

**DuPage River Salt Creek Workgroup
Via Zoom Webinar
December 9, 2020
9:00-11:00 AM
Membership Meeting Agenda**

Please register in advance for this webinar at
https://us02web.zoom.us/webinar/register/WN_cCI4YhJWRRquDS9bo5fc_A

1. Approval of October 28, 2020 meeting minutes (Attachment 1).

2. Presentation: Even More Contaminants of Emerging Concern

Contaminants of emerging concern (CECs) are chemicals and other materials that have been found in the environment, but whose risk to both aquatic life and people is not fully understood or regulated. CECs, including substances like pharmaceuticals and personal care products, microplastics, and PFAS, are increasingly causing concern due to their presence in both municipal water supplies and natural waters. This talk is a continuation of Ms. Zack's presentation from December 2019, and will provide a brief overview of contaminants already discussed (PFASs, microplastics and marine debris) while focusing on another relevant CEC: pharmaceuticals and personal care products.

Presenter: Sarah Zack, Pollution Prevention Extension Specialist, Indiana-Illinois Sea Grant

3. Presentation: Pet Waste Campaign (Attachment 2)

The Conservation Foundation has launched a pet waste outreach campaign with funding from an Illinois American Water Environmental Program Grant. Two signs and 1 poop bag dispenser are being made available for free to communities/park districts. In return you will need to provide a post and installation and participate in a social media campaign this winter and again in May – social media materials are provided or you can create your own with messages provided. This program is a great way to address stormwater permit and Fecal Coliform TMDL requirements. Additional signs are available for \$25 each. Contact Jennifer Hammer to participate jhammer@theconservationfoundation.org

Presenter: Jennifer Hammer, The Conservation Foundation

4. NPDES Permit Special Conditions

- **2020 Permit Negotiations** – Draft permit language and a proposed future project list has been developed from the updated IPS outputs and have been shared with the negotiations team. The draft language includes an extension of the implementation of TP limits of 1 mg/L monthly average for an additional 3 years along with an additional three years of project funding. This draft language and project list have also been shared with our EAG partners and Special Condition Permit Holders. To date, the following DRSCW Permits Holders have expressed interested in extending the Special Condition: Addison, DGSD, Hanover Park, Glenbard (addendum signed), Wood Dale (addendum signed), Elmhurst, Carol Stream, and Bloomingdale (addendum signed).
- All members should check the USEPA ECHO site. It has come to our attention that several members have permit violations (including DRSCW items) listed there. All items that have been reviewed have been shown to be listed erroneously but it is worth making sure the list is cleaned up.

DuPage River Salt Creek Workgroup
Via Zoom Webinar
December 9, 2020
9:00-11:00 AM
Membership Meeting Agenda

5. Physical Project Update (ongoing)

- **Oak Meadows** – Post project biological sampling for 2019 is complete. Project area will be sampled in 2021 as part of the Salt Creek bioassessment.

- **Fawell Dam Modification**
 - A draft plan has been submitted to DuPage County Stormwater for review (8/17/2020). If the County approves, it will immediately go into final modeling and permitting (IDNR-OWR, USACE, and DuPage County).
 - Drafting of an MOU between the DRSCW and DC for the construction /maintenance/ownership of the ladder is underway. The MOU would contain funding to DC SWM for the ongoing maintenance of the ladder system.
 - Schedule is to get the ladder in place in July.

