

**DuPage River Salt Creek Workgroup
Annual Meeting Minutes
Lombard Village Hall
February 27, 2019**

Dave Gorman called the meeting to order at 9:11am.

9:00-9:05 Welcome, Introductory Remarks

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

All meeting attendees introduced themselves.

9:05-10:00 Annual Business Meeting

1. Approval of the minutes for the December 12, 2018 meeting (Attachment 1)

Motion to accept the minutes made by Nick Menninga, seconded by Jennifer Hammer.

Approved unanimously.

2. 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 – Jim Knudsen, Village of Carol Stream
- At Large – Nick Menninga, Downers Grove Sanitary District
- At Large – Steve Zehner, Robinson Engineering, Inc.

Motion to elect officers and members-at-large made by Larry Cox, seconded by Julie Lomax.

Approved unanimously.

3. Adoption of FY 2019-20 Budget

- Approval of the FY 19-20 Annual Dues Schedule and Annual Dues by Agency (Attachment 2). A 3% increase in Agency member annual dues is scheduled for FY 19-20. Associate member dues for all not-for-profit and government associate members will also increase by 3% in FY 19-20. Other associate member dues will also increase by 3% in FY 19-20.

Motion to adopt FY 2019-20 budget made by Larry Cox, seconded by John Brechi.

Approved unanimously.

- POTW Agency member project assessments related to the NPDES special conditions remains on schedule.

- Review and approval of the FY 2019-20 Budget (Attachment 3 – (one-page budget summary).

Motion to adopt FY 2019-20 budget made by Nick Menninga, seconded by Jim Knudsen.

Approved unanimously.

- Presentation and discussion of the detailed Five Year Financial Plan for Fiscal Years 2019-2020 to 2023-2024 (<https://files.constantcontact.com/0fa48d3a001/b3c33b89-70c7->

[48fd-9815-1c4c9e9d8fe5.pdf](#)). The Five Year Financial Plan was also emailed to all members on 02/12/2019.

Motion to post the Five Year Financial Plan made by Jim Knudsen, seconded by Nick Menninga. Approved unanimously.

- Financial Report through January 2019 (Attachment 4)

Invoice Payments from November 30, 2018 through February 14, 2019

Vendor/Project	Invoice Number	Amount (\$)	Status
Aileron - Fullersburg Woods Concept Plan - Survey Develop/Deploy	1604	10108.71	Pending
Andrew Ragas - DRSCW Website Redesign	N/A	920.00	Pending
Baxter & Woodman - Fullersburg Woods Concept Plan	203617	1,796.25	Pending
MBI IPS - Exploratory Analysis 11/18 - 12/31/18	1619	6,022.20	Pending
TetraTech - Trading Program 8/1 - 11/30/18	18-225	8,251.12	Approved
The Conservation Foundation - Oct. - Dec. 2018 Expense	N/A	3,006.40	Pending
V3 Companies - Fawell Dam Modification Phase II	1118430	240.64	Pending

4. 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

Dave Gorman, DRSCW President appointed Committee Chairpersons.

5. Other business

- Newsletter (Attachment 5) - *The newsletter was included in the meeting packet that was emailed to members.*
- Lower DuPage River Watershed Coalition update – *The City of Naperville received their permit and will soon pay their Special Condition fees to the LDRWC.*
- Lower Salt Creek watershed plan update – *CMAP is finalizing the report for its submittal to the IEPA.*
- TLWQS for Chlorides (Chloride Variance) – *Several DRSCW municipalities also have portions of the jurisdiction located in the CAWS/Des Plaines River watershed listed in a table included in the Winter 2019 newsletter. These municipalities should consider filing a petition to join the Chloride Variance. Direct any questions to Stephen McCracken or Deanna Doohaluk.*
- Proposed Chloride Standards (temperature dependent) - *The IPCB has requested that the Petitioner (J. Huff) revise and resubmit the petition incorporating comments from the IPCB, IEPA and others. Once the IPCB has received the revised petition, hearings to discuss the revised petition will be scheduled.*
- TMDL Development – *The IEPA has finalized the DuPage River/Salt Creek DRAFT Stage 3 report and will soon enter their public comment period. The April DRSCW meeting will serve as the Public Hearing for the DRAFT TMDL reports. Members are encouraged to attend to learn more.*

- Salt Creek 2016 Bioassessment report is undergoing final development.

6. DRSCW Calendar

- February 13, 2019 – NARP Panel, 2019 Illinois Wastewater Professionals Conference, Champaign, Illinois (Deanna)
- February 13, 2019 – NARP Panel, 2019 Beyond Steam Bank Stabilization Illinois Wastewater Professionals Conference, Champaign, Illinois (Stephen)
- February 21, 2019 – DRWW Annual Meeting, NARP Work Plan, Libertyville, Illinois (Deanna)
- March 6, 2019 – IWEA Watershed Committee NARP Workshop, Stakeholder Engagement and Panel, Itasca, Illinois (Deanna)
- March 6, 2019 – IWEA Watershed Committee NARP Workshop, Looking Beyond POTW Limits and Panel, Itasca, Illinois (Jennifer)
- March 6, 2019 – IWEA Watershed Committee NARP Workshop, Panel, Itasca, Illinois (Stephen)
- March 15, 2019 – Chloride Trends in NE Illinois, Illinois Lakes Management Association Conference, Crystal Lake, Illinois (Deanna and Stephen)
- Staff submitted an abstract titled “Optimizing Local Investments for Meeting In-Stream Designated Uses” to 2019 WEFTEC conference in Chicago.

7. Workgroup Meeting Schedule (9:00 AM start time)

Unless otherwise specified all meetings are scheduled to occur at Lombard Village Hall from 9:00 AM to 11:00 AM.

April 24, 2019 from 9AM-11:30AM (Time extended due to TMDL Public Hearing)

June 26, 2019

August 28, 2019

October 30, 2019

December 11, 2019

February 26, 2020

10:00 – 10:25

Recommendations for numeric criteria and eutrophication standards for Illinois streams and rivers

As part of the Illinois Nutrient Loss Reduction Strategy (NLRs), the Nutrient Science Advisory Committee (NSAC) was established to make recommendations to the Illinois Environmental Protection Agency (IEPA) on numeric river and stream eutrophication water quality standards. These standards are to be appropriate for protecting aquatic life and human uses of Illinois waterbodies. The methods utilized by NSAC and their recommended numeric criteria for total phosphorus, total nitrogen, and chlorophyll A were recently published in their final report (see link below) and the IEPA is seeking written comments on the report through April 30, 2019.

<https://www2.illinois.gov/epa/topics/water-quality/standards/Documents/NSAC%20Report%20-%20Final.pdf>

Presenter: Deanna Doohaluk and Stephen McCracken (presentation provided by the IEPA)

10:25 – 11:00

DRSCW Program Update

1. Program overview, objectives and philosophy (10 minutes)
2. Spring Brook Phase II (5 minutes)
3. Fawell Dam Modification Update (5 minutes)
4. St James Farm update by Eric Neidy, DuPage County Forest Preserve.
5. Graue Mill Dam on Salt Creek Concept Development (5 minutes)
6. Trading and Nutrient Implementation Plan (5 minutes)
7. Chloride Reduction (5 minutes)

Nick Menninga made a motion to adjourn at 11:29am, seconded by Steve Zehner, accepted unanimously.

DuPage River Salt Creek Workgroup
 FY 2019-20 Annual Dues Schedule and Annual Dues by Agency
 February 27, 2019

Annual Dues Schedule – Fiscal Year 2019-20

Individual Member dues shall be \$63.00 per year.

Associate Member dues shall be \$126.00 per year for any not-for-profit or government agency, organization or company and \$206.00 per year for any other agency, organization or company.

Agency Member dues shall be comprised of the sum of the following components applicable to the Agency Member.

- a. Administrative Fee of \$253.00 per year.
- b. POTW discharge fee calculated as \$1,992.91 per MGD of POTW average design capacity for those Agency Members owning or operating a POTW with an NPDES permit to discharge into the three watersheds.
- c. Acreage fee calculated as \$0.6996 per acre for all of the acreage within the corporate limits of a municipality which is tributary to the three watersheds and for the unincorporated acreage within a county which is tributary to the three watersheds.

Annual Dues by Agency – Fiscal Year 2019-20

<u>Agency Members</u>	<u>Fixed Component</u>	<u>Acreage Component</u>	<u>WTP Component</u>	<u>Total Annual Dues</u>
Addison	\$253	\$4,236	\$16,940	\$21,429
Arlington Heights	253	626		879
Aurora	253	721		974
Barrington	253	72		325
Bartlett	253	2,634	7,334	10,221
Batavia	253	6		259
Bensenville	253	1,102	9,367	10,722
Berkeley	253	627		880
Bloomington	253	3,087	6,876	10,216
Bolingbrook	253	91	10,044	10,388
Broadview	253	575		828
Brookfield	253	1,138		1,391
Carol Stream	253	4,134	10,762	15,149
Clarendon Hills	253	312		565
Darien	253	205		458
Deer Park	253	1		254
Downers Grove	253	6,410		6,663
Downers Grove SD	253	0	21,922	22,175
DuPage County	253	32,314	24,911	57,478
Elk Grove Village	253	2,233		2,486
Elmhurst	253	4,550	15,943	20,746
Franklin Park	253	11		264
Glenbard WW Authority	253	0	31,927	32,180

DuPage River Salt Creek Workgroup
 FY 2019-20 Annual Dues Schedule and Annual Dues by Agency
 February 27, 2019

