

**DuPage River Salt Creek Workgroup**  
**Via Zoom Webinar**  
**Annual Meeting Minutes**  
**February 24, 2021**

Attachment 1.

Equivalent of 1 PDH Recognized for Attendance

*President Gorman called the meeting to order at 9:01am.*

**9:00-9:05      Welcome, Introductory Remarks**

Dave Gorman – DRSCW President and Assistant Director of Public Works,  
Village of Lombard

**9:05-10:00      Annual Business Meeting**

- **Approval of the minutes for the December 9, 2020 meeting** (Attachment 1).
  - ✓ *J. Slevnik made a motion to approve the minutes for the 12/09/2020 General Membership Meeting. The motion was seconded by L. Cox. The motion passed unanimously.*
  
- **Election of Officers and Members-at-Large,**
  - President – Dave Gorman, Village of Lombard
  - Vice President – Sue Baert, Wheaton Sanitary District
  - Secretary – Treasurer – Rick Federighi, Village of Addison
  - At Large – Mary Beth Falsey, DuPage County
  - At Large – Adam Gronski, Metropolitan Water Reclamation District
  - At Large – Amy Underwood, Downers Grove Sanitary District
  - At Large – Steve Zehner, Robinson Engineering, Inc.
  - At Large – Jennifer Hammer, The Conservation Foundation
  - At Large – Larry Cox, Downers Grove Sanitary District
  - At Large – Erik Neidy, Forest Preserve District of DuPage County
  - At Large – Dennis Streicher, Sierra Club – River Prairie Group
  - ✓ *D. Streicher made motion to approve the nominated slate of Officers and Members-at-Large. The motion was seconded by D. Rosenwinkel. The motion passed with 1 abstention.*
  
- **Appointment of Committee Chairpersons by incoming President**
  - Monitoring Committee Chairperson – Jennifer Hammer, The Conservation Foundation
  - East Branch DuPage River Watershed Committee Chairperson – Larry Cox, Downers Grove Sanitary District
  - West Branch DuPage River Watershed Committee Chairperson – Erik Neidy, Forest Preserve District of DuPage County
  - Salt Creek Watershed Committee Chairperson – Dennis Streicher, Sierra Club – River Prairie Group
  
- **Adoption of FY 2021-22 Budget**
  - Approval of the FY 21-22 Annual Dues Schedule and Annual Dues by Agency (Attachment 2). A 3% increase in Agency member annual dues is scheduled for FY

21-22. Associate member dues for all not-for-profit, government associate and individual member members will also increase by 3% in FY 21-22.

- ✓ *D. Streicher made a motion to approve the Dues Schedule. The motion was seconded by L. Cox. The motion passed with 1 abstention.*
- POTW Agency member project assessments related to the NPDES special conditions remains on schedule.
- Attachment 3 is the one-page budget summary FY 2021-22. The budget should be reviewed and voted on by membership.
  - ✓ *L. Cox made a motion to approve the FY2021-22 Budget. The motion was seconded by J. Lomax. The motion passed with 1 abstention.*
- Presentation and discussion of the detailed Five-Year Financial Plan for Fiscal Years 2021-2022 to 2025-2026 ( [9787ac2d-53a9-4511-91ee-a9f61fdb941.pdf](https://www.constantcontact.com) (constantcontact.com) ). The Five-Year Financial Plan was also emailed to all members on 02/15/2021.
  - ✓ *D. Streicher made a motion to post the Five-Year Financial Plan for informational and planning purposes only. The motion was seconded by J. Hammer. The motion passed with 1 abstention.*
- Financial Report through January 31, 2021 (Attachment 4)

#### **Invoice Payments from December 1, 2020 to January 31, 2021**

<b>Vendor/Project</b>	<b>Invoice Number</b>	<b>Amount (\$)</b>	<b>Status</b>
AECOM - Fullersburg Dam	2000441891	3682.44	Paid
AECOM - Fullersburg Dam	2000444655	704.64	Paid
Baxter & Woodman - CL Reduction Program	215223	7,139.25	Paid
Baxter & Woodman - CL Reduction Program	217142	720.00	Paid
Baxter & Woodman - CL Reduction Program	218913	360.00	Paid
DuPage County - Fullersburg Raceway	20-11	10,292.00	Paid
ETP Labs - MS4 Support	20-52453	162.00	Paid
ETP Labs - MS4 Support	20-52459	675.00	Paid
Fortin Consulting - Deicing Workshop	3430	2,075.00	Paid
Microbac - WBDR Chemical Monitoring	6 invoices	5,980.00	Paid
MBI - WBDR Bio & Habitat Monitoring	1820	15,771.03	Paid
MBI - IPS Update	1827	6,596.15	Paid
MBI - IPS Peer Review B.A.	1828	5,588.76	Paid
Tetra Tech - QUAL2Kw	51663887	13,870.00	Paid
Tetra Tech - QUAL2Kw	51675410	7,608.75	Paid
Tetra Tech - QUAL2Kw	51687633	14,450.00	Paid
Tetra Tech - Nutrient Trading	51677041	10,377.00	Paid
The Conservation Foundation - Intern	12544	382.50	Paid
The Conservation Foundation-Sept-Nov Exps	12545	2358.85	Paid
The Conservation Foundation - Dec Exps	12546	540.53	Paid
Univ. of WA - Chlorophyll a Lab Exp.	OTS2372	813.59	Paid
V3 - Fawell Dam	1020606	671.59	Paid
V3 - Fawell Dam	1120446	457.27	Paid

- **Other business**

- A Spring/Summer newsletter is under development.
- IEPA has issued a new NOI for the IL40 General Permit for Small Municipal Separate Storm Sewer Systems (MS4) (Attached to the December meeting packet) which all MS4 communities have to submit as part of their MS4 renewal. The DRSCW will supply a list of DRSCW activities for members to include in their NOIs.
- ✓ *Mary Beth Falsey of DC SWM provided an update on their communications with IEPA on this topic. All MS4 communities are required to submit an updated NOI using the new form. IEPA advised DC SWM that only the first 2-pages of the NOI and the signature page need to be submitted. This is due 90-days after the issuance of the new permit which is expected on March 1, 2021.*
- Scott Weber of Hanover Park is retiring in April 2021. Board and Staff would like to recognize his many contributions to efficient snow and ice control both at the Village and in the whole DRSCW area.

- **DRSCW Calendar**

- Nutrient Assessment and Reduction Plans, North Branch Watershed Workgroup (NBWW) Membership Meeting, November 18, 2020 (D. Doohaluk).
- Project Identification and Selection for Aquatic Life Improvement, Flint Creek/Spring Creek Watersheds Partnership, January 27, 2021 (S. McCracken and D. Doohaluk).
- Managing Stream Resource Quality in Urban Watersheds, Water and Waste Management (WWM) 3<sup>rd</sup> International Conference and Expo, February 26, 2021 (S. McCracken)
- Dam Removals: A Key Component of Stream Ecosystem Restoration, Water and Waste Management (WWM) 3<sup>rd</sup> International Conference and Expo, February 26, 2021 (D. Doohaluk)
- Presentation to DuPage County Stormwater Committee on upcoming projects, March 2, 2021 (S. McCracken).
- Staff has been asked by the Urban Stormwater Working Group to talk about development of the NIP at their March 9, 2021 meeting.
- Discussion with DuPage County Board on DRSCW-County Agreement, March 9, 2021 (D. Gorman)
- A workshop with Special Condition Permit Holders will be scheduled in March 2021 to review progress on the deliverables and review elements of the NIP.

- **Workgroup Meeting Schedule (9:00 AM start time)**

Unless otherwise specified all meetings are scheduled to occur from 9:00 AM to 11:00 AM via Zoom Webinar.

April 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

**9:55 – 10:55**

**DRSCW Activities Update**

1. The Preserve at Oak Meadows, Post Project Monitoring
2. Springbrook Phase 2 Stream Restoration and Arrow Road Dam Removal
3. Fawell Dam Modification
4. Master Plan for Salt Creek at Fullersburg Woods  
*D. Steicher made a motion to increase the approved amount for the final design and preparation of contract bid documents for the Concept Master Plan for Salt Creek at Fullersburg Woods by \$40,489 for a new total of \$290,489.00. The motion was seconded by J. Hammer. The motion passed with 3 abstentions.*
5. East Branch DuPage River Stream Restoration Project
6. West Branch DuPage River Stream Restoration Project
7. Hammel Woods Dam Removal (Lower DuPage Watershed Coalition)
8. Chloride Reduction and Trends Study
9. Identification & Prioritization System Model
10. Nutrient Implementation Plan

*D. Rosewinkel made a motion to adjourn at 11:03am. The motion was seconded by A. Underwood.*



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April 28, 2021  
9:00-11:00 AM  
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**Please register in advance for this webinar at**

**[https://us02web.zoom.us/webinar/register/WN\\_PgAohySPQG6kathkVEysxg](https://us02web.zoom.us/webinar/register/WN_PgAohySPQG6kathkVEysxg)**

*President Gorman called the meeting to order at 9:02am.*

**1. Approval of February 24, 2021 meeting minutes** (Attachment 1). *S. Zehner made a motion to approve the February 24, 2021 meeting minutes. J. Slevnik seconded the motion. The motion passed with one (1) abstention.*

**2. Approval of an amendment to the October 28, 2020 meeting minutes.** The October 28, 2020 General Membership meeting minutes identified Tom Truedson as a Commissioner of the Oak Brook Park District in Bullet #6, of item 4, Physical Projects, Graue Mill Dam, License Agreement, Speakers during the October 6, 2020 FPDDC Board Meeting. While T. Truedson is a Commissioner, the Oak Brook Park District has not taken an official stance on the Master Plan. Per a Park District request to clarify that Mr. Truedson was not speaking for the Park District, the minutes will be changed to show him as a Resident of Oak Brook.

✓ *L. Cox made a motion to amend the October 28, 2020 meeting minutes as shown below: Four speakers spoke during the September 22, 2020 FPDDC Planning Meeting in support of the project: Steve Morley, Mayor of Elmhurst; Connie Schmidt, Sierra Club, Steve Pescitelli, IDNR, and David Jakubiak (private citizen). At the October 6, 2020 FPPDC Board Meeting the following persons spoke in support of the Master Plan: Brook McDonald (TCF); Tom Truedson (~~Commissioner~~, Oak Brook Park District, Resident of Oak Brook), Rick Federighi (Addison), Alan Lange (Wood Dale), Scott Saacke (SCWN), Dennis Wisnosky (private citizen) & Willie Beshire (President, Oak Brook Trout Unlimited). S. Zehner seconded the motion. The motion passed with three (3) abstentions.*

**3. Presentation: Enhanced Street Sweeping to Reduce Phosphorus Export in Stormwater**

The use of structural BMPs as the dominant approach for stormwater management is limited: ponds and other structures require extensive maintenance to continue to remove P and can even switch from sinks to sources over time, maintenance is becoming expensive, they trap, rather than “remove” toxic pollutants, and their function during early spring P fluxes is unknown, but probably poor. As stormwater management matures, we need to move toward upstream “source reduction”.

We have taken several steps toward quantification of one major P source: the input of P from vegetative debris that enters streets, particularly in green suburbs. In our Prior Lake Street Sweeping Study we analyzed sweepings from 400 sweeping runs (several thousand miles total), segregated P into several fractions to understand their source. Results show that inputs of P are directly related to canopy cover over streets and that major pulses occur during late

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spring and, especially, during fall. Using these data, we developed a Street Sweeping Planning Calculator that uses inputs on the distance of routes and the canopy cover, augmented by user defined values for the number of sweepings (1-4) per month. The model estimates removal of P, solids, and N (lb/mile) and the cost of sweeping. This has allowed cities to estimate the value of various enhanced sweeping scenarios.

We have since developed a street sweeping crediting approach in collaboration with MPCA. Data from this study (5 municipalities), in conjunction with the Prior Lake data, enables cities to verify quantities of solids and P removed based on the wet weight of swept material removed per sweeping load, obviating the need for an extensive fractionation scheme. The MPCA is now using findings from our study to finalize a crediting approach for the MS4 and TMDL programs.

**Presenter:** Lawrence A. Baker, Ph.D, Research Professor, Department of Bioproducts and Biosystems Engineering, University of Minnesota.

**4. NPDES Permit Special Conditions**

- **2021-2021 Annual Report** – The 2020-2021 DRSCW/LDRWC Annual Report was submitted to the IEPA on 03/26/2021. A link to the report was sent to all NPDES Special Condition holders. The report is also available on the DRSCW website at: <https://drscw.org/activities/project-identification-and-prioritization-system/>
- **2020 Permit Negotiations** – A draft implementation plan has been sent to USEPA for review (December 2020). We are currently awaiting their response. IEPA has been kept abreast of this move.
  - To date, the following Permit Holders have expressed interest in extending their Special Condition: Addison (signed), Bloomingdale (signed), Carol Stream, DGSD, Elmhurst (signed), Glenbard WWA (signed), Hanover Park (signed), & Wood Dale (signed).
- **MWRDGC** – The Agency's Board has approved a staff recommendation that the current MWRD/DRSCW agreement be updated to allow the District to administer and construct one of the projects identified in the special conditions. The Agency's membership dues and study assessments will continue to be paid on an annual basis.
- **Special Condition Permit Holders Meeting** – Due to COVID-19 restrictions on meeting size and social distancing, staff has scheduled 4 meetings, one in each of the 4 sub-watersheds: Salt Creek, East Branch, West Branch, and Lower DuPage. The meetings are scheduled as follows: LDRWC on April 30, 2021 at 10:30am at Crest Hill Public Works; East Branch DuPage on May 5, 2021 at 10:00am at Village of Lombard; West Branch DuPage on May 6, 2021 at Wheaton Sanitary District; and Salt Creek on May 7, 2021 at Village of Addison's 911 Training Center. The focus of the meetings will be the feasibility of meeting a TP limit of 0.28 mg/L and how in that context we may, or may not, benefit from trading. Staff is investigating the potential to live stream at least one of the meetings via Zoom or similar.