- **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.
 - **Partner Outreach**
 - Impacts of Dams and the Benefits of Dam Removal, TCF Will County Advisory Council, October 19, 2020 (D. Doohaluk)
 - Master Plan for Salt Creek at Fullersburg Woods, LWV-LaGrange, October 24, 2020 (D. Doohaluk)
 - Master Plan for Salt Creek at Fullersburg Woods, TCF DuPage County Advisory Council, November 12, 2020 (D. Doohaluk)
 - **News Articles**
 - Editorial on Dam Removal in the Chicago Tribune (11/09/2020):
<https://www.chicagotribune.com/opinion/editorials/ct-editorial-chicago-suburbs-dams-drownings-removal-20201109-cutn5tp5ijhvbfmqrojbxcpy2q-story.html>
 - **HB 5836** – Introduced by Representative D. Mazzochi (D42). HB 5836 seeks to continue the work of preserving the mill and all of its surrounding grounds and historical components. The legislation was prepared in response to proposals before the Forest Preserve to destroy the existing dam. The legislation forbids the reduction, demolition, or removal of any structures associated with the mill and the dam without the approval of an oversight board that includes representation from the surrounding towns and historical society. As of 12/1/2020 HB5836 has no co-sponsors and was assigned to Rules committee on 11/14/2020.
 - **Pre-project Monitoring** - MBI has completed the second set of pre –project biological and physical habitat sampling at the site.

DuPage River Salt Creek Workgroup
Via Zoom Webinar
December 9, 2020
9:00-11:00 AM
Membership Meeting Agenda

- **Final Engineering and Preparation of Contract Bid Documents**
 - SOI/RFP -- The request for Statement of Interests was issued on October 28, 2020. The SOI request was emailed to all DRSCW members and partners, posted in the Daily Herald and on the RestoreSaltCreek.org and drscw.org websites. Six SOIs were received and three firms were short-listed: AECOM, ERA, and Hey and Associates. Each short-listed firm has asked to prepare a Proposal. The Proposals are due on December 11, 2020 will be reviewed by the Executive Board, interviews held, and a firm selected. Expected date of contract award is January 15, 2021.
 - As the DRSCW General Membership does not meet again until February 24, 2021 staff is requesting that the General Membership give the Executive Board the authority to enter into a contract with the selected Consultant not to exceed \$250,000 to avoid delays in starting the final design work.
 - *A motion, second, and vote is needed to give authorization to the Executive Board to enter into a contract with selected Consultant not to exceed \$250,000.00 for the final design and preparation of contract bid documents for the Concept Master Plan for Salt Creek at Fullersburg Woods.*
 - **Construction** - Staff will continue discussions with MWRDGC on their ability to let and manage the project's construction contract.
 - **Raceway Cleaning** – During the review of the raceway and wheel operations DuPage County PW were hired to clean debris and sediment from the raceway. The Board had authorized \$10,000 for this. The final invoice for the work was \$10,292.00.
 - *A motion, second, and vote is needed to give authorization to the Executive Board to pay County Public Works \$10,292.00 for the work performed at the race way at Fullersburg Woods*
 - **Pre-project Monitoring** - MBI has completed the second set of pre –project biological and physical habitat sampling at the site.
 - **Next Steps** – The next step will be the selections of a consultant for final engineering and the preparation of construction bid documents.
 - **Spring Brook Phase II** – Construction is complete and stream flow was diverted into the newly-constructed channel on 8/27/2020. 40% of the bypass channel has been filled in and 1,181 fish of 23 species were translocated.
- 6. Physical Project Update (not yet started)**
- **Lower West Branch** – Staff is identifying potential project locations and will present to the Project Committee at an upcoming meeting.
 - **Lower East Branch** – Project scoping will begin in late-2020 once the 2019 fish data is available. Staff is preparing a SOIs for the project.

DuPage River Salt Creek Workgroup
Via Zoom Webinar
December 9, 2020
9:00-11:00 AM
Membership Meeting Agenda

7. Nutrient Implantation Plan (NIP)

- **NSAC Update** – No update.
- **Nutrient Loss Reduction Strategy (NLRS)** – A virtual NLRS Partner meeting is scheduled for November 6, 2020.
- **Trading Analysis**
Point Source (PS) to PS Trading – No update at this time.

Stream Crediting Trading – The Trading Consultant Team (Tetra Tech and Kieser and Associates), MBI, and staff had a conference call on November 20, 2020 to begin discussions on stream crediting trading. A follow-up call is being scheduled for the week of December 7-11, 2020. The focus of the second call is to determine if the IPS model can be used to calculate credits for use in steam crediting trading.