Agency Members

Glen Ellyn	253	2,991		3,244
Glendale Heights	253	2,413	10,483	13,149
Hanover Park	253	2,974	4,822	8,049
Hillside	253	954		1,207
Hinsdale	253	375		628
Hoffman Estates	253	2,506		2,759
Inverness	253	1,984		2,237
Itasca	253	2,229	5,181	7,663
Lisle	253	3,010		3,263
Lombard	253	4,420		4,673
Maywood	253	25		278
Melrose Park	253	711		964
MWRDGC	253	11,369	83,702	95,324
Naperville	253	9,013		9,266
Northlake	253	1,208		1,461
Oak Brook	253	3,721		3,974
Oakbrook Terrace	253	646		899
Palatine	253	4,239		4,492
Rolling Meadows	253	2,102		2,355
Roselle	253	2,369	6,776	9,398
Salt Creek SD	253	0	6,576	6,829
Schaumburg	253	7,369		7,622
St Charles	253	117		370
South Barrington	253	1		254
Stone Park	253	143		396
Streamwood	253	340		593
Villa Park	253	2,127		2,380
Warrenville	253	2,498		2,751
Wayne	253	125		378
West Chicago	253	5,736	15,226	21,215
Westchester	253	1,395		1,648
Western Springs	253	340		593
Westmont	253	1,724		1,977
Wheaton	253	5,090		5,343
Wheaton SD	253	0	17,736	17,989
Winfield	253	1,150		1,403
Wood Dale	253	1,465	6,178	7,896
Woodridge	253	2,397		2,650
Totals	\$15,433	\$156,361	\$312,706	\$484,500

DuPage River Salt Creek Workgroup
Proposed FY 19-20 Budget
February 28, 2019

Budget
FY 19-20

Workgroup Activities Fund

Workgroup Revenues

Agency member dues	\$468,320
Associate and individual dues	5,760
Grants	0
Interest	50,480
Total Workgroup Revenues	\$524,560

Workgroup Expenses

Administration	\$264,660
Monitoring	206,340
Chloride reduction	11,000
Project identification from bioassessment work	28,170
Total Workgroup Expenses	\$510,170

Net Workgroup Revenues Over Expenses \$14,390

Workgroup NPDES Permit Special Condition Project Fund

Workgroup Project Fund Revenues

Agency member project fund assessments	\$2,888,110
Project sponsorships/local matches	0
Total Project Fund Revenues	\$2,888,110

Workgroup Project Fund Expenses

DRSCW NPDES permit special conditions projects	\$599,180
Total Project Fund Expenses	\$599,180

Net Grant Project Fund Revenues Over Expenses \$2,288,930

Beginning Fund Balance \$1,372,517

Ending Fund Balance \$3,675,837

DuPage River Salt Creek Workgroup
Lombard Village Hall
April 24, 2019
9:00-11:00 AM
Membership Meeting Minutes
Joint meeting with IEPA to present new area TMDLs

1. Welcome and Introductions

Approval of February 27, 2019 meeting minutes (Attachment 1). *Motion to accept the minutes made by Nick Menninga, seconded by Steve Zehner. Approved unanimously.*

- 2. TMDL Update** – The DuPage River/Salt Creek Watershed TMDL Report Draft Stage 3 Report has been published for public comment. The public comment period is open until May 24, 2019 at midnight. The Draft State 3 Report is available for public review at the IEPA’s website (<https://www2.illinois.gov/epa/topics/water-quality/watershed-management/tmdls/Pages/reports.aspx#dupsalt>) and at the following local repositories: DuPage County SWM, Wheaton; Village of Lombard, Lombard; Village of Plainfield, Plainfield; and TCF, Naperville. The IEPA will hold the public hearing for the TMDL immediately following today’s expeditious DRSCW Membership Meeting.

NPDES Permit Special Conditions

3. NPDES Permits and Reporting

- Annual Report – The 2017/2018 Annual Report was submitted to the IEPA on March 31, 2019.
 - Naperville – Following issuance of Naperville’s Permit, the LDWRC has received Naperville’s Special Condition payment.
 - Crest Hill – Staff has been coordinating the discussions on the conditions of Crest Hill’s expansion with representatives from the Sierra Club and Prairie Rivers Network (EAGs). The EAGs are in agreement with the conditions and schedule proposed by Crest Hill.
 - The Special Condition between The DRSCW and MWRDGC has been signed by the DRSCW and forwarded to MWRD for signing.
- 4. 2020 Permit Negotiations** – A meeting with the POTW Special Condition holders to discuss permit negotiations is scheduled for May 16, 2019 at 9.00AM. Place and agenda for the meeting to follow.
- 5. Physical Project Update (ongoing)**
- **Oak Meadows** – No update at this time.
 - **Fawell Dam Modification** – *A Project Committee meeting to discuss options for the Fawell Dam modification project will be scheduled soon.*
 - **Graue Mill Dam**
 - The Public Opinion Initiative coordinated by Aileron is complete. The Initiative included a telephone survey, electronic/written survey, interviews and a focus

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group. A final report summarizing the public opinion work is expected by the end of April 2019.

- An RFQ for Engineering Services for Dam Modification and Stream Restoration was issued to identify a stream restoration expert/technical advisor to develop design alternatives and preliminary concept plans. A subset of the Project Committee is reviewing the RFQs and will submit their recommendation to the DRSCW Executive Board by mid-May 2019.
- *The DRSCW will present the results of the public opinion surveys and project next steps to the FPDDC Board of Commissioners at their May 28, 2019 planning meeting.*

- **Spring Brook Phase II** – Discussion on post project maintenance and the monitoring at the site (phases 1, 2 & 3) are continuing with the FPD. V3 Construction was selected as the prime for the construction contract.

9. Physical Project Update (not yet started)

- **Lower East Branch** – No update at this time.

10. Nutrient Implantation Plan (NIP) – No update

- **NSAC Update** – The NSAC posted this report on January 1, 2019 at <https://www2.illinois.gov/epa/topics/water-quality/standards/Pages/default.aspx>. The public comment period is open through April 30, 2019. Staff will prepare comments from the DRSCW which will be shared with the General Membership for their review and comment prior to submittal to the IEPA.
- **Trading Analysis** – No update at this time.
- **Related to Nutrient Trading** – As they are completed, please submit PDOPs and FSs to DRSCW staff.
- **QUAL2K Update** – No update at this time.
- **Non-Point Source Washoff Model** – No update at this time.
- **Enhanced DO Monitoring Program** – *This program will begin on the East Branch of the DuPage River in the summer of 2019.*
- **IPS Tool Update** – Staff have built a spatial map of the dams in the project area. Thanks to Sierra Club, IDNR, MWRD, McHenry, Kane and Lake Counties for assisting in gathering the data. Initial results from the causal analysis should be

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available soon. A Project Committee meeting will be scheduled for May to discuss this work.

11. Springfield Regulatory and Legislative Updates - *Stephen and Deanna will go to Springfield to meet with the IEPA on May 9, 2019.*

Non-Permit Activities

12. Bioassessment Plan

- Staff have received the draft final Salt Creek (2013 & 2016 sampling) Bioassessment report from MBI. Once it has gone through final review staff will upload the report to the DRSCW website.
- East Branch DuPage River bioassessment sampling is scheduled for 2019.

13. Lower Salt Creek 319 Watershed Plan – CMAP has not yet submitted the plan to the IEPA.

14. Monitoring

- A Monitoring Committee meeting is scheduled for April 30, 2019 at 10am at the TCF Clow House. Topics the Monitoring Committee will discuss include flow monitoring and additional water quality parameters that we should consider including in the Enhanced DO Monitoring Program and/or Bioassessments.
- Winter Chloride Monitoring – No update at this time.

15. Chlorides

- Level 2 Chloride Training – On April 12, 2019, the DRSCW in conjunction with Fortin Consulting held a Level 2 Chloride Training at the College of DuPage. The clinic focused on the use of the WMA_t (Winter Maintenance Assessment Tool) to review your organization's past, present, and future winter maintenance practices and create a series of reports for internal training, budgeting, and communicating with officials who fund maintenance work. The DRSCW covered the costs for the clinic for all attendees.
- Completed questionnaires have been submitted by 40 agencies. A draft report has been produced and is under review.
- Tollway Offset – Final figures for the request for assistance have been agreed on with Elmhurst. Some present practice data is still outstanding.
- Revised Fact Sheets – No update at this time.
- SB2138 (liability for contractors) – No update at this time.
- Sensible Salting Committee – No update at this time.
- TLWQS for Chlorides – No update at this time.

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- ILR00 and Chlorides – No update at this time.
- Proposed Chloride Standards – Following a hearing on the proposed amendment to the chloride water quality standard on January 23, 2019, J. Huff resubmitted a revision to the petition to the IPCB for consideration March 14, 2019. The revised standard is still temperature based (below and above 10C) but instead of an absolute number, the chloride standard is calculated from chloride concentration, hardness, and sulfate concentration. The IPCB will review the revised petition and a hearing date to discuss the petition.
 - The DRSCW has submitted written comments on the original version of the proposed amendment to IPCB.

16. Other Activities

- Website – We are updating the website and database portal.
- Cal Tar Sealants Update – Stephen testified in the Illinois Senate Environmental and Conservation Committee on SB 1184 on March 21, 2019. SB 1184 would allow county boards or boards of county commissioners to prohibit the sale of and the use of coal tar sealant product and high polycyclic aromatic hydrocarbon sealant product on any surface, except for highway structures, including, but not limited to, a driveway, parking area, playground, sidewalk, bike trail, or roadway within the county. The Environmental and Conservation Committee recommendation was “do pass as amended”. SB 1184 will now be scheduled for its 2nd reading on the floor of the Senate. Following a 3rd reading in the Senate, if the bill passes, it will move to the House for consideration.
- ACOE DuPage River Feasibility Study – No update at this time.
- Our Winter Newsletter has been mailed.
- Utility Management – No update at this time.

