

DuPage River Salt Creek Workgroup
Via Zoom Webinar
June 29, 2022
9:00-11:00 AM
Membership Meeting Minutes

Please register in advance for this webinar at

https://us02web.zoom.us/webinar/register/WN_FTq0oVR5SpKJdMtM6XiPNQ

1. Welcome and Introductions

- 2. Approval of April 27, 2022 meeting minutes** (Attachment 1). *J. Slevnik made a motion to approve the April 27, 2022 General Membership meeting minutes. The motion was seconded by R. Salerno. The motion passed with four (4) abstentions.*

3. Presentation Abstract: Kimberly North Stormwater Study

The Village of Carol Stream and Geosyntec Consultants are performing a comprehensive study of a Stormwater Management Facility (SMF) with a tributary area of about 110 acres (onsite + offsite). The SMF was chosen because it frequently overtops the emergency overflow weir and takes 2-3 times longer to drain than the average SMF in the Village. The entire offsite tributary area has been developed since the subject SMF's construction, which resulted in ten SMF's, eight of which were designed using ISWS Bulletin 70.

EPA's Stormwater Management Model (EPA-SWMM) was chosen for the hydrologic and hydraulic model so that Village staff could build upon it and conduct its own analysis in the future. In addition to analyzing the proposed solutions, the model will examine how an urbanized watershed (that was designed mainly using ISWS Bulletin 70) will be expected to perform using ISWS Bulletin 75. Finally, the model will also provide unique insight into the efficiencies to be gained if static restrictors are replaced by dynamic restrictors, which would be capable of varying the release rates from the multiple SMF's in an attempt to optimize the performance of the watershed as a whole. This presentation will review the methods and present the results of the aforementioned concepts.

Presenter: Gregory R. Ulreich, P.E., CFM Civil/Stormwater Engineer, Dept. of Engineering Services, Carol Stream

4. Presentation Abstract: The Microplastic Monster

Microplastics are ubiquitous in the environment and are found in the influent stream of wastewater treatment plants (WWTPs). Both industrial and municipal sources contribute to the diversity of plastics in wastewater. Current regulations do not require WWTPs to monitor the flow of microplastics through the plant. However, WWTPs are considered a point source for the release of microplastics to the environment. Conventional wastewater treatment processes remove approximately 90% of influent microplastics with additional removal provided by tertiary treatment. With growing concern for human and ecosystem health due

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to the abundance of plastics, it is important for water professionals to be conscious of the impact they have on the removal of microplastics through wastewater treatment.

Presenter: Christine Wood, Donohue & Associates, Inc., Water/Wastewater Engineer

These presentations have been submitted to IEPA for consideration for CEUs for the Wastewater Operator and Drinking Water Operator Certifications. If successful the IEPA course number will be provided to all attendees via email following the meeting.

5. NPDES Permit Special Conditions

- **2020 Permit Negotiations** – Draft and final permits containing the negotiated special conditions are being issued for public notice by IEPA to member POTWs.
 - **MOUs** - MOUs with members adopting the extension are being set up. Of the outstanding MOUs, documentation has been received from Carol Stream and SCSD. Documentation with DuPage County PW is underway.
 - **MWRD** –The MWRD MOU is being reviewed with the possibility of being updated, possibly including the SC permit extension. The additional funding would be allocated to Fullersburg Woods. If this update proceeds, the objective would be to get the extension approved by Fall 2022.
 - **Elmhurst** – Staff has approached IEPA about getting some kind of assurance from them that Elmhurst will get the extension language when their phase 1 permit expires in August 2023. This assurance was requested by Elmhurst’s staff.
 - **Glendale Heights** – A letter has been sent to Glendale Heights confirming that DRSCW would continue working on the NIP and physical projects after they wrapped up funding in 2022. Staff is drafting a revised agreement for all POTWs that are not taking the SC extension that confirms that all commitments under the original SC will continue to be met by the DRSCW.
 - **Fecal Coliform** – Staff contacted IEPA about getting a preview of what the Fecal Coliform reporting will look like on the DMR. Unfortunately, no response was received.
 - **Chlorides** – The chloride limit has been removed from the WCWWWA permit. Bloomindale’s issued permit reflects a monitor only, 1 Day/Month, in line with other parameters.
 - **Chlorine (TCR)** – We are continuing to assist several members with this item.
 - **ECHO/CDX NetDMR** – There appears to be a discrepancy with this system reporting that numerous items have not been submitted, including the DRSCW Annual Reports and the Chloride Reduction Reports, when all items have been submitted to the IEPA prior to the listed deadline. Staff will work with the POTWs and IEPA to address this issue and find a solution to prevent this from happening in the future.