- MBI Stream Crediting Contract – Staff is in the process of negotiating a contract with MBI for their role in the development of the Stream Crediting Program. The final cost and scope of the contract is still under discussion and cannot be finalized until after the meeting scheduled for early December 2020. Based on preliminary discussions with MBI, the expected value of the contract is not to exceed \$20,000.00. The scope of the contract will include project management, preparation for and attendance at meetings to discuss the project with the Tt team, and an evaluation of the suitability of the IPS model for use in stream crediting. Staff is requesting that the general membership authorize the Executive Board to enter into a contract with MBI not to exceed \$20,000 for their work on the stream crediting effort.
 - *A motion, second, and vote is needed to give authorization to the Executive Board to enter into a contract with MBI not to exceed \$20,000 for their work on the stream crediting effort.*

Current (MWRD) Nutrient Trading Effort (INTI) – Current has suspended their trading initiative.

Association of Clean Water Administrators (ACWA) 2020 Nutrient Trading Conference – D. Doohaluk attended the 4-day virtual conference focused on nutrient trading across the US.

USEPA National Water Quality Trading Policy – An updated USEPA policy on trading is expected to be released in December 2020. Once posted, the USEPA will seek comment on the policy for 90-120 days.

- **IWEA NARP Workshop** – As the IWPC conference was canceled due to the COVID-19 shelter in place order, the next NARP workshop will be rescheduled.

DuPage River Salt Creek Workgroup
Via Zoom Webinar
December 9, 2020
9:00-11:00 AM
Membership Meeting Agenda

- **Related to Nutrient Trading** – As they are completed, please submit PDOPs and FSs to DRSCW staff. The Village of Wood Dale submitted their FS in July 2020.

- **QUAL Model Update**
 - Data Collection is ongoing. Focus is now on obtaining remaining watershed specific information for the West Branch and Lower DuPage (FEQ model, HEC-RAS models, water quality data, etc.).
 - Model calibration is nearly complete for the East Branch DuPage River and was presented to the Project Committee at their October 13, 2020 virtual meeting.
 - Model calibration for Salt Creek was presented to staff at the monthly project call on December 1, 2020.
 - Model set-up is ongoing for the West Branch DuPage River and Lower DuPage River.

- **Non-Point Source Washoff Model**
 - **Leaf litter Study** – Staff is developing a draft questionnaire that will be forwarded to all members to obtain information about leaf collection and street sweeping. A draft of this questionnaire will be presented to the Project Committee in December 2020/January 2020.
 - **V3** – V3 has supplied pro-bono GIS services to our leaf litter study.
 - **Thank you letter** – Sent to V3.
 - **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** – The expanded DO monitoring program will be conducted in Salt Creek in 2021 in conjunction with the Bioassessment.

- **IPS Model Update**
 - The update IPS methodology and Peer Review was presented to the Project 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>
 - Written materials for both the IPS Update and the Peer Review are still in development and will be shared with the Project Committee when complete.
 - MBI did incur additional costs associated with the Peer Review of the IPS including attendance at meetings and incorporating the results of the Peer Review into the final IPS documents (approximately 92 hours) at a cost of \$5,588.76. The Board recommends that MBI be paid for this work.
 - *A motion, second, and vote is needed to authorize a payment of \$5,588.76 to MBI for work associated with incorporating the results of the IPS Peer Review into the final IPS documentation.*

DuPage River Salt Creek Workgroup
Via Zoom Webinar
December 9, 2020
9:00-11:00 AM
Membership Meeting Agenda

- MBI has asked for additional funds to finalize the IPS documents and PowerBI database. Staff is discussing with MBI and will keep the Executive Board and Project Committee apprised of the discussion. At this time, Staff is not supportive of additional payment for these tasks as the tasks were included in the original agreed upon contract.

8. Springfield Regulatory and Legislative Updates – Stephen and Deanna will schedule a visit to the IEPA for Winter 2020/2021 once the 2020 permit language has been finalized (see #4 of this agenda). If an in-person meeting cannot be held, a virtual meeting will be held.