17. Business Items (new business)

- **Invoice Payments from February 15, 2019 through March 31, 2019 (approved by the Board)**

Vendor/Project	Invoice Number	Amount (\$)	Status
Andrew Ragas - SaltCreek.org Website Design	Mar. 1 Inv	400.00	Approved
Baxter & Woodman – Chloride Reduction	204989	1380.00	Pending
V3 Companies - Fawall Dam Modification Phase II	119262	641.51	Approved

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- **Financial reports through March** (Attachment 2).
- **Membership Dues Payments Update (through March 2019)** (Attachment 3).
 - 2019-20 membership dues will increase 3% increase relative to 2018-19 dues.
 - *Agency invoices have been mailed.*

18. DRSCW Calendar, Presentations and Press Coverage

- February 13, 2019 – NARP Panel, 2019 Illinois Wastewater Professionals Conference, Champaign, Illinois (Deanna)
- February 13, 2019 – NARP Panel, 2019 Beyond Steam Bank Stabilization Illinois Wastewater Professionals Conference, Champaign, Illinois (Stephen)
- February 21, 2019 – DRWW Annual Meeting, NARP Work Plan, Libertyville, Illinois (Deanna)
- March 6, 2019 – IWEA Watershed Committee NARP Workshop, Stakeholder Engagement and Panel, Itasca, Illinois (Deanna)
- March 6, 2019 – IWEA Watershed Committee NARP Workshop, Looking Beyond POTW Limits and Panel, Itasca, Illinois (Jennifer)
- March 6, 2019 – IWEA Watershed Committee NARP Workshop, Panel, Itasca, Illinois (Stephen)
- March 15, 2019 – Chloride Trends in NE Illinois, Illinois Lakes Management Association Conference, Crystal Lake, Illinois (Deanna and Stephen)
- An abstract titled “Optimizing Local Investments for Meeting In-Stream Designated Uses” was accepted for the 2019 WEFTEC conference in Chicago. (Deanna and Stephen)

19. Workgroup Meeting Schedules

June 26, 2019 from 9AM-11AM
August 28, 2019 from 9AM-11AM
October 30, 2019 from 9AM-11AM
December 11, 2019 from 9AM-11AM
February 26, 2020 from 9AM-11AM

Nick Menninga made a motion to adjourn at 9:27am, seconded by Steve Zehner, accepted unanimously.

Dave Gorman noted that if the parking lot located to the north of the Village Hall is full, additional parking is available along Hammerschmidt Road. You may park in the spots denoted as 2 hour parking.

DuPage River Salt Creek Workgroup
Lombard Village Hall
June 26, 2019
9:00-11:00 AM
Membership Meeting Minutes

Attachment 1A.

Dave Gorman called the meeting to order at 9:04 am. Attendee introductions were conducted.

- 1. Approval of April 24, 2019 meeting minutes** (Attachment 1). *Motion to accept the minutes was made by Stephen Zehner, seconded by Sue Baert. Approved unanimously.*
- 2. Recognition of Executive Board Member, Jim Knudsen**
- 3. Recognition of TCF's 2019 Low Salt Award Winners, the City of Wheaton and Fox Valley Park District**
- 4. Chloride Program Update**

The Presentation provided an overview of the most recent deicing program survey and next steps for the Chloride Education and Reduction Program. Survey responses were reviewed and it is apparent that local communities are continuing to refine roadway deicing best management practices and winter operations policies. Dan Bounds emphasized that the bi-annual responses from each community are essential for data consistency and long term trending. A local salt application rate summary table will be developed from the submitted data. Additionally, the Chloride Committee is interested in producing a document that summarizes the past 12 years of chloride water quality data, reductions in community application rates, and deicing program improvements that have occurred within the Workgroup watersheds.

Presenter: Daniel G. Bounds, P.E., D.WRE, Infrastructure Department Manager, Baxter & Woodman Consulting Engineers
- 5. Graue Mill Public Research Final Report**

The DRSCW contracted with Aileron to conduct public opinion research in order to understand community support and opposition and identify options for moving forward. From December 2018 to April 2019, the Aileron conducted a multi-pronged public opinion-gathering process that included a telephone survey, an online survey, stakeholder interviews, and a focus group. Each research method found public support for dam modification and illustrated some of the issues that are important to opponents. In short, the research found that the DRSCW should be able to garner public support for dam modification if the group focuses on public concerns and communicates clearly and openly.

Presenter: Deanna Doohaluk, Watershed Project Manager, TCF/DRSCW
- 6. TMDL Update** – The IEPA held the public hearing for the TMDL on April 24, 2019 immediately following an expeditious DRSCW Membership Meeting. The public comment period on the TMDL closed on May 24, 2019. The IEPA and its consultant (TetraTech) will address the submitted comments and finalize the report.

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NPDES Permit Special Conditions

7. NPDES Permits and Reporting

- LDRWC – Final design and permitting for the Hammel Woods dam removal is ongoing *and is expected to be completed by July 2019. Construction/removal will occur in 2020.*
- Crest Hill – Crest Hill will be scheduling a call to update the IEPA on their discussions with the EAGs and the EAGs concurrence on the proposed TP compliance schedule for their expansion permit. The proposed schedule is as follows: 1) Expansion permit issued in 2020; 2) compliance with the 1.0 mg/L TP by July 2024; and 3) compliance with the 0.5 mg/L TP (using BNR) by 2035.
- The DRSCW and MWRDGC have signed the agreement approved by the Board and MWRD has officially rejoined the DRSCW and the Special Condition. Dues payment has been received.

8. 2020 Permit Negotiations – Staff will schedule a meeting of the Special Condition Holders for late summer/early fall 2019. Place and agenda for the meeting to follow.

9. Physical Project Update (ongoing)

- **Oak Meadows** – MBI will conduct post project sampling (Year 3) this summer.
- **Fawell Dam Modification**
 - Three methods of establishing fish passage at the dam are under review. Two involve adding to the dam either by creating a backwater in the culverts or by placing a baffle system directly into one or more culverts. The third option would be to develop a fish relocation or propagation program. DuPage County is reviewing the structural addition options for impacts on the structure and water elevations. Discussion with IDNR on the relocation or propagation options are on-going.
- **Graue Mill Dam**
 - Staff is working on developing content for the project website. Ragas Media is the site designer.
 - Aileron submitted their final report summarizing the public opinion research. This report was shared with the Project Committee.
 - Staff and Aileron presented the findings of the public opinion research and the project proposed next steps of preparing a Master Plan for Salt Creek at Fullersburg Woods to the FPDDC Board of Commissioners at their May 28, 2019 Planning Session.
 - The Board authorized staff to negotiate and sign a contract with AECOM not to exceed \$281,747 for the development of a Master Plan for Salt Creek at Fullersburg Woods. The contract will be a time and materials contract with a not to exceed value. This amount is within the budgeted amount for the project. The budget includes \$70,000 for this year (not including a contingency of \$50,000) and \$170,000 for next.

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Finally, our fund balance FYE 2020 is \$3,146,518 so we have plenty of capital to cover the project.

- Staff requests General Membership authorization to negotiate and sign a contract with AECOM not to exceed \$281,747 for the development of a Master Plan for Salt Creek at Fullersburg Woods. *Sue Baert made a motion to authorize staff to sign a contract with AECOM not to exceed \$281,747, seconded by Steve Zehner. Approved unanimously.*
- Pre-project biological and physical habitat sampling will begin in Summer 2019.
- **Spring Brook Phase II** –Construction of the project has begun. Discussion on maintenance and the monitoring at the site (phases 1, 2 & 3) are continuing with the FPD.

9. Physical Project Update (not yet started)

- **Lower East Branch** – No update at this time.

10. Nutrient Implantation Plan (NIP)

- **NSAC Update** – The DRSCW submitted comments on the NSAC report. The DRSCW Executive Board reviewed the comments prior to submittal.
- **Trading Analysis**
Point Source (PS) to PS Trading – No update at this time.

Stream Crediting Trading – Staff is in the process of coordinating a meeting between MBI and the Trading Consultant team to discuss the feasibility of using the updated IPS for the stream crediting analysis.

Current (MWRD) Nutrient Trading Effort (INTI) – Representatives of INTI met with USEPA Principal Deputy Assistant Administrator, Anna Wildeman, on May 22, 2019 to discuss their initiative. The INTI also held a stakeholder conference call on May 31, 2019 to discuss their next steps. Staff has provided details on the DRSCW trading program including the project scope of work, Task 4 Memo, and stream crediting memo to C. Stepp, US EPA, Region 5 Administrator.

- **IWEA NARP Workshop** – The IWEA Watershed Management Committee is forming a sub-committee to discuss future NARP workshops. DRSCW staff has joined the sub-committee. It is expected that a NARP workshop will be held in Fall 2019. Topic of the event is to be determined.
- **Related to Nutrient Trading** – As they are completed, please submit PDOPs and FSs to DRSCW staff.

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- **QUAL2K Update**
 - Staff are preparing an RFP for updating the existing QUAL2K models for the East Branch DuPage River and Salt Creek. The expected release date for the RFP is mid to late summer 2019 for a project start date of Fall 2019.
 - Staff is researching the estimate costs of set-up, calibration and validation of a QUAL 2 model for the West Branch DuPage River and the Lower DuPage River.

- **Non-Point Source Washoff Model**
 - Staff will schedule a meeting with DC SWM staff and the Mayors and Managers Public Works Committee to discuss collaboration on a development of a leaf litter management plan for the DRSCW watersheds and possible pilot study.
 - Staff is investigating the use of IPS for determining NPS impacts to headwater and non-effluent dominated streams.

- **Expanded DO Monitoring Program** – The Expanded DO Monitoring program was discussed at the April 30, 2019 Monitoring Committee. Committee members thought that the program was well designed and would provide benefits to our other NIP activities. The East Branch will be the first basin sampled with this program and sampling sites will include headwaters, downstream of all POTWs and sampling on a few representative tributaries including St Joseph Creek. The Monitoring Committee recommended the utilization of composite sampling for water quality collection using the protocols the IEPA utilizes in their basin and ambient programs. Staff will update the program to include composite sampling. It was also recommended that the DRSCW consider collection ambient flow data at each water quality sampling location. Staff is investigating the feasibility of renting or borrowing a flow meter for this purpose.
 - The Board authorized staff to negotiate and sign a contract not to exceed \$10,000.00 with Karen Clementi with DEI to assist with the enhanced DO monitoring program in the East Branch. K. Clementi brings a highly specialized skillset to the program. The funds in NIP budget line item will cover this work.
 - Staff request General Membership authorization to contract with Karen Clementi with DEI to assist with the enhanced DO monitoring program in the East Branch. *Sue Baert made a motion to authorize staff to sign a contract with DEI not to exceed \$10,000, seconded by Jennifer Hammer. Approved unanimously.*

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- **IPS Tool Update** – The stressor analysis portion of the IPS is largely complete. MBI is working on drafting a report (documentation manual) that details their stressor analysis methods and findings. MBI will submit the draft Documentation Manual to the DRSCW which was shared with the Project Committee for review and comments. Comments on the draft Documentation Manual were submitted to MBI on June 24, 2019. MBI will complete any necessary revisions to the Documentation Manual no later than June 28, 2019 so that the DRSCW can submit the report to the IEPA no later than June 30, 2019 (in compliance with the deadline included in LDRWC SCs). Additional work on the restorability and susceptibility/threat prioritization will follow the completion of the Documentation Manual.