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- **Annual Report** – The Annual Report for 2021 was submitted to IEPA on March 25, 2022.

- 6. Physical Project Update (ongoing)**
 - **Fawell Dam Modification**
 - **Design and Permitting**
 - **Potential Project Design Modifications** – The updated version of the detailed plan has been sent to DuPage County Stormwater (the dam’s owner) for review and assessment. If County Stormwater accept the plan it will move to the Projects Committee for approval and then be submitted for permitting. Details on the cost, design and constructability of the proposal will be the subject of an upcoming Projects Committee meeting as part of a total project review.
 - **MOU** – DuPage County and Projects Committee comments have been integrated into an updated draft. The draft MOU is with a subgroup of the projects committee for a second review. Two items have been sent to DuPage County for further clarification (Notifications and Indemnification).
 - **Scope and Fee** – A call with BK Riverfish for a design and fabrication scope and fee proposal was held during the week of May 31-June 3, 2022. We are currently developing a design cost proposal for the projects committee to assess.
 - **Post Project Monitoring** – DRSCW is working with partners and BK Riverfish on a plan for post-project monitoring.
 - **Project Timeline**
 - An order for the ladder with BK RiverFish has not yet been placed. It will be placed when County Stormwater and the projects committee have accepted the construction plan and the MOU.
 - The new permits push the construction completion deadline back to December 2022. If this needs to be extended further a request will be sent to IEPA in August with an updated time line.
 - 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.

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- **Partner Outreach** – The Graue Mill Foundation and Fullersburg Historical Society are continuing their campaign against the project. Staff has received calls from two residents who are supportive of the project.
- **HB0688** – No update.
- **Final Engineering and Preparation of Contract Bid Documents**
 - Preliminary Modeling/Design – Hey has completed preliminary modeling and design for the dam removal and stream restoration. See the section on the DC Permit Submittal below for more details on the FEQ modeling. A meeting to present the design to the Projects Committee will be forthcoming.
 - Additional Survey Work – Additional survey work has been completed by Claassen White and Associates.
 - Visitor Experience/Recreational Amenities –A meeting with the IL SHPO is being scheduled to discuss the design plan for the visitor experience and recreation amenities.
 - Geotechnical Survey and Sediment Sampling – No update.
 - Structural Analysis of the Dam – No update.
 - Floodwall Inspection and Repairs – No update.
 - HAER/HABS – Preliminary site inspection work for the HAER/HABS including photographs of the dam was conducted on May 27, 2021. A meeting to discuss the HAER/HABS is being scheduled with IL SHPO.
 - Permitting
 - Section 404 Permit Application (ACOE) – A permit application for Nationwide Permit 53 for low-head dam removal, Nationwide Permit 58 for the water intake for the raceway pumps, and a Nationwide Permit 27 for the aquatic and riparian habitat restoration work were submitted to the ACOE on April 14, 2022. The ACOE has responded to our Section 404 permit application with a Completeness Determination letter (dated June 15, 2022) which requested some additional information. Staff and Hey are compiling the requested information and should submit a response by June 24, 2022. No permit reviews are expected to be charged by the ACOE for their review of the Section 404 permit application.
 - 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 -- The ACOE has conducted a preliminary review of the application and requested additional information regarding the special conditions of the NWP as related to the

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Section 401 Water Quality Certification. The DRSCW and Hey prepared a response to the ACOE questions which was submitted on May 23, 2022.

