality and stream resource quality in the East Branch DuPage River, West Branch DuPage River, Salt Creek and their tributaries”.

This mission was conceived in the aftermath of the publication of several Total Maximum Daily Loads (TMDLs) for area waterways. The TMDL proposals were immensely expensive but promised little in the way of actual in-stream improvement, raising the question of whether public monies would be used efficiently. Additionally, where did these regulations come from, what are they trying to achieve, and was there a more efficient way to accomplish these goals? It was also evident that such “watershed level” regulations were difficult for individual permit holders to adequately represent themselves in front of State regulators.

Presenter: Stephen McCracken

At 11:05 AM a motion was made to adjourn the meeting by S. Zehner and seconded by R. Federighi.

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Please note meeting is in person but will also be broadcast remotely. If you need that option here is the Virtual Registration Link:
https://us02web.zoom.us/webinar/register/WN_URQ1koj-R7Szt4kHB3PcUw

President Gorman called the meeting to order at 9:05am.

1. Welcome and Introductions

- 2. Approval of the February 22, 2023 Annual Meeting Minutes** (Attachment 1). *R. Hayden made a motion to approve the February 22, 2023 Annual Meeting Minutes. The motion was seconded by M. Larson. The motion passed unanimously.*

3. Presentation Abstract: Upper Salt Creek Watershed-Based Plan

The Conservation Foundation and the DRSCW received a Section 604(b) grant from the IEPA to complete a watershed-based plan for the Upper Salt Creek watershed located in northern DuPage County and northwestern Cook County in northeastern Illinois. The Upper Salt Creek watershed includes the headwaters of the Upper Salt Creek Mainstem, Arlington Heights Branch, and West Branch Salt Creek, includes Busse Lake, and terminates at the Busse Lake South Dam. The DRSCW partnered with Hey and Associates and Geosyntec to prepare this plan and work with local stakeholders to develop recommendations that upon implementation will help restore and protect the water quality of Upper Salt Creek watershed. In an effort to further support nonpoint source management, and guided by U.S. Environmental Protection Agency (USEPA) watershed-based plan requirements, components of this plan were specifically written to support the eligibility of implementation projects for Clean Water Act Section 319(h) grant funding. Additionally, the Upper Salt Creek Watershed Plan was built to closely resemble the Lower Salt Creek Watershed-based Plan, prepared by CMAP with partners DuPage County Stormwater Management (DCSM) and the DRSCW. The Upper Salt Creek Watershed-Based Plan was completed in the Winter of 2023 and submitted to the IEPA for their review and approval. The presentation will be an overview of the planning process, discuss the significance of why having an IEPA approved watershed-based plan is important to DRSCW members, and highlighted the significant outcomes of the plan.

Presenter: Kirsten James, Civil Engineer/Water Resource Specialist, Hey and Associates, Inc.

4. Presentation Abstract: 2019 East Branch DuPage River Bioassessment

Study will review the results of the 2019 Biological and Water Quality study of the East Branch DuPage River. The assessment included surveys of the basin's fish and insect populations,

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physical habitat, water column and sediment chemistry and a review of the long term dissolved oxygen and treatment plant discharge data. The presentation will look at long-term trends in chemistry, habitat and biology and how results compare to prior surveys.

Presenter: Chris Yoder, Research Director, Midwest Biodiversity Institute

The presentations have 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

5. Special Conditions Permit Administration

- A meeting of the special condition permit holders was held at Addison Village Hall on September 29, 2022. The meeting detailed the NIP, including effluent limits and schedules. 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). There was some opposition to the adoption of this item. A second presentation of the material was made on October 3, 2022 to the Lower Des Plaines Watershed Group. Memos setting out the two most plausible scenarios for effluent limits during the next three permit cycles were emailed to DRSCW SC permit holders on December 6, 2022 and to the LDRWC SC permit holders on February 1, 2023. In-person meetings to discuss the feedback received on the memos, future assessments, and next steps are scheduled for May 3, 2023 at the Village of Lombard for the DRSCW Special Condition permit holders. A second meeting will be scheduled for the LDRWC Special Condition permit holders.
- **2020 Permit Negotiations** – All agencies except Elmhurst, Wood Dale North and MWRD (Eagan and Hanover Park) have updated special conditions in their Permit. These three agencies have phase 1 permits that expire between 2023 and 2025.
- **Additional Permit Items**
 - Elmhurst – Guarantee of extension language for the City of Elmhurst from IEPA. This item has been discussed with IEPA and a solution identified. Elmhurst’s phase one permit expires August 1, 2023.
 - MWRD – A new agreement covering updated funding amounts is being developed by MWRD and DRSCW. The plan is to have this go to the MWRD Board on April 20, 2023. This would set out the funding amount, TP implementation schedule and target project (Master Plan for Salt Creek at Fullersburg Woods). A second proposal to the MWRD Board will be made in May to authorize the issuing of the bid packet. The latter can only be made once permitting is substantially complete.
 - Glendale Heights – A formal MOU agreement has been drafted for Glendale Heights who stayed on the original special conditions (covers the NIP and remaining physical

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projects) following their request. Staff will be reaching out to all agencies (West Chicago, Wheaton, Bartlett, Itasca, and Bensenville) staying with the original special condition to discuss if they would be interesting in pursuing a similar MOU.

- **ECHO/CDX Net DMR** – Inaccurate listings on this NPDES permit tracking system has been an issue. This item was raised with IEPA during visits to Springfield.
- **Annual Report** – The annual report was submitted to the IEPA on March 30, 2023 and confirmed as received by the IEPA on April 5, 2023. The 2022-23 Annual Report can be found at <https://drscw.org/wp-content/uploads/2023/03/drscw-annual-report-final-2022-23.pdf>

6. Physical Projects (Ongoing)

Fawell Dam Modification

- **MOU** – An updated draft MOU is with the County for review.
- **Potential Project Design Modifications** – The Project Team met with DuPage County Stormwater Staff on February 15, 2023. The discussion centered on the “swing section” with some concepts being discussed and brought forward for further development. BK Riverfish had developed an alternative vertical swing section as an alternative to the horizontal swing section. It was agreed that the ladder could be “closed (swing section open/removed)” during winter months which the County felt would facilitate their operations. The Project Team is scheduling a visit to the site with a crane crew in April to discuss the practicality of the concepts. An order for the ladder will not be placed until the MOU and plans have been accepted by DC SWM and the Projects Committee and all permits have been issued by the appropriate agencies.
- **Schedule-** IEPA has accepted a request for extension of the schedule on this project.
- **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
 - Sign contract and place fabrication order with BK Riverfish
 - County issues bid for ladder placement contract
 - Fabrication of ladder completed
 - 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

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- **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.