11. Springfield Regulatory and Legislative Updates - Staff met with the IEPA in Springfield on May 9, 2019. The agenda was as follows:

9:00AM – Monitoring Staff: discussed basin assessment/ambient monitoring protocols and chlorophyll A sampling and analysis methods

10:30AM – *Permits and Watershed* Staff: presented DRSCW SC project updates

1:30PM – State Revolving Fund Staff: discussed the potential of using SRF to fund the Lower East Branch Stream Restoration Project.

Non-Permit Activities

12. Bioassessment Plan

- MBI submitted a draft final Salt Creek 2016 report to Staff. Staff is reviewing it.
- East Branch bioassessment chemical sampling began the week of June 3, 2019. Physical and biological sampling will begin later this summer with sediment sampling to follow in fall/winter.

13. Lower Salt Creek 319 Watershed Plan – CMAP submitted the Lower Salt Creek report to the IEPA. The final plan is available at <https://www.cmap.illinois.gov/programs/Ita/lower-salt-creek>

14. Upper Salt Creek 319 Watershed Plan – The Metropolitan Planning Council (MPC) has approached the DRSCW about serving as the coordinator for a watershed-based plan for the Upper Salt Creek watershed (Headwaters to Busse Lake). The plan would be funded by MWRDGC. Staff is in early discussions with MPC and MWRD on the scope of work and budget for the plan.

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15. Monitoring

- The Monitoring Committee met on April 30, 2019. Topics discussed included flow monitoring and water quality parameters that we should consider including in the Enhanced DO Monitoring Program and/or Bioassessments.
- Fecal coliform sampling in the East Branch DuPage River has started and was completed on June 10, 2019.
- Conductivity - We are working with the City of Naperville and *Wheaton Sanitary District* to place a new housing at Bailey Road in Naperville on the West Branch. The site would be used for winter conductivity monitoring. Winter conductivity sampling is complete for 2018-19. In total six sites were monitored during winter 2018-19.
- DC SWM, partner agencies and staff deployed summer DO monitoring sondes the week of June 10, 2019. Summer DO monitoring will continue through September.
- Staff is coordinating with the 100 Plastic Rivers Network to begin collecting microplastic data within our watersheds. As part of the Network, staff will be responsible for the collection of the samples with analysis (including shipping) being covered by the University of Birmingham UK.

16. Chlorides

- Level 2 Chloride Training – On April 12, 2019, the DRSCW in conjunction with Fortin Consulting held a Level 2 Chloride Training at the College of DuPage. The clinic focused on the use of the WMA_t (Winter Maintenance Assessment Tool) to review the organization's past, present, and future winter maintenance practices and create a series of reports for internal training, budgeting, and communicating with officials who fund maintenance work. The DRSCW covered the clinic costs for all attendees. Feedback from the Level 2 Workshop was positive and DRSCW will host an additional Level 2 Workshop in 2019/2020.
- Completed questionnaires have been submitted by 40 agencies. A draft report has been produced and is under review. Surveys have indicated that salt application rates have decreased from 500-600 lbs per lane mile to 200-300 lbs per lane mile since the implementation of the DRSCW chloride reduction program 12 years ago. Staff will work with a consultant to prepare a report summarizing this success.
- Tollway Offset – Final figures for the request for assistance have been agreed on with Elmhurst. Filing should be before the 14th. Once the Elmhurst application is complete, staff will begin working with Itasca and Schaumburg on their applications.
- The Chloride Committee is reviewing the Revised Fact Sheets.
- SB2138 (liability for contractors) – No update at this time.
- Sensible Salting Committee – No update at this time.
- TLWQS for Chlorides – No update at this time.
- ILR00 and Chlorides – No update at this time.

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- Proposed Chloride Standards – The IPCB opened a period in which interested parties could submit questions on the revised proposal. The period to submit questions closed on May 30, 2019. The IPCB, IAWA, IEPA, and Openlands submitted questions. The petitioner (J. Huff) must prepare a response to the questions by July 1, 2019. Following the response to questions, the IPCB will schedule a pre-hearings conference in order to set the date/time for public hearings.
 - The DRSCW has submitted written comments on the original version of the proposed amendment to IPCB.

17. Other Activities

- Website – We are updating the website and database portal. Staff will email the DRSCW General Membership list when the new website is active.
- Cal Tar Sealants Update – SB 1184 was referred to assignments on April 20, 2019. No action on the bill will likely take place this legislative session.
- ACOE DuPage River Feasibility Study – The ACOE released an updated Draft DuPage River, Illinois Feasibility Report and Integrated Environmental Assessment dated April 2019 and requested public comment. The updated study included the construction of a restriction on Lacey Creek as a recommended structural component. The DRSCW submitted comments on the revised study. The President of the DRSCW reviewed comments prior to submittal.
- Newsletter—*A newsletter is planned for Summer 2019.*
- Utility Management – No update at this time

18. Business Items (new business)

- **Invoice Payments from April 25, 2019 through May 31, 2019 (approved by the Board)**

Vendor/Project	Invoice Number	Amount (\$)	Status
Aileron - Fullersburg Dam Modification	1633	6,502.78	Approved
AJ Gallagher - D&O Insurance	3009541	1,000.00	Approved
Andrew Ragas – DRSCW Website Re-Design	May/June	2160.00	Approved
Baxter & Woodman - CL BMP Survey	205518	1710.00	Approved
Fortin Consulting - Level II CL Workshop	3264	2740.26	Approved
MBI - Oak Meadows Post Proj. Monitoring	1587 & 1625	5,943.19	Approved
MBI - Salt Creek 2019 Bio & Habitat Monitoring	1661	9,567.86	Approved
MBI - IPS Update	1660	27,585.74	Pending
HACH - Probe Maintenance	Dtd 5/9/19	10,556.15	Approved

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The Hartford - Crime Insurance	Dtd 5/6/19	506	Approved
V3 Companies - Fawell Dam Modification	219109	1911.01	Approved

- **Financial reports through May 31, 2019** (Attachment 2).
- **Membership Dues Payments Update (through June 18, 2019)** (Attachment 3).
 - Member and Special Condition Invoices have been mailed. Associate Member invoices will be mailed in July 2019.
- **Lauterbach & Amen audit** – The Board has approved the FY2018/2019 financial audit conducted by Lauterbach & Amen; and it will be posted on the DRSCW website for your review.
- ***TCF Staffing Contract*** – *The July 1, 2019 to June 30, 2020 contract with TCF for staffing will be under the budgeted amounts approved by the DRSCW at our February Annual Meeting.*

19. DRSCW Calendar, Presentations and Press Coverage

- May 16, 2019 – IPS Update, Lower DuPage River Watershed Coalition, Plainfield, IL (McCracken)
- May 21-22, 2019 – D. Doohaluk attended the Emerging Contaminants in the Environment Conference at the UI-UC
- May 23, 2019 – SaltSmart, APWA, Villa Park, IL (McCracken and J. Hammer)
- May 28, 2019 – Graue Mill Public Outreach Research, Forest Preserve District of DuPage County Board of Commissioners Planning Session, Naperville, IL (Doohaluk and Aileron)
- May 29, 2019 – Modifying the Graue Mill Dam, The Conservation Foundation Board, Naperville, IL (Doohaluk)
- *June 21-24, 2019 – Deanna Doohaluk, Nancy Cinatl, and Jennifer Hammer attended River Rally in Cleveland, Ohio*
- An abstract titled “Optimizing Local Investments for Meeting In-Stream Designated Uses” was accepted for the 2019 WEFTEC conference in Chicago.

20. Workgroup Meeting Schedules

August 28, 2019 from 9AM-11AM
 October 30, 2019 from 9AM-11AM
 December 11, 2019 from 9AM-11AM
 February 26, 2020 from 9AM-11AM

Mary Beth Falsey made a motion to adjourn at 10:49am, seconded by Sue Baert, accepted unanimously.

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Attachment 1.

Dave Gorman called the meeting to order at 9:04am. Attendees introduced themselves.

1. **Approval of June 26, 2019 meeting minutes** (Attachment 1). *The agenda from the June 26, 2019 was accidentally included in the meeting packet and not the minutes. The minutes from both the June 26, 2019 and the August 28, 2019 will be included in the meeting packet for October 30, 2019 for approval at the October meeting.*

2. **Thanks to Members** – Sonde Housing installation at Baily Road, Naperville (Wheaton Sanitary District), housings for Manta Sondes (DGSD), housing for DO sondes (Addison), Salt Creek continuous data (MWRDGC), work on the DO program (DC SWM and DC PW) and data and images of Graue Mill Dam and its environs (FPDDC). Also, thanks to Nick Arrowsmith (intern for summer 2019).

3. **The effect of floods on ecosystem metabolism in suburban streams**
Urban streams experience rapid changes in flow during flood events, which can affect ecosystem function and stream metabolism (i.e., gross primary production, ecosystem respiration, and net ecosystem production). The presentation will focus on the results of stream metabolism calculations from continuous dissolved oxygen measurements in the DuPage River and Salt Creek. The presentation will also highlight the biophysical effects of flood events on stream metabolism.
Presenter: Karoline Qasem, PhD, Senior Staff Professional, Geosyntec Consultants

4. **Spring Brook Restoration Phase 2.**
Construction is ongoing with Spring Brook Phase 2 (a project in the DRSCW's special conditions). Presentation will cover progress to date and next steps and project schedule.
Presenter: Erik Neidy, Director of Natural Resources, Forest Preserve District of DuPage County.

