

**DuPage River Salt Creek Workgroup
Annual Meeting Agenda
Lombard Village Hall
February 28, 2018**

Equivalent of 1 PDH Recognized for Attendance

9:00-9:05 Welcome, Introductory Remarks
Dave Gorman – DRSCW President and Assistant Director of Public Works,
Village of Lombard

9:05-10:00 Annual Business Meeting

- **Approval of the minutes for the December 13, 2017 meeting (Attachment 1)**
Steve Zehner made a motion to approve the December 13, 2017 meeting minutes as presented; seconded by Larry Cox; motion carried unanimously.

- **Election of Officers and Members-at-Large, New Business**
 - 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.*Jennifer Hammer made a motion to approve the slate of officers and members at large as proposed; seconded by Larry Cox; motion carried unanimously.*

- **Adoption of FY 2018-2023-Budget, New Business**
 - Approval of the FY 18-19 Annual Dues Schedule and Annual Dues by Agency (Attachment 2). A 3% increase in Agency member annual dues is scheduled for FY 18-19. Associate member dues for all not-for-profit and government associate members will also increase by 3% in FY 18-19. Other associate member dues are budgeted to increase to \$200 per year in FY 18-19. A motion to approve the Dues Schedule is required.
Jennifer Hammer made a motion to approve the FY 18-19 Annual Dues Schedule and Annual Dues by Agency; seconded by Larry Cox; motion carried unanimously.
 - POTW Agency member project assessments related to the NPDES special conditions are on schedule.
Review and approval of the FY 2018-19 Budget (Attachment 3 – one-page budget summary). A motion to approve the Budget is required. *John Brechin made a motion to approve the FY18-19 Budget; seconded by Erik Neidy; motion carried unanimously.*

- The detailed Five Year Financial Plan for Fiscal Years 2018-2019 to 2022-2023 will be presented and discussed
<http://files.constantcontact.com/0fa48d3a001/0c4fd360fdf8-414a-a2bc-8e88df5e4fb5.pdf>). A motion to post the Five Year Financial Plan for information and planning purposes only is required. *Jennifer Hammer made a motion to post the Five Year Financial Plan for information and planning purposes only; seconded by Larry Cox; motion carried unanimously.*
- Financial Report December – January 2018 (Attachment 4)
Table of invoices paid

| Vendor/Project | Invoice Number | Amount (\$) |
|---|----------------|-------------|
| MBI -2015 West Branch Biological Survey | 1504 | \$9,111.07 |
| MBI -2016 Salt Creek Bio Assessment (6/18-8/26) | 1477 | 7,531.10 |
| MBI -2016 Salt Creek Bio Assessment (8/27 -11/4) | 1491 | 18,450.46 |
| MBI -2016 Salt Creek Bio Assessment (11/5 -12/31) | 1511 | 17,829.53 |
| MBI -IPS update | 1498 | 11,750.59 |
| MBI -IPS update | 1517 | 1,047.20 |
| Tech Tech -Nutrient Trading Program | 51257496 | 16,382.00 |
| The Conservation Foundation – ‘17-‘18 Exps | 12165 | 609.37 |
| V3 -Fawell Dam Phase II | 1017319 | 1,451.62 |
| V3 -Fawell Dam Phase II | 1117377 | 2,281.46 |
| Deanna Doohaluk -Staff Expenses | Dec | 66.2 |
| Tara Neff -Staff Expenses | Dec | 26.43 |
| Stephen McCracken -Staff Expenses | Jan | 137.48 |
| Deanna Doohaluk -Staff Expenses | Jan | 36.07 |

- **Appointment of Committee Chairpersons by incoming President, New Business**
 - 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 *Members are encouraged to participate in committees and can speak to any of the chairpersons for more information.*
- **Other business**
 - Newsletter (Attachment 5) *The newsletter was sent electronically to members on Monday and will be mailed to Mayors and Managers in DRSCW program area.*

- Lower DuPage update
RFP for professional environmental laboratory services to include contracts with DRSCW, Lower DuPage River Watershed Coalition (LDRWC) and Lower Des Plaines Watershed Group in progress. LDRWC is implementing Stream Nutrient Assessment Procedure (SNAP) this monitoring season.
- Lower Salt Creek watershed plan update. *Holly Hudson stated the plan will be completed and submitted to Illinois EPA for final review and approval in mid-March. All DRSCW projects and MWRD-GC's green infrastructure projects and property acquisition were included. CMAP and plan partners DCSWM, MWRD, DRSCW can post or provide a link to the document on their websites.*
- Chloride variance update. *The Illinois Pollution Control Board (IPCB) is finalizing the Time Limited Water Quality Standard and will start in the CAWS. Rishab Mahajan will send the DRSCW a link to the final language. The DRSCW is implementing TMDL plan and will not participate in TLWQS for chlorides.*
- Chloride Toxicity study. *Jim Huff will present at the April meeting. His study found robust aquatic life despite high chloride in winter months.*

Strand and Associates will present at the April meeting on the State of Wisconsin's experience with implementing a 0.1 mg/L at POTWs.

- TMDL Development. *Deanna Doohaluk stated the language DRSCW proposed regarding adaptive management for GB16 (Naperville, Bolingbrook, Plainfield) was included in the TMDLs. All TMDLs now include watershed based plans and while general language for water quality BMPs will be included, please ensure any GI plans you have get included; the DRSCW will send a table with the necessary information soon.*

Abel Haile stated IEPA will hold 3 public meetings, which will include 30 day public comment period. The first will be held in late May early June.