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 98% plan set. 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.
 - ◆ Section 404 Permit Application (ACOE) – A permit application for Nationwide Permit (NWP) 53 for low-head dam removal, NWP 58 for the water intake for the raceway pumps, and an NWP 27 for the aquatic and riparian habitat restoration work was submitted to the ACOE on April 14, 2022. On August 4, 2022, the project team was notified that the ACOE was requiring that the project be permitted via the Individual Permit (IP) process. The public notice for the IP was initiated by the ACOE on January 23, 2023 and closed on February 22, 2023. The ACOE provided the comments to the Project Team on March 9, 2023. Seventy-eight (78) unique respondents submitted comments with twenty-eight (36%) in support, ten (13%) neutral, and forty (51%) in opposition. The majority of the comments focused on the listing of the site on the National Register of Historical Places, concerns about changes to the aesthetics and sounds at the site, and questions/concerns about the water quality impacts of the project. The Project Team consolidated comments by topic and provided a detailed response to each to the ACOE on March 21, 2023.

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- ◆ Pre-application Meeting – A pre-application meeting and site visit was held with DC SWM and the US ACOE on November 1, 2021. A second pre-application meeting with the US ACOE was held on December 2, 2021.
- ◆ Section 401 Water Quality Certification – Due to the escalation of the Section 404 permit into the IP process, an individual 401 Water Qualification Certification is being obtained from the IEPA.
- ◆ Section 106 Consultation —The Section 106 Consultation for the project has commenced. The ACOE staff archeologist submitted the adverse effects letter to all consulting parties. The focus of this process is to identify minimization and mitigation measures that will be required of the DRSCW and FPDDC in order to remove the dam and modify the Graue Mill raceway.

There has been a delay in getting the draft MOA to the DRSCW, FPDDC, SHPO and Consulting Parties. The staff archeologist assigned to the Project, B. Vollman located in Rock Island, has been reassigned by the ACOE and our project has been reassigned to the Chicago District Regulatory Unit. Erich Ceisel, who is handling our Section 404 permitting process, will lead the 106 Consultation process. The draft MOA was emailed to all signatory parties (DRSCW, FPDDC, SHPO) and consulting parties (including the Graue Mill Corp., Fullersburg Historical Society, and Tribes) on April 3, 2023. The draft mitigation measures included 1) preparing a nomination for the Fullersburg Woods Forest Preserve Landscape District for the CCC elements; 2) the installation of the pumps/weirs to provide water to the mill race and the motor to turn the water wheel; and 3) the development, production and installation of interpretive panels regarding the CCC structures located within the Preserve. Comments on the mitigation concepts were due to the ACOE by April 17, 2023. The Project Team submitted comments which focused on corrections (ex. Work Group to Workgroup) and language recommendations to help to clarify what is being required by the mitigation measures (ex. recommending that three interpretive panels be required).

The ACOE is scheduling a meeting with all signatory parties (DRSCW, FPDDC, SHPO) and all consulting parties to discuss the MOA. It is expected the meeting will be scheduled for the week of May 1-5, 2023.

- Phase I Archaeological and History Survey – Field work was completed by UIUC in September. The final Phase I Archaeological Survey was received from UIUC on October 31, 2022 with a finding of “Phase I Archaeological Reconnaissance Has Located Archaeological Materials; Site(s) Does (Do) Not Meet Requirements for National Register Eligibility; Project Clearance Is Recommended.” The historical

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properties survey was issued on November 10, 2022. The historical properties survey found that the project would have no adverse effect on Fullersburg Woods Forest Preserve or the Graue Mill Raceway. However, because the dam will be permanently removed, there will be an adverse effect on the dam. The report recommended two potential mitigation measures: 1) completion of a historic American engineering record report and 2) leaving a small portion of the dam in place after removal. The reports were submitted to the ACOE on November 18, 2022.

- Pre-application meetings – Pre-application meetings were held with DC SWM (11/01/2021 and 03/24/2022), DuDOT (03/29/2022), and Building and Zoning (03/30/2022).
 - ♦ DuDOT and DC Building and Zoning – Permit applications to DuDOT and DC Building and Zoning were submitted July 6, 2022 and July 7, 2022, respectively. Comments on the DuDOT application were received on August 22, 2022 and a response was submitted in February 2023. An additional set of comments was received from DuDOT on March 31, 2023 and the Project Team is working on a response. The DuDOT and Building and Zoning permit cannot be issued until the project receives the stormwater certification from DC SWM.
 - Road Access Permit – A road access permit may be need for Spring Road. This will be determined as part of the DC Building permit. Discussions with DC, the Village, and the FPDDC on the need for a road access permit are ongoing.
 - ♦ DC SWM – The DC SWM permit application is complete and was submitted on June 13, 2022 with a final revision submitted on February 14, 2023. A response from DC SWM on the submittal is expected on April 11, 2023. Communications form DC SWM on April 13, 2023 indicated that staff is still reviewing the permit application and a response is forthcoming.
 - ♦ Bid Documents – 98% Plans and Specifications and a project cost estimate have been prepared.
- Weekly Progress Meeting – Weekly or bi-weekly progress meetings are being held with Hey and Associates, FPDDC, and MWRDGC.
- Contract Amendment—Due to a myriad of complications and delays to the project, Hey and Associates has accrued expenses beyond the current contract amount. Hey is requesting that all of the unused subconsultant budget (estimate to be around \$30,000) at the end of the project, be reallocated to unbilled Hey staff time. Additionally, Hey has submitted a request for a contract increase of \$41,793 to cover staff time that has been accrued over the past 2 years. Hey is also proposing to write off approximately \$120,000 in charges on the project for reasons including but not limited to inefficiencies during the pandemic, staff turnover, on the job training, and related factors. The \$41,793 will be funded from the Contingency funds line item in the budget.

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✓ *E. Lanphier made a motion to approve a budget amendment to Hey and Associates contract for the Fullersburg Woods project not to exceed to \$41,793. The motion was seconded by A. Underwood. The motion passed with one (1) abstention.*

- **Construction**– The plan is that MWRDGC will bid and provide oversight of the construction of the project. The current agreement between MWRDGC and the DRSCW has been revised to reflect this and this will also be reflected in the update.
- **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. Staff is coordinating with MBI to prepare a contract for the post-project biological sampling and hope to be able to share this with the Board at the meeting. Staff is also working on a plan to include an evaluation of the benthic algae development at the site in the post-project sampling.
 - ✓ *R. Federighi made a motion to authorize staff to negotiate a contract not to exceed \$13,545 with MBI for post-project monitoring at Spring Brook Phase II. The motion was seconded by J. Lomax. The motion passed with one (1) abstention.*

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.
- **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 in FY23. FY23 funds will be available once the Federal Government passes a budget (projected to be December 2022). 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. Given the funding by the ACOE, the project has been put on hold until the fiscal year 2023 federal budget is approved.
- **Schedule Update**– Staff met with Interfluve and discussed the project. A scope is being developed to take the next steps as a backup against ACOE funding not materializing

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(currently DRSCW has budgeted \$4M for construction). Staff has also reached out to Com-Ed to verify their comfort with proposal.

- **2023 Pre-Project Monitoring** – Staff is recommending that the project footprint be sampled in 2023 in parallel with the 2023 East Branch Bioassessment. A quote has been received from MBI (see Section 10. Bioassessment).