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**5. Physical Project Update (ongoing)**

- **Oak Meadows** – Project area will be sampled in 2021 as part of the Salt Creek bioassessment.
- **Fawell Dam Modification**
  - A draft plan was submitted for review to DuPage County Stormwater on 8/17/2020. County has authorized preliminary modeling for the permit to proceed. If the County approves, it will immediately go into final modeling and permitting (IDNR-OWR, USACE, and DuPage County).
  - Drafting of a 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 still to get the ladder in place during the summer of 2021. However, a letter to IEPA requesting a one-year extension on the project is being prepped.
- **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** – No updates.
  - **News Articles** –A photo of the Graue Mill dam with notation that the dam is scheduled to be removed appeared in the Your Images section of the Daily Herald in Winter 2021.
  - **HB0688** –Representative D. Mazzochi (D42) reintroduced her bill entitled Graue Mill Oversight Board on 02/05/2021 (HB0688). HB0688 was referred to the Rules Committee on 02/08/2021. The Rules Committee assigned the bill to the State Government Administration Committee on 03/02/2021 and a hearing was held on 03/10/2021. Daniel Hebreard, President of the FPDDC, and S. McCracken testified in opposition to the bill. K. Bushy and T. Doyle with the Graue Mill and Museum testified in support. No committee vote was held at the hearing. Following the hearing, numerous communications and one Zoom call were held between the FPDDC, DRSCW, Representative Mazzochi, representatives from both the Graue Mill and Museum and the House State Government Administration Committee. On 03/22/2021, Representative Mazzochi introduced an amendment to the bill (HB0688-HCA1) which outlined the goals and objectives of the Graue Mill Oversight Board. The amendment was assigned by Rules back to the State Government Administration Committee on 03/27/2021. The State Government Administration Committee did not call the bill for discussion or vote before the deadline. A huge thank you to everyone who filed witness slips in opposition of the bill! As of 03/29/2021, 865 opposition slips have been filed (compared to 178 proponents).

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- **Final Engineering and Preparation of Contract Bid Documents**
    - A Kickoff Meeting for the project attended by the Consultant Team, the FPDDC, and DRSCW staff was held on March 8, 2021. Staff will be reaching out to MWRDGC to schedule a Kickoff Meeting with their staff assigned to the project.
  - **Additional Survey Work** -- *Additional survey work is needed for the final design and permitting of the Master Plan. Work needed includes: 1) extending existing cross sections 50-feet beyond top of bank; 2) existing cross sections where existing cross sections are more than 500 feet apart and at critical points in the stream (bends); 3) the four bridges located in the project area (York Road, Flat Bridge, Island Bridge, and Rainbow Bridge; 4) Nature Center terrace and floodwall; 5) De-watering structure; and 6) area surrounding the Graue Mill. Hey and Associates submitted pricing from six (6) survey firms and four (4) responded. A conservative estimate for the cost of the work is \$85,000. As this was unanticipated work, the approved FY2021-22 Budget does not include direct funding for this work. However, the FY2021-22 budget does include \$80,000 of contingency funding that could be allocated to this work. The remaining \$5,000 could be then be funded from the FY2022-23 contingency budget (\$400,000). The Executive Board will review the budget and propose a budget amendment (if necessary) for the funding of this work.*
    - ✓ *L. Cox made a motion to authorize the Executive Board to negotiate and sign a contract not to exceed \$85,000 with Hey and Associates for additional survey work needed for the final design of the Master Plan for Salt Creek at Fullersburg Woods. D. Streicher seconded the motion. The motion passed with two (2) abstentions.*
  - **Construction** – The plan is that MWRDGC will bid and provide oversight to the construction of the project. The current agreement between MWRDGC and the DRSCW will be revised to reflect this change.
  - **Pre-project Monitoring** - MBI has completed the second set of pre –project biological and physical habitat sampling at the site. The third year of pre-project monitoring will be conducted in summer 2021.
  - **Spring Brook Phase II** – Post project monitoring will start in 2021. Post project monitoring is scheduled to continue for 5-years.
    - ✓ *D. Rosenwinkel made a motion to authorize the Projects Committee to approve and sign a contract with MBI up to the budget amount of \$12,000 for post- project monitoring of the Spring Brook Phase II Project. D. Streicher seconded the motion. The motion passed with two (2) abstentions.*
- 6. Physical Project Update (not yet started)**
- **Lower West Branch** – A matrix is being developed for scoring future member projects for possible funding. At this time, we have a proposal from Carol Stream.
    - Staff will be presenting a proposal to conduct pre-project monitoring at the Carol Stream streambank restoration project to the Project Committee. If approved by the Project Committee, the pre-project monitoring will be conducted in 2021.

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- ✓ *J. Hammer made a motion to authorize the Projects Committee to approve and sign a contract with MBI up to the budget amount of \$12,000 for pre- project monitoring of the Lower West Branch Project. J. Lomax seconded the motion. The motion passed with three (3) abstentions.*
- **Lower East Branch** – The Request for SOI for a consultant to perform design engineering and the preparation of contract bid documents for a stream restoration project on the lower East Branch DuPage River was released on February 1, 2021. Seven (7) SOI were received by the deadline. The Review Committee shortlisted ERA, Interfluve, and V3. Proposals were received on April 2, 2021 with interviews held the week of April 12-19, 2021. The East Branch Review Committee *selected the team of Interfluve and AECOM for the project.*
  - ✓ *S. Zehner made a motion to authorize the Project Committee to negotiate and the Executive Board to approve and sign a contract with Interfluve for the design engineering and the preparation of contract bid documents for the Lower East Branch Stream Restoration Projects not to exceed \$425,000. J. Slevnik seconded the motion. The motion passed with four (4) abstentions.*
  - Pre-project monitoring is scheduled for 2021.
    - ✓ *J. Hammer made a motion to authorize the Projects Committee to negotiate and the Executive Board to approve and sign a contract with MBI up to the budget amount of \$20,000 for pre- project monitoring for the Lower East Branch Project. T. Minarik seconded the motion. The motion passed with four (4) abstentions.*

**7. Nutrient Implantation Plan (NIP)**

- **NSAC Update** – The NSAC recommendations are not foreseen as being on the IPCB agenda for rulemaking in 2021.
- **Nutrient Loss Reduction Strategy (NLRS)** – The biannual update on the DRSCW activities was submitted to the NLRS staff on January 29, 2021. This information will be included in the NLRS's next biannual report.
- **Trading Analysis**  
Point Source (PS) to PS Trading – No update at this time.

Stream Crediting Trading – In mid-January 2021, the Trading Consultant Team (Tetra Tech and Kieser and Associates) provided Staff a revised scope for the stream crediting items based upon what was learned from our discussions with MBI. Staff had a call with Tetra Tech on 01/25/2021 to discuss the revised scope. Based on that call, the trading team is making further revisions to the updated scope. As there will likely be additional costs beyond our contracted amount to perform this work, staff sought input from the Projects Committee on how to proceed with this effort at their 02/18/2021 meeting. The Projects Committee advised the staff to discuss the need for continuing with the trading effort with the Special Condition Permit holders. Staff has scheduled the Special Condition Permit Holders meetings for late April 2021 and early May 2021 (see Agenda Item #4 for more details).

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

USEPA National Water Quality Trading Policy – An updated USEPA policy on trading is expected to be released in 2021. 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 workshop will be rescheduled.
- **Related to Nutrient Trading** – As they are completed, please submit PDOPs and FSs to DRSCW staff.
- **QUAL Model Update**
  - Data Collection is ongoing. Focus is now on obtaining remaining watershed specific information for the West Branch (FEQ model, HEC-RAS models, water quality data, etc.).
  - Model calibration is complete for the East Branch DuPage River and Salt Creek.
    - Sensitivity analysis is complete for the East Branch DuPage River. The next steps will be identifying potential scenario options to identify potential projects. Preliminary scenario recommendations will be presented to the Projects Committee for discussion and refinement.
  - Model set-up is ongoing for the West Branch DuPage River and Lower DuPage River.
  - Thanks to DuPage County Stormwater for supplying FEQ and GIS files for use in the project.
- **Non-Point Source Washoff Model**
  - **Leaf litter/street sweeping Survey** – A draft questionnaire is being sent to all relevant area agencies to obtain information about their leaf collection and street sweeping practices. The questionnaire was reviewed by several DRSCW members' staff who oversee leaf litter management and street sweeping as well as the Projects Committee (02/18/2021 meeting). Staff is working with the LDWRC and DC SWM to distribute the questionnaire to all DRSCW and LDRWC members and others with responsibilities in these areas.
  - **Contract for assistance with NPS Report**- A NPS Phosphorus Feasibility Analysis is due to IEPA by the end of the year. The report will include the results of the GIS leaf litter analysis, the questionnaires, a review of the empirical data and recommendations for future analysis.

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- ✓ *T. Minarik made a motion to authorize the Projects Committee to approve and sign a contract or contracts with firm or firms selected by the Project Committee up to the budget amount of \$35,000 for assistance with finalization of the NPS Feasibility study. D. Streicher seconded the motion. The motion passed with one (1) abstention.*
- **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 program will continue in the Salt Creek watershed in 2021. The sampling plan for Salt Creek has been finalized and 13-16 sites have been identified that represent the headwaters, downstream of each POTWs, major tributaries, and downstream conditions.
- **IPS Model Update**
  - The updated 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 Projects Committee when complete.
  - Level of Rigor Analysis – No update at this time.
- 8. **Springfield Regulatory and Legislative Updates** – S. McCracken and D. Doohaluk will schedule a visit to the IEPA for Spring 2021 once the 2020 permit language has been finalized. 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 (data on principle outputs has already been supplied).
- **West Branch Bioassessment** – Field sampling is complete.
  - Staff has received all DMR data from all West Branch POTWs. This data has been submitted to MBI for the bioassessment report.
  - Water column chemical sampling is complete. This data has been submitted to MBI for the bioassessment report.
  - Sediment chemistry sampling is complete. This data has been submitted to MBI for the bioassessment report.
- **Salt Creek Bioassessment** – Scheduled for 2021. This will include sampling all the sites at Oak Meadows and Fullersburg.
  - ✓ *R. Hayden made a motion to authorize the Monitoring Committee to negotiate and the Executive Board to approve and sign a contract with MBI up to the budget amount of \$177,330 for biological and habitat evaluation for the 2021 Bioassessment*

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*(includes Salt Creek Bioassessment, expanded Oak Meadow sites and Fullersburg pre-project monitoring). S. Zehner seconded the motion. The motion passed with one (1) abstention.*

- ✓ *J. Hammer made a motion to authorize the Monitoring Committee to negotiate and the Executive Board to approve and sign a contract with Microbac up to the budget amount of \$74,570 for chemical monitoring and up to the budget amount of \$5,000 for chemical monitoring at reference sites in support of the 2021 Bioassessment. D. Rosenwinkel seconded the motion. The motion passed unanimously.*

**10. Monitoring (non-Bioassessment)**

- **Fecal Coliform Sampling** -- Fecal coliform sampling will be completed on Salt Creek in 2021 (MS4 program support).
- **Continuous DO Monitoring** – Staff is recommending that sondes be left out year-round as a means of collecting a complete data set which will be helpful for future water quality modeling efforts. This will be discussed with our Continuous DO partners (DC SWM and POTWs) at the annual calibration clinic held in Spring 2021.
  - Staff will be adding water column chemistry for nutrient/demand parameters and chlorophyll A at all continuous DO sites starting with the Salt Creek bioassessment. This data will be used for future water quality model calibrations.
  - Staff is in negotiations with Eureka for the purchase of *ten* new sondes to replace the aging current models. The LDWG is also interested in purchasing two (2) sondes this year as part of this order.
    - ✓ *D. Rosenwinkel made a motion to authorize the Monitoring Committee to negotiate and the Executive Board to approve and sign a purchase agreement for DO sonde equipment with Eureka Environmental up to the budget amount of \$73,810. R. Hayden seconded the motion. The motion passed unanimously.*
- **MS4 Permit** – The current Illinois MS4 permit expired on 2/28/2021. IEPA has issued a new NOI which all MS4 communities have to submit as part of their MS4 renewal. The DRSCW will likely want to supply a list of DRSCW activities for members to include in their NOIs. No draft permit is available for review at this time.

**11. Chlorides**

- **Workshops** – Staff had a number of calls with Lake County staff in planning the 2021 Workshop schedule (principally on 2/24/2021 & 3/16/2021). All parties have agreed that as workshops will be virtual again this year it made sense to pool resources. All workshops will be jointly advertised, hosted and financed. This has also been discussed with Fortin Consulting (the Contractor). A Save the Date flyer has been shared with Lake County staff and the DRSCW membership. Cost will be \$40 per link. Dates selected are:
  - Tuesday, Sept. 28, 2021 – Parking Lots & Sidewalks



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- Thursday, Sept. 30, 2021 - Public Roads
- Tuesday, Oct. 5, 2021 - Public Roads
- Thursday, Oct. 7, 2021 – Parking Lots & Sidewalks
- Tuesday, Oct. 12, 2021 - Public Roads
- **Salt Management Questionnaire** – The 2020-2021 Chloride Management BMP questionnaire is under development in coordination with Baxter & Woodman (B&W). It will be sent out in late April 2021 (to be coordinated with the leaf litter questionnaire).
- **Loading analysis** is proceeding. Winter weather data has been procured from Weather Command and supplied to B&W.
- **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.
- **TLWQS for Chlorides** – The approval of the TLWQS for chlorides is on the agenda for the IPCB in 2021.
- **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. Contact has been made with the participating agencies for Spring 2021.

**12. Other Activities**

- **Upper Salt Creek 319 Watershed Plan** – The DRSCW (via TCF) 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. Staff are collaborating with MWRDGC staff in developing the plan.
- **Website** – We are updating the website and database portal.
- **Coal Tar Sealants Update** – DRSCW staff assisted the DRWW with procuring a presentation by USGS Scientist Barbara Mahler for their May 12 Membership Meeting. Barbara Mahler is one of the foremost experts on PAH in aquatic environments in the USA.
- **ACOE DuPage River Feasibility Study** – No update at this time.
- **Newsletter** – The Fall/Winter 2020 newsletter can be found at: <https://drscw.org/wp-content/uploads/2020/11/newsletter-fall-winter-2020.pdf>
- **Utility Management** – No update at this time.
- **Bacteria on Salt Creek** – During Spring/Summer 2021 Staff will work with MWRDGC to confirm that the actions taken in Fall 2020 have halted the growth of sewer fungus.

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**13. Business Items (new business)**

- **Invoice Summary– February 1, 2020 to March 31, 2021**

**Invoice Payments from February 1, 2020 to March 31, 2021**

<b>Vendor/Project</b>	<b>Invoice Number</b>	<b>Amount (\$)</b>	<b>Status</b>
AECOM – Fullersburg Woods Dam	2000441891	3,682.44	Paid
AECOM – Fullersburg Woods Dam	2000444655	704.64	Paid
AECOM – Fullersburg Woods Dam	2000463177	1,303.65	Paid
Baxter & Woodman – Chloride Reduction	0217142	720.00	Paid
Baxter & Woodman – Chloride Reduction	0218913	360	Paid
MBI – Fullersburg Pre-project Monitoring	1854	10,931.16	Paid
MBI – WB DuPage River 2020 Monitoring	1855	6,234.35	Pending
Tetra Tech – QUAL2Kw	51687633	14,450.00	Paid
Tetra Tech – QUAL2Kw	51675410	7,608.75	Paid
Tetra Tech – QUAL2Kw	51698777	9630.00	Paid
Tetra Tech – QUAL2Kw	51707443	9608.75	Paid
Tetra Tech – Trading	51677041	10377.00	Paid
Tetra Tech - Trading	51709076	7512.00	Paid
The Conservation Foundation – Sept-Dec Exps	12544, 12545, 12546	3281.88	Paid
V3 Companies – Fawell	121381	260.39	Paid
V3 Companies – Fawell	221300	2944.69	Paid
Axos Bank – Tfr funds from Itasca to Axos Bank	N/A	245,000.00	Paid

- **Financial reports through March 31, 2021** (Attachment 2).
- **Membership Dues Payments Update (through March 31, 2021)** (Attachment 3).
  - Invoices will be sent by the end of April or early May.