The 2004 DO TMDLs are also in effect. Dam modifications were the outcome of the DO analysis and required as part of the TMDL implementation.

- **DRSCW Calendar**

- February 28 – “DRSCW Projects and NPDES Permits” -CSWEA Government Affairs Seminar, Springfield, IL (Nick Menninga)
- March 1 – “Watershed Trading: DRSCW Progress” – IAWA mini-conference, Springfield, IL (Nick Menninga)
- March 1. “Management of Chloride TMDL in North Eastern Illinois”, National 303(d)/TMDL Webinar Series -Chloride TMDLs (Stephen)
- March 21 at 12:00pm -1:30pm CWP webinar “Stream and BMP Monitoring” Jeanine Nicarico Center – Meeting Room, 115 County Farm Rd, Wheaton, IL 60187 (hosted by County Stormwater and the DRSCW).
DuPage County Stormwater Management is hosting 3 additional CWP webinars – look for more information in their electronic bulletin.
- April 17 – “Nutrient Trading Framework Concepts” IWEA Watershed Management Track, Springfield, IL (Deanna)
- April 26 – “Developing a Collaborative, Data-Driven Trading Framework in the

DuPage River Salt Creek Watersheds” Sweet Water Clean Rivers Clean Lake Conference, Milwaukee, WI (Deanna)

- May 14th -CSWEA Annual Meeting – Presentation (not yet titled) and panel discussion on watershed management

- **Workgroup meeting schedule (9:00 AM start time)**

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

The DRSCW will investigate “field” meetings at The Morton Arboretum and Springbrook #1 this year.

- April 25, 2018
- June 27, 2018
- August 29, 2018
- October 31, 2018
- December 12, 2018
- February 27, 2019

10:00 – 11:00 Project Briefs

Slides associated with each project are available on the DRSCW website.

1. Permit Condition Review and Schedule (10 minutes). *Stephen McCracken discussed next steps as we enter the fourth year of the DRSCW’s special condition.*
2. Oak Meadows Monitoring (5 minutes). *Stephen McCracken noted a substantial improvement in QHEI, mIBI and the presence of five new macroinvertebrate species being found in the project area post project.*
3. Fawell Dam Modification Update (10 minutes). *Jennifer Hintze provided an update on the project and next steps which include geotechnical, structural and constructability analysis before permit applications are made to IDNR and DuPage County.*

After modification, this would eliminate barriers to fish passage on the mainstem West Branch DuPage River. After the Lower DuPage River Watershed Coalition removes the Hammel Woods Dam from the DuPage River, there would no dams on the main stem of branches and main stem of the DuPage River from Schaumburg to Channahon.

4. Spring Brook Phase II (8 minutes). *Erik Neidy reviewed and updated members on Springbrook Creek #1 Phases I and II. The Tollway continues to make stream and wetland restoration efforts here to mitigate construction projects and permitting is in progress for Phase II.*

Jessi DeMartini discussed the performance standard for functional lift related to fish and mussel transplants.

5. Graue Mill Dam on Salt Creek Concept Development (5 minutes). *Deanna Doohaluk stated the Forest Preserve District of DuPage County will update their five-year master plan by summer 2018. To capitalize on the FPDDC public outreach analysis, the DRSCW will implement its public outreach survey in winter 2018. Town Hall meetings will begin in spring 2019. DRSCW will develop a project website by fall 2018.*

Erik Neidy informed members the FPDDC will drawdown the impounded area in April/May to remove limestone that washed into the system from the trail.

6. Trading and Nutrient Implementation Plan (10 minutes)

Deanna Doohaluk reviewed progress of the Nutrient Implementation Plan (NIP) components and the scope change to more equally investigate point/point and point/projects trading. The DRSCW will ask associate members and others to participate in a roundtable discussion to develop and RFP for the washoff model. Additional information and monitoring is necessary to tackle nuisance algae impairments.

7. Chloride Reduction and Tollway Offset (10 minutes)

Tara Neff reminded members that the chloride reduction workshops not only address TMDL implementation and special condition requirements, but also a priority stressor to aquatic life identified by analyses of local data. Online public roads deicing questionnaires will be sent to all public agencies responsible for snow and ice management within the DRSCW program area.

Rick Radde was not able to attend the meeting. Stephen McCracken provided an update on the Tollway Chloride Offset program and the investments at Bensenville and Wood Dale.

Steve Zehner made a motion to adjourn the meeting at 10:40; seconded by Dennis Streicher, motion carried unanimously.

**DuPage River Salt Creek Workgroup
Lombard Village Hall
April 25, 2018
9:00 – 11:00 AM
Meeting Minutes**

Dave Gorman called the meeting to order at 9.00 AM

1. **Approval of February 28, 2018 Meeting Minutes (Attachment 1)** *Motion to accept minutes made by Nick Menninga, seconded by Rick Federighi, accepted unanimously.*

2. **Low Level Phosphorus Experience in Wisconsin Provides Valuable Data in Developing P-Removal Feasibility Studies for Bartlett and Bensenville**

Strand Associates, Inc. has been designing chemical and biological phosphorus removal facilities in Wisconsin since the early 1990s to meet a 1 mg/L limit. Recently, facilities in Wisconsin have had to begin complying with extremely low phosphorus effluent limits, some being as low as 0.04 to 0.07 mg/L. Our experience in helping our clients meet these very low level phosphorus limits, including pilot testing, has provided us with valuable knowledge and lessons learned associated with low level phosphorus removal technology. We have also evaluated trading, and other non-point source watershed options as well to reduce overall costs for achieving these limits. This information was used to develop the P-Removal Feasibility Studies for the Villages of Bartlett and Bensenville.