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

- **Construction Progress Update** – Construction of the DRSCW section is complete. Plugs, trees, and shrubs will be planted in May/June 2023.
 - **Payment** – Carol Stream has submitted a letter requesting a payment of \$862,974.55 for the Klein Creek Streambank Stabilization Project. Due to cash flow considerations, payment will be in two parts, \$500,000 in early April 2023 and the second payment in late April 2023 when CDs mature. After the payment of \$862,974.55, there remains \$237,025.45 of DRSCW’s \$1,100,000 commitment which reflects the remaining seed and plugs that are contractually required to be completed by May 31, 2023.
- **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.

7. 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.

8. Nutrient Implementation Plan

- **NSAC Update** – The NSAC recommendations are not foreseen as being on the IPCB agenda for rulemaking in 2022.
- **Nutrient Loss Reduction Strategy (NLRS)** – The 2022 NLRS Conference was held on November 1, 2022. D. Doohaluk and S. McCracken attended the conference in Springfield, Illinois.
 - The DRSCW submitted their update for the IL NLRS Biennial Report on March 1, 2023.
- **NIP Consultant** – Staff would like to extend the scope and fee with the Tetra Tech (QUAL Model contractor). The scope extension would include assisting staff with writing and reviewing the NIP document items and some capacity to do 8 additional model runs (2

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per basin). A general services agreement for assistance with preparation of the NIP was signed with Tetra Tech in 2021 (Work Order 1 \$4,000). No items have been charged under that agreement to date. Staff is developing the scope and fee with Tetra Tech and MBI for assistance in drafting the NIP.

✓ *L. Dane made a motion to authorize staff to negotiation contracts up to the budgeted amount of \$135,816 to complete the NIP. The motion was seconded by P. Desai. The motion passed with one (1) abstention. All contracts negotiated by staff will be reviewed and approved by the Projects Committee and Executive Board prior to signature.*

- **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.

- **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 13, 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

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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, 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 below scenarios. 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.

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- ◆ 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 WTTTP at a TP limit of 1.0 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.
- **Other NARPs (NIPS)** – The Fox River Study Group submitted the Fox River Implementation Plan (FRIP) to the IEPA in December 2022.
- **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). 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.

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- 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**
 - **2022 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 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 10.0 Bioassessment for more details on the 2023 Expanded DO sampling.
 - **IPS Model Update**
 - 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>
 - Final Report – Comments have been supplied to MBI for integration into final report.
 - Power BI Training – Staff is currently re-negotiating a contract for the Power BI training with MBI. Cost sharing for the training will occur between DRWW, NBWW, LDWG and LDRWC and DRSCW. It is expected the training will be held in June/July 2023.
 - 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 currently integrating comments into the draft report.
 - Reference Site Analysis – 2022 reference site sampling is complete. Three reference sites will be sampled as part of the 2023 East Branch bioassessment. See 10.0 Bioassessment for more details on the 2023 reference site sampling.
9. **Springfield Regulatory and Legislative Updates** – S. McCracken and D. Doohaluk met with C. Davis, A. Haile, B. Fleming, and D. LeCrone on October 31, 2022 in Springfield, Illinois. Staff presented the preliminary strategy for the NIP, including effluent limits and schedules and sought input from IEPA staff. A virtual meeting was held with S. Twaitt on the February

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02, 2023 to discuss the use of the IPS model to develop the TP instream threshold being used in the NIP.

NON-SPECIAL CONDITION PERMIT ACTIVITIES

10. Bioassessment Plan

- **Grant Agreement for Biological and Habitat Assessment** – We have an unsigned grant agreement (contract) with MBI for \$182,330 (\$171,724.56 for East Branch Bioassessment and \$10,605.44 for Southern East Branch Pre-Project Monitoring. We had \$169,650 budgeted for the East Branch Bioassessment (2022-23 budget) but an increase of \$2,074.56 is included as MBI has had to subcontract a fish team leader due to staff shortages (contractor rates higher than MBI's). Agreement will specify delivery date on report, allot time to Klein Creek, and addition of the new data to IPS database. The Klein Creek visit is to provide feedback on the habitat features installed during the streambank restoration project by the individual doing the QHEI assessment. There is an additional charge for this site visit as post-project biological sampling is not being conducted at Klein Creek in 2023.
 - ✓ *R. Hayden made a motion to approve a contract with MBI not to exceed \$182,330 for the 2023 East Branch Bioassessment biological monitoring, three (3) reference sites, pre-project monitoring at the East Branch Stream Restoration Project, one (1) post-project monitoring site at the Morton Arboretum (joint ACOE and Morton Arboretum project) and a site visit to Klein Creek. The motion was seconded by L. Cox. The motion passed unanimously.*
- **Bioassessment Plan 2023-2027- RFP for Water and Sediment Chemistry Collection, Analysis, and Reporting** – Staff is coordinating with First Environmental to draft a Master Service Agreement for bioassessment water and sediment chemistry analysis and reporting based on the Bioassessment schedule approved at the February 2023 Annual Meeting. As the DRSCW General Membership at their December 7, 2022 meeting gave the Executive Board the authority to enter in a master service agreement with the selected laboratory, the agreement will be presented to the Executive Board for their review and approval via email.

Following the approval and execution of the Master Service agreement, Staff will begin the preparation of a Work Order for the 2023 East Branch DuPage River bioassessment. This Work Order will be shared with Executive Board for their review and approval via email. The General Membership will be asked to approve the funds for East Branch DuPage River bioassessment at the April 26, 2023 General Membership meeting.

- ✓ *J. Lomax made a motion to authorize the Executive Board to sign a Work Order with First Environmental not to exceed \$84,443.05 for the East Branch DuPage*

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River bioassessment water and sediment chemistry sampling (includes the expanded DO water chemistry sampling). The motion was seconded by P. Lach. The motion passed with one (1) abstention.

- ✓ *P. Desai made a motion to authorize the Executive Board to sign a Work Order with First Environmental not to exceed \$4,912.60 for reference site water and sediment chemistry for the 2023 bioassessment (includes the expanded DO water chemistry sampling). The motion was seconded by E. Lanphier. The motion passed with one (1) abstention.*

- **East Branch Bioassessment**
 - 2019 Bioassessment – MBI has received, and is currently integrating, staff comments into their draft report (data on principal outputs has already been supplied).
 - 2023 Bioassessment – Staff is working on the draft sampling plan including the integration of pre-project monitoring on the Lower East Branch Project Site.
- **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** – All surveys are complete and have been submitted to MBI.
 - Salt Creek DMR data – DMR data for all Salt Creek POTWs from 2017-2021 has been received by the DRSCW and submitted to MBI.

11. Chlorides

- **Workshops** – Staff has received a proposal from Bolton-Menk, Inc. in the amount of \$7,500 to provide three public roads deicing workshop webinars which are scheduled for September 26, October 4, and October 10, 2023. The parking lot & sidewalks workshops will be held on September 27 and October 3, 2023 and will be taught by The Conservation Foundation staff, J. Hammer and H. Miller. Calibration workshops are also to be scheduled and with dates TBD.
- **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** – A draft report from Baxter and Woodman (B&W) has been received by staff. Edits to the report have been developed and submitted to B&W for report finalization.
- **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 will be 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.