**14. DRSCW Calendar, Presentations and Press Coverage**

- Managing Stream Resource Quality in Urban Watersheds, Water and Waste Management (WWM) 3<sup>rd</sup> International Conference and Expo, February 26, 2021 (S. McCracken)
- Dam Removals: A Key Component of Stream Ecosystem Restoration, Water and Waste Management (WWM) 3<sup>rd</sup> International Conference and Expo, February 26, 2021 (D. Doohaluk)
- Presentation to DuPage County Stormwater Committee on DRSCW activities, March 2, 2021 (S. McCracken)

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- Presentation to DuPage County Finance Committee on DRSCW - County Agreement, March 9, 2021 (D. Gorman). The meeting was streamed on You Tube and can be viewed here: <https://www.youtube.com/watch?v=ITiQr6yPZkc>
- NARPs, State Urban Stormwater Working Group, March 9, 2021 (D. Doohaluk and S. McCracken)

**15. Workgroup Meeting Schedules**

June 30, 2021 from 9AM-11AM

August 25, 2021 from 9AM-11AM

October 27, 2021 from 9AM-11AM

December 8, 2021 from 9AM-11AM

February 23, 2022 from 9AM-11AM

*D. Streicher made a motion to adjourn the meeting at 11:01am. S. Zehner seconded the motion.*

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**Please register in advance for this webinar at**

**[https://us02web.zoom.us/webinar/register/WN\\_qStBE\\_oqSTaxS1YCrHPmwQ](https://us02web.zoom.us/webinar/register/WN_qStBE_oqSTaxS1YCrHPmwQ)**

*President Gorman called the meeting to order at 9:03 am.*

**1. Approval of April 28, 2021 meeting minutes** (Attachment 1). *D. Streicher made a motion to approve the General Membership meeting minutes from April 28, 2021. The motion was seconded by J. Slevnik. The motion passed with three (3) abstentions.*

**2. Presentation Abstract:** Wastewater effluent-dominated systems represent worst-case scenarios because pharmaceuticals are continuously discharged into a relatively small/less diluted water system. Although often believed to be a phenomenon restricted to arid regions, effluent dominated streams also occur in temperate regions. A small (22.5 km<sup>2</sup>) effluent-dominated stream in Iowa was selected as a field laboratory for study. Four strategically located sampling sites were selected for this study: 1) above the WWTP outfall, 2) the WWTP outfall, 3) ~100 m below the WWTP outfall, and 4) ~5 km downstream. For two years, water samples were collected during low-flow conditions on roughly a biweekly basis and analyzed for 13 pharmaceutical compounds using a method by the University of Iowa and collected monthly (Year 1) and analyzed for 110 pharmaceuticals using a method by the U.S. Geological Survey. Spatial and temporal changes in total pharmaceutical loading, relative compound representation, and parent-to-product ratios demonstrate differential complex mixture attenuation that results in changing biotic exposure conditions. Tandem lab tests elucidated driving removal mechanisms, and stochastic risk modeling probabilistically estimated exposure under all-flow conditions. Ongoing efforts are relating pharmaceutical concentrations and total estrogenicity to in vitro zebra fish assays to better understand potential environmental impacts from exposure to pharmaceutical mixtures. Presentation will also look at municipal wastewater as a year-round point source of neonicotinoid insecticides in effluent dominated streams.

**Presenter:** Gregory LeFevre – Assistant Professor of environmental engineering at University of Iowa.

**3. NPDES Permit Special Conditions**

- **2021-2021 Annual Report** – The 2020-2021 DRSCW/LDRWC Annual Report was submitted to the IEPA on 03/26/2021. All NPDES Special Condition holders were emailed the report. The report is also available on the DRSCW website at: <https://drscw.org/activities/project-identification-and-prioritization-system/>
- **2020 Permit Negotiations** – The negotiations team is working with IEPA to finalize the special conditions extension language.
  - To date, the following Permit Holders have expressed interest in extending their Special Condition: Addison (signed), Bloomingdale (signed), Carol Stream, DGSD,

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DuPage County Green Valley, Elmhurst (signed), Glenbard WWA (signed), Hanover Park (signed), Wood Dale (signed) & Salt Creek Sanitary District. Itasca and Roselle's position is currently under review.

- **Bartlett Permit-** Bartlett's permit has been issued with all the changes requested by the DRSCW including the extension to the schedule for the Fawell Dam Modification. This language will be issued to all permit holders who opt to remain in the current permit.
- **MWRDGC** – The Agency's Board has approved a request to update the current MWRD/DRSCW agreement to allow the District to administer and construct one of the projects identified in the special conditions. A draft version of the agreement has been reviewed by Larry Cox, Eric Neidy and Stephen McCracken who supplied comments to MWRD (thanks to Board Member Adam Gronski of MWRD for his work on this). A reworked version is planned for the end of July. The agency's membership dues and study assessments will continue to be paid on an annual basis.
- **Special Condition Permit Holders Meeting** – Special Condition Permit Holder Meetings were held as follows: LDRWC on April 30, 2021 at 10:30am at Crest Hill Public Works; East Branch DuPage on May 5, 2021 at 10:00am at Village of Lombard; West Branch DuPage on May 6, 2021 at Wheaton Sanitary District; and Salt Creek on May 7, 2021 at Village of Addison's 911 Training Center. The meetings focused on the feasibility of meeting a TP limit of 0.28 mg/L and the utility of trading in that context. All Special Condition Holders with the exception of the Salt Creek Sanitary District (SCSD) attended one of the meetings. Staff have spoken to SCSD separately. The consensus was that we should proceed with the analysis of the TP limit of 0.28 mg/L via our QUAL2Kw modeling efforts and were supportive of the 0.28 mg/L (or its variants) TP limit by 2035 with an elimination of intermediate limits (1 mg/L by end of permit cycle, 0.5 mg/L by 2030, etc.). Additionally, SC Permit Holders recommended that the trading analysis be suspended until the TP limit's implementation timeline is finalized and POTW's are better able to identify as potential the availability of sellers or buyers. See Bullet 9, Nutrient Implementation Plan for more details on this work.

**4. Physical Project Update (ongoing)**

- **Oak Meadows** – 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). County has authorized preliminary modeling for the permit to proceed. If the County approves, it will immediately go into final modeling and permitting (IDNR-OWR, USACE, and DuPage County).
  - Drafting of a 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.

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- Schedule is still to get the ladder in place during the summer of 2021. However, an extension (December 2022) has been accepted by IEPA.
- **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** – Staff will add a function to the website where project updates can be included so those interested in the project can track the progress on the final design.
  - **News Articles** – No updates.
  - **HB0688** – No updates
  - **Final Engineering and Preparation of Contract Bid Documents**
    - Additional Survey Work – Via an electronic vote, the Executive Board approved and executed a contract with Hey and Associates for a not to exceed value of \$54,771 for the additional survey work. This contract is \$30,229 below the \$85,000 the General Membership approved for this work at the 04/28/2021 meeting. The additional survey work will be paid for using Contingency Funds. Claassen White and Associates is scheduled to start the survey work the week of *July 5, 2021*.
    - Geotechnical Survey and Sediment Sampling – GSG, sub-contractor to Hey, completed the geotechnical survey and sediment characterization sampling on May 18, 2021. Two (2) soil borings were collected as part of the geotechnical work, analysis for the geotechnical borings is included in Hey's contract. Nine (9) sediment characterization samples were collected, six (6) samples from the impoundment and three (3) samples below the dam. Two subsamples were created from each sediment samples for a total of 18 samples submitted for analysis of total metals, RCRA metals, PAHs, PCBs, pesticides, COD, grain size, and TOC. MicroBac under the DRSCW's existing Master Service agreement will do the analysis.
      - ✓ *T. Minarik made a motion to authorize an expenditure of a not to exceed value of \$12,096 with MicroBac for the chemical and grain size analysis of the 18 samples collected at Fullersburg Woods as part of the sediment characterization study. The motion was seconded by J. Slevnik. The motion passed with three (3) abstentions. The expenditure was planned for in the FY21-22 budget and is include in the Fullersburg Woods – dam modification line item (budget total \$30,000).*
    - Structural Analysis of the Dam – The structural analysis of the dam was conducted on May 27, 2021.

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- HAER/HABS – Preliminary site inspection work for the HAER/HABS including photographs of the dam was conducted on May 27, 2021.
  - **Construction** – The plan is that MWRDGC will bid and provide oversight to the construction of the project. The current agreement between MWRDGC and the DRSCW is being revised to reflect this change.
  - **Pre-project Monitoring** - A third year of pre-project monitoring will be conducted in summer 2021 in conjunction with the Salt Creek bioassessment (see MBI contract below).
- **Spring Brook Phase II** – Post project monitoring will start in 2021. Staff is in contact with FPD staff to ensure that information necessary for their permit requirements is collected (see MBI contract below).
  - **MBI Contract** – At the 04/28/2021 meeting, the General Membership authorized the Projects Committee to approve and the Executive Board to sign a contract to cover pre and post project monitoring at 5 project locations. The list and budget has been reviewed by the Projects Committee (06/03/2021) and Executive Board (on 06/10/2021) has authorized staff to proceed with a contract up to \$40,000 with MBI to cover the work at 4 project locations: Spring Brook, Lower East Branch, Klein Creek, and Fullersburg Woods. Following additional negotiations, the Executive Board authorized an increase of this amount to \$44,500 to allow for additional complexity on the Lower East Branch and extra accommodation costs caused by Covid-19. This is below the \$55,000 budgeted for this work in 2021.

**5. Physical Project Update (not yet started)**

- **Project Evaluation Matrix** – A matrix is being developed for scoring future member projects for possible funding via the Special Condition 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.
- **West Branch Restoration**– Carol Stream has submitted a project (the Klein Creek Streambank Stabilization Project) for funding via the Special Condition funds allocated to the Lower West Branch. The proposal was reviewed by the Projects Committee at their June 3, 2021 meeting, where it was accepted for development into a funding agreement between Carol Stream and the DRSCW. The agreement will include construction details for all three project stages, details on costs for the various elements and allocation of their funding amongst the partners. Once developed and accepted by the Projects Committee it will be forwarded to the Executive Board for a final decision. In addition to the DRSCW, the project contains funding from Carol Stream itself and from a 319-grant awarded to the Village.
  - MBI Contract – At the 04/28/2021 meeting the General Membership authorized the Projects Committee to approve and the Executive Board to sign a contract with MBI

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up to the budget amount of \$11,500 for pre- project monitoring at the site (see MBI contract above).

- **Lower East Branch** – The Request for SOI for a consultant to perform design engineering and the preparation of contract bid documents for a stream restoration project on the Lower East Branch DuPage River was released on February 1, 2021. Seven (7) SOI were received by the deadline. The Review Committee shortlisted ERA, Interfluve, and V3. Proposals were received on April 2, 2021 with interviews held the week of April 12-19, 2021. The East Branch Review Committee selected the team of Interfluve and AECOM for the project.
  - At the 04/28/2021 meeting, the General Membership authorized the Projects Committee to negotiate and the Executive Board to approve and sign a contract with Interfluve for the design engineering and the preparation of contract bid documents for the Lower East Branch Stream Restoration Projects not to exceed \$425,000. At the 06/03/2021 meeting, the Project Committee approved a contract not to exceed \$316,713 for Tasks 1-7. At this time, the Project Committee does not recommend proceeding with Task 1A- Survey from Royce Road to Hobson Road and Task 2A – Wetland delineation from Royce Road to Hobson Road. The final contract will be shared and voted by the Executive Board electronically.
  - Pre-project monitoring is budgeted for 2021.
    - MBI Contract – At the 04/28/2021, the General Membership authorized the Projects Committee to approve and the Executive Board to sign a contract with MBI up to the budget amount of \$20,000 for pre- project monitoring of the Lower East Branch Stream Restoration Project (see MBI contract above).

**6. Nutrient Implantation Plan (NIP)**

- **NSAC Update** – The NSAC recommendations are not foreseen as being on the IPCB agenda for rulemaking in 2021.
- **Nutrient Loss Reduction Strategy (NLRS)** – The biannual update on the DRSCW activities was submitted to the NLRS staff on January 29, 2021. This information will be included in the next biannual update to the NLRS.
- **Trading Analysis**  
Point Source (PS) to PS Trading – No update at this time.

Stream Crediting Trading – Scope revisions and the need for continuing with the trading effort was discussed with the Special Condition Permit holders in meetings held in late April/early May 2021. SC Permit Holders recommended suspending the trading analysis until the TP limit and implementation timeline is determined and facilities can determine their ability and/or need to be TP sellers or buyers. This information was presented to the Project Committee at their June 15, 2021 meeting for a final decision on whether or not



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to proceed with the recommended scope revisions. The Project Committee agreed with the SC Permit Holders and recommended suspending the trading analysis.

