

**DuPage River Salt Creek Workgroup**  
**Via Zoom Webinar**  
**April 29, 2020**  
**9:00-11:00 AM**  
**Membership Meeting Minutes**

ATTACHMENT 1.

**Please register in advance for this webinar at  
[https://zoom.us/webinar/register/WN\\_IQEGH\\_nWR460ppjf-BXxxA](https://zoom.us/webinar/register/WN_IQEGH_nWR460ppjf-BXxxA)**

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

1. **Approval of February 26, 2020 meeting minutes** (Attachment 1). *D. Streicher made a motion to approve the minutes. S. Zehner seconded the motion. The motion passed unanimously.*
  
2. **Presentation: The Survivability of the COVID-19 Virus in Air, Water, Wastewater, and Various Surfaces**  
**Presenter: Charles P. Gerba, Professor of Epidemiology and Bio-statistics in the Department of Environmental Science. University of Arizona.**
  
3. **Presentation: Conserving riverine fish populations in dammed rivers: maintaining population connectivity using upstream fish passage at barriers**  
National reviews conclude riverine fishes are the most threatened group of freshwater fishes in the USA. Dams and culverts on streams can create a barrier to upstream migrations by riverine fish, and thus, break a population's connectivity, creating up and downstream segments divided by the barrier. This situation results in a dis-functional non-adaptive life-history. The new upstream fish ladder invented by BK-Riverfish, llc is a relatively inexpensive modular technical fish ladder designed to pass diverse riverine fishes with poor-moderate swimming abilities over dams or through culverts. This presentation provides information on the ladder, performance of the 73-ft-long prototype ladder at Stockdale Mill Dam, Eel River, IN, and the suitability of the ladder to pass migratory fish species upstream at the Falwell Dam-culvert system.  
**Presenter: Dr. Boyd Kynard, BK RiverFish**
  
4. **TMDL Update** – No update at this time. This work has been completed and the item will be removed from the agenda following the April 2020 General Membership Meeting.
  
5. **NPDES Permit Special Conditions**
  - **NPDES Permits and Reporting**
    - **2019 Special Condition Annual Report** – The 2019 Annual Report has been completed and can be found on the DRSCW website at <https://drscw.org/activities/project-identification-and-prioritization-system/>
    - **2020 Permit Negotiations** – On March 11, 2020 staff met with Kim Knowles (Prairie Rivers Network (via phone)), Cindy Skrukud (Sierra Club), Albert Ettinger (council for EAGs). The EAGs requested additional information on the IPS model, draft permit language, and potential future projects. The Negotiations Team and Staff are

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preparing these documents and will share with Special Condition holders once complete.

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

- **Oak Meadows** – Biological sampling for 2019 is complete. MBI has prepared a detailed report on the pre and post project monitoring at Oak Meadows. This report can be found as Attachment 3 of the 2019 Annual Report (link provided above).
  
- **Fawell Dam Modification**
  - On March 3 & 4, 2020 Dr. Boyd and Brian Kynard from BK Riverfish met with the Project Team (staff, consultants from V3, and staff from the FPDDC). Their visit included two (2) visits to the Fawell Dam and a meeting with the IDNR, FPDDC and DC SWM staff. Based on the information learned during the BK Riverfish visit, the Project Team feels that the ladder is a potential option for fish passage at the Fawell Dam. Several steps still need to be taken before committing to the concept. These include working through Fawell Dam specific design constraints (impact of downstream riffle, location of ladder entrance and exit, flood gate consideration, hydraulic impact, maintenance consideration, etc.) and then proceeding with securing permits from IDNR-OWR, USACE, and DuPage County. Work on these constraints is ongoing.
  