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- **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 and into Spring of next year. Analysis of the data is ongoing.

12. Other Activities

- **MS4 Activities Report** – The 2022-23 DRSCW ILR40 Activities Report was emailed to Agency members on April 17, 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).
 - Education Strategy – The Education Strategy Implementation Plan was submitted to the IEPA on March 30, 2023.
 - Water Resources Inventory (WRI) – The final WRI was submitted to the IEPA on March 29, 2023. The final WRI is included in the watershed-based plan and can be found on the project’s website (www.uppersaltcreek.com).
 - Watershed-Based Plan – The final Watershed-Based Plan was submitted to the IEPA on March 29, 2023 and is available on the project’s website (www.uppersaltcreek.com).
 - Project Report – The final Project Report was submitted to the IEPA on March 30, 2023.
 - Quarterly Reporting – Quarterly reports were submitted to the IEPA on January 1, 2023 and March 31, 2023. The next quarterly report is due to the IEPA on July 15, 2023.
 - Reimbursement from the IEPA – A reimbursement request for work completed between May 2022 to October 2022 for a total value of \$16,507.62 was submitted to the IEPA on January 15, 2023. The final reimbursement request will be submitted in April 2023.
 - Upper Salt Creek Watershed Planning Council (USCWPC) – A meeting of the USCWPC was held on January 17, 2023 and March 21, 2023. At this time, there are no future meetings of the USCWPC scheduled.
- **Website** – SSL (security updates) have been done for both websites.
- **East Branch DuPage Watershed-Based Plan (DuPage County Stormwater)** – Final East Branch DuPage River Watershed Based Plan was submitted to the IEPA on October 31, 2022.
- **Coal-Tar Sealants Update** – The Village of La Grange is considering some type of ban.
- **ACOE DuPage River Feasibility Study** – No update.

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- **Newsletter** – No update.
- **Utility Management** – No update.
- **Bacteria on Salt Creek** – Staff will look again this spring/summer to verify that the colonies have not returned.

13. Business Items (new business)

- **Invoice Summary for Review – February 1, 2023 to March 31, 2023**

Invoice Payments from February 1, 2023 to March 31, 2023			
Vendor/Project	Invoice Number	Amount (\$)	Status
Hey & Assoc. - Fullersburg Woods Dam	16077	2,820.00	Paid
Hey & Assoc. - Fullersburg Woods Dam	16159	2,865.00	Paid
Hey & Assoc. - Fullersburg Woods Dam	16319	5987.38	Pending
Hey & Assoc. - Upper Salt Creek	16130	18,676.75	Paid
IL Charity Bureau - Annual Fee (L&A check expired)	NA	15.00	Paid
Inter-Fluve - Southern EB Project	21-04-12-08	612.00	Paid
Lauterbach & Amen - IL Charity Bureau Annual Fee	NA	15.00	Paid
MBI - NE IL DO Analysis	2040	17,333.65	Paid
MBI - EBDR 2019 Bioassessment - Final	2063	9,394.96	Pending
MBI - WBDR 2020 Bioassessment	2080	5,204.58	Paid
MBI - Springbrook Bioassessment	2081	8,310.78	Paid
MBI - Salt Creek 2021 Bioassessment	2082	3,084.37	Paid
Microbac - Chloride Sampling	L22008462	102.00	Paid
Andrew Ragas – Website maintenance	March 2023	360.00	Pending
Tetra Tech - QUAL2Kw	52010355	5,725.00	Paid
Tetra Tech - QUAL2Kw	52020674	1,400.00	Paid
The Conservation Fdn - Oct - Dec Expenses	12989	2,399.46	Paid
Village of Carol Stream - Klein Creek Project	NA	500,000.00	Paid

- **Financial Reports through March 31, 2023** (Attachment 2)
 - **Audit** – The fieldwork for the audit started on *April 13, 2023*.
 - **Insurance** – AJ Gallagher has provided under-budget quotes for the general liability, directors & officers, and crime insurance. All renewals will be completed by the end of April or early May.
- **Membership Dues Payment Update (through March 31, 2023)** (Attachment 3).

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- Agency and associate member annual dues FY2023-24 letters are being prepared.
- Pursuant to the commitment made at the Annual Meeting, at the request of Staff, the Board discussed the possibility of paying some portion of staffing costs out of the Special Condition fund in order to reduce dues/allocation for non-special assessment paying members. It was the consensus of the Executive Board that staffing costs will remain as part of the dues but will be revisited if and when the Special Condition assessments phase out.

14. Presentation and Workshops

- February 2, 2023 – Deriving an ambient Total Phosphorous threshold for the DuPage River and Salt Creek, on-line, IEPA (Scott Twaitt), Presenter: Stephen McCracken and Deanna Doohaluk, The Conservation Foundation.
- February 24, 2023 – Expanding beyond Permit Limits to Achieve Water Quality Goals, February 22-24, 2023 – WWM5, Bhubaneswar, India. Presenter: Deanna Doohaluk, The Conservation Foundation.
- March 2, 2023—Deriving and Implementing an Ambient Total Phosphorous Threshold for the DuPage River and Salt Creek, IAWA Mini Conference, Springfield, IL. Presenter: Amy Underwood, Downers Grove Sanitary District and Stephen McCracken, the Conservation Foundation.
- March 7, 2023 — Deriving an ambient Total Phosphorous threshold for the DuPage River and Salt Creek, on-line, Sierra Club: Stephen McCracken, The Conservation Foundation.
- March 8, 2023 — IPS and Deriving and Implementing an Ambient Total Phosphorous Threshold for the DuPage River and Salt Creek, on-line, NBWW, Presenter: Stephen McCracken
- March 9, 2023 — Coal Tar Based Sealants, a significant source of PAHs? La Grange Village Hall, La Grange Environmental Commission, Presenter: Stephen McCracken, The Conservation Foundation.
- April 10, 2023 – Watershed Track, IPWC, Springfield, Illinois. Moderators of Various Sessions: Stephen McCracken and Deanna Doohaluk, The Conservation Foundation.
- April 20, 2023, IPS and Deriving and Implementing an Ambient Total Phosphorous Threshold for the DuPage River and Salt Creek, on-line, DRWW, Presenter: Deanna Doohaluk, The Conservation Foundation and Ed Rankin, MBI

15. Other Business

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16. Future Meeting Schedule

June 28, 2023 from 9AM-11AM

August 30, 2023 from 9AM-11AM

October 25, 2023 from 9AM-11AM

December 6, 2023 from 9AM-11AM

February 28, 2023 from 9AM-11AM

J. Lomax made a motion to adjourn at 11:01am. The motion was seconded by P. Lach.

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Please note meeting is in person but will also be broadcast remotely. If you need that option here is the Virtual Registration Link:

https://us02web.zoom.us/webinar/register/WN_8Jm1eD1KQQKRp9q5DY3kwQ

President Gorman called the meeting to order at 9:07am.

