

**DuPage River Salt Creek Workgroup  
General Membership Meeting  
Village of Lombard Community Room  
April 26, 2023  
Minutes**

**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](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 from 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](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](http://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](http://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**

<b>Invoice Payments from February 1, 2023 to March 31, 2023</b>			
<b>Vendor/Project</b>	<b>Invoice Number</b>	<b>Amount (\$)</b>	<b>Status</b>
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.*