- **Graue Mill Dam**
  - **Project Schedule** – Due to the COVID-19 restrictions, the project has been delayed. Details on the various tasks are provided below.
  - **Survey/WOTUS** – All fieldwork is completed (bathymetric and topographic survey, sediment sampling, and wetland delineation). AECOM/AES submitted the Wetland Report to the ACOE and DuPage County on February 3, 2020. DRSCW has paid the DCSWM fee for Wetland Boundary Assessment. AECOM has also submitted a proposed plan for additional sediment sampling to define the extent of the contamination. This request is under staff review.
  - **Master Plan** – Renderings are ongoing. On March 2, 2019 staff met with the FPDDC staff to discuss potential “extras” (signs, canoe/kayak launches, etc.) to be included in the Master Plan. These items will be incorporated into the Master Plan where appropriate.
  - **Open Houses** – The Open Houses were originally scheduled for April 14 & 15, 2020. Due to closures at the facilities, these meetings will not be able to be held till June 2020. Staff is working with the two venues, Central Park West, Oak Brook and the Wilder Mansion, Elmhurst to secure dates in June. AECOM, Aileron, and Staff had a conference call on March 26, 2020 to discuss options if the meetings need to be held virtually. If the Open Houses are not able to be held in June, they will be moved to a virtual platform.

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- **Partner Outreach** - Salt Creek Watershed Network has requested staff attend their April meeting to talk about the project and how they can help (meeting held remotely). Meeting with the Mayor of Elmhurst has been postponed. Once renderings are complete, Staff and Board Members will schedule individual meetings with each of the FPDDC Commissions to present the Master Plan. Additional partner meeting will also be scheduled.
- **News Articles** – *Restoration at Oak Meadows*: An article on the restoration work at The Preserve at Oak Meadows was published in the Daily Herald on March 21/22, 2020. *Dams in NE Illinois* – A virtual press conference was held on April 7, 2020 to discuss dam removals in Illinois. Presentations on ongoing/future dam removal/modification work were given by representatives from IDNR, DRSCW, Kane County, FRSG, Friends of the Chicago River and Chicago Park District. Confirmations in attendance have been received from the Chicago Sun Times, Daily Herald, Patch, Aurora Beacon News, NW Herald, Independent News, Kane County Chronicle, WBEZ, and Journal Topics. To date, articles resulting from the press conference have been published in the Sun Times and the Kane County Chronicle.
- **Pre-project Monitoring** - MBI completed pre-project biological and physical habitat sampling in September 2019.
  - *L. Cox made a motion to authorize staff to negotiate a contract with MBI not to exceed \$12,500 (approved budget amount) for the 2020 pre-project sampling for the Fullersburg Woods dam modification project. S.Baert seconded the motion. The motion passed unanimously.*
- **Spring Brook Phase II** – The Project Committee and Executive Board have approved the draft project funding agreement with the FPDDC (Attachment 2). The expenditure was allocated in the 2020-21 budget. DRSCW’s Projects Committee and the Executive Board have agreed to sign the agreement. Following signature, the agreement will be submitted to the FPDDC Board of Commissioners for review and signature.
  - *L. Cox made a motion to approve the funding agreement with the FPDDC for \$160,000 for M&M at Spring Brook Phase II dam removal and restoration site is required. S.Baert seconded the motion. The motion passed unanimously.*
  - *S. Baert made a motion to authorize staff to negotiate a contract with MBI not to exceed \$10,000 (approved budget amount) for the 2020 post-project sampling for the Springbrook #1 Phase 2 dam removal and stream restoration project. D. Streicher seconded the motion. The motion passed unanimously.*

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

- **Lower East Branch** – Project scoping will begin in early 2020 once the 2019 fish data is available.
- **Lower West Branch** – No update at this time.

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

- **NSAC Update** – No update.
- **Nutrient Loss Reduction Strategy (NLRS)** – No update at this time.
- **Trading Analysis**  
Point Source (PS) to PS Trading – No update at this time.

Stream Crediting Trading – The consultant team has submitted a revised scope of work for development of the stream crediting trading. The revised scope is under review by Staff.

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

USEPA National Water Quality Trading Policy – No update at this time.