5. **TCF Contract Update** – The 2019/20 Draft TCF contract and a cover letter summarizing the difference between the 2018/19 and 2019/20 contracts with TCF are included in Attachment 2.
 - The Board requests that the General Membership approve the TCF contract. *L. Cox made a motion to approve the TCF contract as presented. D. Streicher seconded the motion. J. Hammer abstained from the vote. Motion passed unanimously.*
 - Monica Rockstroh has resigned her position with TCF. Staff is reviewing how this will impact the contract and staffing levels. TCF staff (S. McCracken, J. Hammer, and D. Doohaluk) have discussed revamping the Communications Coordinator position to a Junior Scientist position to assist with field monitoring and NIP/NARP development work for the DRSCW, LDRWC, and LDWG.

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6. **TMDL Update** – The DuPage River/Salt Creek Watershed Final Draft TMDL Report (including the TMDL Watershed Implementation Plan with the nine-minimum elements) was submitted to the USEPA on 8/07/2019.

7. **NPDES Permit Special Conditions**
 - NPDES Permits and Reporting – No update at this time.
 - LDRWC – Final design and permitting for the Hammel Woods dam removal is ongoing.
 - Crest Hill – No update at this time.
 - Streamwood has been talking to staff about joining the DRSCW. Draft invoice has been sent to them and DRSCW staff will meet with Village staff in August to talk about the program.

8. **2020 Permit Negotiations** – Staff will schedule a meeting of the Special Condition Holders for late summer/early fall 2019. Place and agenda for the meeting to follow.

9. **Physical Project Update (ongoing)**
 - **Oak Meadows** – MBI will conduct post project sampling (Year 3) in August 2019. Next sampling will be done in 2021 as part of the Salt Creek Bioassessment.

 - **Fawell Dam Modification:** DC SWM is reviewing a request by the projects committee to allow a fish ramp to be attached inside one or more of the barrels of the dam’s culvert system. Issues such as increased debris snagging on the dam and increased water elevations upstream are potential negatives to the proposal. Initial modeling suggests that the addition of the ramp will not affect water elevations. Two other potential actions including the creation of a stilling pond using an inflatable weir and fish relocation are also on the table.

 - **Graue Mill Dam**
 - A contract with AECOM for \$281,747 was signed on June 26, 2019 following approval at the General Membership meeting.
 - Bathymetric survey, topographic survey, wetland delimitation and sediment sample collection have all been completed.
 - The FEQ model for Salt Creek has been received from DC SWM and forwarded to AECOM.
 - Pre-project biological and physical habitat sampling will be completed in August 2019.
 - Staff is reviewing a proposal from Aileron for outreach services during the Master Planning phase of this project. The proposal will be shared with the Project Committee.
 - Staff will work with FPDDC and the Project Committee on a strategy to connect municipal elected officials with FPDDC commissioners with a goal of expressing municipal support for the modification of the Graue Mill dam.

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- **Spring Brook Phase II** –Construction of the project has begun. Discussion on maintenance and the monitoring at the site (phases 1, 2 & perhaps 3) are continuing with the FPD.
 - *D. Streicher made a motion to authorize an aggregate of \$195,000 for the projects committee to use to assist the Forest Preserve District of DuPage County for Monitoring and Maintenance (M&M) of upland buffers and for biological/physical monitoring for Spring Brook Phase II. S. Baert seconded the motion. The motion passed unanimously. The Project Committee will be responsible for negotiation a contract not to exceed \$160,000 with the FPDDC for this work. The Executive Board will then need to approve the final contract.*

9. Physical Project Update (not yet started)

- **Lower East Branch** – No update at this time.
- **Lower West Branch** – No update at this time.

10. Nutrient Implantation Plan (NIP)

- **NSAC Update** – No update at this time.
- **Trading Analysis**
Point Source (PS) to PS Trading – No update at this time.

Stream Crediting Trading – Staff is in process of coordinating a meeting between MBI and the Trading Consultant team to discuss the feasibility of using the updated IPS for the stream crediting analysis.

Current (MWRD) Nutrient Trading Effort (INTI)– No update at this time.

- **IWEA NARP Workshop** – It is expected that a NARP workshop will be held in Fall 2019. Topic of the event is to be determined.
- **Related to Nutrient Trading** – As they are completed, please submit PDOPs and FSs to DRSCW staff.
- **QUAL2K Update**
 - Staff are preparing an RFP for updating the existing QUAL2K models for the East Branch DuPage River and Salt Creek to QUAL2W and the development of a QUAL2Wmodel for the West Branch DuPage River. The expected release date for the RFP is late summer/Fall 2019. Selection will be carried out by the Projects Committee.
 - Staff are requesting that Projects Committee be authorized to access the \$153,000 budgeted for this item. *L. Cox made a motion to authorize the*

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Project Committee access to the \$153,000 budgeted for the updates to the Qual2E models for Salt Creek and the East Branch DuPage River and the development of a QUAL2W model for the West Branch DuPage River. J. Hammer seconded the motion. The motion passed unanimously.

Staff will prepare an RFQ for the model update/creations. The Project Committee will be responsible for consultant selection and contract negotiations. The Project Committee and Staff will present the final project scope, contract and fees to the General Membership at the October 30, 2019 and solicit approval on the final scope and fees.

- **Non-Point Source Washoff Model**
 - Staff have received the leaf litter management data collected by DC SWM.
 - Staff is investigating the use of IPS for determining NPS impacts to headwater or and non-effluent dominated streams.

- **Expanded DO Monitoring Program** – The Expanded DO Monitoring Program has been completed at 6 sites on the East Branch (EB41, 33, 34, 21,25 & 29). Three additional sites (EB07, 31 & 32) will be sampled once weather and flow conditions are favorable. Expanded sampling includes gathering data on site chemistry (including for dissolved fractions of nutrients), benthic and sestonic algae and physical characteristics (substrate, depth, flow, exposure to UV).
 - Karen Clementi has left DEI for a job at Fox Metro WRD. As such, the \$10,000 contract with DEI for her assistance in this sampling which was authorized at the June 26, 2019 meeting will not be executed.

- **IPS Tool Update** – A draft report with the chemical thresholds redacted was supplied to IEPA on June 30th (in compliance with the deadline included in LDRWC Special Conditions). The documents had been reviewed by the Project Committee but the chemistry outputs need to be reviewed by the DRSCW in more detail. Staff met with MBI and DRWW to talk about next steps. MBI has requested an additional \$20,000 in funds to complete the IPS Model Update. Tasks include final documentation, prioritization of pollutants and projects and completion of the Power BI database. It is expected that the extra fee will be split between the DRSCW, LDRWC and the DRWW. The DRSCW Executive Board has authorized an increase of \$7,000 to the IPS Model Update budget (8.15.2019 Board Meeting).
 - Staff have suggested a peer review of parts of the IPS model (notably the nutrient thresholds) be completed by Kaiser and Associates (K&A). A scope and fee is being negotiated with K&A.
 - Staff requests the General Membership authorize up to \$10,000 to contract with K&A for a peer review of the IPS methodology. The Project Committee will review and

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approve the scope and fee prior to staff executing the contract. *L. Cox made a motion to authorize the Project Committee access of up to \$20,000 to enter into a contract with K&A for a technical review of the IPS methods for setting nutrient benchmarks for NE Illinois. S. Zehner seconded the motion. The motion passed unanimously. The Project Committee will be responsible for negotiating a contract not to exceed \$20,000 with K&A for this work. The Executive Board will then need to approve the final contract.*

11. Springfield Regulatory and Legislative Updates – No update at this time.

Non-Permit Activities

12. Bioassessment Plan

- MBI submitted a draft final Salt Creek 2016 report to Staff. Staff is reviewing it.
- East Branch Bioassessment – chemical, biological and physical data collection is ongoing in the East Branch watershed. Sediment sampling to follow in fall/winter.

13. Lower Salt Creek 319 Watershed Plan – CMAP submitted the Lower Salt Creek report to the IEPA. The final plan is available at <https://www.cmap.illinois.gov/programs/Ita/lower-salt-creek>

14. Upper Salt Creek 319 Watershed Plan – Staff will be applying for a 604 B grant in December. It was decided to forgo a 319 application, as it would have necessitated significant matching funds.

15. Monitoring

- The Enhanced DO Monitoring Program is on-going.
- Fecal coliform sampling in the East Branch DuPage River has been completed.
- New Conductivity Site – Placement of the stainless steel casing on the bridge at Baily Road in Naperville/West Branch DuPage is complete. Big thanks to Wheaton Sanitary District for placement of this housing (work coordinated by our intern). Housing was originally supplied by County Public Works and was on the St. Charles Road Bridge (East Branch DuPage River).
- DC SWM, partner agencies and staff have deployed summer DO monitoring sondes throughout the DRSCW area. Summer DO monitoring will continue through the end of September.
- The sample kit for 100 Plastic Rivers has been received and sampling will take place in August. The work is to produce data points for microplastic in our watersheds. As part of the program, staff will be responsible for the collection of the samples with analysis (including shipping) being covered by the University of Birmingham UK. The sample will be taken in September once the Bioassessment 2019 Phase 1 is complete and before sediment sampling commences.