- ACOE Archology Review – As part of the ACOE Review, the ACOE archeologist will review the project and draft an initial adverse effects letter as part of the Section 106 permit review process. The ACOE requested guidance from IL SHPO on this letter. A meeting was held on May 31, 2022 with Erich Ceisel (ACOE Permit Reviewer), Brant Vollman (ACOE Archeologist) and Hey, FPDDC and DRSCW staff to discuss the adverse effects letter and the Section 106 process. The ACOE brought up that a Phase 1 Archeology Survey of the project area may be required for the Section 106 process. A Phase 1 Archeology Survey is a field assessment to determine the presence or absence of archaeological resources within a project area. The ACOE is concerned that the removal of the dam and impoundment could potentially reveal archeological sites along the banks exposed by the project. Based on feedback from the ACOE during the meeting this requirement may be waived if we can show that the site has been heavily modified by previous projects at the site (installation of trails, dredging, etc.) and/or exposed banks are sediment/mud flats and not really appropriate for this type of survey work. Staff and Hey prepared a map and narrative of all the historical disturbances within the Fullersburg Woods Forest Preserve with the goal of convincing the ACOE and ISHPO that a Phase I Archeological Survey is not needed or significantly limiting the scope of the survey if one is required. The ACOE and ISHPO has yet to decide on the Phase I Archeology Survey requirements for the project. No permit reviews are expected to be charged by the ACOE nor ISHPO for their review of the Section 106 permit application.
- DuPage County Permits – The project will require permits from DuDOT, DuPage County Building and Zoning and DuPage County Stormwater Management.
 - 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 – The permit application to DuDOT is under development and will be submitted by June 24, 2022. Based on staff's and Hey's review of the DuDOT permit review fees, the following fees are likely to be assessed for the project: Application fee \$100.00; temporary construction access \$250.00, temporary road closures (10 days) \$750.00; fencing/guard rail

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installation \$50.00, and warning signage (2 signs and 1 post) \$300 for a total of \$1,450. *These fees are estimated based on staff review of fee schedules.*

- DC Building and Zoning – The Permit application to DC Building and Zoning is under development and will be submitted by June 24, 2022. Based on Staff's and Hey's review of the DC Building Department permit review fees, the following fees are likely to be assessed for the project: Application fee \$150.00; electrical permit \$100.00, electrical circuit installation 3 phase (2 circuits) \$20.00; building review fee \$11,229.84 for a total of \$11,499.84. The building review fee is assessed as \$30.00 per \$1,000 of cost of the project. The elements of the project the building department will review total \$415,920.00 and include work associated with the water wheel motor (\$300,869.00); the pump system to provide water to raceway (\$94,175.00), and floodwall repairs (\$20,876). As the project is co-sponsored by the FPDDC, a discount of 10% on the review fees will be given. *These fees are estimated based on staff review of fee schedules.*
- DC SWM – The DC SWM permit application was submitted on June 13, 2022. As part of this process, the DRSWC is responsible for application and permit fees. The fees are as follows: Application Fee: \$265.00; Stormwater: Large Site \$1,585.00; Floodway: Development in Reg Floodway \$8,395.00; Wetland & Buffer Review: >50 acres \$1,585.00; and Wetland & Buffer Mitigation Plans >5 acres \$5,090.00 for a total of \$16,920.00.
- Other Permits
 - Kane DuPage Soil and Water Conservation District – Application to be submitted by June 24, 2022. Permit fees for KDSWCD include Application Fee Site 30-39 acres \$600.00; Inspection Fee Site 30-39 acres \$5,800 (\$2900 [per year for 2 years]); Instream/Stream-Side Work 6-8 months project length \$2,800; *Wetland Impact Fee \$425.00*; Pre-Construction Notification Fee \$500 (will be refunded upon written notice of construction start date) for a total of \$9,700.
 - IDNR/OWR Floodplain/Floodway – Application was submitted to IDNR/OWR and delegated to DC SWM. A permit of \$230 was paid to IDNR/OWR for their review of the Floodplain/Floodway permit application.
 - IDNR/OWR Dam Safety – Application has been submitted and waiting on comments. It is estimated that permit review fees for IDNR/OWR dam

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safety for the removal of the dam will be \$2,880.00. Additional fees may be added by IDNR/OWR Dam Safety during their review process.