Presenter: Troy Stinson, Strand Associates

3. **Cold Temperature Chloride Toxicity Update**

A series of acute and chronic chloride invertebrate toxicity tests have been completed at 10 degrees C and 25 degrees C. The work has been funded by a consortium of organizations including the DRSCW. The results will be presented and a discussion of next steps will be offered.

James Huff, P.E., Principal, Huff & Huff, Inc. A subsidiary of GZA GeoEnvironmental, Inc.

The IPCB petition was made available for signatures at the rear of the meeting room

4. **NPDES Permits and Reporting**

- Naperville, Elmhurst and Wood Dale permits have not yet been issued.
- Itasca's permit was reissued and Carol Stream's was revised and is in its public comment period (no change in Special Conditions).
- 2017 Annual Report was submitted to the IEPA on March 31, 2018. The Annual Report was uploaded to the DRSCW website and sent to all Special Condition permit holders.

5. **Funding update (SB2081)**

6. **Projects Committee**

Physical Projects

- **Oak Meadows** – First year monitoring show a positive response for both QHEI and MIBI. Dissolved oxygen results also suggest a moderate improvement. A contract with MBI for post project sampling in 2018 & 2019 was drafted. Staff requests permission to sign a contract not to exceed \$10,600 to cover this item. *Dennis*

Streicher made a motion to grant permission to staff to sign the contract up to \$10,600, seconded by Jim Knudsen, accepted unanimously.

- **Fawell Dam Modification**

- The draft submittal was sent to IDNR. The plots show one out-of-bank increase of 0.05 ft in the area of Centennial Beach, downtown Naperville. Meetings were held with Naperville Park District and City of Naperville staffs to discuss this change, as well as to review the more frequent in-bank changes experienced under smaller storms. Neither agency expressed a concern about this change.
- The channel management draft report is complete. After changes suggested by IDNR are integrated, DRSCW will submit it to DuPage County Stormwater Management for review.
- The Tollway volunteered their engineering consultant (WSP) to carry out a fatal flaw analysis of the draft structural design. The report supplied some recommendations on the structure design and several for construction.

- **Graue Mill Dam on Salt Creek Concept Plan**

- Information for the project website is under development. Topics include the Clean Water Act, wastewater treatment processes, environmental impacts of dams and site-specific information such as project background, dam modification options, and alternatives analysis.
- Staff continues to review and update the survey language. The proposed release date for the survey is mid to late November.
- A Projects Committee meeting to discuss the Graue Mill Dam modification outreach process will be scheduled for early May 2018.

Physical Project Update (not yet started)

- **Spring Brook Phase II** – Permit submitted to Army Corps and Illinois DNR in September. Construction is scheduled to begin in 2019.
- **Lower East Branch** – No update at this time.

Nutrient Implantation Plan (NIP)

- **Trading Analysis** — Consultant team is analyzing PDOPs/Feasibility Studies for POTW characteristics and cost data. The team also began calculating cost differentials to determine supply and demand. A conference call with the Consultant Team was held on April 12 to discuss PS to PS feasibility results and next steps. A Projects Committee meeting to discuss trading will be held in early May 2018.

Consultant Team key staff change – Jim Klang left Kaiser and Associates as of January 1, 2018. He moved to TBL Consultants in Kalamazoo, MI. Discussions with Tetra Tech and Kaiser and Associates indicated that Jim will not be retained as a sub-consultant on the project. Mark Kaiser provided us with details on staff who will replace Jim on our project.

Current (MWRD) Nutrient Trading Effort – Current, a partnership between Chicago, MWRD, and World Business Chicago is advancing the nutrient trading effort

initiated by MWRD and IPCB. The first stakeholder group meeting is scheduled for April 26, 2018. Nick Menninga is a member of the stakeholder group.

- **Related to Nutrient Trading** – POTWs whose PDOPs and FSs are not due until late 2018 were asked to complete a questionnaire. Joliet's questionnaire is still needed. PDOPs for Bolingbrook #2 and #3 are due by July 1, 2018 and Minooka by May 1, 2018. Bolingbrook #1 PDOP and FS were due 9/22/2017 and have yet to be submitted
- **Non-Point Source Wash-off Model** – Deanna is in the process of drafting a RFQ for a Non-Point Source Feasibility Analysis Planning Session (provisionally scheduled for June 2018). Planning session topics include discussion on the strengths and weaknesses of water quality and nutrient loading models, consideration of other methods utilized to estimate nutrient inputs from non-point source pollution and the quantification and monitoring of reductions from BMP implementation.
- **QUAL2K Update** - No update at this time.
- **IPS Tool Update** – A review of current methodologies to compute impervious surfaces is underway. A list of GIS inputs was agreed upon with MBI and a review of land use files is underway.