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16. Chlorides

- Chloride Workshops
 - Save the Date Flyers have been sent out to likely attendees of our winter workshops.
 - Three speakers have been secured for the Public Roads workshop
 - If a member is interested in speaking at the Workshop on their winter program, please let staff know.
 - *Registration for the chloride workshops will open by August 31, 2019. Registration information will be emailed to the DRSCW General Membership and all past participants. A flyer for the Road workshop is available at the back of the room. Please share the registration information with your staff, private contractors and others who would benefit from attending the Public Roads and Parking Lots and Sidewalks Chloride Reduction Workshops.*
- 2018-19 BMP report – A final report has been produced by Baxter and Woodman. The report has been reviewed by staff and accepted.
- Tollway Offset – Waiting for Elmhurst to complete data entry into the BMP model.
- SB2138 (liability for contractors) – No update at this time.
- Sensible Salting Committee – No update at this time.
- TLWQS for Chlorides – No update at this time.
- ILR00 and Chlorides – No update at this time.
- Proposed Chloride Standards – No update at this time.
- Staff is working with Baxter & Woodman on a scope and fee to document chloride reduction in the DRSCW over the last decade. Scope would cover statistical modeling of chlorides against variables (number of call outs, weather, application rates, etc.). The scope will also include assistance with workshops and the development of materials for public works on area application rates.
 - Staff requests the General Membership to authorize \$40,000 to develop a report on TMDL implementation to date. \$12,530 of these funds would be a contract with Baxter and Woodman for assistance with workshops, the chloride trend analysis study and report. The Chloride Committee will review the scope and fee prior to staff executing the contract. Money would come out of the DRSCW Activities Fund (see 2019-20 Budget summary page. Page 6). *N. Menninga made a motion to authorize the Chloride Committee access of up to \$40,000 for the preparation of a trends analysis for chlorides and supporting chloride-focused work in the DRSCW watersheds. D. Streicher seconded the motion. The motion passed unanimously.*

17. Other Activities

- Website – We are updating the website and database portal.
- Cal Tar Sealants Update – No update at this time.

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- ACOE DuPage River Feasibility Study – The ACOE provided a written response to the comments submitted by the DRSCW.
- Newsletter—No update at this time.
- Utility Management – No update at this time.

18. Business Items (new business)

- **Invoice Payments from June 1, 2019 through August 15, 2019 (approved by the Board)**

Vendor/Project	Invoice Number	Amount (\$)
AECOM - Fullersburg Dam Restoration	2000244631	47,373.84
Andrew Ragas - Website Redesign	May 1 & June 1 Inv	2,160.00
Baxter & Woodman - Tollway MOU	205518	1710.00
Baxter & Woodman - POTW Chloride	206714	320.00
Baxter & Woodman - POTW Chloride	207342	677.12
ETP Labs, Inc. - MS4 Support - Fecal Coliform	19-52235 & 39	437.00
ETP Labs, Inc. - MS4 Support - Fecal Coliform	19-52249 & 51	322.00
Lauterbach & Amen - 2018-19 Audit & Tax Return	37528	7,310.00
Microbac - EB Chemical Sampling	LA9H00259	27,382.00
The Conservation Foundation - Staff Salaries, etc.	July	20,313.60
The Conservation Foundation - Staff Salaries, etc.	August	19,467.51
V3 Companies - Fawell Dam Modification	319122	446.14
V3 Companies - Fawell Dam Modification	419239	3,677.52
V3 Companies - Fawell Dam Modification	519193	3,088.10

- **Financial reports through July 2019** (Attachment 3).
- **Membership Dues Payments Update (through August 21, 2019)** (Attachment 4).
 - Reminders have been sent to agency members. Affiliate dues are being received.
- **Tax Returns** – The DRSCW Board has reviewed and approved the tax returns. Tax returns will be filed. *The accountant who completed the tax returns has been paid for these services.*
- **Financial Audit** – *The accountant has also completed the financial audit and has been paid for the completed services.*
- **DRSCW Executive Board vacancy** – *Sergio Serafino with MWRDGC has been asked to fill the vacancy left by the retirement of J. Knudsen (Village of Carol Stream) on the DRSCW Executive Board. S. Serafino has accepted the Executive Board position.*

19. DRSCW Calendar, Presentations and Press Coverage

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- Parking Lots and Sidewalks Winter Salt Management October 17th at DuPage DOT facility.
- Public Roads Winter Salt Management Workshop October 24th at DuPage DOT facility.
- “Optimizing Local Investments for Meeting In-Stream Designated Uses” WEFTEC September 2019 conference in Chicago.
- Chloride Management Presentation for the Illinois Association of Wastewater Agencies (IAWA). Tentatively scheduled for the November 8 quarterly technical meeting.
- *A reporter with major news publications has interviewed S. McCracken about the work of the DRSCW for an article he was writing on phosphorus. He was made aware of the DRSCW activities from text submitted by S. McCracken to the Illinois Nutrient Loss Reduction Strategy and a recommendation from IEPA staff. Member agencies including Glenbard Wastewater Authority provided photographs for the article. If published, staff will forward the article to the DRSCW General Membership.*

20. Workgroup Meeting Schedules

October 30, 2019 from 9AM-11AM
December 11, 2019 from 9AM-11AM
February 26, 2020 from 9AM-11AM
April 29, 2020 from 9AM-11AM

N. Menninga made a motion to adjourn the meeting 10:58am. S. Baert seconded the motion. The motion passed unanimously.

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October 30, 2019
9:00-11:00 AM
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Dave Gorman called the meeting to order at 9:09am. Attendees introduced themselves.

1. **Approval of June 26, 2019 and August 28, 2019 meeting minutes** (Attachment 1 & 1B). *Nick Menninga made a motion to accept the June 26, 2019 and August 28, 2019 as presented. Sue Baert seconded the motion. The motion passed unanimously.*

2. **Phosphorus Reductions through Leaf Litter Management**
Since 2013, the U.S. Geological Survey has been measuring the reduction of phosphorus and other nutrients in stormwater through municipal leaf collection practices. This research is being used by local and state officials to better understand the contribution of phosphorus to urban stormwater from leaf litter and to quantify reductions as a result of leaf collection. Results of the research have been used to establish statewide phosphorus reduction credits for qualifying cities as a way to achieve phosphorus reduction goals identified in a TMDL.
Presenter: Bill Selbig, United States Geological Service

3. **What's growing in Salt Creek?**
In the summer of 2019, MBI staff noticed a white "fungus" growing on Salt Creek near its confluence with the Des Plaines River. This presentation will discuss how the white substance was identified and what steps are being done to remediate the problem.
Presenter: Deanna Doohaluk, Watershed Project Manager, TCF/DRSCW

4. **TMDL Update** – The DuPage River/Salt Creek Watershed Final Draft TMDL Report has been approved by the USEPA (Attachment 2). The TMDL Watershed Implementation Plan (Section 8) is still under review and the Agency (IEPA) expects to hear from Region 5 on it soon. IEPA and TetraTech are preparing the Final TMDL Report for printing/posting on the web.

5. **NPDES Permit Special Conditions**
 - **NPDES Permits and Reporting**
 - MWRDGC – MWRDGC has paid member dues and the studies special assessment. The MWRD Hanover Park WRP and Egan WRP permits have been released for public comment. The language included in the MWRD permits associated with DRSCW activities is identical to that included in other DRSCW member permits.

6. **2020 Permit Negotiations** – Staff will schedule a Special Condition Permit Holder meeting prior to the end of 2019. Draft agenda items include IPS update including benchmarks for nutrients and potential scenarios/options for the 2020 permit negotiations.

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7. Physical Project Update (ongoing)

- **Oak Meadows** – awaiting data from 2019 sampling.

- **Fawell Dam Modification:** County Stormwater has given the nod to investigating the placement of the stainless steel baffle system inside one of the culvert barrels. Issues such as increased debris snagging on the dam and increased water elevations upstream are potential negatives to the proposal. Project team has presented the baffle system idea to IDNR-OWR and is waiting on confirmation that there are no “fatal flaw” regulatory issues. Assuming we hear back from IDNR-OWR in the next week or so, project team plans to fly Mr. Boyd Kynard to Chicago to review the site, provide more information about the baffle system and discuss logical next steps. This may involve independent testing at the Urban Stream Research Center while final design and permitting progress. Mr. Kynard’s visit will occur after IDNR signals that they have no issues with the concept.

- **Graue Mill Dam**
 - The data from the Bathymetric survey, topographic survey and wetland delimitation has been turned in map form.
 - Data from the sediment quality sampling has been delivered to the consultant.
 - County DSM has supplied us with FEQ model data relevant to the project, which has been provided to AECOM. AECOM has the model up and running and has modeled a variety of flood conditions so that we can be acquainted with the character of flood hydraulics at the dam and in the river system.
 - Pre-project biological and physical habitat sampling was completed in September.
 - Staff has negotiated a contract/proposal with Aileron to continue our outreach campaign. Scope of work will include the preparation of two news articles and the facilitation of the public meetings. The Project Committee *and Executive Board* has reviewed and approved Aileron’s proposal.
 - Staff requested that the General Membership authorize \$16,500 for Aileron to continue the outreach campaign. *Nick Menninga made a motion to approve the release of \$16,500 to allow Staff to enter into a contract with Aileron for Phase 2 of the Graue Mill Dam Modification Outreach Campaign. Dennis Streicher seconded the motion. The motion passed unanimously. (The value of the signed contract is \$16,000).*

- **Spring Brook Phase II** – A draft agreement with the FPD is being prepped for review by the Projects Committee. *Construction of the stream restoration downstream of the dam/impoundment is ongoing. Construction of the by-pass channel and upstream stream channel is expected to begin soon. Expected date for the completion of the construction is December 31, 2019. However, there are plans to allow vegetation in the new constructed stream channel to establish prior to re-directing flow. It is expected that flow will be directed into the new channel in the Summer of 2020.*

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8. Physical Project Update (not yet started)

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

9. Nutrient Implantation Plan (NIP)

- **NSAC Update** – No update at this time.

- **Trading Analysis**
Point Source (PS) to PS Trading – No update at this time.

Stream Crediting Trading – Staff have provided the draft IPS document to the trading team.

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

USEPA National Water Quality Trading Policy – The USEPA has published in the Federal Register a request for comments on addressing “baseline” issues in watersheds with EPA-approved TMDLs where policy makers would like to pursue water quality trading as a regulatory option for NPDES permit compliance. Comments are due on November 18, 2019. Staff participated in the October 21, 2019 listening session via webinar and plans on submitting comments on the proposed changes to baselines.