- IEPA NPDES – The draft ILR10 and SWPPP will be included in the bid documents and will be submitted by the contractor prior to construction. Permit fees will be paid by the contractor upon their submittal.
- Village of Oak Brook Road Access Permit – Application will be submitted by June 30, 2022. At this time permit fees for the Village of Oak Brook are unknown but Staff estimates that will be similar to DuDOT.
 - ✓ *S. Baert made a motion to authorize the expenditure of up to \$50,000 for the permit fees for the Master Plan of Salt Creek at Fullersburg Woods. The motion was seconded by T. Minarik. The motion passed with three (3) abstentions. The monies will be taken from the Contingency funds and recorded as expended under the Fullersburg Woods Dam removal line item for the payment of permit fees.*
- **Bid Documents** – Preliminary 98% Plans and Specifications and a project cost estimate have been prepared. Documents are under review by MWRDGC and FPDDC. A field meeting was held on May 20, 2022 with MWRD, FPDDC, and DRSCW staff as a walk through for the 98% Plan. The 98% Plans and Specifications were submitted to MWRD for their official review process on June 27, 2022.
- **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.
- **Pre-project Monitoring** – No monitoring is scheduled for 2022.
- **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**
 - At the 04/27/2022 meeting, the General Membership approved staff to negotiate a contract not to exceed \$11,000 with MBI for the for the 2022 post project monitoring. However, due to increased travel costs and the lack of a basin assessment to offset mobilization costs the negotiated cost came to \$12,718.28. A proposal to take the additional \$1,718.28 from the special projects contingency funds was made to the Board and was accepted. A contract for this amount has

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been signed with MBI. The expenditure will be shown under the Spring Brook line item.

- **Southern East Branch Stream Enhancement Project**
 - **Survey Work** – The Projects Committee has asked the Board to allow \$8,640 to be taken from the Special Projects Contingency funds to improve the accuracy of the LiDAR data for the project. This request was approved. The additional survey work was completed on April 20-22, 2022. Expenditure will be recorded under the Southern East Branch Restoration line item.
 - **Wetland Delineation** – The wetland delineation has been completed.
 - **Conceptual Designs** – Discussions on the conceptual designs were held with Project Stakeholders on November 9, 2021 and December 16, 2021. The Conceptual Design Report was shared with Project Stakeholders via email on January 21, 2021 and a meeting to discuss the report was held on February 8, 2022. The Conceptual Design Report includes conceptual designs for the Lower East Branch from Hobson Road to Weber Road broken into four (4) reaches: Reach 1: Hobson Road to Royce Road; Reach 2: Royce Road to Trout Farm Park, Reach 3: Trout Farm Park to Whalon Lake; and Reach 4: Whalon Lake to Weber Road. Additionally, the concept plans include two (2) alternative designs for Reach 3.
 - **Impact Prediction** – Staff has worked with Ed Rankin of MBI to use the IPS data to predict the impacts of the project. This was done by calculating the response of IBI to changes in QHEI.
 - **Pre-project Monitoring** – At this time it is not scheduled that pre –project monitoring will be carried out in 2022. The need for this is still under review (In 2021 MBI completed post project monitoring at eleven (11) sites between 75th Street and Weber Road).
 - **Possible Private Funding** – Discussions have opened with TCF on the possibility of having a fund-raising campaign to allow private residents to contribute privately to stream restoration projects. A first donation from Dennis Streicher was made in December. A thank you letter has been sent to Dennis.
 - **Funding under ACOE Section 206** – The Lower East Branch Steam 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 listed of projects to be funded in FY23. FY23 funds will be available in October 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%

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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 temporary hold until October 2023 when the funds become available to the DRSCW.

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

- **Bidding and Contract Award** – The Village of Carol Stream released a bid package for the project that will stabilize Klein Creek from just north of North Avenue (IL Route 64) at Kuhn Road to Thunderbird Trail. The DRSCW will be funding \$1,100,000 which will be directed to the reconstruction of 1,500 feet of the Klein Creek from Kuhn Road to just downstream of the Carol Stream’s wastewater treatment plant’s outfall (referred to as Klein Creek Section 1 Stream Bank Stabilization project). The remaining 1,900 feet upstream to Thunderbird Trail is being funded by an IEPA 319(h) grant (Agreement No. 3192009) whose funding cannot be used to meet the conditions of an NPDES permit. The Engineer’s estimate for the entire project is \$3,800,000.

The Village of Carol Stream received four (4) bids on the project: EarthWerks Improvement and Development Company (\$3,488,664); Resource Environmental Solutions LLC (\$3,897,388.88), V3 Construction Group, Ltd. (\$4,348,690.00), and Martam Construction, Inc. (\$7,445,205.04). On May 2, 2022, the Village of Carol Stream approved a construction contract with EarthWerks Improvement and Development Company at the contract unit prices with an estimated total price of \$3,488,664.00 for the Project. A notice to proceed was issued to EarthWerks on May 11, 2022. Staff will follow-up with Carol Stream to compare prices between the cost estimate and the winning bid for the DRSCW funded items.