1. Welcome and Introductions

- 2. Approval of the April 26, 2023 General Membership Meeting Minutes** (Attachment 1). *R. Hayden made a motion to approve the April 26, 2023 General Membership Meeting Minutes. The motion was seconded by J. Lomax. The motion passed unanimously.*

3. Presentation Abstract: Presentation Abstract: Results of the Study of the Associations Between Continuous DO Data and Biological Assemblage data, Nutrient Parameters, and Sestonic and Benthic Chlorophyll Measures

Dissolved oxygen is a key factor for understanding the effects of nutrients on aquatic life. In Northeast Illinois we examined statistics generated from recently collected continuous dissolved oxygen data, (e.g., minimum values, maximum values, maximum diurnal swings of dissolved oxygen, and frequency and duration of Illinois exceedances of dissolved oxygen criteria) and how these demand stressor indicators related to biological assemblages, nutrient parameter concentrations (e.g., NH₃, TP, TKN, etc.) and sestonic and benthic chlorophyll concentrations. The presentation will look at the results of this study and discuss the continuous DO statistics most useful when identifying the impacts of nutrients on aquatic life in streams.

Presenter: Edward Rankin, Senior Biologist, Midwest Biodiversity Institute

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

4. Special Conditions Permit Administration

- **2020 Permit Negotiations** – All agencies except Elmhurst, Wood Dale North and MWRD (Eagan and Hanover Park) have updated special conditions in their Permit. These three agencies have phase 1 permits that expire between 2023 and 2025.

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- **Additional Permit Items**

- Elmhurst – Guarantee of extension language for the City of Elmhurst from IEPA. This item has been discussed with IEPA and a solution identified. Elmhurst’s phase one permit expires August 1, 2023. Stephen has followed up with IEPA about getting a draft permit issued.
- MWRD – The MWRD Board voted at their May 18, 2023 Board Meeting to grant Authority to advertise Contract 21-863-2C Master Plan for Salt Creek at Fullersburg Woods, (estimated cost between \$5,709,500.00 and \$6,911,500.00).
- Glendale Heights – We have reached out to West Chicago, Wheaton, Bartlett, Itasca, and Bensenville to talk about a 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.
- **Annual Report** – The annual report was submitted to the IEPA on March 30, 2023 and confirmed as received by the IEPA on April 5, 2023. The 2022-23 Annual Report can be found at <https://drscw.org/wp-content/uploads/2023/03/drscw-annual-report-final-2022-23.pdf>

5. Physical Projects (Ongoing)

Fawell Dam Modification

- **MOU** - A draft MOU is with the County for review. One of the outstanding items is covered in bullet 2.
- **Potential Project Design Modifications** – Following discussions with County Staff in February 15, 2023, the Team has been working on a management/technical solution for the swing section as County liked the idea that the gates would be able to fully close (swing section open/removed) during winter months. Options for a horizontal swing section and full removal have been reviewed compared and discussed; and the Team is leaning towards proposing a fully removable section.
- **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
 - 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

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- Sign contract and place fabrication order with BK Riverfish
- County 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.

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 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 is working on the final permit and expects to issue the permit by the end of June 2023. 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— A meeting with the consulting parties (Fullersburg Historical Society and Graue Foundation) to discuss potential mitigation measures was held on May 3, 2023. A second meeting to discuss the potential mitigation measures was held with the signatory parties (SHPO/ACOE) on May 23, 2023. The mitigation measures and MOA language was finalized at the May 23, 2023 meeting and include: 1) Submittal of a nomination for the Fullersburg

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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. The ACOE distributed the final MOA to the FPDDC, DRSCW, and SHPO for signature on June 9, 2023. The FPDDC and DRSCW signed the MOA on June 12, 2023. SHPO signature is still pending and is expected to be obtained by June 23, 2023. The MOA must be signed by all signatory parties before the ACOE can issue the Section 404 permit. 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.
- 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 to be signed by all of the signatory parties (mainly SHPO) 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. Once the MOA is signed, the Project Team will submit the photo documentation of the dam for SHPO’s review and continue the coordination with 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 were used for bidding (see below).
- Weekly Progress Meeting – Weekly or bi-weekly progress meetings are being held with Hey and Associates, FPDDC, and MWRDGC.

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- **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
- **Pre-Project Monitoring** – No monitoring is scheduled for 2023.
- **Funding Under ACOE Section 206** – The Master Plan for Salt Creek at Fullersburg Woods was submitted to the ACOE for potential funding by the ACOE Section 206 Aquatic Restoration Program via the 2021 Infrastructure Bill. The project did not receive funding under the 2021 Infrastructure Bill. However, staff will continue to coordinate with the ACOE on future funding opportunities for the project.

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** – A contract MBI for the post-project biological sampling has been signed for 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. Staff has also reached out to Com-Ed to verify their comfort with the proposal. The Conceptual Design is currently under review by Com-Ed’s Realty Department.
- **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 in FY23. FY23 funds will be available once the Federal Government passes a budget. 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. Given the funding by the ACOE, the project has been put on hold until the fiscal year 2023 federal budget is approved.

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- **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 is being reviewed by the Projects Committee chair for review prior to being distributed to the project stakeholder team.
- **2023 Pre-Project Monitoring** – Pre-project monitoring is scheduled for summer 2023. A contract MBI for the pre-project biological sampling has been signed.

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 will be flying a drone to collect lidar data of the site. ENCAP is also collecting soil samples in the wetland areas to determine hydrology.
 - **Payment** – Payments totaling \$862,974.55 have been made to Carol Stream for the Project. There remains \$237,025.45 of DRSCW’s \$1,100,000 commitment in the contract.
- **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. However, a site visit to discuss QHEI will be made with MBI’s staff. Post-project sampling will commence in 2024.

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 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

- **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.

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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 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 rolling annual geometric mean, 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.

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 August 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 will be focused on the NIP. It will include discussion on topics such as the watershed specific instream TP target, Illinois NLRS, NSAC, NIP, or other related work.
- **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.

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- MBI – A scope is being developed with MBI to assist with selected sections of the NIP. This work would be done under MBI’s professional Service Agreement.
- **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.

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- 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)

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- ♦ 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). 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**
 - 2022 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 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.

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- **IPS Model Update**
 - 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>
 - Final Report – Comments have been supplied to MBI for integration into final report. Staff are rewriting some parts of the report (NIP section for example)
 - 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 2022 NLRS Conference was held on November 1, 2022. D. Doohaluk and S. McCracken attended the conference in Springfield, Illinois.
 - 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** – S. McCracken and D. Doohaluk met with C. Davis, A. Haile, B. Fleming, and D. LeCrone on October 31, 2022 in Springfield, Illinois. Staff presented the preliminary strategy for the NIP, including effluent limits and schedules and sought input from IEPA staff. A virtual meeting was held with S. Twaitt on the February

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02, 2023 to discuss the use of the IPS model to develop the TP instream threshold being used in the NIP.