Non-Special Condition Projects Committee Activities

7. Monitoring Committee

- Final 2015 West Branch Report was sent to stakeholders for final review. All edits received were integrated and staff generated updated chloride graphics for the report. Staff is reviewing the draft Salt Creek 2016 report.
- Resource Manager's Guide to Aquatic Bioassessment – under review.
- Staff is working with DuPage County staff on possible sonde purchase options. A comparison analysis between YSI and Eureka sondes was compiled. A recommendation is forthcoming. *Stephen said probe purchases would be made using the \$23,570 monitoring budget supplemented with approximately \$11,430 from the NIP monies in the special condition fund. Sondes would be used in NIP development. Motion to allow staff to access the funds as set out made by Larry Cox, seconded by Nick Menninga. Approved unanimously.*
- Staff is evaluating an early May DO probe management workshop.
- Member MS4 Activities Report – Deanna will coordinate with DCSM to provide information by mid-May 2018.

8. Chloride Reduction Committee

- Tollway Offset- A request from Elmhurst is being drafted. It would include allocations to offset the I-294 expansion.
- Revised Fact Sheets were produced and will be sent to the committee for review.
- Committee will meet in April to review a new chloride questionnaire.
- Winter deployment concluded.

9. Springfield Regulatory and Legislative Updates

A second staff visit to Springfield will occur before our next membership meeting. Discussion topics include 2017 Oak Meadows sampling results, Fawell Dam schedule, Nutrient Trading, nuisance condition assessment/SNAP methodology, and the IAWA/EAG/IEPA agreement.

10. TMDL Development for the DuPage River/Salt Creek

Staff solicited water quality projects from DRSCW and LDRWC stakeholders for inclusion in the Watershed-Based Plan Prioritized Action Plan that will be included in the TMDL Implementation Plan. These projects were submitted to the IEPA and Tetra Tech (TMDL contractor).

11. Watershed Committee Updates – West Branch, East Branch and Salt Creek

Lower Salt Creek 319 Watershed Plan -- CMAP plans to submit the final draft of the Lower Salt Creek 319 Watershed Plan to the IEPA by mid-April 2018. An early summer 2018 stakeholder meeting to facilitate plan implementation will be scheduled. CMAP hopes this meeting can be held in conjunction with another meeting hosted by DCSM or the DRSCW.

12. Other Activities

Coal Tar Sealants update – HB 2958/SB3509 was re-introduced into both chambers of the IL legislature. These bills would allow counties to ban the use of coal tar pavement product on all driveways and parking lots within the county. Both bills were not heard in committee during the recent session.

Deanna spoke on the ILR industrial permit being required by Waste Water facilities.

Mary Beth Falsey invited all members to attend a free Pollution Prevention Seminar for MS4 Communities to be held at Benedictine University on May 10th from 8.00 to noon.

13. Business Items (New Business)

Invoice payments February 15 through April 12, 2018 (approved by the Board)

| Vendor/Project | Invoice Number | Amount (\$) | Status |
|------------------------------|----------------|-------------|----------|
| Arthur J. Gallagher | 2394980 | 900.00 | Approved |
| Baxter & Woodman | 197762 | 695.00 | Approved |
| The Conservation Foundation | 1st Qtr | 543.41 | Approved |
| V3 Companies | 118319 | 815.37 | Approved |
| Deanna Doohaluk Exp Report | Feb | 50.31 | Approved |
| Deanna Doohaluk Exp Report | Mar | 100.44 | Approved |
| Stephen McCracken Exp Report | Feb | 292.31 | Approved |
| Stephen McCracken Exp Report | Mar | 318.89 | Approved |
| Tara Neff Exp Report | Feb | 46.35 | Approved |

- **Membership Dues 2018-2019** – Agency membership invoices were sent.
- **Financial Report through March 2018** – Attachment 2.
- **Board and Budget Update**
- **Newsletter** – Was mailed to all mayors and managers within the DRSCW program area.

14. DRSCW Calendar, Presentations and Press Coverage

- April 17 – “Nutrient Trading Framework Concepts” IWEA Watershed Management Track, Springfield, IL (Deanna)
- April 26 – “Developing a Collaborative, Data-Driven Trading Framework in the DuPage River Salt Creek Watersheds” Sweet Water Clean Rivers Clean Lake Conference, Milwaukee, WI (Deanna)
- May 14 - CSWEA Annual Meeting – Presentation (not yet titled) and panel discussion on watershed management (Deanna, Stephen, Nick)
- April 26- "What's Up With Water in Elmhurst?" -this is a discussion of public water supply, storm water and water quality matters in Salt Creek. League of Woman Voters, Elmhurst Public Library, Elmhurst, Ill. (Dennis Streicher).
- June 12th – “Chloride Management in DRSCW waterways” Upper Mississippi River Basin Association Water Quality Task Force (UMRBAWQTF) (Stephen)

15. Workgroup Meeting Schedule

- June 27, 2018 from 9AM-11AM – AT THE MORTON ARBORETUM
- August 29, 2018 from 9AM-11AM
- October 31, 2018 from 9AM-11AM
- December 12, 2018 from 9AM-11AM
- February 27, 2019 from 9AM-11AM – Annual Meeting

Nick Menninga made a motion to close the meeting, seconded by Dennis Streicher. Motion accepted unanimously. Meeting was closed at 10.55 AM.