- **Construction Progress Update** – Construction is expected to begin in *August 2022*.

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 (NIP)

- **NSAC Update** – The NSAC recommendations are not foreseen as being on the IPCB agenda for rulemaking in 2021.

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- **Nutrient Loss Reduction Strategy (NLRS)** – The 2021 NLRS biannual update has been issued and can be viewed at <https://www2.illinois.gov/epa/topics/water-quality/watershed-management/excess-nutrients/Pages/nutrient-loss-reduction-strategy.aspx>.

The next annual conference for the NLRS will be held on November 2, 2022. Additional details are forthcoming.

- **NIP Consultant** – A general services agreement for assistance with preparation of the NIP was executed with Tetra Tech (Work Order 1 \$4000).

- **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 submitted to the Projects Committee for review in April 2022.
- **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.
- **TP Reduction Scenarios** – Preliminary scenarios for a reduction in POTW TP limits to 0.28 mg/L and 0.22 mg/L have been run on East Branch DuPage River. Additionally, the preliminary scenarios for a reduction in POTW TP limits to 0.28 mg/L have been run for the West Branch, Salt Creek, and Lower DuPage models. These results were presented at the April 12, 2022 Projects

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Committee Meeting and the April 27, 2022 DRSCW General Membership Meeting.

- **Other Scenarios** – The following scenarios have been run on all four models:
 - 1) No POTW discharges and 2) no nutrient/CBOD/Ammonia discharge from POTW. Additionally, the IEPA/IWEA/EAG TP target of 0.5 mg/L has been run on the East Branch model. These results were presented at the April 12, 2022 Projects Committee Meeting and the April 27, 2022 DRSCW General Membership Meeting. The slides from the both presentations were shared with the Projects Committee and the slides/recording of the General Membership presentation are available on the DRSCW website.
 - **Potential Additional Scenario Runs** – 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 three additional scenarios on Salt Creek:
 - Egan at an effluent limit of 0.35 mg/L and the downstream WWTPs at their current TP discharge limits.
 - Egan at an effluent limit of 0.10 mg/L and the downstream WWTPs at their current TP discharge limits.
 - Egan at an effluent limit of 0.35 mg/L and the downstream WWTPs at an effluent limit of 1.0 mg/L.Similar scenarios are being considered for the West Branch and Lower DuPage River.
 - On May 9, 2022, at the recommendation of the Project Committee, the Executive Board approved a contract amendment to add \$10,000 to the current contract with Tetra Tech to cover additional scenario runs. The \$10,000 was moved from the NIP budget line into the QUAL2K budget (\$191,090 remaining in NIP budget FY22-23).
- **Scenario Report** – Tetra Tech is drafting the scenario report. Additional graphs as requested by the Projects Committee (% of time below DO standard, chlorophyll a, etc.) have been developed. The draft scenario report will be shared for review at the Projects Committee.
- **Non-Point Source Phosphorus Feasibility Analysis**
 - **Analysis of Street Sweeping and Leaf Litter Collection Practices**
 - Final Report – The final report was submitted to the IEPA on December 24, 2021. The final report can be found at <https://drscw.org/wp->

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[content/uploads/2022/01/drscw_npsphosphorusreductionfeasibilityanalysis_final.pdf](#)

- **Missing Agencies** – Staff is following up with all communities/agencies that have not submitted a completed leaf litter questionnaire to see if additional data can be gathered. If additional questionnaires are received, an addendum to the report will be drafted.
- **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** – Expanded DO sampling for the Salt Creek and Lower DuPage watersheds and the reference sites has been completed.
- **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=Ueg38jsi-gE&feature=youtu.be>
 - The staff review of the written materials for both the IPS Update and the Peer Review has been completed. Comments were submitted to MBI who are incorporating the comments into the documents. Once the revisions are complete, the documents will be shared with the Project Committee for their review.
 - **Power BI Training** – Due to personal reasons with the MBI staff, the IPS training that was scheduled for mid-January has been postponed and has yet to be rescheduled. This training is being coordinated with the LDWRC, DRWW, and NBWW.
 - **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 has prepared a scope of work and budget for the Development of Relationships and Thresholds for Continuous DO variables, nutrients, and biological Attributes in NE Illinois IPS. The objective of this project is to gather and analyze continuous D.O. data from NE Illinois that also represents the full gradient of quality spanning excellent, good, fair, poor, and very poor biological conditions. The proposed cost of the work is \$35,753.12.
 - At the request of the Projects Committee, the Executive Board gave staff permission to enter into a contract with MBI not to exceed \$10,000 so that the work could be started immediately. The \$10,000 was funded by the NIP budget