NON-SPECIAL CONDITION PERMIT ACTIVITIES

9. Bioassessment Plan

- **Grant Agreement for Biological and Habitat Assessment** – A grant agreement (contract) with MBI for not to exceed \$182,330 for the 2023 East Branch Bioassessment biological monitoring, three (3) reference sites, pre-project monitoring at the East Branch Stream Restoration Project, one (1) post-project monitoring site at the Morton Arboretum (joint ACOE and Morton Arboretum project). Sampling is scheduled to start in July 2023.
- **Bioassessment Plan 2023-2027- RFP for Water and Sediment Chemistry Collection, Analysis, and Reporting** – Staff is coordinating with First Environmental to draft a Master Service Agreement for bioassessment water and sediment chemistry analysis and reporting based on the Bioassessment schedule approved at the February 2023 Annual Meeting. As the DRSCW General Membership at their December 7, 2022 meeting gave the Executive Board the authority to enter in a master service agreement with the selected laboratory, the agreement will be presented to the Executive Board for their review and approval via email.

Due to urgency to start the collection of water chemistry samples, while staff and First Environmental are still drafting the Master Service Agreement, a Work Order for the 2023 East Branch DuPage River bioassessment has been prepared for a not to exceed cost of \$84,443.05. First Environmental, Inc started the collection of water chemistry sampling on June 5, 2023.

- **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 sampling plan is complete and has been shared with First Environmental and MBI.
- **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** – All surveys are complete and have been submitted to MBI.

10. Chlorides

- **Workshops** – Staff has received a proposal from Bolton-Menk, Inc. in the amount of \$7500 to provide three public roads deicing workshop webinars which are scheduled for September 26, October 4, and October 10, 2023. The parking lot & sidewalks

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workshops will be conducted by The Conservation Foundation staff, J. Hammer and H. Miller and will be held on September 27, 2023 and October 3, 2023.

- A Save the Date for the Chloride Workshops was emailed to the DRSCW mailing lists on June 7, 2023.
- A series of smaller workshops on more specific topics (TBD) will be scheduled.
- *A workshop for Public Works Directors and Street Supervisors is in planning stages in cooperation with the CAWS Workgroup. The in-person workshop is tentatively scheduled for September 12, 2023.*
- **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 will be 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

- **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).
 - Education Strategy – The Education Strategy Implementation Plan was submitted to the IEPA on March 30, 2023.

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- Water Resources Inventory (WRI) – The final WRI was submitted to the IEPA on March 29, 2023. The final WRI is included in the watershed-based plan and can be found on the project’s website (www.uppersaltcreek.com).
- Watershed-Based Plan – The final Watershed-Based Plan was submitted to the IEPA on March 29, 2023 and is available on the project’s website (www.uppersaltcreek.com).
- Project Report – The final Project Report was submitted to the IEPA on March 30, 2023.
- Quarterly Reporting – Quarterly reports were submitted to the IEPA on January 1, 2023 and March 31, 2023. The next quarterly report is due to the IEPA on July 15, 2023.
 - Reimbursement from the IEPA – The final reimbursement request for work completed between November 2022 to March 2023 was submitted to the IEPA on May 25, 2023.
- Upper Salt Creek Watershed Planning Council (USCWPC) – At this time, there are no future meetings of the USCWPC scheduled.
- **Website** – SSL (security updates) have been done for both websites.
- **Coal-Tar Sealants Update** –No update..
- **Newsletter** – The Summer 2023 newsletter will be focused on the NIP. See #9 Nutrient Implementation Plan for more details.
- **Utility Management** – No update.
- **Bacteria on Salt Creek** – Staff will look again this spring /summer to verify that the colonies have not returned.
- **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 are being held on July 6 at 2:00pm and 6:00pm. 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 – April 1, 2023 to May 31, 2023**

Invoice Payments from April 1, 2023 to May 31, 2023			
Vendor/Project	Invoice Number	Amount (\$)	Status
Eureka Water Probe - Maintenance	57776	1747.98	Paid
First Insurance - Directors & Officers Ins 2023-24	NA	1,000.00	Paid
The Hartford - Crime Insurance 2023-24	NA	582.00	Paid

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Hey & Assoc. - Fullersburg Woods Dam	16319	5,987.38	Paid
Hey & Assoc. - Fullersburg Woods Dam	16482	977.50	Pending
Hey Assoc. - Upper Salt Creek Plan	16380	837.25	Paid
Hey & Assoc. - Upper Salt Creek Plan	16449R	4,525.00	Paid
Lauterbach & Amen - Audit (progress billing)	77658	4,400.00	Pending
Liberty Mutual - Genl Liability Insurance	NA	399.00	Paid
MBI - EBDR 2019 Bioassessment - Final	2063	9,394.96	Pending
MBI - Springbrook	2098	4,407.50	Paid
Andrew Ragas - Website maintenance	Mar-23	360.00	Paid
Tetra Tech - QUAL2Kw	52052674	8,570.00	Pending
The Conservation Fdn - Jan - Mar Expenses	13058	5,817.35	Paid
V3 Companies - Fawell	423557	35,240.84	Pending
Village of Carol Stream - Southern WB Restoration	NA	362,974.55	Paid

- **Financial Reports through May 31, 2023** (Attachment 2)
 - **Audit** – The audit has been received and is being reviewed by staff.

- **Staffing Contract** –The TCF contract for 2023-24 is attached. The contract reflects a 4% increase in staff salary and a 2% increase in fixed costs which are line with the budget. (Attachment 3).
 - ✓ *D. Streicher made a motion to approve to approve the TCF staffing contract. The motion was seconded by P. Lach. The motion passed with two (2) abstentions.*

- **Membership Dues Payment Update (through March 31, 2023)** (Attachment 4).
 - Agency member FY 2023-24 annual dues invoices have been sent. Associate member annual dues FY 2023-24 letter and invoices are being prepared.

13. Presentation and Workshops

- March 9, 2023 — Coal Tar Based Sealants, a significant source of PAHs? La Grange Village Hall, La Grange Environmental Commission, Presenter: Stephen McCracken, The Conservation Foundation.
- April 10, 2023 – Watershed Track, IPWC, Springfield, Illinois. Moderators of Various Sessions: Stephen McCracken and Deanna Doohaluk, The Conservation Foundation.
- April 20, 2023, IPS and Deriving and Implementing an Ambient Total Phosphorous Threshold for the DuPage River and Salt Creek, on-line, DRWW, Presenter: Deanna Doohaluk, The Conservation Foundation and Ed Rankin, MBI.
- July 11, 2023, Chloride Pollution and Management. Indiana LTAP Stormwater Drainage Conference, Purdue University. Stephen McCracken, The Conservation Foundation.

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- July 14, 2023 – DRSCW/LDRWC NIP Update, IAWA Technical Meeting, Starved Rock, Ottawa, Illinois, Presenter: Amy Underwood, Downers Grove Sanitary District and Rick Federighi, Village of Addison

14. Other Business

- **Section 319(h) Grant Applications** – The IEPA is currently accepting Section 319(h) Grant applications for green infrastructure projects through August 1, 2023. More information is available at: <https://epa.illinois.gov/topics/water-quality/watershed-management/nonpoint-sources/grants.html>

15. Future Meeting Schedule

August 30, 2023 from 9AM-11AM
October 25, 2023 from 9AM-11AM
December 6, 2023 from 9AM-11AM
February 28, 2023 from 9AM-11AM
April 24, 2024 from 9AM-11AM

J. Lomax made a motion to adjourn at 10:59am. The motion was seconded by R. Hayden.

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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.