- IWEA NARP Workshop – A workshop on the NARP is scheduled for November 14, 2019 in Joliet. Registration for the NARP workshop is required and is located at https://www.memberleap.com/members/evr/reg_event.php?orgcode=IWEA&evid=18468987. The agenda for the November 14, 2019 NARP meeting will be posted to the above registration page when available.

- **Related to Nutrient Trading** – As they are completed, please submit PDOPs and FSs to DRSCW staff.

- **QUAL2K Update**
 - DRSCW issued a RFP for this project on September 17. Submittals were due October 11, 2019 and 3 submittals were received: Geosyntec, LimnoTech, and Tetra Tech. Staff will present the selected consultant, their proposed scope and fees to the General Membership at the meeting.
 - Staff are requesting that the General Membership authorize Staff to enter into contract with the selected consultant and authorize the release of

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funds from the DRSCW budget as presented at meeting. *Steve Zehner made a motion to authorize staff to negotiate a contract with Tetra Tech not to exceed \$183,000 for the updates of the East Branch DuPage River and Salt Creek QUAL2K models to QUAL2Kw, and also the development of a QUAL2Kw model for the West Branch DuPage River. The motion also authorized the DRSCW Executive Board to determine how to fund (either from a combination of General Funds and Special Condition funds or solely from the General Funds) the development of the West Branch DuPage River model. Jennifer Hammer seconded the motion. The motion passed unanimously.*

- **Non-Point Source Washoff Model**
 - Staff have received the leaf litter management data collected by DC SWM.
 - Staff is investigating the use of IPS for determining NPS impacts to headwater and non-effluent dominated streams.
- **Expanded DO Monitoring Program** – Due to rainfall and high flows, the Expanded DO Monitoring Program was not able to be completed at 3 sites (EB07, 31 & 32).
- **IPS Tool Update** – The Board/General membership authorized an additional \$7,000 for this item last meeting. The LDPWC voted in September to authorize an additional \$7,000 match from their funds. The North Branch Watershed Workgroup (NBWW) is reviewing adding \$7,000. Staff will work with the NBWW to prepare an MOU to cover the transfer of funds from the NBWW to the DRSCW and from DRSCW to MBI once the work is completed.
 - Peer Review- A contract has been signed with Kaiser and Associates for \$11,000. Staff has provided K&A with materials, including data, reports and summaries of the methodology employed. MBI is generating additional information needed for the review. The completing date for the review is October 31, 2019 but this is contingent on getting the final requested items from MBI.

10. Springfield Regulatory and Legislative Updates – No update at this time.

Non-Permit Activities

11. Bioassessment Plan

- Staff has sent final comments on the draft final Salt Creek 2016 report to MBI.
- East Branch Bioassessment – Chemical, biological and physical data collection in the East Branch watershed is finished for 2019. Sediment sampling has started.
- *Chemical and physical data was also collected at three reference sites. MBI was unable to collect the biological data at the reference sites due to high stream flows.*

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12. **Lower Salt Creek 319 Watershed Plan** – The IEPA approved the Lower Salt Creek Watershed-Based Plan on May 6, 2019. The final plan is available at <https://www.cmap.illinois.gov/programs/lta/lower-salt-creek>.

13. **Upper Salt Creek 319 Watershed Plan** – Staff will be applying for a 604 B grant in December. Staff decided to forgo a 319 application, as it would have necessitated significant matching funds.

14. Monitoring

- Fecal coliform sampling in the East Branch DuPage River is complete.
- Conductivity monitoring will begin on December 1, 2019.
- Summer DO monitoring concluded in October 2019.
- Staff will collect the plastics samples in October 2019.

15. Chlorides

- Workshop for Sidewalks and Parking Lots was held on October 17, 2019 and the Public Roads workshop was held on October 24, 2019. Thanks to DuPage DOT for hosting the events.
- Tollway Offset –Elmhurst has entered their data into the salt management model. The inputs are being reviewed 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 – No update at this time.
- ILR00 and Chlorides – No update at this time.
- Proposed Chloride Standards – J. Huff has withdrawn his proposal. No further action will be taken on updating the water quality standards for chloride at this time. New Federal criteria is under development.
- BMP and Loading Study – A contract has been signed with Baxter & Woodman to implement a scope of work to document chloride reduction over the last decade.

16. Other Activities

- Website – We are updating the website and database portal.
- Cal Tar Sealants Update – No update at this time.
- ACOE DuPage River Feasibility Study – No update at this time.
- Newsletter—Development is underway.
- Utility Management – No update at this time.

17. Business Items (new business)

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- **Invoice Payments from Aug. 16, 2019 through Oct. 30, 2019. (approved by the Board)**

Vendor/Project	Invoice Number	Amount (\$)
AECOM - Fullersburg Dam	2000254424	31,889.49
AECOM - Fullersburg Dam	2000278427	32,722.08
Andrew Ragas (website)	Oct. 1, 2019 Inv	280.00
JJW Engineering LLC - Funding Agreement with FPDDC	Sept. 2, 2019	400.00
Microbac - Trend Analysis (Grass Sample)	LA9H01164	45.00
Microbac - Trend Analysis (Carbohydrate Sample)	LA9I00099	437.00
Microbac - EB DuPage River	LA9I00207	12,745.00
Microbac - Expanded DO Monitoring	LA9I00205	3,931.00
Microbac - Fullersburg Woods Dam	LA9I00952	19,437.00
Microbac - Fullersburg Woods Dam	LA9I00959	2,034.00
Microbac - Fullersburg Woods Dam	LA9I00974	1,447.00
MBI - IPS Update	1689	24,602.76
MBI - IPS Update	1708	2,155.26
MBI - Salt Creek 2016 - Final	1590	6943.92
Secretary of State - Annual Filing Fee	Nov. 1, 2019	10.00
Stephen McCracken (HACH Service Agreement)	Inv. 11607285	11,500.00
Tetra Tech - Trading: Aug 26 - Dec, 31, 2018	51488934	11,416.21
The Conservation Foundation - Salary Exps	September	19,216.68
The Conservation Foundation - Salary Exps	October	18,302.46
The Conservation Foundation - Salary Exps (add'l due)	Sept/Oct	614.75
The Conservation Foundation - 1st Qtr Exps	Jan - Mar	3,386.77
The Conservation Foundation - 2nd Qtr Exps	April - June	2,495.61
V3 - Fawall Dam Modification Phase II	719157 & 619365	4,510.83
V3 - Fawall Dam Modification Phase II	819333	743.53
Village of Glen Ellyn – CL Workshop Overpmt	Refund	10.00

- **Financial reports through September 30, 2019** (Attachment 3).
- **Membership Dues Payments Update (through October 24, 2019)** (Attachment 4).
- **Environmental Scientist Position** – TCF will be advertising for a new Environmental Scientist position. This position will provide technical support to three watershed workgroups: DRSCW, LDWRC, and LDWG. Staff will email the job posting to the DRSCW General Membership email list when available. Please share with your networks.

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- ***Water and Waste Management Conference*** – Staff provided details on the *Water and Waste Management Conference* scheduled for February 17-19, 2020 in Hyderabad, India. If you are interested in learning more about the conference, please reach out to Sam Pappup at event@waterandwastemanagement.org.

18. DRSCW Calendar, Presentations and Press Coverage

- “Optimizing Local Investments for Meeting In-Stream Designated Uses” WEFTEC September 9, 2019.
- “Project Implementation and Aquatic Life Impacts” Salt Creek Chapter, ISPE, September 18, 2019
- Implementing Projects to Improve Aquatic Communities, Arlington Anglers Fishing Club, October 15, 2019.
- Parking Lots and Sidewalks Winter Salt Management, October 17, 2019 at County DOT facility.
- Public Roads Winter Salt Management Workshop October 24, 2019 at County DOT facility
- Chloride Management Presentation for the Illinois Association of Wastewater Agencies’ (IAWA). Tentatively scheduled for the November 8, 2019 quarterly technical meetings.
- Chloride Management for Facilities, IPRA Conference, Vernon Hills, November 14, 2019.

19. Workgroup Meeting Schedules

December 11, 2019 from 9AM-11AM
February 26, 2020 from 9AM-11AM
April 29, 2020 from 9AM-11AM
June 24, 2020 from 9AM-11AM
August 26, 2020 from 9AM-11AM

Nick Menninga made a motion to adjourn the meeting 10:56am. Dennis Streicher seconded the motion. The motion passed unanimously.

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Attachment 1

Dave Gorman called the meeting to order at 9:09am.

1. **Approval of October 30, 2019 meeting minutes** (Attachment 1). *Motion to accept the minutes made by Nick Menninga, seconded Steve Zehner, accepted unanimously.*

2. **Contaminants of Emerging Concern**

Contaminants of emerging concern (CECs) are chemicals and other materials that have been found in the environment, but whose risk to both aquatic life and people is not fully understood or regulated. CECs, including substances like pharmaceuticals and personal care products, microplastics, and PFAS, are increasingly causing concern due to their presence in both municipal water supplies and natural waters. This talk will provide an overview of multiple noteworthy CECs and their impacts, sources, and potential for remediation.

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

3. **TMDL Update** – The DuPage River/Salt Creek Watershed Final Draft TMDL Report has been approved by the USEPA. The TMDL Watershed Implementation Plan (Section 8) is still under review and the Agency (IEPA) expects to hear on it soon from Region 5. IEPA and Tetra Tech are preparing the Final TMDL Report for printing/posting on the web. Staff has reached out to the IEPA and was advised to submit a letter indicating our preference to use adaptive management closer to issuance of the permits for Naperville, Plainfield and Bolingbrook.

4. **NPDES Permit Special Conditions**

- **NPDES Permits and Reporting**

- MWRDGC – MWRDGC has paid member dues and the studies special assessment. DRSCW staff and MWRDGC are still in negotiations on the method in which their special condition project fees will be paid.

The MWRD Hanover Park WRP and Egan WRP permits have been released for public comment. The language included in the MWRD permits associated with DRSCW activities is identical to that included in other DRSCW member permits.

5. **2020 Permit Negotiations** – A meeting of the Special Condition Permit Holder meeting was held on December 6, 2019 at Lombard Village Offices from 9:00am-12:00pm. Agenda items included IPS update, NARPs, including benchmarks for nutrients and potential scenarios/options for the 2020 permit negotiations.