DuPage River Salt Creek Workgroup
The Morton Arboretum
June 27, 2018
9:00 – 11:00 AM
Meeting Minutes

Dave Gorman called the meeting to order at 9:05 AM.

1. Approval of April 25, 2018 Meeting Minutes (Attachment 1) *Motion to accept the minutes made by Nick Menninga, seconded Steve Zehner, accepted unanimously.*

2. NPDES Permits and Reporting

- Naperville, Elmhurst and Wood Dale permits have not yet been issued. Staff are following up on all three.
- Itasca's permit was reissued (no change in Special Conditions). Itasca will be suspending treatment for bacteria for 4-8 weeks while their UV treatment system is moved and updated.
- 2017 Annual Report was submitted to the IEPA on March 31, 2018. The Annual Report was uploaded to the DRSCW website and sent to all Special Condition permit holders.

3. Funding update (SB2081) – No update at this time.

4. Projects Committee

Physical Projects (on-going)

- **Oak Meadows** – A contract with MBI for sampling in 2018 and 2019 is with MBI for signature. The FPD has issued their permit to allow sampling at the site. The final DRSCW payment is scheduled for the end of June.
- *The final payment for the Oak Meadows restoration will be presented to the FPDDC Board in the form of a big check at the July 10, 2018 meeting. The FPDDC Board meeting will be held at 8am at their headquarters in Wheaton.*
- **Fawell Dam Modification**
 - A draft scope for geophysical exploration at the site has been prepared and is under review by County Stormwater. The RFPs process will also be discussed with them. Collection of bore materials for chemical analysis will be added to the scope.
 - Structural plans have been requested by the IDNR permit review group and were provided by V3 last week. Staff are requesting that \$30,000 from the Fawell Dam funds be made available to cover the geophysical exploration and reporting. *Nick Menninga made a motion to authorize up to \$30,000 from the Fawell Dam funds be made available to cover the geotechnical exploration and reporting, seconded by Sue Baert, accepted unanimously.*
 - The Naperville Parks District and the City of Naperville have issued a formal letter in support of the project

- **Graue Mill Dam on Salt Creek Concept Plan**
 - Staff is developing information for the Project Website and topics include the Clean Water Act, wastewater treatment processes, environmental impacts of dams and site-specific information such as project background, dam modification options, and alternative analysis.
 - Staff continues to review and update the survey language. The proposed release date for the survey is mid to late November.
 - Staff will schedule a Projects Committee meeting to discuss the Graue Mill Dam modification outreach process in August 2018.
- **Spring Brook Phase II** – The FPDDC expects to receive the applicable permits from the Army Corps and Illinois DNR in June 2018. The Tollway is using this project in its entirety as mitigation and will therefore be funding the entire construction of Phase II (\$7.5 million). Additionally, the Tollway has agreed to fund the construction of Phase III of the Spring Brook project (\$2.5 million). Phase III will not be considered mitigation and construction will occur in 2020-2021.

DRSCW is working with FPDDC staff to determine if additional pre-construction biological and physical monitoring needs to occur in summer of 2018 to set a project baseline. If additional monitoring needs to be undertaken, DRSCW will coordinate with MBI to add this scope of work to our existing 2018 monitoring contract. DRSCW is also working with the FPDDC on how non- monitoring DRSCW funding will be applied to the project. The Board has authorized up to \$8000 be made available to cover any short-term costs for 2018 monitoring. *Dennis Streicher made a motion to authorize up to \$8,000 to cover additional pre-project monitoring at Springbrook Phase II, Steve Zehner seconded, accepted unanimously.*

Physical Project Update (not yet started)

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

Nutrient Implantation Plan (NIP)

NSAC Update – The NSAC is expected to release nutrients standards in early to mid-Summer 2018. The standards are calculated from “alternative, other lines of evidence” and not a stressor response analyses. The following 10 standards are expected to be released:

- Big River (north) – TN, TP, and Chl A
- Big River (south) – TN, TP, and Chl A
- Wadable Stream (north) – TN, TP
- Wadable Stream (south) – TN, TP

Trading Analysis – Staff held conference calls with the Consultant Team on May 22, 2018, May 25, 2018, and June 5, 2018. Additionally, the Project Committee was updated on the status of the trading analysis at their meeting on May 31, 2018.

Point Source (PS) to PS Trading – The Consultant team has completed their analysis of the submitted PDOPs/FSs and questionnaires. Costs for all POTWs have been added to the Net Present Value Costs (NPV) for the 3 Levels of Treatment (LOTs), incremental NPV costs, and cost curves for each LOT. A map depicting marginal cost ranges by watershed has also been produced. Consultant team is analyzing

PDOPs/Feasibility Studies for POTW characteristics and cost data. A final report summarizing these findings is being prepared.

Next steps for the PS to PS trading will be to: 1) set baselines and minimum control levels; 2) set geographical trading boundaries; 3) identification of “priority” buyers and sellers; and 4) discussions with “priority” buyers and sellers to discuss interest, level of risks, and preliminary framework structure.

Stream Crediting Trading – The Consultant Team has identified numerous issues that will require decisions by the DRSCW and concurrence from the IEPA. US EPA Region 5 and EAGs in order to set baselines for stream restoration crediting. A Project Committee will be set up to discuss these issues in July 2018.

Current (MWRD) Nutrient Trading Effort – Nick Menninga attended the first stakeholder group meeting on April 24, 2018. The goal of the meeting was to flesh out a schedule/work plan. Three sub-committees were identified but no delineated roles/responsibilities/relationships, etc. were decided.