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line. At their May 26, 2022 Membership Meeting, the Lower Des Plaines Watershed Group (LDWG) voted to fund \$25,000 of this work as their contribution to this study and the development of the IPS model. With this contribution, the total funds needed from the DRSCW/LDRWC totals \$10,753.12 of which \$10,000 has already been approved by the Executive Board. At their June 9, 2022 meeting, the Executive Board approved a request for an additional \$5,753.12 (now \$753.12) bringing the total DRSCW/LDRWC contribution towards for the Continuous DO variable study to \$15,753.12 (now \$10,753.12). The motion also included authorization to present the request for project funding not to exceed \$15,753.12 (now \$10,753.12) to the General Membership for approval at their June 29, 2022 meeting. The project will be funded by the NIP budget line (\$180,337 remaining in NIP budget FY22-23).

✓ *S. Baert made a motion to authorize the expenditure of not to exceed \$10,753.12 from the NIP budget for a contract with MBI for the Development of Relationships and Thresholds for Continuous DO Variables, Nutrients, and Biological Attributes in NE Illinois IPS. The motion was seconded by L. Cox. The motion passed with two (2) abstentions.*

- **Reference Site Analysis** – It is desirable in advance of the NIP that we want to increase the paired data for performing sites in our dataset and have reference data for Spring Brook 2022. Staff would like the option to ask the DRSCW General Membership to make \$16,000 available to do 3-4 reference sites (\$11,000 3-4 biological sites and \$5,000 for chemistry). Funds will come from NIP line item. At their June 9 2022 meeting, the Executive Board approved a request to authorization for staff to draw up to \$16,000 from the NIP budget line to implement the Expanded DO program at selected reference sites to the General Membership for approval at their June 29, 2022 meeting. (\$160,337 remaining in NIP budget FY22-23)

✓ *D. Streicher made a motion to authorize the expenditure of up to \$16,000 from the NIP budget for the implementation of the Expanded DO program at selected reference sites. The motion was seconded by S. Baert. The motion passed with one (1) abstention.*

- 9. **Springfield Regulatory and Legislative Updates** – S. McCracken and D. Doohaluk will schedule a visit to the IEPA in 2022. If an in-person meeting cannot be held, a virtual meeting will be held. The focus of the meeting will be on the NIP.

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Non-Permit Activities

10. Bioassessment Plan

- **East Branch Bioassessment** – MBI is working on completing the 2019 DRAFT Bioassessment report (data on principal outputs have already been supplied).
- **West Branch Bioassessment** – MBI is working on completing the 2020 DRAFT Bioassessment report (data on principal outputs has already been supplied). Staff have been working with MBI on updating the Land use tables.
- **Salt Creek Bioassessment** – The biological, physical, water chemistry, and sediment chemistry surveys are complete. Water chemistry and sediment chemistry data has 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. Monitoring (non-Bioassessment)

- **Fecal Coliform Sampling** – No sampling is scheduled for 2022.
- **Continuous DO Monitoring** – Continuous DO monitoring is ongoing.
 - Continuous DO monitoring sites where the sonde is installed in a bridge-mounted casing are being left out year-round as a means of collecting a complete data set which will be helpful for future water quality modeling efforts.
 - Staff has added water column chemistry for nutrient/demand parameters and chlorophyll A at all continuous DO sites starting with the Salt Creek bioassessment. This data will also be used for future water quality model calibrations.
 - Due to bridge repairs, the sonde casing located on the Hidden Lakes Bridge has been removed. Staff has reinstalled the sonde downstream of the former sonde location until the bridge is repaired.
- **Conductivity Monitoring** – Starts again on December 1.
 - **Chloride Grab Sampling** – At sites where continuous DO monitoring doesn't correspond with bioassessments sites, chloride samples (grab samples) will be collected during the summer months at each of the winter conductivity monitoring sites to generate linear relationships between chloride and conductivity. In winter 2021/2022, additional chloride grab samples have been collected at the winter conductivity sites to update and refine the existing linear relationship curves for chloride and conductivity. NOTE: Staff has been notified that Microbac will be charging a \$3.50 “sustainability fee” on every sample until further notice.
- **MS4 Permit** – The current Illinois MS4 permit (ILR40) expired on 2/28/2021. The draft 2021 ILR40 permit was posted for public notice/comment on September 2,