USEPA National Water Quality Trading Policy – An updated USEPA policy on trading is expected to be released in 2021. 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 workshop will be rescheduled.
- **Related to Nutrient Trading** – As they are completed, please submit PDOPs and FSs to DRSCW staff.
- **QUAL Model Update**
  - Model calibration and sensitivity analysis is complete for the East Branch DuPage River and Salt Creek.
  - Model calibration for the West Branch DuPage River and Lower DuPage River is ongoing.
  - Staff has been developing preliminary scenarios to be run in the models. These scenarios were derived from discussions with Tetra Tech (the consultant on this project) and the Special Condition Holders. Scenarios will be presented to the Project Committee for approval before running in the models. Under the existing project budget up to 5 scenarios per watershed can be run. At their June 15, 2021 meeting the Projects Committee recommended proceeding with 3 scenarios for the East Branch. The first two are set out below:
    - **0.28 mg/L TP effluent concentration with existing flows** (equivalent to a 0.35 mg/L TP effluent limit assuming treatment level to 80% of limit).
    - **0.22 mg/L TP effluent concentration with existing flows** (equivalent to a 0.28 mg/L TP effluent limit assuming treatment level to 80% of limit).
- **Non-Point Source Phosphorus Feasibility Analysis**
  - **Leaf litter Survey** – The questionnaire has been forwarded to all members of the DRSCW and LDRWC to obtain information about leaf collection and street sweeping. To date (05/17/2021), 29 completed questionnaires have been received.
    - Thank you to DC SWM for assisting with the dissemination of the questionnaire to DuPage County Communities.
  - **Contract for assistance with NPS Phosphorus Feasibility Analysis Report**— A NPS Phosphorus Feasibility Analysis is due to IEPA by December 31, 2021. The report will include the results of the GIS leaf litter

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- analysis, the questionnaires, a review of the empirical data and recommendations for future analysis.
- On June 16, 2021 an SOI was released to solicit interest from consultants to assist with the preparation of the NPS Phosphorus Feasibility Analysis Report. The value of this contract will be \$25,000. *SOIs are due on July 9, 2021.* A SOI review committee made up of Project Committee members will select a consultant for the work from the submitted SOIs. The firm selected by the review committee will be presented to the Executive Board for approval. The remaining funds of \$10,000 will be used to hire an intern to work on compiling the data and running the spreadsheet tool.
  - **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 program will continue in the Salt Creek watershed in 2021. Staff is working on the sampling plan.
    - ✓ *D. Streicher made a motion to authorize the expenditure of up to \$7,700 for supplies and analysis for sample analysis and supplies for the Expanded DO Monitoring Program. The motion was seconded by J. Lomax. The motion passed with two (2) abstentions. Supplies will be purchased from Fisher Scientific or similar and analysis will be conducted by the University of Washington (benthic algae) and MicroBac (water chemistry). The expenditure was planned for in the FY21-22 budget under the NIP line item.*
  - **IPS Model Update**
    - The updated 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.
    - Level of Rigor Analysis – No update at this time.
7. **Springfield Regulatory and Legislative Updates** – S. McCracken and D. Doohaluk will schedule a visit to the IEPA for Summer 2021 once the 2020 permit language has been finalized. If an in-person meeting cannot be held, a virtual meeting will be held.

**Non-Permit Activities**

**8. Bioassessment Plan**

- **East Branch Bioassessment** – MBI is working on completing the 2019 DRAFT Bioassessment report (data on principle outputs has already been supplied).
- **West Branch Bioassessment** – Field sampling is complete.

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- Staff has received graphs from MBI of the fish, habitat, and chemical data collected as part of the 2021 Bioassessment.
- **Salt Creek Bioassessment** – Scheduled for 2021. This will include sampling all the sites at Oak Meadows and Fullersburg.
  - At the 04/28/2021 meeting, the General Membership authorized the Monitoring Committee to negotiate and the Executive Board to approve and sign a contract with MBI up to the budget amount of \$177,330 for biological and habitat evaluation for the 2021 Bioassessment (includes Salt Creek Bioassessment, expanded Oak Meadow sites and Fullersburg pre-project monitoring). The final contract will be shared and voted on by the Monitoring Committee and the Executive Board electronically.

**9. Monitoring (non-Bioassessment)**

- **Fecal Coliform Sampling** -- Fecal coliform sampling will be completed on Salt Creek in 2021 (MS4 program support).
- **Continuous DO Monitoring** – 2021 Continuous DO monitoring began in mid-April 2021. To date the following sondes have been deployed EBAR, EBCB, SCBR, SCFW, SCOM, WBAD, WBBR, WBMG, and WBWG. All remaining sondes have been deployed. *Thank you to DC SWM and MWRDGC for your continued partnership with the continuous DO monitoring program.*
  - Staff is recommending that sondes be left out year-round as a means of collecting a complete data set which will be helpful for future water quality modeling efforts. This will be discussed with our Continuous DO partners (DC SWM and POTWs) in summer 2021.
  - Staff will be adding water column chemistry for nutrient/demand parameters and chlorophyll A at all continuous DO sites starting with the Salt Creek bioassessment. This data will be used for future water quality model calibrations.
    - Staff negotiated a contract with Eureka for the purchase of ten (10) new sondes to replace the aging current models. The ten (10) sondes will have DO, pH, conductivity, temperature, and turbidity sensors. Six (6) of the sondes will also have a chlorophyll A sensor. The purchase agreement also included a four (4) year warranty on the sondes and sensors. Via an electronic vote, the Executive Board approved and executed a purchase agreement for DO sonde equipment with Eureka Environmental for \$94,325.76 (& \$240 post and packing) of which \$73,810 will be paid from the DO Monitoring Program Purchase/Replace Probes budget line item, between \$8,212.40 and \$12,794 from the Special Condition NIP budget line item, and the remaining from the DO Monitoring Program Maintain Probe line item.
- **Conductivity Monitoring** -- Conductivity monitoring at six locations began the week of December 7, 2020. Sondes at EBAR and WBAD were pulled or transition to summer DO monitoring on April 7, 2021. The remaining sondes were transitioned over to summer DO data collection by May 28, 2021.

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- **MS4 Permit** – A report of all DRSCW activities related to MS4 Compliance from March 1, 2020 to February 28, 2021 was submitted to DC SWM for incorporation in the DC annual report and directly to all DRSCW members.
  - New MS4 Permit – The current Illinois MS4 permit expired on 2/28/2021. IEPA has issued a new NOI which all MS4 communities have to submit as part of their MS4 renewal. The DRSCW will likely want to supply a list of DRSCW activities for members to include in their NOIs. No draft permit is available for review at this time.

## **10. Chlorides**

- **Workshops** – Staff had a number of calls with Lake County staff in planning the 2021 Workshop schedule (principally on 2/24/2021 & 3/16/2021). All parties have agreed that as workshops will be virtual again this year it made sense to pool resources. All workshops will be jointly advertised, hosted and financed. This has also been discussed with Fortin Consulting (the Contractor). A Save the Date flyer has been shared with Lake County staff and the DRSCW membership. Cost will be \$40 per link. Dates selected are:
  - Tuesday, September 28, 2021 – Parking Lots & Sidewalks
  - Thursday, September 30, 2021 - Public Roads
  - Tuesday, October 5, 2021 - Public Roads
  - Thursday, October. 7, 2021 – Parking Lots & Sidewalks
  - Tuesday, October 12, 2021 - Public Roads
- **Salt Management Questionnaire** – The 2020-2021 Chloride Management BMP questionnaire is under development in coordination with Baxter & Woodman (B&W). It will be sent out once the leaf litter questionnaire responses are concluded.
- **Loading analysis** is proceeding. A draft product is nearing completion with the analysis being greatly helped by the weather data procured from Weather Command.
- **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.
- **TLWQS for Chlorides** – The approval of the TLWQS for chlorides is on the agenda for the IPCB in 2021.
- **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. Contact has been made with the participating agencies for Spring 2021.

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**11. Other Activities**

- **Upper Salt Creek 319 Watershed Plan** – The DRSCW (via TCF) was awarded a \$120,000 Section 605(b) Grant for the development of this plan. The Contract between the IEPA and TCF was signed in early May 2021. The SOI to solicit interest from consultants to assist staff with the preparation of this plan was released on May 24, 2021. SOIs were received from the following firms: CBBEL, Deuchler, ERA, Hey, Living Waters, RES, and TetraTech. Following review by the Salt Creek Committee, *four (4)* firms were short-listed and asked to prepare an RFP: CBBEL, ERA/Ruekert Mielke, Hey and Associates/Geosyntec, and TetraTech. RFPs are due on July 9, 2021. Staff are collaborating with MWRDGC staff in developing the plan.
- **East Branch DuPage River Watershed-Based Plan (DC SWM)** – DC SWM is developing a watershed-based plan for the East Branch DuPage River. Staff will provide DC SWM with our biological, chemical, and habitat data. Staff will also provide site-specific projects (developed from the IPS) for inclusion in the plan.
- **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.
- **Newsletter** – The Fall/Winter 2020 newsletter can be found at: <https://drscw.org/wp-content/uploads/2020/11/newsletter-fall-winter-2020.pdf>. A Summer 2021 newsletter is under development.
- **Utility Management** – No update at this time.
- **Bacteria on Salt Creek** – On May 21, 2021, staff received an update from a canoeist on Salt Creek that small quantities of the sewer fungus have been observed near Brookfield Avenue in Brookfield. This information was forward to MWRDGC to see if they had observed any growths during their field work. T. Minarik let us know that in mid-April 2021, their inspection team visited the area and also saw limited remnants of the sewer fungus. MWRDGC inspectors also discovered that there was a cloudy discharge coming from that same outfall just upstream of Brookfield Ave. MWRDGC reported it to their Industrial Waste Division who went out to investigate. On April 27, 2021 the Village of Brookfield and the IEPA was notified of the discharge. The sanitary sewer was jetted and a portion of the sewer line was supposed to be replaced once a contractor was selected. MWRDGC did not have an update to whether or not the line was replaced but they are following up and will keep us posted. MWRDGC also plans to complete follow-up field inspection.

**DuPage River Salt Creek Workgroup  
Via Zoom Webinar  
June 30, 2021  
9:00-11:00 AM  
Membership Meeting Minutes**

**12. Business Items (new business)**

- **Invoice Summary– April 1, 2021 to May 31, 2021**

<b>Vendor/Project</b>	<b>Invoice Number</b>	<b>Amount (\$)</b>	<b>Status</b>
AJ Gallagher - D&O Insurance	3813083	1,000.00	Paid
Eureka Water Probes - Monitoring Probes	15590	96,094.40	Paid
HACH - Probe Maintenance	NA	11,500.00	Paid
The Hartford - Crime Insurance	NA	582.00	Paid
Hey & Assoc. - Fullersburg Dam	13104	8,296.49	Paid
Hey & Assoc. - Fullersburg Dam	13234	6,121.25	Paid
Lauterbach & Amen - Audit Partial Pmt	54381	4,100.00	Paid
Liberty Mutual - Gen'l Liability	Dtd 4/8/21	250.00	Paid
MBI - West Branch Monitoring 2020	1855	6,234.35	Paid
Tetra Tech - QUAL2Kw	51720791	11,402.50	Paid
Tetra Tech - QUAL2Kw	51732673	4,800.00	Paid
Tetra Tech - Trading	51689866	7,024.50	Paid
V3 Companies - Fawell Dam	321304	4,000.29	Paid
V3 Companies - Fawell Dam	421379	1,145.79	Paid

- **Financial reports through May 31, 2021** (Attachment 2). *The agenda packet accidentally contained DRSCW's balance sheet for 2020 and not 2021. The corrected balance sheet will be emailed to members.*
- **Membership Dues Payments Update (through June 18, 2021))** (Attachment 3).
  - Invoices for Members (POTWs and MS4 communities) have been sent. Invoices for Associate Members were also sent in June 2021.
- **The Conservation Foundation contract for staffing** (Attachment 4).  
The 2021-22 staffing contract is attached for review by the General Membership.  
Staffing amounts and fixed costs within 21-22 budget estimates.  
✓ *J. Slevnik made a motion to approve the TCF staffing contract. The motion was seconded by L. Cox. The motion passed with one (1) abstention.*

**13. DRSCW Calendar, Presentations and Press Coverage**

- May 10, 2021 – NARPs and the Development of Watershed Specific TP Target Levels, Lower Des Plaines Watershed Group (S. McCracken and D. Doohaluk)

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- June 5, 2021 – Restoration of Freshwater Ecosystems, World Environment Day Celebration, Rotary International/Bharathi Theertha/India Youth for Society (D. Doohaluk).
- *May 28, 2021 – An Overview of The DuPage River Salt Creek Workgroup, IAWA monthly Nutrient Subcommittee NARP meeting (Amy Underwood)*

**14. Workgroup Meeting Schedules**

August 25, 2021 from 9AM-11AM  
October 27, 2021 from 9AM-11AM  
December 8, 2021 from 9AM-11AM  
February 23, 2022 from 9AM-11AM

*J. Lomax made a motion to adjourn at 10:57 am. The motion was seconded by D. Streicher.*

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Attachment 1.

**Please register in advance for this webinar at**  
**[https://us02web.zoom.us/webinar/register/WN\\_8YTq7QypTpmaZx82p5BiIQ](https://us02web.zoom.us/webinar/register/WN_8YTq7QypTpmaZx82p5BiIQ)**

*President Gorman called the meeting to order at 9:02am.*

1. **Introductions** – *Participants were asked to enter their name and affiliation in the chat so that all participants could see who was in attendance.*
2. **Approval of June 30, 2021 meeting minutes** (Attachment 1). *R. Salerno made a motion to approve the June 30, 2021 meeting minutes. The motion was seconded by D. Rosenwinkel. The motion passed with five (5) abstentions.*

**3. Presentation Abstract: Results of the 2019 Biological and Water Quality study of the East Branch DuPage River Watershed.**

During 2019, the DRSCW carried out its comprehensive basin assessment for the East Branch DuPage River and its tributaries. The assessment included surveys of the basin's fish and insect populations, physical habitat, water column and sediment chemistry and a review of the long-term dissolved oxygen and POTW monitoring data. The presentation looked at long-term trends and how results compared to prior surveys.

**Presenter: Chris Yoder, Research Director, Midwest Biodiversity Institute**

**4. NPDES Permit Special Conditions**

- **2020 Permit Negotiations** – Draft permits containing the negotiated special conditions have been issued for public notice by IEPA to member POTWs. All members, with the exception of Wheaton SD, West Chicago Winfield Waste Water Authority, and Glendale Heights POTW, have elected to take the extension.

Three additional items of note have changed in the permit and need attention:

- a. The IEPA is lowering the Total Chlorine Residual compliance limit (TRC) from 0.05 to 0.038 mg/L (daily maximum). IEPA is placing this limit in all Major POTW NPDES permits statewide due to the increased availability of testing procedures/equipment. MWRDGC has provided language regarding the TCR limit that was included in their permits. It allows a 2-year compliance period for purchase of equipment and testing of equipment before the limit is applied. This language has been supplied to permit holders and Staff will notify IEPA that it is our wish that this language be included in a permit that uses chlorine for their primary discharge.
- b. Changes in Fecal Coliform based on the 2019 TMDLs – Text reads “From May through October the monthly geometric mean shall not exceed 200 per 100 mL, nor shall more than 10% of the samples during the month exceed 400 per 100 mL and XX billion cfu per day (XX billion cfu per day)” (geomean standard for



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average and then for wet weather conditions in parentheses). This language is more flexible than previous language. The inclusion of the load allocations (XX Billion CFU) is a potential compliance issue given to variability of spring flows. Additionally, these loadings may have been inconsistently pulled from the TMDL. Amy Underwood (DGSD & DRSCW Board) and Staff have discussed the concentrations and loadings with TetraTech (author of the TMDL) to confirm both the monthly geometric mean load and monthly peak load allocations and how they should be applied.

- c. TP Limit – The draft permit language for those taking the extension states that each permit has an additional 3 years past the previous date or “as soon as possible”. It then goes on to state that this limit could be superseded by the NIP. Staff is going to again ask the IEPA to remove the “as soon as possible”.
- **LDRWC** – The permits are being adapted for the LDWRC.
- **Bartlett Permit** – Bartlett’s permit has already been issued with the Fecal Coliform and TCR Language.
- **MWRDGC** – An updated MWRD/DRSCW agreement is being worked on by MWRD and Staff. The updated agreement will allow the District to administer and construct one of the projects identified in the special condition. The agency’s membership dues and study assessments will continue to be paid on an annual basis.