- **Related to Nutrient Trading** – POTWs whose PDOPs and FSs are not due until late 2018 were asked to complete a questionnaire. Joliet’s questionnaire is outstanding. Bolingbrook requested, and was granted, an extension from the IEPA to submit the PDOPs for Bolingbrook #1, #2 and #3 by November 30, 2018. Minooka’s studies were due by May 1, 2018 and were submitted to the DRSCW/LDRWC.
- **Non-Point Source Wash-off Model** – Six Consultants submitted an SOQ for the Non-Point Source Feasibility Analysis Planning Session: Geosyntec (4 representatives), Hey and Associates (1 representative), Strand (2 representatives), CBBEL (3 representatives), Baxter & Woodman (1 representative) and TetraTech (3 representatives). Staff, the Project Committee Chair, and DCSM will review the SOQs and make the final selection for participation. The Planning Session will be held in July 2018. Topics for the planning session include a discussion on the strengths and weaknesses of water quality and nutrient loading models, consideration of other methods utilized to estimate nutrient inputs from non-point source pollution and the quantification and monitoring of reductions from BMP implementation.
- **QUAL2K Update** - No update at this time.
- **IPS Tool Update** – A database of all sites (DRSCW, LDPWC, DRWW, IEPA and reference sites) has been compiled, placed in a common format and reviewed for duplications and spatial accuracy. Drainage area has been calculated for each site. Talks with MBI and the projects committee are ongoing about how to use the sites to generate the land use inputs and identify other stressors.

Other Non-Special Condition Items

- **Utility Management** – No update at this time.

5. Monitoring Committee

- Four sondes have been purchased from Eureka and are expected to be delivered in early to mid-July. All four sondes will be equipped with a DO, temperature, pH, conductivity and turbidity sensor. Two sondes will also have a chlorophyll A sensor. Purchase was within budget.
- A DO probe management workshop was held on May 22, 2018 at the DuPage County Green Valley Plant and was attended by the majority of the DRSCW and LDRWC partner agencies. Staff will follow up directly with those partner agencies that were unable to attend.
- Member MS4 Report – The DRSCW MS4 activities reports were submitted to all members on May 10, 2018. A word version of the report has also been supplied to Cook County members.
- Staff are reviewing the 2016 Salt Creek Report.
- *The Monitoring Committee is looking for new members. If you are interested in joining the Monitoring Committee, please contact Deanna Doohaluk.*
- *Simon Christensen with DCSM has accepted a job in Oregon and will be leaving DCSM at the end of July 2018. The DRSCW is very appreciative of all of the work he has done for the continuous DO monitoring project and other DRSCW programs. He will be missed.*

6. Chloride Reduction Committee

- The Chloride Committee has reviewed and updated the chloride questionnaire. The mailing will go out next month. A copy of last year's replies will accompany the questionnaire mailing.
- Tollway Offset – Staff is working on formalizing Elmhurst's request.
- Revised Fact Sheets have been sent to the committee for review
- Toxicity Study Update – No update at this time.
- SB2138 (liability for contractors). – No update at this time.

7. Watershed Committee Updates – West Branch, East Branch and Salt Creek

Lower Salt Creek 319 Watershed Plan – CMAP will be submitting the final draft to the IEPA between June 15-19, 2019. A stakeholder meeting to facilitate plan implementation will be scheduled once the report is approved by the IEPA. CMAP hopes this meeting can be held in conjunction with another meeting hosted by DCSM or the DRSCW.

8. Springfield Regulatory and Legislative Updates – Stephen and Deanna met with IEPA staff on May 24, 2018.

9. TMDL Development for the DuPage River/Salt Creek – Staff has received and is reviewing the final Draft Stage 3 Report and Implementation Plan from the IEPA. Comments will be submitted to the IEPA in the near future. Once our comments have been incorporated, the TMDL report will be submitted to the US EPA Region 5 for review and comment. Following US EPA Region 5 approval, the IEPA will hold public hearings in the watershed to solicit additional comments.

10. Other Activities

- Website – Our website has had a number of issues since moving to its new hosting service. An incomplete transfer of content caused issues. We are working on resolving these issues. *The corrected website should be completed by the end of July 2018.*
- Cal Tar Sealants Update – HB 2958/SB3509 was not called for floor vote this session.
- The Conservation Foundation has hired Monica Rockstroh, formerly with Christopher Burke Engineering, to fill Tara’s position.

11. Business Items (New Business)

Invoice payments April 13 through June 13, 2018 (approved by the Board)

| Vendor/Project | Invoice Number | Amount (\$) | Status |
|---------------------------------|----------------|-------------|----------|
| HACH – Maintenance on 10 probes | 10941142 | 5645.00 | Approved |
| Lauterbach & Amen, LLP – Audit | 28522 | 6100.00 | Approved |
| V3 Companies | 218317 | 1694.76 | Approved |
| V3 Companies | 318322 | 866.32 | Approved |
| V3 Companies | 418438 | 962.51 | Approved |
| Deanna Doohaluk Exp Report | April | 347.28 | Approved |
| Deanna Doohaluk Exp Report | May | | Approved |
| Stephen McCracken Exp Report | April | 62.24 | Approved |
| Stephen McCracken Exp Report | May | | Approved |
| Tara Neff Exp Report | April | 191.81 | Approved |