Non-Permit Activities

9. Bioassessment Plan

- East Branch Bioassessment – MBI is working on completing the 2019 DRAFT Bioassessment report.
- West Branch bioassessment – Is complete.
 - Staff is requesting DMR data from all West Branch POTWs. West Branch POTWs can submit their 2020 DMR data via email to ddoohaluk@theconservationfoundation.org
 - Water column chemical sampling is complete.
 - Sediment chemistry sampling is complete.
 - MBI is requesting an additional \$2,241.87 to cover costs associated with additional hotel rooms associated with COVID-19 restrictions. These costs were incurred for work associated with the West Branch bioassessment and Fullersburg Woods pre-project sampling. The Board is recommending payment of this amount.
 - *A motion, second, and vote is needed to approve a payment of \$2,241.87 to MBI for additional hotel rooms during the West Branch Bioassessment and pre-project sampling at Fullersburg Woods due to COVID-19 restrictions.*

10. Upper Salt Creek 319 Watershed Plan – The DRSCW was awarded a \$120,000 Section 605(b) Grant for the development of this plan. Once the contract between the IEPA and DRSCW is finalized, staff will prepare an SOI to solicit interest from consultants to assist staff with the preparation of this plan. The Salt Creek Committee will serve as the primary committee for the execution of the Section 605(b) Grant.

11. Monitoring

- Fecal coliform sampling was completed on West Branch DuPage River in 2020 (MS4 program support). 5 samples in 30 days were collected at 6 locations.
- The current Illinois MS4 permit is expected to expire on 2/28/2021. IEPA has issued a new NOI (see Attachment 3) which all MS4 communities have to submit as part of their MS4 renewal. The DRSCW will likely want to supply a list of

DuPage River Salt Creek Workgroup
Via Zoom Webinar
December 9, 2020
9:00-11:00 AM
Membership Meeting Agenda

DRSCW activities for members to include in their NOIs. No draft permit is available for review at this time.

- Conductivity monitoring is scheduled to begin the week of December 7th, 2020.
- Continuous DO monitoring was conducted between mid-May 2020 and September 30, 2020. Thank you to DC SWM and PWS for your support on this effort.

12. Chlorides

- **Chloride Workshops** – Staff had a debriefing call with Connie Fortin and are considering doing webinars again in 2021 with two for Parking Lots & Sidewalks and two for Public Roads. In addition, a fifth workshop is being considered for Property Managers.
 - **Technical Briefs** – Technical Briefs were held on Oct. 20 (Organics) & Oct. 27 (Source well License Agreements), November 10, 2020 (Segmented Blades) and November 17, 2020 (Brine Making). Attendance has ranged from 10-20 participants. Thanks to Lea Rodbarry for producing the videos, Fox Valley Parks Department, Henderson, K-Tech, KX Enterprises and Hanover Park for supplying content and Jennifer Hammer for moderating these mini-webinars.
- **Salt Management Questionnaire** – Staff is asking that \$3,000 be made available from the future initiatives line item in Chloride Reduction Program Expenses budget to cover production, analysis and reporting of the 20-21 Chloride Management BMP questionnaire. The DRSCW has a general services agreement with Baxter & Woodman to assist with this task.

A motion, second, and vote is needed to approve allocation of the funds to this task up to a do not exceed of \$3000.
- Loading analysis is proceeding.
- SB2138 (liability for contractors) – No update at this time.
- Sensible Salting Committee – No update at this time.
- TLWQS for Chlorides – No update at this time.
- ILR00 and Chlorides – No update at this time.
- BMP and Loading Study – The draft report on area application rates has been delivered and is being reviewed.
- Street sweeping data – This study was halted due to shelter-in-place and will be moved to spring 2021.

13. Other Activities

- Website – We are updating the website and database portal.
- Coal Tar Sealants Update – No update at this time.
- ACOE DuPage River Feasibility Study – No update at this time.