**5. Physical Project Update (ongoing)**

- **Oak Meadows** – Post project biological sampling is being carried out in conjunction with the 2021 Bioassessment (Salt Creek).
- **Fawell Dam Modification**
  - An updated plan, including updated modeling has been submitted to DuPage County Stormwater for review (8/9/2021). In order to meet attraction flow goals at the ramps downstream end, the design now calls for a 2 X 3 ft (high) ladder design. The ladder has also been reduced in length. If the County approves, it will immediately go into final modeling and permitting (IDNR-OWR, USACE, and DuPage County).
  - A draft MOU between the DRSCW, DC, and the FPDDC for the construction/maintenance/ownership of the ladder has been produced and is under review before going to County Stormwater. It will go to the Projects Committee for approval once all parties (DC, FPDDC and DRSCW) have agreed on the draft. The short and long-term ownership and maintenance of the fish ladder is a critical component of the MOU between the DRSCW, DC, and FPDDC.
  - 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.
  - The new permits push construction completion back to December 2022.

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- **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** – No updates.
  - **News Articles** – No updates.
  - **HB0688** – No updates
  - **Design and Permitting** – Hey has completed preliminary modeling for the dam removal and stream restoration. This information was shared with staff at a conference call on July 23, 2021 *and will be discussed with the FPDDC on September 2, 2021*. Staff will schedule a meeting with the Project Committee to discuss results.
    - Additional Survey Work – Claassen White and Associates has started the additional survey work and is anticipated to be completed by the end of August 2021.
    - Geotechnical Survey and Sediment Sampling – GSG has submitted a draft report summarizing the findings of the geotechnical and sediment characterization sampling that was conducted in May 2021. Staff is reviewing the draft report.
    - Structural Analysis of the Dam – The structural analysis of the dam was conducted on May 27, 2021.
    - HAER/HABS – Preliminary site inspection work for the HAER/HABS including photographs of the dam was conducted on May 27, 2021. A site visit to begin the design of the mill race and motor for turning the mill wheel *was held on* August 24, 2021.
  - **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 is being revised to reflect this.
  - **Pre-project Monitoring** - MBI is currently working on the third year of pre-project monitoring at the site.
- **Spring Brook Phase II** – Post project monitoring in the new channel is partially complete at sites selected in coordination with the FPDDC staff. Data from the survey will be used in permit reporting by the FPDDC.
- **Lower East Branch** – Contract negotiations with Interfluve/AECOM for a contract not to exceed \$316,713 are on-going. Vacations and field work by various parties has delayed the signature of the contract. Once the contract is signed, a *virtual* Kick-Off Meeting for the project will be scheduled *with the Project Committee for the week of September 13-17, 2021*.

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- **Pre-project Sampling** – Pre-project monitoring is scheduled for August 2021. Staff has worked with MBI to select eleven (11) sites between 75<sup>th</sup> Street and Weber Road for the 2021 pre-project sampling.

**6. Physical Project Update (not yet started)**

- **Project Evaluation Matrix** – A matrix is being developed for scoring future member projects for possible funding via the Special Condition funds. The draft Matrix was presented to the Projects Committee for their review at their June 3, 2021 meeting. Staff is incorporating the Project Committees comments/suggestions and will share the updated Matrix with the Project Committee via email for review/comment.
- **Klein Creek**
  - **Project Development** - The Projects Committee has recommended moving forward with the Klein Creek project in Carol Stream (the Klein Creek Streambank Stabilization Project). Staff from both entities have developed a draft Grant Agreement for up to \$1,100,000 to be awarded to Carol Stream. The last part of the MOU that needs to be developed is detailed list of components that the DRSCW will fund. In addition to the DRSCW funds, the Village has been awarded a 319 grant by the IEPA. The Board will be moving forward on signing the grant agreement with Carol Stream once the Projects Committee has approved the agreement.
  - **Pre-project Sampling** – Pre-project monitoring is scheduled for August 2021.

**7. Nutrient Implantation Plan (NIP)**

- **NSAC Update** – The NSAC recommendations are not foreseen as being on the IPCB agenda for rulemaking in 2021.
- **Nutrient Loss Reduction Strategy (NLRS)** – The biannual update on the DRSCW activities was submitted to the NLRS staff on January 29, 2021. This information will be included in the next biannual update to the NLRS.
- **Trading Analysis**  
Point Source (PS) to PS Trading – No update at this time.

Stream Crediting Trading – Scope revisions and the need for continuing with the trading effort was discussed with the Special Condition Permit holders in meetings held in late April/early May 2021. SC Permit Holders recommended we suspend our trading analysis until the TP limit and implantation timeline is determined and facilities can determine their ability and/or need to be TP sellers or buyers. This information was presented to the Project Committee at their June 15, 2021 meeting and the Project Committee concurred with the Special Condition Permit holders. The trading analysis has been suspended. The need to re-start the trading analysis will be revisited periodically by the Special Condition Holders and Project Committee.

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USEPA National Water Quality Trading Policy – An updated USEPA policy on trading is expected to be released in 2021. Once posted, the USEPA will seek comment on the policy for 90-120 days.

- **IWEA NARP Workshop** – A lunch & learn on entitled “You got a NARP, now what?” was held on August 10, 2021 at noon. S. McCracken moderated a panel during the lunch & learn. A second webinar jointly hosted by IWEA Government Affairs Committee and Watershed Committee on NARPs is scheduled for October 16, 2021 from 11am-1:30pm. Registration and details will be forthcoming on the IWEA website.
- **Related to Nutrient Trading** – As they are completed, please submit PDOPs and FSs to DRSCW staff.
- **QUAL Model Update**
  - Model calibration and sensitivity analysis is complete for the East Branch DuPage River, Salt Creek, and West Branch DuPage River.
  - Model calibration for the Lower DuPage River is ongoing.
  - 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. These results will be shared with the Project Committee at an upcoming meeting. Similar scenarios will also be run on the Salt Creek model.
  - *An amendment to the QUAL2Kw modeling contract with TetraTech is forthcoming. The amendment will extend the completion date of the project from December 31, 2021 to July 1, 2022. No additional funds are being requested as part of this contract extension.*
  - Thanks to DuPage County Stormwater for supplying FEQ and GIS files for use in the project.
- **Non-Point Source Phosphorus Feasibility Analysis**
  - **Leaf litter Survey** – The questionnaire has been forwarded to all members of the DRSCW and LDRWC to obtain information about their leaf collection and street sweeping programs. Fifty (50) completed questionnaires have been received to date for the DRSCW and LDPWC watersheds (08/018/2021).
    - Thank you to DC SWM for assisting with the dissemination of the questionnaire to DuPage County Communities.
  - **Contract for assistance with NPS Phosphorus Feasibility Analysis Report**— A NPS Phosphorus Feasibility Analysis is due to IEPA by December 31, 2021. The report will include the results of the GIS leaf litter analysis, the questionnaires, a review of the empirical data and recommendations for future analysis.

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- An SOI was issued in early June with an estimated contract amount of \$25,000. Two submittals were received (TetraTech and Baxter & Woodman). The review team (made up of DRSCW staff and staff from Carol Stream and DuPage County) identified aspects of both proposals that they liked and opted for the following arrangement. Baxter and Woodman were awarded the contract and it was suggested TetraTech be signed to a General Services Agreement which would allow them to advise on the NPS report and work on tying all the parts of the NIP together (TetraTech is already working on another major component of the NIP, the QUAL modelling).
  - The Board has approved a contract with Baxter and Woodman not to exceed \$24,000 for the preparation of the NPS Phosphorus Feasibility Study. At the April 28, 2021 General Membership Meeting, General Membership approved the release of up to \$35,000 for the NPS Phosphorus Feasibility Study. No action is needed at this time.
  - The Board has approved signing a General Services Agreement with TetraTech for assistance with preparation of the NIP. The first task under the General Services Agreement will be assistance with the NPS Phosphorus Feasibility Analysis not to exceed \$4,000.00. All future tasks will be presented to the Board and General Membership for approval.
    - ✓ *D. Streicher made a motion to approve a General Services Agreement with TetraTech for assistance with preparation of the NIP. The first task under the General Services agreement will be assistance with the NPS Phosphorus Feasibility Analysis not to exceed \$4,000.00. The motion was seconded by J. Lomax. The motion passed with three (3) abstentions.*
- **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 watershed *was* completed *during* the week of August 16-20, 2021. Sampling of the reference sites *was* completed during the week of August 23-27, 2021.
- **IPS Model Update**
  - The updated 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.
  - A workshop on using the new software and IPS model is being planned for *November 2021*. The workshop would include development of site restoration activities based on the data collected at the site.

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- ✓ *S. Zehner made a motion to authorize the spending of \$20,000 of the \$30,000 budgeted amount for hosting an IPS Power BI training workshop, contingent on the Projects Committee's approval. The motion was seconded by G. Ulrich. The motion passed with three (3) abstentions.*
- Level of Rigor Analysis – No update at this time.

**8. Springfield Regulatory and Legislative Updates** – S. McCracken and D. Doohaluk will schedule a visit to the IEPA for Fall 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 (data on principle outputs has already been supplied).
- **West Branch Bioassessment** – MBI is working on completing the 2020 DRAFT Bioassessment report (data on principle outputs has already been supplied).
- **Salt Creek Bioassessment** – Both the Biological and Chemical Surveys are underway; survey includes Fullersburg Woods and Oak Meadows.

**10. Monitoring (non-Bioassessment)**

- **Fecal Coliform Sampling** – Summer Fecal coliform sampling has been completed on Salt Creek in 2021 (MS4 program support).
- **Continuous DO Monitoring** – 2021 Continuous DO monitoring is ongoing.
  - Staff is recommending that sondes be left out year-round as a means of collecting a complete data set which will be helpful for future water quality modeling efforts. This will be discussed with our Continuous DO partners (DC SWM and POTWs) in Summer 2021.
  - 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 be used for future water quality model calibrations.
- **Conductivity Monitoring** – At sites where continuous DO monitoring does not correspond with bioassessments sites, chloride samples (grab samples) will be collected during the summer months at each of the winter conductivity monitoring sites to general linear relationships between chloride and conductivity. In winter 2021/2022, additional chloride grab samples will be collected at the winter conductivity sites to further refine the existing linear relationship curves for chloride and conductivity.
- **New MS4 Permit** – The current Illinois MS4 permit expired on 2/28/2021. IEPA has issued a new NOI which all MS4 communities have to submit as part of their MS4 renewal. The DRSCW will likely want to supply a list of DRSCW activities

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

## **11. Chlorides**

- **Workshops** – Staff had a number of calls with Lake County staff in planning the 2021 Workshop schedule (principally on 2/24/2021 & 3/16/2021). All parties have agreed that as workshops will be virtual again this year it made sense to pool resources. All workshops will be jointly advertised, hosted and financed by Lake County Stormwater Management, Lake County Health Department, Lake County Department of Transportation, Kane County, DRSCW, LDRWC, LDWG, DRWW, NBWW, and TCF. This has also been discussed with Fortin Consulting (the contractor). A Save the Date flyer has been shared with all concerned. Cost will be \$45 per link. Dates selected are:
  - Tuesday, September 28, 2021 – Parking Lots & Sidewalks
  - Thursday, September 30, 2021 - Public Roads
  - Tuesday, October 5, 2021 - Public Roads
  - Thursday, October 7, 2021 – Parking Lots & Sidewalks
  - Tuesday, October 12, 2021 - Public Roads
- **Salt Management Questionnaire** – The 2020-2021 Chloride Management BMP questionnaire will go out in October 2021. It is on hold while the leaf litter street sweeping questionnaire is still in circulation.
- **Loading analysis** is proceeding. The winter weather data procured from Weather Command has been critical to completing the analysis.
- **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.
- **TLWQS for Chlorides** – The approval of the TLWQS for chlorides is on the agenda for the IPCB in 2021.
- **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** – No update.

## **12. Other Activities**

- **Upper Salt Creek 319 Watershed Plan** – The DRSCW (via TCF) was awarded a \$120,000 Section 605(b) Grant for the development of this plan. The Contract between the IEPA and TCF was signed in early May 2021. The SOI to solicit interest from consultants to assist staff with the preparation of this plan was released on May 24, 2021. SOIs were received from the following firms: CBBEL, Deuchler, ERA, Hey, Living Waters, RES, and TetraTech. Following review by the Salt Creek Committee, four (4) firms were short-listed and asked to prepare an RFP: CBBEL, ERA/Ruckert Mielke, Hey and Associates/Geosyntec, and TetraTech. The Salt Creek Committee selected the team

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of Hey and Associates/Geosyntec to prepare the Upper Salt Creek Watershed-Based Plan. A contract has been signed *and a project kick-off meeting is scheduled for August 26, 2021*. Staff are collaborating with MWRDGC staff in developing the plan.

- Draft Education Strategy – Staff prepared and submitted the draft education strategy to the IEPA before its July 31, 2021 deadline. The final education strategy is due by August 30, 2021.
- *Upper Salt Creek Watershed Planning Council (USCWPC) – Invitations to join the USCWPC are forthcoming. The first meeting of the USCWPC will be held in late September 2021.*
- *Watershed Resource Inventory (WRI) – The WRI is due on January 31, 2022.*
- **East Branch DuPage Watershed-Based Plan (DuPage County Stormwater Management)** – Staff supplied an overview on DRSCW monitoring in the East Branch River Watershed for inclusion in the plan. Staff is preparing a list of projects to be included in the plan. DC SWM has asked the IEPA for a grant extension to the end of 2022.
- **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.
- **Newsletter** – The Fall/Winter 2020 newsletter can be found at: <https://drscw.org/wp-content/uploads/2020/11/newsletter-fall-winter-2020.pdf>. A Summer 2021 newsletter is under development.
- **Utility Management** – No update at this time.
- **Bacteria on Salt Creek** – Staff has revisited the impacted area on Salt Creek and observed no traces of “sewer fungus” during the Summer 2021.