- IWEA NARP Workshop – As the IWPC conference was canceled due to the COVID-19 shelter in place order, the next NARP workshop will be rescheduled.
- **Related to Nutrient Trading** – As they are completed, please submit PDOPs and FSs to DRSCW staff.
- **QUAL Model Update**
  - Data Collection is ongoing. Staff has requested that members submit the following information that will assist with model development: 1) Records on leaky sewers and/or results of smoke testing; 2) Maps/locations of known septic areas; 3) Surveyed cross sections (mainstem Salt Creek, East Branch DuPage, West Branch DuPage, and Lower DuPage) that were prepared as part of any H&H modeling efforts, stream restoration projects or similar; and 4) Any information on water withdrawals and/or groundwater studies.
  - Model set-up is ongoing for the East Branch DuPage River.
- **Non-Point Source Washoff Model**
  - Staff will consult with the Project Committee on developing a scope and possible RFP for this project. This will include review of the leaf litter questionnaire sent out by County Stormwater.
  - 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 West Branch DuPage River watershed in 2020.

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- **IPS Model Update** – MBI is reviewing editing the database, dashboard and drafting the user manual. We are awaiting the updated drafts from MBI.
  - The North Branch Workgroup and the LDRWC have received their first invoice under the joint agreement.
  - MBI was contacted to assist and review the write up of the IPS for the Annual Report. This write up will also be used for the outreach to the Environmental Groups
  - A summary of the IPS Tool is being prepared for our EAG partners. This will include a draft list of next generation priority projects.
  
- **Springfield Regulatory and Legislative Updates** – Stephen and Deanna will schedule a visit to the IEPA for Summer 2020 once the COVID-19 situation stabilizes.

**Non-Permit Activities**

**9. Bioassessment Plan**

- Staff has received the Final Salt Creek 2013/2016 report from MBI and is conducting a final review. Once the report is reviewed and accepted, it will be posted on the DRSCW website and final payment will be made.
- East Branch Bioassessment – Chemical, biological and physical data collection in the East Branch watershed is finished for 2019. Sediment sampling was completed for 10 of the 14 sites scheduled for sediment. The 4 remaining sites were unable to be sampled due to weather and flow conditions.
  - Staff is working with MBI to provide all requested data (water quality, etc.) needed to complete the Bioassessment Report.
- Chemical and physical data was collected at three reference sites. MBI was unable to collect the biological data at the biological reference sites due to high stream flows.
- The West Branch DuPage River bioassessment is scheduled for 2020.

Staff met with MicroBac on March 20, 2020 to kickoff the chemical sampling in the West Branch. MicroBac will begin sampling around May 15, 2020.

  - A motion to authorize staff to negotiate a contract with MBI not to exceed \$144,120 (approved budgeted amount) for the 2020 West Branch DuPage River biological and physical habitat sampling is required.
  - A motion to authorize staff to negotiate a work order with MicroBac not to exceed \$59,320 (approved budgeted amount) for the 2020 West Branch DuPage River chemical monitoring is required.
  - A motion to authorize expenditure of funds not to exceed \$5,960 (approved budgeted amount) for the 2020 reference site monitoring and MS4 parameter monitoring is required.
    - *S. Baert made a motion to authorize the expenditures of funds presented above for the 2020 Bioassessment Chemical/Physical/Biological monitoring, reference site monitoring and MS4 parameter monitoring. D. Streicher seconded the motion. The motion passed unanimously.*

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**10. Upper Salt Creek 319 Watershed Plan** – Staff received a notice of receipt of the submitted 604 B grant application from IEPA. Preliminary funding notices will be sent in June 2020 with final award notification in August 2020. If awarded, the project would begin in October 2020.

**11. Monitoring**

- Fecal coliform sampling will be conducted on the West Branch DuPage River in 2020 (MS4 program support).
- Conductivity monitoring began in early December 2019 and ended in March 2020.
- The plastics samples will be collected in spring 2020.