**DuPage River Salt Creek Workgroup
Via Zoom Webinar
December 9, 2020
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- Newsletter – A Fall/Winter 2020 newsletter was emailed to the DRSCW mailing list. Additionally, a hard copy was mailed to the DRSCW distribution list of mayors, managers, and boards.
- Utility Management – No update at this time.
- Bacteria on Salt Creek – MWRDGC has located the source of the organic waste that was likely the food source of the bacteria that was observed growing on Salt Creek in the last few warm weather seasons. There was a discharge of industrial and sanitary waste going into a storm water outfall that feeds into Salt Creek upstream of Brookfield Avenue. The Village of Brookfield accepted responsibility and as of 10/7/2020 the connection to the storm sewer was plugged. On 10/14/2020 the storm sewer was jetted for cleaning. A Sweetener Supply Company in Brookfield was unknowingly discharging its industrial process waste and its sanitary waste into the storm sewer.

14. Business Items (new business)

- **Invoice Summary– Oct. 1 – Nov. 30, 2020**

Vendor/Project	Invoice Number	Amount (\$)	Status
AECOM - Fullersburg Dam	2000422667	18,487.49	Paid
Aileron - Fullersburg Dam	Smt. # 2000	11,000.00	Paid
Baxter & Woodman - CL Reduction Program	215223	7,139.25	Pending
Fortin Consulting - Deicing Workshop	3430	2,075.00	Approved
Microbac - WBDR Chem Monitoring	4 invoices	15,994.00	Paid
Microbac - Expanded DO Monitoring	4 invoices	2,475.00	Paid
MBI - 2019 EBDR Bioassessment	1813	16,458.05	Paid
The Conservation Fdn - July Exp. Reimb.	12491	2,045.01	Paid
The Conservation Fdn - August Exp. Reimb.	12501	992.10	Paid
The Conservation Fdn - Intern Time-Monitoring	12502	3,676.25	Paid

**DuPage River Salt Creek Workgroup
Via Zoom Webinar
December 9, 2020
9:00-11:00 AM
Membership Meeting Agenda**

Tetra Tech - Nutrient Trading Program	51654423	22,690.00	Paid
Tetra Tech - QUAL2Kw	51649077	7,600.00	Paid
Tetra Tech - QUAL2Kw	51663887	13,870.00	Approved
Univ. of WA - Chlorophyll a Lab Exp.	OTS2372	813.59	Approved
V3 - Fawell Dam Modification	720313	4,452.08	Paid
V3 - Fawell Dam Modification	820414	6,035.04	Paid
V3 - Fawell Dam Modification	920327	1,772.16	Paid
Village of Itasca - CL Wkshp Reg. fee	Refund	40.00	Paid

- **Financial reports through November 30, 2020** (Attachment 4).
- **Membership Dues Payments Update (through Nov. 30, 2020)** (Attachment 5).
 - Sergio Serafino has resigned from the Exec. Board to take up the position of General Manger for the Stickney Plant. Adam Gronski from MWRDGC has been appointed to take his place.

15. DRSCW Calendar, Presentations and Press Coverage

- Master Plan for Salt Creek at Fullersburg Woods, TCF DuPage County Advisory Council, November 12, 2020 (D. Doohaluk)
- Staff talked about NARPs/NIPs to the North Branch Watershed Workgroup (NBWW) at their November 18 Membership Meeting.
- Staff has been asked by the Urban Stormwater Working Group to talk about development of the NIP at their January meeting.
- Staff has been asked to talk about project selection and NARPs at the January 27th meeting of the Flint Creek/Spring Creek Watersheds Partnership.

16. Workgroup Meeting Schedules

December 9, 2020 from 9AM-11AM
February 24, 2021 from 9AM-11AM
April 28, 2021 from 9AM-11AM
June 30, 2021 from 9AM-11AM
August 25, 2021 from 9AM-11AM
October 27, 2021 from 9AM-11AM
December 8, 2021 from 9AM-11AM