### 13. Business Items (new business)

- **Invoice Summary– June 1, 2021 to July 31, 2021**

Invoice Payments from June 1, 2021 to July 31, 2021

Vendor/Project	Invoice Number	Amount (\$)	Status
Eureka Water Probes - Monitoring Probes	15590	96,094.40	Paid
HACH - Probe Maintenance	NA	11,500.00	Paid
Hey & Assoc. - Fullersburg Dam	13234	6,121.25	Paid
Hey & Assoc. - Fullersburg Dam Removal	13358	12,194.42	Paid
Lauterbach & Amen - Audit Final Pmt	55725	2,000.00	Paid
Microbac - Fullersburg Monitoring	LA1F01104	11,286.00	Paid
MBI - WB DuPage River Monitoring	1877	15,830.74	Paid



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MBI - WB DuPage River Monitoring	1894	10,047.63	Paid
Tetra Tech - QUAL2kw	51741382	15,275.00	Paid
Tetra Tech - QUAL2Kw	51732673	4,800.00	Paid
Tetra Tech - Trading	51689866	7,024.50	Paid
The Conservation Fdn - July Salary Adjust.	NA	1,060.69	Paid
V3 Companies - Fawall Dam	521546	8,804.26	Paid
V3 Companies - Fawall Dam	621435	2,115.99	Paid
V3 Companies - Fawell Dam	421379	1,145.79	Paid

- **Financial reports through July 31, 2021** (Attachment 2).
  - **Itasca NOW Account:** An additional account has been opened at Itasca Bank which will hold funds in excess of the FDIC insurance limit and will be secured (collateralized) with high-grade bonds which will be held by First Horizon Bank as custodian.
  - **Audit** – The audit is complete and staff has received the report. The due date for the tax form has been extended and will be prepared soon.
- **Membership Dues Payments Update (through Aug. 13, 2021)** (Attachment 3).
  - Invoices for Members (POTWs and MS4 communities) and Associate Members were sent in June and most of the dues and fees have been received.

#### **14. DRSCW Calendar, Presentations and Press Coverage**

- May 10, 2021 – NARPs and the Development of Watershed Specific TP Target Levels, Lower Des Plaines Watershed Group (S. McCracken and D. Doohaluk)
- May 28, 2021 – An Overview of The DuPage River Salt Creek Workgroup, IAWA monthly Nutrient Subcommittee NARP meeting (A. Underwood)
- July 14, 2021 – DRSCW and the Lower East Branch Stream Restoration Project, Illinois Small Mouth Association (S. McCracken and D. Doohaluk)
- August 12, 2021 – You have a NARP, Now What?, IWEA Watershed Committee Webinar (S. McCracken, panel facilitator)

#### **15. Workgroup Meeting Schedules**

October 27, 2021 from 9AM-11AM  
 December 8, 2021 from 9AM-11AM  
 February 23, 2022 from 9AM-11AM  
 April 27, 2022 from 9AM-11AM  
 June 22, 2022 from 9AM-11AM  
 August 24, 2022 from 9AM-11AM

*D. Rosenwinkel made a motion to adjourn at 11:00am. The motion was seconded by S. Baert.*

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**Please register in advance for this webinar at**

**[https://us02web.zoom.us/webinar/register/WN\\_F4i7cluZSK6Kf6N\\_1PXvlQ](https://us02web.zoom.us/webinar/register/WN_F4i7cluZSK6Kf6N_1PXvlQ)**

*President Gorman called the meeting to order at 9:01am*

**1. Welcome and Introductions**

- 2. Approval of August 25, 2021 meeting minutes** (Attachment 1). *T. Minarik motioned to approve the minutes. Motion seconded by J. Lomax. Motion passed unanimously with three (3) abstentions.*

**3. Presentation Abstract: Chloride Trend Analysis**

During the last decade the member agencies and the DRSCW have implemented a number of chloride reduction efforts, including reduction of application rates, educational workshops, equipment calibration, and the use of chemical alternatives and salt storage best management practices. Salt use rates have dropped but have these activities had a measurable impact on instream chloride levels? The trend analysis set out to answer that question using ten years of summer and winter chloride and conductivity data.

Such an analysis is challenging due to variability in winter weather (temperatures and amount and type of precipitation) and in the way salt application events are defined and tracked by agencies. Using direct chloride concentration data, along with adjusted specific conductivity concentration data collected by the DRSCW, and USGS flow data, chloride loadings (in pound per day) were calculated for each watershed in the DRSCW study area. The calculated loadings were adjusted to account for variabilities in winter weather and salt application events and separately for summer and winter periods each year to allow for a comparison to be made year to year on chloride loading and concentrations in each watershed over the last decade.

**Presenter:** Dan Bounds & Eileen Kennedy, Baxter & Woodman

**4. NPDES Permit Special Conditions**

- **2020 Permit Negotiations** – IEPA has sent draft permits containing the negotiated special conditions to participating member POTWs. All members, with the exception of Wheaton SD, West Chicago Winfield Waste Water Authority, and Glendale Heights POTW, have elected to take the extension.
  - **“As soon as possible”** clause - The Board has authorized the Negotiations Team to hire Fredrick Andes of Barnes and Thornburg to review and offer advice of the use of this term in the TP special condition. *A call was held with Sanjay (IEPA) during the week of October 18-22, 2021 and the IEPA agrees that the “as soon as possible”*

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*language is not needed. The IEPA is scheduling a call with the US EPA to discuss removing the language from the permits.*

- **Fecal Coliform** - A table giving the WLA narrative and numbers for every member plant along with a methodology and calculator to generate said WLAs has been supplied to all members. The material has also been sent to IEPA.
- **Issued Permits** - Bartlett's permit has been issued and Bensenville's is on public notice (agreed with by Staff and IEPA).
- **MWRDGC** – An updated agreement has been signed by DRSCW and MWRD's Board.

**5. Physical Project Update (ongoing)**

- **Oak Meadows** – Post project biological sampling was completed in conjunction with the 2021 Bioassessment (Salt Creek).
- **Fawell Dam Modification**
  - **Design and Permitting**
    - DuPage County have responded with comments on the plan submitted to them on 8/5/2021. Replies to the issues raised are being formulated.
    - A draft MOU between the DRSCW, DC, and the FPDDC for the construction/maintenance/ownership of the ladder is under production. It will go to the Projects Committee for approval once all parties (DC, FPDDC and DRSCW) have agreed on the draft. The short and long-term ownership and maintenance of the fish ladder is a critical component of the MOU between the DRSCW, DC, and FPDDC.
    - Due to the production timeline, an order to purchase the fish ladder needs to be placed in order to ensure the ladder can be installed by December 31, 2022.
      - ✓ *S. Zehner made a motion to authorize the expenditure of up to \$700,000 for the purchase and installation of the ladder. This dollar value is within the budgeted amount for the Fawell Dam modification project as approved by General Membership in February 2021. Motion seconded by D. Streicher. Motion passed unanimously with two (2) abstentions.*
  - **Post Project Monitoring** – DRSCW is working with partners and BK Riverfish on a plan for post-project monitoring.
  - **Project Timeline**
    - The new permits push the construction completion deadline back to December 31, 2022.
    - 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.

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- **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** – No updates.
  - **News Articles** –No updates.
  - **HB0688** – No updates.
  - **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. This information was shared with staff on a conference call on July 23, 2021 and with FPDDC and MWRDGC staff at in-person meeting on September 30, 2021. A conference call was also held on October 15, 2021 with FPDDC staff to discuss the ecological management units within the project limits. Staff will schedule a meeting with the Project Committee to discuss results once comments received from the FPDDC and MWRDGC are integrated into the plan set.
      - Additional Survey Work – Additional survey work has been completed by Claassen White and Associates.
    - Visitor Experience/Recreational Amenities – The proposed design for the visitor experience and recreation amenities was presented to the FPDDC on September 20, 2021. Staff will schedule a meeting with the Project Committee to discuss results once comments received from the FPDDC and MWRDGC are integrated into the plan set.
      - A field inspection to collect site data and measurements to build a 3D model of the motor to turn the wheel and its placement within the basement of the Graue Mill was conducted on October 6, 2021. 3D Modeling is on-going.
    - Geotechnical Survey and Sediment Sampling – GSG has submitted a draft report summarizing the findings of the geotechnical and sediment characterization sampling that was conducted in May 2021 and findings are being incorporated into the project design.
      - Additional Sediment Characterization Sampling – During a draw down at the Graue Dam impoundment on October 6, 2021, additional sediment was collected from nineteen (19) of the boring locations and submitted to MicroBac for pH analysis. An additional ten (10) samples were submitted for analysis of pesticides by the TCLP method. The pH analysis and pesticides by TCLP analysis is needed to determine disposal classifications. Samples were collected by staff and a representative from Hey and Associates. Cost for pH

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is \$12 per sample and cost for the pesticides by TCLP is \$281.25 per sample. Total estimated cost of the additional sampling is \$3,040.50.

- *S. Zehner made a motion to authorize the expenditure of \$3,040.50 for the analysis of nineteen samples (19) for pH and ten (10) samples for herbicides by TCLP method collected at Fullersburg Woods. Motion seconded by L. Cox. Motion passed unanimously.*
  - Structural Analysis of the Dam – The structural analysis of the dam was conducted on May 27, 2021.
  - Floodwall Inspection – An inspection of the floodwall was conducted on May 27, 2021. A proposed plan for water proofing the floodwall with a liner protected by a geotextile fabric is being incorporated into the plan set.
  - HAER/HABS – Preliminary site inspection work for the HAER/HABS including photographs of the dam was conducted on May 27, 2021.
  - Permit Submittal – The preliminary design is expected to be completed in early November 2021. Requests for pre-application meeting have been submitted to all regulatory agencies. The FPDDC and MWRDGC will be invited to the pre-application meeting.
- **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** - MBI completed the third year of pre-project monitoring at the site in conjunction with the 2021 Salt Creek bioassessment.
- **Spring Brook Phase II** – Post project monitoring in the new channel has been completed at sites selected in coordination with the FPD staff (Fish sampling was completed on October 1 and 2, 2021). Data from the survey will be used in permit reporting by the FPDDC.
- **Lower East Branch** – A contract with Interfluve/AECOM not to exceed \$316,713 has been signed.
  - **Survey Work** – The HyDrone survey was completed the week of September 13-17, 2021. Survey and the geomorphic assessment started the week of September 28, 2021 and has been completed. Both Elmhurst Stone and the Independent Baptist Church granted access to the team.
  - **Wetland Delineation** – The wetland delineation started the week of September 28, 2021 and has been completed.
  - **Conceptual Designs** – *A meeting to discuss potential conceptual designs with landowners is being scheduled for early November 2021. Outcomes from this meeting will then be presented to the Project Committee for further discussion. If*

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*you are a landowner within the project corridor, please respond to the doodle poll emailed to you with your availability for the conceptual design meeting.*

- **Pre-project Monitoring** – MBI completed post project monitoring at eleven (11) sites between 75<sup>th</sup> 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.

- **Klein Creek Streambank Stabilization Project**

- **MOU Agreement** – Staff from Carol Stream and the DRSCW have developed a draft MOU agreement. The draft MOU was sent to the Project Committee for review and approval with comments due from the Project Committee on October 20, 2021. Once all comments from the Project Committee are incorporated into the documents and agreed to by Carol Stream, the MOU will be provided to the Executive Board for review and signature. In addition to the DRSCW funds, the Village has been awarded a 319 grant by the IEPA.
  - ✓ *S. Zehner made a motion to authorize the Project Committee and the Executive Board to enter into a MOU (signed by the President and Secretary) with Carol Stream and authorize the expenditure of not-to-exceed \$1,100,000 for the river resource quality elements of the Klein Creek streambank stabilization project. Motion seconded by D. Streicher. Motion passed unanimously with two (2) abstentions. This dollar value is within the budgeted amount for the Southern West Branch Stream Restoration Project as approved by General Membership in February 2021.*
- **Project Design** – Carol Stream and ERA (the design consultant) met with DRSCW staff on September 16, 2021 to share the 50% Plans for the project. The project's design plans will be shared with the Project Committee at the time the MOU agreement (see bullet above) is submitted for review and approval.

**6. Physical Project Update (not yet started)**

- **Project Evaluation Matrix** – A matrix is being developed for scoring future projects for possible funding via the Special Condition or NIP funds. The draft Matrix was presented to the Projects Committee for their review at their June 3, 2021 meeting. Staff is incorporating the Project Committee's comments/suggestions and will share the updated Matrix with the Project Committee via email for review/comment.

**7. Nutrient Implementation Plan (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 2021 NLRS Conference and Policy Working Group will be held virtually on November 10, 2021. Details and registration can be found at the above link.
- **IWEA NARP Workshop** – A lunch & learn on entitled “Case Studies on Developing a Nutrient Assessment Reduction Plan was held on October 6, 2021 from 10:00am-11:30am.
- **NIP Consultant** – A general services agreement for assistance with preparation of the NIP was executed with TetraTech.
  - **Work Order 1** – Work Order 1 with a not to exceed value of \$4,000 was executed. Work covered under this task includes reviewing the literature and models being developed as part of the Nonpoint Source Phosphorus Feasibility Analysis.
- **Trading Analysis**  
Point Source (PS) to PS Trading – No update at this time.  
  
Stream Crediting Trading – No update at this time.  
  
USEPA National Water Quality Trading Policy – An updated USEPA policy on trading is expected to be released in 2021. Once posted, the USEPA will seek comment on the policy for 90-120 days.
- **Related to Nutrient Trading** – As they are completed, please submit PDOPs and FSs to DRSCW staff.
- **QUAL Model Update**
  - Model calibration and sensitivity analysis is complete for the East Branch DuPage River, Salt Creek, West Branch DuPage River, and Lower DuPage River.
  - 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. These results will be shared with the Project Committee at an upcoming meeting. These same

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scenarios will also be run on the Salt Creek, East Branch, and Lower DuPage models.

- Model runs depicting the removal of the Hammel Woods Dam (Lower DuPage River) and Graue Mill Dam (Salt Creek) are being finalized. The models with the dams removed will then serve as the “baseline” model for all subsequent model scenarios.
- Thanks to DuPage County Stormwater for supplying FEQ and GIS files for use in the project.
- *A no-cost contract extension was signed with Tetra Tech to extend the end date of the contract from December 31, 2021 to June 30, 2022.*

- **Non-Point Source Phosphorus Feasibility Analysis**

- **Questionnaire** – The questionnaire has been forwarded to all members of the DRSCW and LDRWC to obtain information about their leaf collection and street sweeping programs. Over 55 completed questionnaires have been received to date (10/14/2021). The date given to entities to get the responses in was Friday, August 13, 2021.
  - Thank you to DC SWM for assisting with the dissemination of the questionnaire to DuPage County Communities.
- **Study philosophy** – Work on a narrative, setting out the arguments for the non-structural approach, is ongoing.
- **Minnesota Street Sweeping Phosphorus Credit Tool** – Data obtained from the questionnaires is being entered into the Street Sweeping Phosphorus Credit Tool developed by the Minnesota Pollution Control Agency (MPCA). Due to the nature of the Tool’s data requirements, the results will need to be adapted based on Minnesota data sets.
- **Estimation of Phosphorus Captured by Leaf Litter Collection** – This work is ongoing.
- **Contract** – A contract was executed with Baxter and Woodman for their assistance with the NPS Phosphorus Feasibility Analysis which is due to IEPA by December 31, 2021. The report will include the results of the GIS leaf litter analysis, the questionnaires, a review of the empirical data and recommendations for future analysis.
- **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.



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- **IPS Model Update**

- The updated 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>
- 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 now 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** – *Staff scheduled the IPS Power BI training with MBI for December 9-10, 2021. DRWW, NBWW, LDWG, and LDWRC will be invited to attend.*
- **Level of Rigor Analysis** – No update at this time.