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2021 and the public notice closed on October 1, 2021. There are significant changes to Part IV. Stormwater Management Programs. The IEPA received over 200 comments via the public notice. Once the comments are reviewed, the IEPA will revise the permit based on the feedback received. The revised permit will need to be submitted to the US EPA before it can be issued to communities. It is expected that a new MS4 permit will be issued by Summer 2022. The draft ILR40 can be viewed at: <https://www2.illinois.gov/epa/public-notices/Pages/npdes-individual-notices.aspx>

- The DRSCW's List of MS4 activities from March 1, 2021 to March 31, 2022 was emailed to all DRSCW agency members on May 6, 2022 for inclusion in their annual MS4 report.

12. Chlorides

- **Workshops** – DRSCW, LDRWC, LDWG, TCF, and Lake County staff have agreed on 6 virtual only workshops and a \$50 fee for each workshop shareable link. Workshops are scheduled for: Public Roads from 8am-12pm on the following dates: September 27, 2022, October 5, 2022, October 6, 2022, October 12, 2022, and Parking Lots & Sidewalks from 8am-12pm on September 29, 2022 and October 11, 2022. Connie Fortin with Bolton-Menk sent a proposal which amounts to \$10,000 to \$12,780 for 6 workshops. A slightly higher fee is being charged for greater than 50 log-ins. In-person technical workshops are also being considered by TCF staff.
- **Salt Management Questionnaire** – The 2020-2021 Chloride Management BMP questionnaire is due to go out in the second half of 2022.
- **BMP and Loading analysis** – A draft report from Baxter and Woodman has been received by staff. Following staff edits and wider review the report will be submitted to the chloride and monitoring committees for further review and comment.
- **SB2138 (liability for contractors)** – No update at this time.
- **Sensible Salting Committee** – TCF has received a 319 Grant to develop a Certification and Training for Parking Lots and Sidewalks. This 319 Grant will serve as a continuation of the technical manual developed by the Sensible Salting Committee. The text of the manual is nearly complete. Proposals for a graphic designer to format and produce the manual are being reviewed. The training program is being developed.
- **Time Limited Water Quality Standard (TLWQS) for Chlorides for the Chicago Area Waterway System (CAWS) and portion of the Lower Des Plaines** – The TLWQS for chlorides sets a “interim water quality standard” for chlorides in the CAWS and portion of the Lower Des Plaines watersheds and requires permittees to implement and track chloride best management practices (BMPs). The USEPA has approved the TLWQS for chlorides on May 13, 2022 and the IEPA is beginning to issue permits to facilities.

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Facilities are also starting to implement the TLWQS requirements. A TLWQS for chlorides is not applicable to the DRSCW watersheds as chlorides are being managed via the Workgroup's TMDL implementation plan.

- **ILR00 and Chlorides** – No update.
- **Street Sweeping data** – Chloride in street sweepings 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. Additional data from Lisle and Wood Ridge has also been collected.
- **Tollway Grant** – Scott Weber (formerly with Hanover Park) has been retained by the DRSCW to work with Itasca to develop a snow plan and a proposal for Tollway Funding.

13. Other Activities

- **Upper Salt Creek 319 Watershed Plan**
 - **Education Strategy** – The draft education strategy was submitted to the IEPA on July 27, 2021 and the final education strategy was submitted on August 30, 2021.
 - **Water Resources Inventory (WRI)** – The draft WRI was submitted to the IEPA on January 12, 2022.
 - **Quarterly Reporting** – A quarterly report was submitted to the IEPA on April, 2022. The next quarterly report is due to the IEPA on July 15, 2022.
 - **Reimbursement from the IEPA** – The DRSCW has received its first reimbursement from the IEPA for \$43,318.29 which includes all work from September 2021 through November 2021.
 - **Upper Salt Creek Watershed Planning Council (USCWPC)** – A meeting of the USCWPC was held on March 8, 2022 and June 21, 2022. The next meeting of the USCWPC is TBD.
- **East Branch DuPage Watershed-Based Plan (DuPage County Stormwater)** – Staff supplied an overview on DRSCW monitoring in the East Branch River Watershed for inclusion in the plan. Staff has prepared and submitted a list of projects to be included in the plan. IEPA has awarded DC SWM a grant extension to the end of 2022.
- **Website** – No update.
- **Coal-Tar Sealants Update**
 - **SB 0692** – Illinois has passed Senate Bill 0692- Coal Tar Sealant Disclosure. SB 0692 takes effect on January 1, 2023. Full text of the act can be found at: <https://www.ilga.gov/legislation/publicacts/fulltext.asp?Name=102-0242>
 - **New Local Ordinances**