**12. Chlorides**

- The 2020 chloride workshops are tentatively scheduled for October 8, 2020 for Parking Lots and Sidewalks and October 14 & 15, 2020 for Municipal Roads.
- Tollway Offset – Elmhurst has entered their data into the salt management model. A contract has been signed with Fortin to review the outputs prior to being submitted to the Tollway.
- SB2138 (liability for contractors) – No update at this time.
- Sensible Salting Committee – No update at this time.
- TLWQS for Chlorides – IPCB Hearings on the chloride TLWQS were held on February 18, 2020. The IEPA, Petitioners, and Commenters have a few issues to resolve and will then submit the revised petition to the IPCB for review.
- ILR00 and Chlorides – No update at this time.
- BMP and Loading Study – Continuous chloride data has been organized by watershed and season, and water quality loadings have been calculated for the study period. The next analysis steps will be to QAQC the calculations, and develop methods for accounting for the variability in temperatures and precipitation, municipal salt application events, and the way salt application events are defined and tracked. Adjustments will be performed using those methods, and the resulting loading trends will be presented in a future report. This analysis will provide an indication of the effectiveness of the DRSCW's chloride education and reduction efforts.
- The Chloride Committee will review the street sweeping data and discuss moving onto a more rigorous study. Several communities have shown an interest in participating. The Chloride Committee is also working with DMMC Public Works Committee on a review of area application rates.

**13. Other Activities**

- Cal Tar Sealants Update – No update at this time.
- ACOE DuPage River Feasibility Study – No update at this time.

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- Newsletter — Staff is working on a newsletter for Spring/Summer. One article has already been completed for the upcoming newsletter.
- Utility Management – No update at this time.

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

- **Invoice Summary– February 6, 2020 to March 31, 2020**

**Invoice Payments from February 6, 2020 to March 31, 2020**

<b>Vendor/Project</b>	<b>Invoice Number</b>	<b>Amount (\$)</b>	<b>Status</b>
Baxter & Woodman - Reimb due to LDRWC	N/A	200.00	Paid
Baxter & Woodman - CL Wkshp Planning/Attendance	210051	1515.00	Paid
BK Riverfish - Fawell Consultation	Fee/Travel Expenses	3976.00	Paid
MBI - Fullersburg PreProj Monitoring	1739	8949.43	Paid
MBI - IPS Update	1741	12205.14	Paid
Microbac - Street Debris Sampling	LA9K00552	30.00	Paid
Tetra Tech - QUAL2kw	51558706	8075.00	Paid
The Conservation Fdn - Feb Salary New Hire	N/A	1165.41	Paid
V3 - Fawell	1119496	644.41	Paid
V3 - Fawell	1219315	1041.01	Paid
V3 - Fawell	120252	1016.16	Paid
V3 - Fawell	220469	1219.39	Pending

- **Financial reports through March 31, 2020** (Attachment 3).
- **Membership Dues Payments Update (through April 3, 2020)** (Attachment 4).
  - Membership dues and Special Condition assessment invoices are to be sent in April/May 2020.
- **Vacant Executive Board Position** – With the retirement of Nick Menninga (Downers Grove Sanitary District) in March 2020, there is a vacancy on the Board. The position will remain open until filled by President Gorman at a later date.

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

- Chloride and Winter Management, La Grange Environmental Quality Commission, La Grange. March 12, 2020 (S. McCracken) CANCELLED

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- Alternatives at the Graue Mill Dam- Salt Creek Watershed Network April 6, 2020 (virtual conference) (S. McCracken)
- Dam Removals in Northeast Illinois Press Conference (virtual), April 7, 2020 (S. McCracken)
- TMDLs – Thinking Beyond Permit Limits, River Rally (virtual conference), May 2020 (D. Doohaluk)

**16. Workgroup Meeting Schedules**

June 24, 2020 from 9AM-11AM

August 26, 2020 from 9AM-11AM

October 28, 2020 from 9AM-11AM

December 9, 2020 from 9AM-11AM

*D. Streicher made a motion to adjourn at 10:46am. J. Slevnik seconded the motion. The motion passed unanimously.*