8. **Springfield Regulatory and Legislative Updates** – S. McCracken and D. Doohaluk will schedule a visit to the IEPA for Winter 2021 once the 2020 permit language has been finalized (see #6 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 (data on principle outputs has already been supplied).
- **West Branch Bioassessment** – MBI is working on completing the 2020 DRAFT Bioassessment report (data on principle outputs has already been supplied).
- **Salt Creek Bioassessment** – Both the Biological and Chemical Surveys are near completion; survey includes Fullersburg Woods and Oak Meadows. Sediment sampling started on October 18, 2021.

10. **Monitoring (non-Bioassessment)**

- **Fecal Coliform Sampling** – Summer Fecal coliform sampling has been completed on Salt Creek in 2021 (MS4 program support).
- **Continuous DO Monitoring** – 2021 Continuous DO monitoring is ongoing.
  - Staff is recommending that sondes be 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 be used for future water quality model calibrations.

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- **Conductivity Monitoring** – 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 will be collected at the winter conductivity sites to further refine the existing linear relationship curves for chloride and conductivity.
- **New 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, 2021 and the public notice closed on October 1, 2021. There are significant changes to Part IV. Stormwater Management Programs. M.B. Falsey provided an update on the proposed changes to the ILR40 permit which focused on tracking and reporting of education measures. DC SWM submitted comments on the draft to the IEPA. TCF also submitted comments on educational components of the draft permit. The draft ILR40 can be viewed at: <https://www2.illinois.gov/epa/public-notice/Pages/npdes-individual-notices.aspx>

## **11. Chlorides**

- **Workshops** – Dates for the 5 virtual workshops are below. All workshops were staffed, advertised, hosted and financed jointly with partners (DuPage, Will, Lake Counties and respective watershed groups). Cost was \$45 per link. Using data collected via online polls conducted during the workshops, over 939 individuals attended with 743 at the Public Roads and 196 at the Parking Lots & Sidewalks. Dates on which workshops were held were:
  - Tuesday, September 28, 2021 – Parking Lots & Sidewalks
  - Thursday, September 30, 2021 - Public Roads
  - Tuesday, October 5, 2021 - Public Roads
  - Thursday, October. 7, 2021 – Parking Lots & Sidewalks
  - Tuesday, October 12, 2021 - Public RoadsA mixed response was given to whether or not the workshops should continue virtually or held in person. Moving forward, staff will consider if both in-person and virtual workshops will be held. If the virtual workshops continue, it may be valuable to offer a recorded version of the workshop, even for a limited time, to all registered agencies. This would allow flexibility in allowing all staff to participate in the training sessions.
- **Salt Management Questionnaire** – The 2020-2021 Chloride Management BMP questionnaire will go out in early November 2021. It was on hold while the leaf litter street sweeping questionnaire was still in circulation.
- **Loading analysis.**

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- **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.
- **TLWQS for Chlorides** – The approval of the TLWQS for chlorides is on the agenda for the IPCB in 2021.
- **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** – Additional agencies will be identified for sampling of chloride in Spring 2022 at their “first sweep” of the year.
- **Tollway Grant** – The Village of Itasca has asked for assistance in developing a grant application for the Tollway Chloride Reduction Grant.
  - *L. Cox made a motion to authorize the expenditure of \$3,000 to contract with Scott Weber, former Street Supervisor for Hanover Park, to assist the Village of Itasca with the preparation of their grant application. This expenditure will be funded via the chloride line item in the budget. Motion seconded by G. Ulrich. Motion passed unanimously with two (2) abstentions.*

## **12. 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 WRI is under development. The draft WRI is due to the IEPA on January 31, 2022. *A draft is expected to be completed in early/mid December 2022 and will be shared with the USCWPC.*
  - **Quarterly Reporting** – *Quarterly reports are being submitted as required by the contract. The most recent quarterly report was submitted to the IEPA on October 15, 2021.*
  - **Upper Salt Creek Watershed Planning Council (USCWPC)** -- The first meeting of the USCWPC was held at 3:00pm on October 14, 2021 via Zoom. The next meeting of the USCWPC is scheduled for January 11, 2022 at 11am.
  - **Website** – *The project website is live at <https://www.uppersaltcreek.com/>*
  - **Interactive Web Map** – *The website includes an interactive web map where all watershed stakeholders can denote areas of concerns (erosion, flooding, etc), existing BMP locations, and future BMP locations. A video on the website provides instructions on how to use the interactive web map.*
- **East Branch DuPage Watershed-Based Plan (DuPage County Stormwater)** – Staff supplied an overview on DRSCW monitoring in the East Branch River Watershed for

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inclusion in the plan. Staff is preparing a list of projects to be included in the plan. DC SWM has been awarded a grant extension to the end of 2022 from the IEPA.

- **Website** – No update at this time.
- **Coal-Tar Sealants Update**
  - **SB 0692** – Illinois has passed Senate Bill 0692- Coal Tar Sealant Disclosure. Senate Bill 0692 requires disclosure of coal tar use on public school/district properties and disclosure of use on all state agency properties. Public schools, public school districts, or day cares must provide written or telephone notification to all parents and guardians of students and employees prior to any application of coal-tar sealants or high polycyclic aromatic hydrocarbon (PAH) sealants. The act details what needs to be included in the notification including a description of health hazards associated with coal-tar and high PAH sealants. SB 0692 also requires that all state agencies who are soliciting a bid for coal-tar or high PAH sealants also solicit a bid for alternative asphalt-based or latex-based sealants and the asphalt-based or latex-based sealants should be utilized in the cost is equal to or less than a coal-tar or high PAH sealant. 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**
    - Lockport has passed a ban on coal tar sealants.
    - The City of Warrenville is considering a ban of coal tar sealants.
- **ACOE DuPage River Feasibility Study** – No update at this time.
- **Newsletter** – A draft Fall 2021 newsletter is under development.
- **Utility Management** – No update at this time.
- **Bacteria on Salt Creek** – Staff revisited the impacted area on Salt Creek and observed no traces of “sewer fungus” during the Summer 2021.

**13. Business Items (new business)**

- **Invoice Payments from August 1, 2021 to September 30, 2021**

<b>Vendor/Project</b>	<b>Invoice Number</b>	<b>Amount (\$)</b>	<b>Status</b>
Baxter & Woodman - CL Study	223644	847.50	Paid
Baxter & Woodman - CL Study	224249	1820.00	Paid
ETP Labs - Fecal Coliform Analysis	21-52547	245.00	Paid
ETP Labs - Fecal Coliform Analysis	21-52551	735.00	Paid
Hey & Assoc. - Fullersburg Dam	13589	14,880.55	Paid
Hey & Assoc. - Fullersburg Dam	13723	33,844.33	Paid
IL Charity Bureau - IL Tax Return	N/A	15.00	Paid

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Lauterbach & Amen - Tax Returns	55725	1,030.00	Paid
Microbac - Salt Creek Chemical	9 invoices	24,120.00	Paid
Microbac - Street Sweeping CL Sampling	LA1G00879	50.00	Paid
Microbac - Springbrook Sampling	LA1H00071	153.75	Paid
Microbac - NIP Expanded DO	2 invoices	1,978.00	Paid
Microbac - Salt Creek Chemical	3 invoices	11,985.00	Paid
MBI - Salt Creek Bioassessment	1908	33,118.38	Paid
TetraTech - QUAL2kw	51760969	17,118.75	Paid
TetraTech - QUAL2kw	51771571	13,477.50	Paid
The Conservation Fdn - Jan - April	12624	8,644.70	Paid
The Conservation Fdn - May - June	12654	3,840.32	Paid
The Conservation Fdn - Interns July - Aug 15	12675	7,199.63	Paid
Univ. of Washington - NIP Expanded Monitoring	OTS2506	1,292.18	Paid
V3 Companies - Fawell Dam	721389	5133.15	Paid

- **Financial reports through September 30, 2021** (Attachment 2).
- **Membership Dues Payments Update (through September 30, 2021))** (Attachment 3).
  - Invoices have been re-sent to agency members with outstanding dues.

#### **14. Presentations and Workshops**

- August 12, 2021 – You have a NARP, Now What? IWEA Watershed Committee Webinar (S. McCracken, panel facilitator)

#### **15. Other Business**

- **FY22 Section 319(h) Notice of Funding Opportunity (NOFO)** – Section 319(f) NOFO and grant application has been published. Grant applications are due on November 16, 2021. More details can be found at: <https://www2.illinois.gov/epa/topics/water-quality/watershed-management/nonpoint-sources/Pages/grants.aspx>
- **FY21 Section 604(b) NOFO** – Section 604(b) NOFO and grant applications have been published. Grant applications are due on October 20, 2021. More details can be found at: <https://www2.illinois.gov/epa/topics/water-quality/watershed-management/wqmp/Pages/grants.aspx>
- **DuPage County Water Quality Improvement Program (WQIP) Grant Applications** – DC SWM is accepting WQIP grant applications. Applications are due January 7, 2022. More details can be found at: [https://www.dupageco.org/EDP/Stormwater\\_Management/Stormwater\\_Management\\_News/2021/65341/](https://www.dupageco.org/EDP/Stormwater_Management/Stormwater_Management_News/2021/65341/)

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- **Hammel Woods Dam Removal Video** --  
<https://www.youtube.com/watch?v=9ELAFKVxpEw>
- **PDHs** – PDH certificates for attendance at DRSCW meeting will be emailed in November 2021. The DRSCW is also investigating getting meetings certified as CEUs for Wastewater Operator Certification requirements.

**16. Workgroup Meeting Schedules**

December 8, 2021 from 9AM-11AM  
February 23, 2022 from 9AM-11AM  
April 27, 2022 from 9AM-11AM  
June 29, 2022 from 9AM-11AM  
August 31, 2022 from 9AM-11AM  
October 26, 2022 from 9AM-11AM  
December 7, 2022 from 9AM-11AM

*S. Baert made a motion to adjourn at 10:59am. The motion was seconded by S. Zehner.*

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also spoke on their equipment and its capabilities. *A recording of the webinar is available on the DRSCW YouTube channel at*

*<https://www.youtube.com/watch?v=NJS5ibDLxe8>*

- **Issued Permits** – No update
- **MWRDGC** – The updated agreement has been signed by all parties.

**5. Physical Project Update (ongoing)**

- **Oak Meadows** – Post project biological sampling was completed in conjunction with the 2021 Bioassessment (Salt Creek).
- **Fawell Dam Modification**
  - **Design and Permitting**
    - Potential Project Design Modifications – V3's structural engineer is proposing installing a 7-8 inch concrete wall inside the culvert to hold the ladder in place. Details on the design and constructability of this wall will be discussed at an upcoming Project Committee meeting.
    - DuPage County has responded with comments on the plan submitted to them on 8/5/2021. Replies to the issues raised are being formulated.
    - MOU – A very rough draft for an MOU between the DRSCW, DC, and the FPDDC for the construction/ maintenance/ownership of the fish ramp has been sent to senior staff at DuPage County Stormwater. Items that need to be decided include responsibilities for the physical maintenance of the site. Once plausible scenarios have been agreed on they will be brought to the Projects Committee for review. The short and long-term ownership and maintenance of the fish ladder is a critical component of the MOU between the DRSCW, DC, and FPDDC.
  - **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 been placed.
    - The new permits push the construction completion deadline back to December 2022.
    - 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.

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- Final Engineering and Preparation of Contract Bid Documents – On-going. See details below.
- **Partner Outreach** – No updates.
- **News Articles** –No updates.
- **HB0688** – No updates.
- **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. This information was shared with staff on a conference call on July 23, 2021 and with FPDDC and MWRDGC staff at an in-person meeting on September 30, 2021. A conference call was also held on October 15, 2021 with FPDDC staff to discuss the ecological management units within the project limits. Staff will schedule a meeting with the Project Committee to discuss results once comments received from the FPDDC and MWRDGC are integrated into the plan set.
    - Additional Survey Work – Additional survey work has been completed by Claassen White and Associates.
  - Visitor Experience/Recreational Amenities – The proposed design for the visitor experience and recreation amenities was discussed with the FPDDC on September 20, 2021 and November 22, 2021. A meeting with the IL SHPO is being scheduled to discuss the design plan for the visitor experience and recreation amenities. Staff will schedule a meeting with the Project Committee to discuss results once comments received from the FPDDC, MWRDGC, and IL SHPO are integrated into the plan set.
    - A field inspection to collect site data and measurements to build a 3D model of the motor to turn the wheel and its placement within the basement of the Graue Mill was conducted on October 6, 2021. 3D Modeling is complete and has been review by the Project’s mechanical, electrical, and plumbing engineer. Based on the MEP engineer review, the installation of the motor appears feasible.
  - Geotechnical Survey and Sediment Sampling – GSG has submitted a draft report summarizing the findings of the geotechnical and sediment characterization sampling that was conducted in May 2021 and findings are being incorporated into the project design.
    - Additional Sediment Characterization Sampling – During a draw down at the Graue Dam impoundment on October 6, 2021, additional sediment was collected from nineteen (19) of the boring locations and submitted to MicroBac for pH analysis. An additional ten (10) samples were submitted for analysis of pesticides by the TCLP method. The pH analysis and pesticides by TCLP analysis is needed to determine disposal classifications. Samples were



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collected by staff and a representative from Hey and Associates. pH in the collected samples ranged from 7.17 to 8 and all samples were non-detect for TCLP analysis for chlordane and heptachlor epoxide.

- **Structural Analysis of the Dam** – The structural analysis of the dam was conducted on May 27, 2021.
- **Floodwall Inspection and Repairs** – An inspection of the floodwall was conducted on May 27, 2021. A proposed plan for water proofing the floodwall with a liner protected by a geotextile fabric is being incorporated into the plan set.
- **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** – The project will require, at a minimum, permits from the DuPage County Stormwater Management (DC SWM) and the US Army Corps of Engineers (US ACOE)
  - **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 is scheduled for December 2, 2021.
  - **Permit Submittal** – The preliminary design is expected to be completed in December. Once complete, a pre-application meeting will be scheduled with all regulatory agencies.
- **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** - MBI completed the third year of pre-project monitoring at the site in conjunction with the 2021 Salt Creek bioassessment.
- **Spring Brook Phase II** – Post project monitoring in the new channel has been completed.
- **Lower East Branch** – A contract with Interfluve/AECOM not to exceed \$316,713 has been signed.
  - **Final Engineering and Preparation of Contract Bid Documents**
    - **Survey Work** – The Hydrone survey was completed the week of September 13-17, 2021. The survey and geomorphic assessment started the week of September 28, 2021 and is complete. Both Elmhurst Stone and the Independent Baptist Church granted access to the team.
    - **Wetland Delineation** – The wetland delineation started the week of September 28, 2021 and field work is complete.