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- Bolingbrook Parks Department issued a contract for a parking lot expansion that included the use of RT-12. Following contact with the Department’s staff it appears they are revising the specifications in the scope.
- **ACOE DuPage River Feasibility Study** – No update.
- **Newsletter** – A Spring/Summer Newsletter is being produced.
- **Utility Management** – No update.
- **Bacteria on Salt Creek** – Staff will observe the area again this summer for traces of the “sewer fungus”.

14. Business Items (new business)

- **Invoices for Approval – April 1, 2022 to May 31, 2022**

Vendor/Project	Invoice Number	Amount (\$)	Status
Liberty Mutual - Gen'l Liability Insurance	N/A	328.00	Paid
The Hartford - Crime Insurance	N/A	582.00	Paid
Andrew Ragas - RestoreSaltCreek website	Mar-22	210.00	Paid
AJ Gallagher - Directors & Officers insurance	4257792	1,000.00	Paid
Hey & Assoc. - Fullersburg Woods Dam	14718	5,794.15	Pending
Hey & Assoc. - Fullersburg Woods Dam	14783	4,506.25	Pending
Hey & Assoc. - Upper Salt Creek	14745	3,510.00	Paid
Hey & Assoc. - Upper Salt Creek	14839	3,422.75	Pending
IL Dept of Nat'l Resources-FullersburgDamPermit	NA	230.00	Paid
Inter-Fluve - EB DuPage River	21-04-12-06	54,982.26	Pending
Lauterbach & Amen - Audit (partial payment)	65352	4,250.00	Paid
Lauterbach & Amen - Audit & Tax Return Prep	66701	3,060.00	Pending

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Microbac - Chloride Sampling	3 invoices	900.00	Paid
Tetra Tech - QUAL2Kw	51878783	8,203.75	Paid
Tetra Tech - QUAL2Kw	51892585	7,822.50	Pending
The Conservation Foundation - Jan & Feb Exps	12800	1,235.82	Pending
The Conservation Foundation - Interns (Jan&Feb)	12799	157.50	Pending

- **Financial reports through May 31, 2022** (Attachment 2).
 - **Insurance** – The renewal for the insurance policies is complete.
 - **Audit** – The final audit report has been received and posted on the website.
- **Membership Dues Payments Update (through March 31, 2022)** (Attachment 3).
 - Agency annual dues FY 2022-23 invoices have been sent to members. The dues invoices for associate members will be forthcoming soon.
- **Staffing Contract** – The TCF contract for 2022-23 is attached. (Attachment 4). At their June 9, 2022 meeting, the Executive Board accepted the TCF staffing contract for 2022-23 and gave their permission to present the contract to the General Membership for approval at their June 29, 2022 meeting.
 - ✓ *R. Salerno made a motion to approve the TCF contract for 2022-23. The motion was seconded by S. Zehner. The motion passed unanimously.*

15. Presentations and Workshops

- April 25-27, 2022 – NARP Updates, IWEA Annual Conference (S. McCracken moderator, A. Gronski, panel member)
- April 26, 2022 – Derivation of a Local Chloride Threshold for Wadeable Streams, Emerging Contaminants in the Environment Conference (D. Doohaluk)
- June 15-17, 2022 – Constructing an effective watershed Approach, International Water and Waste Management Conference, Bangkok, Thailand (S. McCracken), included panel moderation and discussion facilitation on water management issues.

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16. Other Business

17. Workgroup Meeting Schedules

August 31, 2022 from 9AM-11AM
October 26, 2022 from 9AM-11AM
December 7, 2022 from 9AM-11AM
February 22, 2023 from 9AM-11AM
April 26, 2023 from 9AM-11AM
June 28, 2023 from 9AM-11AM

S. Zehner made a motion to adjourn at 11:04am. The motion was seconded by R. Salerno.