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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*

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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

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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.

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- 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

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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

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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

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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

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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

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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.

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- **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.

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- 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)

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- ◆ 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>

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- 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

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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

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- **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

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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:

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<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.

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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

President Gorman called the meeting to order at 9:08am.

1. Welcome and Introductions

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

M. Larson made a motion to approve the August 30, 2023 General Membership Meeting Minutes. The motion was seconded by E. Lanphier. The motion passed unanimously.

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).

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- 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 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

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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 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**

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- 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, 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.

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- **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).
 - 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

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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 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).

✓ *D. Streicher made a motion to authorize a contract amendment with Hey and Associates for Phase 3 services for Fullersburg Woods not to exceed \$87,375. The motion was seconded by J. Hammer. The motion passed unanimously.*

- **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.

✓ *R. Federighi made a motion 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. The motion was seconded by D. Streicher. The motion passed unanimously.*

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

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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 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.

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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 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

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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.
- **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

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- DuPage River. Model set-up and calibration reports were originally submitted to 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

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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)
 - ◆ 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

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- 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). 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.

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- **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.
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).

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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 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, Nilus, 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.

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- **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** – 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.](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

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HACH - Bench Svc Agreement	Quote #23-031268	16,314.05	Paid
Hey & Assoc. - Fullersburg Woods Dam	17034	7,268.75	Paid
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

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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 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

J. Lomax made a motion at adjourn at 11:54am. The motion was seconded by M.B. Falsey.

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

https://us02web.zoom.us/webinar/register/WN_e4b_MPzSQDyksWSckPhUYA

President Gorman called the meeting to order at 9:08am.

1. Welcome and Introductions

2. Approval of the October 25, 2023 General Membership Meeting Minutes (Attachment 1).

J. Lomax made a motion to approve the October 25, 2023 General Membership Meeting Minutes. The motion was seconded by S. Zehner. The motion passed.

3. Presentation Abstract: Progress Report Master Plan for Salt Creek at Fullersburg Woods

The removal of the dam and the stream enhancement at Fullersburg Woods is underway. The Presentation will give members a progress report on the project including the status of the dam, the updated schedule, and public outreach.

4. Presentation Abstract: NIP Recommendations

The Final parts of the NIP are out for review. The presentation will focus on the NIP recommendations, how they address the objectives of the plan, and the proposed schedule for participating POTWs.

Presenters: Stephen McCracken and Deanna Doohaluk, TCF/DRSCW

These presentations have 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

5. Special Conditions Permit Administration

- **2020 Permit Negotiations** –Wood Dale North, Elmhurst, and Naperville have received draft permits from the IEPA. Staff have reviewed the permits to ensure the included Special Condition language is consistent with the verbiage agreed upon (extension). 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).
 - PFAS Monitoring/PFAS Reduction Program Language – The Wood Dale North, Elmhurst, and Naperville permits includes quarterly monitoring of the influent and effluent for 40 PFAS compounds and semi-annually monitoring of biosolids for 40

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PFAS compounds 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. Staff are working with the plants and IEPA on this item. Following a second review by the IEPA, the copper and zinc effluent limits are being removed from the Elmhurst permit. The Wood Dale permit is still under a second review by the IEPA.
- **Additional Permit Items**
 - MWRD – Under DRSCW/ MWRD’s new Agreement MWRD’s will bid and manage the construction of the Master Plan for Salt Creek and provide approximately \$6 million in funding for the project. It also includes DRSCW commitment to reimburse MWRD for all costs above MWRD’s \$6 million in funding for the Project.
 - 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.

6. Physical Projects (Ongoing)

Fawell Dam Modification

- **MOU** –DC SWM approved the MOU at their November 7, 2023 Committee meeting. FPDDC staff presented the Fawell project to their Board at the September 12, 2023 Planning Meeting and the MOU was signed at their November 21, 2023 meeting. The MOU has been signed by representatives of the DRSCW, FPDDC, and DC SWM.
- **Potential Project Design Modifications** – The county has opted for the scenario that would have the ladder partially disassembled during cold weather months. A section will be designed to be removable both manually and by a crane. DC wants DRSCW to cover this annual cost (estimated at \$14,000 a year if a crane is 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 purpose. A 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. Staff noted that the current MOA will limit the 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.

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- **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. If possible, 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 September 2023.
 - Final Contract Invoice – Hey has submitted their final contract invoice for final design, permitting, and preparation of contract bid services. As part of the closeout on this contract, one of Hey's subconsultants, UrbanWorks, has submitted a request for a budget amendment for their work on the preparation of the building and zoning permit application. The original request from UrbanWorks was for \$13,107.52. Staff and UrbanWorks have negotiated a compromise of \$3,276.88 (approximately 25% of the original request). Staff judged these legitimate overrun costs due to the extended timeframe of the work and the start/stop nature they experienced at the start of their tasks that required them to re-familiarize themselves with where things were at each restart. At its November 15, 2023 meeting the Executive Board approved a contract amendment to the Hey &

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Associates final design and permitting contract, not to exceed \$3,276.88, for work performed by their sub-consultant UrbanWorks for their efforts on the Building & Zoning permit.

- Construction – On-going.
- **Partner Outreach** – A letter to editor in opposition of the project appeared in the Daily Herald on Sunday, October 8, 2023.
- **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).
 - MWRD/DRSCW Agreement – The DRSCW and MWRD signed new Agreement that outlines MWRD’s commitment to bid and manage the construction of the Master Plan for Salt Creek.
- **Construction Progress** – Construction started on November 8, 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.
 - Construction Progress Meeting – Biweekly construction progress meetings are held on Wednesdays at 1pm at the Field Office. Coordination meetings are held in the alternative weeks on Wednesdays at 1pm at the Field Office.
 - Permit Activities
 - ILR10 NOI – The IEPA issued the ILR10 on November 16, 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. The instream workplan was approved by KDSWCD on October 30, 2023 and the ACOE on November 13, 2023. Instream work started on November 27, 2023 and was inspected by both KDSWCD and the ACOE on November 27, 2023.
 - Section 404 IP – Written notification to the ACOE indicating the start date and estimated end date of construction was sent on October 20, 2023.
 - DC Building Department – The first required inspection under the Building and Zoning Permit, the SESC inspection, was conducted by DC SWM on November 21, 2023.
 - DuDOT – The DuDOT permit was issued on November 21, 2023.
 - Completed Activities – To date, the following activities have been conducted onsite: site mobilization, installation of security fencing, set-up of the south staging area including tree and brush clearing, installation of traffic control, removal of brick pavers, and the start of instream work. The instream work activities have included the installation of the silt curtain and the construction of the rock work platform.

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- Construction Management Services/Phase 3 Services – The amendment to the Phase 3 Services contract with Hey & Associates approved by the General Membership at the October 25, 2023 meeting has been signed.
- RestoreSaltCreek.org – The project website is being updated for the construction phase of the project.
- **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 FPDDC, the DRSCW will lead this effort. Staff negotiated a scope of work and budget with McGuire Iglleski and Associates (MIA) for a cost of \$13,400. The Executive Board has approved MIA’s scope and budget via an email vote and *a contract was signed on December 3, 2023.*
- **Pre-Project Monitoring** – No monitoring is scheduled for 2023 or 2024.