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- **Conceptual Designs** – A meeting to discuss preliminary design concepts was held on November 9, 2021 with Interfluve. In attendance at the November 9, 2021 meeting were the City of Naperville, Naperville Park District, Bolingbrook Park District, Forest Preserve District of Will County, and representatives of the DRSCW Executive Board. A second meeting with landowners/stakeholders to discuss the conceptual designs is being scheduled for December 16, 2021. Concept designs will be discussed with the Project Committee at an upcoming meeting.
- **Pre-project Monitoring** – MBI completed monitoring at eleven (11) sites between 75<sup>th</sup> 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.
- **Klein Creek Streambank Stabilization Project**
  - **MOU Agreement** –The draft MOU was reviewed by the Project Committee and comments received were incorporated into the document. At the November 30, 2021 Projects Committee meeting, the Committee recommended to submit the revised MOU to the DRSCW Executive Board for signature. In addition to the DRSCW funds, the Village has been awarded a 319 grant by the IEPA.
  - **Project Design** – Carol Stream and ERA (the design consultant) met with DRSCW staff on September 16, 2021 to share the 50% Plans for the project.

**6. Physical Project Update (not yet started)**

- **Project Evaluation Matrix** – A matrix is being developed for scoring future projects for possible funding via the Special Condition or NIP funds. The draft Matrix was presented to the Projects Committee for their review at their June 3, 2021 meeting. Staff is incorporating the Project Committee's comments/suggestions and will share the updated Matrix with the Project Committee via email for review/comment.

**7. Nutrient Implementation Plan (NIP)**

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

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- The 2021 NLRS Conference and Policy Working Group was held virtually on November 10, 2021.
- **IWEA NARP Workshop** – A lunch & learn entitled “Case Studies on Developing a Nutrient Assessment Reduction Plan” was held on October 6, 2021 from 10:00am-11:30am.
- **NIP Consultant** – A general services agreement for assistance with preparation of the NIP was executed with TetraTech.
  - **Work Order 1** – Work Order 1 with a not to exceed value of \$4,000 was executed. Work covered under this task includes reviewing the literature and models being developed as part of the Nonpoint Source Phosphorus Feasibility Analysis.
- **Trading Analysis**  
Point Source (PS) to PS Trading – No update at this time.  
  
Stream Crediting Trading – No update at this time.  
  
USEPA National Water Quality Trading Policy – An updated USEPA policy on trading is expected to be released in 2021. Once posted, the USEPA will seek comment on the policy for 90-120 days.
- **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.
  - **Dam Removal Scenarios** – Model runs depicting the removal of the Hammel Woods Dam (Lower DuPage River) and Graue Mill Dam (Salt Creek) are being finalized. The models with the dams removed will then serve as the “baseline” model for all subsequent model scenarios. These results were shared with the Project 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

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DuPage models. These results were shared with the Project Committee at their November 30, 2021 meeting.

- **Other Scenarios** – The Project Committee identified several potential scenarios that could be beneficial to our NIP/NARP development. Staff will present these recommendations to Tetra Tech at their monthly call on December 7, 2021 to discuss how best to evaluate these scenarios.
- **Non-Point Source Phosphorus Feasibility Analysis**
  - **Analysis of Street Sweeping and Leaf Litter Collection Practices**
    - Questionnaire – Over 55 completed questionnaires were received. Thanks to all members who completed it.
      - Thank you to DC SWM for assisting with the dissemination of the questionnaire to DuPage County Communities.
    - Literature Review on Total Phosphorus Removal by Street Sweeping and Leaf Litter Collection– Work on the literature review is complete.
    - Minnesota Street Sweeping Phosphorus Credit Tool – Data obtained from the questionnaires is being entered into the Street Sweeping Phosphorus Credit Tool developed by the Minnesota Pollution Control Agency (MPCA). An analysis co-efficient has been developed to better calculate the amount of total phosphorus being captured by street sweeping than just using lane miles within the Crediting Tool.
    - Estimation of Phosphorus Removed by Leaf Litter Collection – This work is complete.
    - Final Report – Report drafts were provided to Staff on November 19, 2021 and November 24, 2021. Staff reviewed the draft reports and provided comments to Baxter & Woodman. A call to discuss the comments was held on December 1, 2021. *Following this call, Baxter and Woodman finalized the draft report which was provided to staff on December 6, 2021.*
      - Review by the Project Committee – A presentation of the methodology and findings was made to the Projects Committee on December 11. The draft final report will be provided to the Project Committee for review no later than December 8, 2021. Comments from the Project Committee will be due by December 15, 2021. Comments will be incorporated into the report and the final report prepared.
      - Submittal to the IEPA – The final report will be submitted to the IEPA by its due date of December 31, 2021.

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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** – 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 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>
  - 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 now 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** – Training is scheduled for January 13 and 14, 2022. *This training is being coordinated with the LDWRC, DRWW, and NBWW.*
  - **Level of Rigor Analysis** – No update at this time.
- 8. **Springfield Regulatory and Legislative Updates** – S. McCracken and D. Doohaluk will schedule a visit to the IEPA for Winter 2021/2022 once the 2020 permit language has been finalized (see #6 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 (data on principle outputs has already been supplied).
- **West Branch Bioassessment** – MBI is working on completing the 2020 DRAFT Bioassessment report (data on principle outputs has already been supplied).
- **Salt Creek Bioassessment** – Both the Biological and Chemical Surveys are near completion; survey includes Fullersburg Woods and Oak Meadows. Sediment sampling started on October 18, 2021 and will be completed the week of December 6-10, 2021.

**10. Monitoring (non-Bioassessment)**

- **Fecal Coliform Sampling** – Summer Fecal coliform sampling has been completed on Salt Creek in 2021 (MS4 program support).
- **Continuous DO Monitoring** – 2021 Continuous DO monitoring is ongoing.

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- Staff is recommending that sondes be 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 be used for future water quality model calibrations.
- **Conductivity Monitoring** – 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 will be collected at the winter conductivity sites to further refine the existing linear relationship curves for chloride and conductivity.
- **New 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, 2021 and the public notice closed on October 1, 2021. There are significant changes to Part IV. Stormwater Management Programs. Comments were submitted by DC SWM and TCF. The IEPA will complete their review of their comments and will revise the draft permit by the end of 2021. 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-notice/Pages/npdes-individual-notices.aspx>

## **11. Chlorides**

- **Workshops** – DRSCW, TCF, and Lake County staff met on November 4, 2021 for a post-workshop discussion. It was agreed that splitting the tasks between the groups was successful and will be continued next year for online workshops. In-person workshops may also be held for attendees who prefer that workshop format. The workshops netted \$518 each for the participating groups, DRSCW, LDRWC, LDWG, and TCF. Lake County SWM and Health Dept. both refused their portions of the net income.
- **Winter Technical Briefs** – All winter technical briefs were staffed, advertised, and hosted by the DRSCW, LDRWC, LDWG, and TCF. Registration for the winter technical briefs was free. Dates/topics of the technical briefs were as follows:
  - Tuesday, November 9, 2021 at 8-8:45am – Reducing Salt with Organics – The Boost and Reduce Method – Cancelled due to Comcast outage and was rescheduled to December 7, 2021 from 8-8:45am.
  - Tuesday, November 16, 2021 at 8-8:45am – More About Brine Making

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- Tuesday, November 30, 2021 at 8-8:45am – Effective Snow and Ice Removal Communication with Residents

*Recordings of the winter technical briefs can be found at:*

<https://saltsmart.org/workshops/>

- **Calibration Workshop** – The DRSCW and DuPage County DOT hosted a calibration workshop on November 19, 2021. The demonstration was on a Force Am truck outfitted with a spreader system with digital controls and an open loop system. Calibration was shown for dry rock salt, wetted salt and liquids. Fourteen persons from eight agencies attended. Thanks to County DOT for hosting and doing the training.
- **Salt Management Questionnaire** – The 2020-2021 Chloride Management BMP questionnaire will be sent out presently. It was on hold while the leaf litter street sweeping questionnaire was still in circulation.
- **Loading analysis** – Is currently in the report writing phase. Program will be ongoing and may look at trying to extend analysis further into the past.
- **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.
- **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 order for the TLWQS for chlorides has been issued by the IPCB. The next step is for the IEPA to begin including the TLWQS in permits. Facilities are also starting to implement the TLWQS requirements. A TLWQS for chlorides is not applicable to the DRSCW watersheds as we are managing chlorides via our TMDL implementation plans.
- **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** – no update.
- **Tollway Grant** – A kickoff meeting with the Village of Itasca was held on October 11, 2021. Itasca is reviewing their snow plan and equipment as part the grant application development.

## **12. Other Activities**

- **Upper Salt Creek Watershed Based 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.

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- **Water Resources Inventory (WRI)** – The WRI is under development. The draft WRI is due to the IEPA on January 31, 2022.
- **Quarterly Reporting** – The quarterly report was submitted to the IEPA on October 15, 2021. The next quarterly report is due on January 15, 2022.
- **Upper Salt Creek Watershed Planning Council (USCWPC)** – The first meeting of the USCWPC was held at 3:00pm on October 14, 2021 via Zoom. The next meeting of the stakeholder group is scheduled for January 11, 2022 at 1pm via Zoom.
- **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 is preparing a list of projects to be included in the plan. DC SWM has been awarded a grant extension to the end of 2022 from the IEPA.
- **Website** – No update at this time.
- **Coal-Tar Sealants Update**
  - **SB 0692** – Illinois has passed Senate Bill 0692- Coal Tar Sealant Disclosure. Senate Bill 0692 requires disclosure of coal tar use on public school/district properties and disclosure of use on all state agency properties. Public schools, public school districts, or day cares must provide written or telephone notification to all parents and guardians of students and employees prior to any application of coal-tar sealants or high polycyclic aromatic hydrocarbon (PAH) sealants. The act details what needs to be included in the notification including a description of health hazards associated with coal-tar and high PAH sealants. SB 0692 also requires that all state agencies who are soliciting a bid for coal-tar or high PAH sealants also solicit a bid for alternative asphalt-based or latex-based sealants and the asphalt-based or latex-based sealants should be utilized in the cost is equal to or less than a coal-tar or high PAH sealant. 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**
    - Lockport has passed a ban on coal tar sealants.
    - The City of Warrenville is considering a ban of coal tar sealants.
- **ACOE DuPage River Feasibility Study** – No update at this time.
- **Newsletter** – A draft Summer/Fall 2021 newsletter *is complete and will be mailed/immediately in December 2021.*
- **Utility Management** – No update at this time.
- **Bacteria on Salt Creek** – Staff revisited the impacted area on Salt Creek and observed no traces of “sewer fungus” during the Summer 2021.



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**13. Business Items (new business)**

• **Invoices for Approval – October 1, 2021 to October 31, 2021**

Invoice Payments from October 1, 2021 to October 31, 2021

<b>Vendor/Project</b>	<b>Invoice Number</b>	<b>Amount (\$)</b>	<b>Status</b>
Baxter & Woodman - CL Study	226196	2140	Paid
Hey & Assoc. - Fullersburg Dam	13838	7,762.92	Paid
Hey & Assoc. - Fullersburg Dam	13924	26,751.35	Approved
Hey & Assoc. - Upper Salt Creek Watershed Plan	13864	1,435.00	Approved
Hey & Assoc. - Upper Salt Creek Watershed Plan	13970	702.50	Approved
Microbac - Salt Creek Chemical	5 invoices	12,125.00	Paid
Microbac - Reference Sites	2 invoices	884.00	Paid
Microbac - Expanded DO Monitoring	4 invoices	4,340.00	Paid
Microbac - Expanded DO Monitoring	LA1J00037	287.00	Approved
Microbac - Fullersburg Woods Sediment	LA1J00697	1,713.00	Approved
MBI - WBDR 2020 Assessment	1916	6,532.44	Paid
IL Secretary of State - Annual Report	N/A	10.00	Paid
TetraTech - QUAL2kw	51780360	3,675.00	Paid
TetraTech - QUAL2kw	51800420	4,068.75	Approved
The Conservation Foundation - Interns - June	12655	2,384.38	Paid
UW Oceanography Marine Lab - ChlorophyllA	OTS2521	526.44	Paid
V3 Companies - Fawell Dam	821412	9,278.15	Paid
V3 Companies - Fawell Dam	921367	5,127.96	Paid

- **Financial reports through October 31, 2021** (Attachment 2).
- **Membership Dues Payments Update (through November 30, 2021)** (Attachment 3).
  - Agency member dues have all been paid.
- **Slate of officers and Members-at-Large FYE 2022 (for approval at Annual Meeting)**
  - President – Dave Gorman, Village of Lombard
  - Vice President – Sue Baert, Wheaton Sanitary District
  - Secretary – Treasurer – Rick Federighi, Village of Addison
  - At Large – Mary Beth Falsey, DuPage County
  - At Large – Adam Gronski, MWRDGC
  - At Large – Amy Underwood, Downers Grove Sanitary District
  - At Large – Steve Zehner, Robinson Engineering, Inc.

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- **Bylaws Change (proposal to add two (2) At-Large Seats to the DRSCW Executive Board)**
  - Proposed changes to the bylaws that allow the addition of two Executive Board Members are shown in Attachment 4. These proposed changes will be voted on at the annual meeting.

**14. Presentations and Workshops**

- December 1, 2021 – Wrestling with Chlorides in NE Illinois, Wisconsin DNR Chloride Working Group (S. McCracken)

**15. Other Business**

- **DuPage County Water Quality Improvement Program (WQIP) Grant Applications** – DC SWM is accepting WQIP grant applications. Applications are due January 7, 2022. More details can be found at:  
[https://www.dupageco.org/EDP/Stormwater\\_Management/Stormwater\\_Management\\_News/2021/65341/](https://www.dupageco.org/EDP/Stormwater_Management/Stormwater_Management_News/2021/65341/)
- **Beyond the Basics** – The Beyond the Basics conference is scheduled for February 24, 2021 via Zoom. The focus of the conference is “Weathering the Storm: Building Resilient Communities Through Design”. For those interested, a call for abstracts has been released and abstracts are due December 17, 2021. Registration can be found here: [https://us02web.zoom.us/webinar/register/WN\\_nUK16fOETUO4\\_9IRKIU\\_eA](https://us02web.zoom.us/webinar/register/WN_nUK16fOETUO4_9IRKIU_eA)
- **PDH certifications for DRSCW Meetings from December 2020 to October 2021**– PDH certifications have been mailed to all meeting attendees.

**16. Workgroup Meeting Schedules**

February 23, 2022 from 9AM-11AM  
April 27, 2022 from 9AM-11AM  
June 29, 2022 from 9AM-11AM  
August 31, 2022 from 9AM-11AM  
October 26, 2022 from 9AM-11AM  
December 7, 2022 from 9AM-11AM

*J. Hammer made a motion to adjourn the meeting at 10:45am. The motion was seconded by G. Ulreich.*