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

- **Oak Meadows** – Awaiting data from 2019 sampling
- **Fawell Dam Modification**
 - County Stormwater has assented to investigating the placement of the stainless steel baffle system inside one of the culvert barrels. Issues such as increased debris

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snagging on the dam and increased water elevations upstream are potential negatives to the proposal. IDNR-OWR has reviewed the concept of installing the baffle system and has not offered any objections to it. The Project Team is now scheduling with Mr. Boyd Kynard to visit the site, provide more information about the baffle system and discuss logical next steps. This may involve independent testing at the Urban Stream Research Center while final design and permitting progress.

- **Graue Mill Dam**
 - All fieldwork is completed (bathymetric and topographic survey, sediment sampling, and wetland delineation).
 - AECOM/AES has submitted the Draft Wetland Report to the DRSCW staff for review. Consultant hopes to submit the final report to the ACOE and DuPage County by mid-December 2019.
 - County DSM has supplied the DRSCW with FEQ model data relevant to the project and the DRSCW has forwarded the model to AECOM. AECOM will utilize the FEQ model to model a variety of flood conditions so that we can be acquainted with the character of flood hydraulics at the dam and in the river system.
 - AECOM has updated the project schedule. Conceptual design plans are expected by January 24, 2020 with renderings by mid-February 2020. Public design charrettes/meetings will follow in February/March 2020. Sediment analysis is ongoing with a draft Sediment Management plan expected early January 2020.
 - Staff has initiated a contract with Aileron for continued outreach associated with the project. Scope of work will include the preparation of two news articles and the facilitation of the public meetings.
 - MBI completed pre-project biological and physical habitat sampling in September 2019.
- **Spring Brook Phase II** – A draft agreement with the FPD is being prepared for review by the Projects Committee.

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.

9. Nutrient Implantation Plan (NIP)

- **NSAC Update** – No update.
- **Nutrient Loss Reduction Strategy (NLRS)** – Staff attended the 2019 NLRS Conference on December 3-4, 2019 in Springfield, Illinois.
- **Trading Analysis**
Point Source (PS) to PS Trading – No update at this time.

Stream Crediting Trading – Staff have provided the draft IPS document to the trading team.

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

USEPA National Water Quality Trading Policy – The USEPA has published in the Federal Register a request for comments on addressing “baseline” issues in watersheds with EPA-approved TMDLs where policy makers would like to pursue water quality trading as a regulatory option for NPDES permit compliance. Comments are due on December 18, 2019. Staff participated in the October 21, 2019 listening session via webinar and plans on submitting comments on the proposed changes to baselines.

- IWEA NARP Workshop – A workshop on the NARP was held on November 14, 2019 in Joliet. The agenda included a summary of information learned from the NARP questionnaire, a presentation of questions asked of the IEPA regarding NARPs, and a panel discussion of those with NARP provisions in their permits. N. Menninga represented the DRSCW on the panel.

- **Related to Nutrient Trading** – As they are completed, please submit PDOPs and FSs to DRSCW staff.

- **QUAL Model Update**
 - The DRSCW and LDWRC has signed a contract with Tetra Tech for the development of QUAL2Kw models for Salt Creek and the East Branch DuPage River, West Branch DuPage River and Lower DuPage River.
 - A project kick-off meeting was held on November 18, 2019. Task 1: Review of Existing Data and Identification of Data Needs has been initiated. The completion date for Task 1 is February/March 2020.
 - At the October 30, 2019 General Membership Meeting, the General Membership approved \$183,000 for the development of the three QUAL2Kw models for the DRSCW watersheds but authorized the Executive board to determine how to fund the additional \$30,090 needed above the \$152,910 budgeted for the model development in the Special Condition fund. At the November 20, 2019 Executive Board meeting, the Executive Board unanimously approved reallocating \$30,090 from the General Fund to the Special Condition fund (for the development of water quality models) to cover the additional costs of the development of a model for the West Branch DuPage River. This action increased the Special Condition line item for the water quality models from \$152,910 to \$183,000.

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- **Non-Point Source Washoff Model**
 - Staff have received the leaf litter questionnaire sent out by County Stormwater.
 - Staff is investigating the use of IPS for determining NPS impacts to headwater and non-effluent dominated streams.
- **Expanded DO Monitoring Program** – Due to rainfall and high flows, the Expanded DO Monitoring Program was not completed at three sites (EB07, 31 & 32). The program will continue in the West Branch DuPage River watershed in 2020.
- **IPS Model Update** – MBI is working on the prioritization of stressors, finalizing the database and drafting the user manual. MBI submitted a draft of Chapter 4 Nutrient Threshold Development for staff to review. The remaining chapters of the IPS user manual are forthcoming. An MOU has been signed with the North Branch Workgroup to share the costs of finalization of the analysis and its documentation with the DRSCW and the Lower DuPage River Watershed Coalition.
 - Peer Review- K&A is waiting on one outstanding item from MBI needed for the peer review. K&A expects the peer review to be completed by the end of the year.

10. Springfield Regulatory and Legislative Updates – No update at this time.

Non-Permit Activities

11. Bioassessment Plan

- Staff has sent final comments on the draft final Salt Creek 2016 report to MBI.
- East Branch Bioassessment – Chemical, biological and physical data collection in the East Branch watershed is finished for 2019. Sediment sampling has started. To date, staff has sampled 10 of the 14 sites for sediment. Staff plans to sample the remaining sites in December 2019 pending weather and flow conditions.
 - A request to the East Branch POTWs for DMR data is forthcoming.
- Chemical and physical data was collected at three reference sites. MBI was unable to collect the biological data at the reference sites due to high stream flows.
- The West Branch DuPage River bioassessment is scheduled for 2020.

12. Upper Salt Creek 319 Watershed Plan – Staff will be applying for a 604 B grant in December. Staff decided to forgo a 319 application, as it would have necessitated significant matching funds. Applications are due on January 15, 2020.

13. Monitoring

- Fecal coliform sampling in the East Branch DuPage River has been completed.
- Conductivity monitoring will begin in early December 2019.
- Summer DO monitoring concluded in October 2019.

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- The plastics sample will be collected in December 2019 (weather dependent).

14. Chlorides

- Workshop for Sidewalks and Parking Lots was held on October 17, 2019 and the Public Roads workshop was held on October 24, 2019. Thanks to DuPage DOT for hosting the events. The Chloride Committee held a conference call on November 12, 2019 to discuss the chloride workshops.
- Next year's dates have been selected and need to be vetted by the Chloride committee. The review team has recommended moving the dates up by one week and perhaps holding two roads workshops. *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. The inputs are being reviewed 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 – No update at this time.
- ILR00 and Chlorides – No update at this time.
- BMP and Loading Study – A meeting with the team overseeing this work will be held in early December 2019 to discuss additional data needs and methodology for the completion of the report.
- *Thank you to Woodridge, Lisle, and Lombard for providing samples from your street sweepers' first sweep of the spring season. These samples will be analyzed for chlorides in order to quantify how much salt/chlorides is removed from the streets by street sweeping. Results will be shared with DRSCW.*

15. Other Activities

- Website – We are updating the website and database portal.
- Cal Tar Sealants Update – No update at this time.
- ACOE DuPage River Feasibility Study – No update at this time.
- Newsletter—Development is underway.
- Utility Management – No update at this time.

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16. Business Items (new business)

- **Invoice Payments from October 31 through November 30, 2019. (approved by the Board)**

Vendor/Project	Invoice Number	Amount (\$)
Vendor/Project	Invoice Number	Amount (\$)
Baxter & Woodman - Chloride Program 2019	208525	498.75
Baxter & Woodman - CL Committee Workshop Planning	209401	283.50
Jeff Pieroni -Deicing Workshop Expenses	N/A	131.51
Kieser & Associates - IPS Tool Peer Review	19-148	6,935.00
V3 - Fawell	919353	793.12
V3 - Fawell	1019467	297.42
The Verdict Restaurant - Breakfast for 2 Workshops	N/A	3,465.00

- **Financial reports through November 30, 2019** (Attachment 3).
- **Membership Dues Payments Update (through December 4, 2019)** (Attachment 4).
- **Slate of officers and Members-at-Large FYE 2020 (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 – Sergio Serafino, MWRDGC
 - At Large – Nick Menninga, Downers Grove Sanitary District
 - At Large – Steve Zehner, Robinson Engineering, Inc.
- **Environmental Scientist Position** – The position for the Watershed Scientist position was posted and closed on November 22, 2019. This position is a technical position that will assist with the development of NIPs/NARPs for the DRSCW, LDRWC, and LDWG. To date more than 41 resumes have been received. TCF staff (including the DRSCW staff) hope to conduct the first round of phone interviews in mid-December 2019 with the goal of the Watershed Scientist starting by the end of January 2020.

17. DRSCW Calendar, Presentations and Press Coverage

- Chloride Management Presentation, Illinois Association of Wastewater Agencies (IAWA), November 8, 2019. (S. McCracken)

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- Implementing Projects to Improve Aquatic Communities, Xylem with Beijing Drainage Group, November 8, 2019 (D. Doohaluk)
- Chloride Management for Facilities, IPRA Conference, Vernon Hills, November 14, 2019 (S. McCracken & Scott Weber, Hanover Park)
- IWEA NARP Workshop, Joliet, Illinois, November 14, 2019. (D. Doohaluk and N. Menninga)
- Chloride Management for Facilities, Sear Center, Hoffman Estates, December 19, 2019 (S. McCracken & Scott Weber, Hanover Park)

18. Workgroup Meeting Schedules

February 26, 2020 from 9AM-11AM
April 29, 2020 from 9AM-11AM
June 24, 2020 from 9AM-11AM
August 26, 2020 from 9AM-11AM
October 28, 2020 from 9AM-11AM
December 9, 2020 from 9AM-11AM

Nick Menninga made a motion to adjourn at 11:00am, seconded by Jennifer Hammer, accepted unanimously.