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 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. Staff will reach out to MBI for the 2023 QHEI data for inclusion in the FPDDC annual report to the ACOE due every December.

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 is needed from other ComEd departments before they could commit to 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 requested additional information on the project via their Environmental Due Diligence Form which staff has provided. Staff is following up with ComEd to see if they require any additional information.
- **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

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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 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.

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 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 \$1,100,000 have been made to Carol Stream 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.

7. 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.

8. 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:

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- 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.)
- Sources of TP and TP ambient conditions
- Deriving and ambient TP Threshold for aquatic life
- QUAL2Kw model development summary and modeled management scenarios
- Urban Washoff Study
- Focus on Aquatic Life
- Relationship Between Chloride and Phosphorus
- Integrated Approach for Improving Aquatic Life (Physical Conditions Impacting DO)

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 Intro, Workgroup Studies, Water Quality Assessment and Watershed Characterization were due on October 13, 2023. Review of the Sources, TP Threshold, QUAL 2kw, and Urban Washoff Study were due by close of business on Friday, November 10, 2023. Review of Integrated Approach for Improving Aquatic Life was due on November 29, 2023. Review of the Relationship between Chloride and Phosphorus and the Focus on Aquatic Life is due on December 1, 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 Permit Holders for their review and comment before integration into the draft document:

- DO Study
 - Implementation Plan (including draft permits)
- **Comments on the Draft NIP from the EAGs** – A. Ettinger submitted comments from the EAG partners on the Draft NIP, primarily focused on the “Deriving and ambient TP Threshold for aquatic life”. Staff held a conference call with the EAG reviewers and MBI to discuss the comments on November 27, 2023.

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- **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 to be achieved via 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 chose 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.

- **Effluent Limit Target Averaging** – A meeting of Special Condition Permit Holders was held on November 6, 2023 to discuss the effluent limit target averaging period for the 0.35 mg/L TP effluent limit being proposed by the NIP. A meeting of the Special Conditions Permit Holders was held November 6 at Lombard Village Hall. At the meeting, various iterations of permit language that would meet the ambient goal were reviewed. The immediate objective was to supply language for draft contracts to be included in the implementation section of the NIP. The first choice was “Seasonal geometric mean of 0.35mg/l for May to October (to be reported on the October DMR) with a 0.5mg/l annual geometric mean, rolling 12-month basis (to first be reported on the DMR 12 full months from the effective date of the permit and monthly thereafter).” Other iterations of the language were ranked in order to give the negotiations team flexibility. Also discussed at the meeting were assessment totals and schedule, the details of some other draft permit language items and the preferred schedule for moving to the proposed permit language.
- **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

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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.
- **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. Hard copies of the newsletter (above) were also passed out the Committee members.
- **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 in early November. 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** – This item has been incorporated into the NIP. See discussion above on the NIP.

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- **Non-Point Source Phosphorus Feasibility Analysis** – This item has been incorporated into the NIP. See discussion above on the NIP.

- **IPS Tool 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.
 - 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, 2024 in Springfield, Illinois. More details and registration at <https://registration.extension.illinois.edu/start/2024-illinois-nutrient-loss-reduction-strategy-partnership-conference>
 - 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. A draft DRWW NARP (Lake County watershed group) has been released.

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- 9. 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

10. Bioassessment Program

- **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. Sediment sampling was completed for both the East Branch and reference sites in November 2023. Fecal coliform sampling was completed by October 31, 2023.
- **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).

11. Chlorides

- **Workshops** – The NE IL Salt Conference was held in-person on Sept. 12, 2023. 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. Workshop sponsorships came from Kane County, Des Plaines Watershed Workgroup, North Branch Watershed Workgroup (\$1,100). Vendor fees were sparse this year with K-Tech (\$300) supporting the five workshops and Henderson and Kueper supporting the in-person Sept. 12 Salt Conference (\$400). The Salt Conference netted a loss of \$520.15. The Parking Lots & Sidewalks (P&S) Workshops netted \$2161.09 (TCF did not request presentation fees.); and the Public Roads Workshops netted a loss of \$548.34. TCF has requested to retain the P&S funds for SaltSmart initiatives. The Public Roads Workshops deficit will be covered by a portion of the \$905.35 held in escrow from the 2022 workshops. Based on the certificates of attendance requested, attendance numbers were 690 for the three Public Roads workshops and 330 for the two Parking Lots & Sidewalks workshops. There were 154 registrations and 278 log-ins for the five workshops for a total of 1020 attendees. The in-person Salt Conference had 101 attendees. At their November 15, 2023 meeting, the Executive Board approved motion

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to approve an expenditure of \$260.07 to cover half of the cost overages from the Salt Conference. The CAWS Chloride Workgroup will cover the remaining overage.

- **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.

12. 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** – The final plan has been moved to the DRCSW website and can be found at <https://drscw.org/watershed-descriptions/salt-creek-watershed/>
- **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 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.

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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 Improvement 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 Jan. 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.

13. Business Items (new business)

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

Vendor/Project	Invoice Number	Amount (\$)	Status
Eureka Water Probes - Sonde repairs	58432	3,120.06	Paid
First Environmental - EBDR Chemical	3 invoices	3,142.50	Pending
First Environmental - EBDR Chemical	179104	510.00	Pending
The Conservation Foundation - July - Sept Exps	13201	2,773.94	Pending
V3 Companies - Fawell Dam	923538	11,307.60	Pending
V3 Companies - Fawell Dam	1023481	1,124.16	Pending

- **Financial Reports through October 31, 2023** (Attachment 2)
- **Membership Dues Payment Update (through November 30, 2023)** (Attachment 3).

14. Presentation and Workshops

- 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
- November 8, 2023 – Update on the Master Plan for Salt Creek at Fullersburg Woods. TCF DuPage County Advisory Council, Deanna Doohaluk, The Conservation Foundation
- Accepted invitations to speak on the Master Plan at Fullersburg Woods on January 24, 2024 for the Sierra Club and in Hinsdale for the UU Church (open to public, date not yet decided).

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15. Other Business

- *Beyond the Basics 2024 – In cooperation with DuPage County Stormwater, The Conservation Foundation is hosting the Beyond the Basics, a biennial virtual conference, to elevate the standard of professional stormwater practice in DuPage County and the surrounding region. This year's virtual conference will be held on Thursday, February 22nd, 2024 from 8:30-12pm. If you are a subject matter expert and interested in sharing your knowledge with this conference's 400+ virtual attendees, please consider submitting an abstract at <https://forms.office.com/r/bN2AmANrsr>.*
- *Water and Waste Management (WWM) – WWM 2024 will be held on February 12-14, 2024 in Chanhga, Ahmedabad, Gujarat, India. Contact S. McCracken for more information.*

16. 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
December 4, 2024 from 9AM-11AM

S. Zehner made a motion to adjourn at 10:43am. The motion was seconded by G. Ulreich.