- **Membership Dues 2018-2019** – Agency membership invoices were sent. *Reminders will be sent to members with outstanding unpaid invoices.*
- **Financial Report through May 2018** – Attachment 2.
- **Board and Budget Update** – Our Annual Audit has been completed and accepted by the Board.
- **The Conservation Foundation Contract** – Contract for 2018-19 forms Attachment 3. Item needs a vote for approval. *Larry Cox made a motion to approve the FY 18/19 contract with TCF, seconded by Dennis Striecher, accepted unanimously.*

12. DRSCW Calendar, Presentations and Press Coverage

- April 26 – “Developing a Collaborative, Data-Driven Trading Framework in the DuPage River Salt Creek Watersheds” Sweet Water Clean Rivers Clean Lake Conference, Milwaukee, WI (Deanna)
- May 14 - CSWEA Annual Meeting – Presentation entitled “Collaborative, Data-Driven Trading Framework in the DuPage River Salt Creek Watersheds” and “Watershed Wide Adaptive Implementation for meeting Biodiversity Goals of the Clean Water Act” and panel discussion on watershed management (Deanna, Stephen, Nick)
- April 26- "What's Up With Water in Elmhurst?"-this is a discussion of public water supply, storm water and water quality matters in Salt Creek. League of Woman Voters, Elmhurst Public Library, Elmhurst, Ill. (Dennis Streicher).
- June 8th – ASCE Sustainability Conference “Watershed Wide Adaptive Implementation for meeting Biodiversity Goals of the Clean Water Act”, Il Tollway HQ Downers Grove (Stephen)
- June 12th – “Chloride Management in DRSCW waterways” Upper Mississippi River Basin Association Water Quality Task Force (UMRBAWQTF) (Stephen)

13. Workgroup Meeting Schedule

- August 29, 2018 from 9AM-11AM
- October 31, 2018 from 9AM-11AM
- December 12, 2018 from 9AM-11AM
- February 27, 2019 from 9AM-11AM – Annual Meeting

Presentation – East Branch DuPage River Restoration at The Morton Arboretum

The Morton Arboretum has partnered with the US Army Corps of Engineers (ACOE) to restore the 1.5 mile stretch of river throughout 72 acres of the Arboretum. This 5-year project has included regrading riverbanks, installing structures such as riffle-pool, boulders, and woody debris, removing drain tiles, as well as introducing native vegetation throughout the project site. It is now in its third year, and the heavy construction phase is complete with native vegetation establishing.

A walking field trip to visit the restoration will follow an indoor presentation. Please be prepared to walk approx. one mile outdoors through the restoration site.

Presenter: Kurt Dreisilker, Head of Natural Resources at The Morton Arboretum

The project was funded using Continuing Authorities Program Section 206, Water Resources Development Act of 1996 focused on aquatic resource restoration. Section 206 provides a 65 percent Federal/35 percent non-Federal cost share for projects with a project limit of \$5,000,000. The Morton Arboretum used primarily the value of 72 acres of land supplemented by cash to meet their 35% of the match. The ACOE was the Design Engineer for the project and ENCAP was the construction general contractor. The ACOE worked with the Morton Arboretum staff on the project design and incorporated their ideas.

Nick Menniga made a motion to adjourn at 10:15am, seconded by Sue Baert, accepted unanimously.

DuPage River Salt Creek Workgroup
Lombard Village Hall
August 29, 2018
9:00-11:00 AM
Membership Meeting Minutes

Dave Gorman called the meeting to order at 9.00 AM

1. **Approval of June 27, 2018 meeting minutes** (Attachment 1). *Motion to accept minutes made by Nick Menninga, seconded by Steve Zehner, accepted unanimously.*

1. **Presentation:** Results of the 2016 Biological and Water Quality study of the Salt Creek Watershed. During 2016, the DRSCW carried out its comprehensive basin assessment for Salt Creek and tributaries. The assessment included surveys of the basin's fish and insect populations, physical habitat, water column and sediment chemistry and a review of the long term dissolved oxygen and POTW monitoring data. The presentation will look at long-term trends and how results compare to prior surveys.

Presenter: Chris Yoder, Research Director, Midwest Biodiversity Institute (Via web)

2. **Presentation: DuPage River Feasibility Study.** In July 31, 2018, the U.S. Army Corps of Engineers, Chicago District released for public review the "DuPage River Draft Detailed Project Report and Integrated Environmental Assessment." The plan identifies and evaluates promising flood mitigation projects in the upper and lower basins in the DuPage River. The report is available at www.lrc.usace.army.mil

Presenters: Erin Maloney and Imad Samara, Army Corps of Engineers

Comments on the study are due to the ACOE by Saturday, September 22, 2018. Comments can be emailed to dupageriver@usace.army.mil or mailed to USACOE, Chicago District, 231 S LaSalle St, Ste 1500, Chicago, IL 60604, ATTN: Planning Branch (DuPage River).

3. **TMDL Development for the DuPage River/Salt Creek Update** – TMDLs are with IEPA for review. Once IEPA is satisfied, they will send them to USEPA for review and final approval. Public meetings on the documents may be held as early as this winter.

NPDES Permit Special Conditions

4. NPDES Permits and Reporting

- Permits have been issued for Elmhurst and Wood Dale North containing our original language. No change in Naperville permit status.
- Crest Hill – Deanna and Stephen have been involved in negotiations with IEPA on behalf of Crest Hill in relation to the proposed expansion of their west plant.
- Itasca will be placing some temporary signage on Salt Creek alerting the public to changes in their UV treatment system. DRSCW staff assisted with developing the language and with liaison with the Forest Preserve.
- Representatives of the DRSCW met with MWRDGC upper management to discuss membership on August 21, 2018.

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5. Physical Project Update (ongoing)

- **Oak Meadows** – Biological sampling has been completed for the site in 2018.
- **Fawell Dam Modification**
 - County Stormwater has asked for time to review an alternative to modifying two of the three culverts. They have significant concerns that the structure would not survive the process of modification. Team will be meeting again this month to review the alternative.
 - A letter to IEPA on the project schedule is being drafted.
 - A Project Committee meeting to discuss the Fawell Dam modification project has been scheduled for September 13, 2018 from 10:00 AM-12:00 PM at Downers Grove Sanitary District.
- **Graue Mill Dam**
 - Staff is working on developing content for the project website. The material will cover the Project Website and topics include the Clean Water Act, wastewater treatment processes, environmental impacts of dams and site-specific information such as project background, dam modification options, and alternative analysis.
 - Staff continues to review and update the survey language. The proposed release date for the survey is mid to late November.
 - Staff are reviewing the contract with Bluestem
 - Staff will be doing a presentation to Trout Unlimited on the subject of the project on September 19th.
 - The FPDDC has released its report on the findings of their community survey that was conducted as part of their master planning process.
 - A Project Committee meeting focused on the Graue Mill Dam survey and outreach material has been scheduled for September 26, 2018 from 10:00 AM-12:00 PM at Downers Grove Sanitary District.
- **Spring Brook Phase II** – Pre-project monitoring at the site has started. Data from an earlier Natural History Survey monitoring will also be used to evaluate impacts. Thanks to the FPD for issuing the permit for the monitoring and assisting with site selection and access.

6. Physical Project Update (not yet started)

- **Lower East Branch** – No update.

10. Nutrient Implantation Plan (NIP)

- **NSAC Update** – No update.
- **Trading Analysis** – Staff held conference call with the Consultant Team on August 9, 2018.

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Point Source (PS) to PS Trading – The Consultant team has completed their analysis of the submitted PDOPs/FSs and questionnaires. Costs for all POTWs have been added to the Net Present Value Costs (NPV) for the 3 Levels of Treatment (LOTs), incremental NPV costs, and cost curves for each LOT. A map depicting marginal cost ranges by watershed has also been produced. A final memo summarizing this task has been submitted to staff and is under review. Once reviewed by staff, the final memo will be shared with the project committee.

Next steps for the PS to PS trading will be to determine if we want to 1) conduct additional detailed analysis including: setting baselines and minimum control levels; setting geographical trading boundaries; identification of “priority” buyers and sellers; and discussions with “priority” buyers and sellers to discuss interest, level of risks, and preliminary framework structure or 2) knowing that there is a potential market at 1 mg/L, 0.5 mg/L and 0.1 mg/L table the detailed analysis until an effluent limit for future permits conditions have been determined. A Project Committee will be held on September 13, 2018 to discuss the next steps for PS to PS trading.

Stream Crediting Trading – The Consultant Team has identified numerous issues that will require decisions by the DRSCW and concurrence from the IEPA, US EPA Region 5 and EAGs in order to set baselines for stream restoration crediting. A Project Committee will be set up to discuss these issues on September 13, 2018.

A Project Committee meeting to discuss the Trading Program has been scheduled for September 13, 2018 from 10:00 AM-12:00 PM at Downers Grove Sanitary District.

Current (MWRD) Nutrient Trading Effort – Nick Menninga attended the second stakeholder group meeting on June 19, 2018. Mark Kieser was in attendance and presented on the current status of water quality trading. Following the presentation, the group discussed their timeline, finances and what their outcome/product would look like. No decisions were made. The next steps are for the UC and Current to develop a summary document for stakeholders.

- **Related to Nutrient Trading** – POTWs whose PDOPs and FSs are not due until late 2018 were asked to complete a questionnaire. Joliet’s questionnaire is outstanding. Bolingbrook requested, and was granted, an extension from the IEPA to submit the PDOPs for Bolingbrook #1, #2 and #3 by November 30, 2018. Minooka’s studies were received on June 15, 2018.
- **QUAL2K Update** – No update.

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- **Non-Point Source Washoff Model** – The NPS Feasibility Analysis Roundtable was held on July 24, 2018 and attended by consultants from Geosyntec (2 representatives), Hey and Associates (1 representative), Strand (2 representatives), CBBEL (1 representative), Baxter & Woodman (1 representative) and TetraTech (2 representatives). Additionally, the Round Table was attended by DRSCW Staff, Jennifer Hammer, Nick Menninga, Mary Beth Falsey and Greg Ulrich. Topics for the planning session included a discussion on the strengths and weaknesses of water quality and nutrient loading models, consideration of other methods utilized to estimate nutrient inputs from non-point source pollution and the quantification and monitoring of reductions from BMP implementation. Additionally, the consultants provided valuable information on our IPS Tool Update, DO monitoring program, and bioassessment program.
- **Enhanced DO Monitoring Program** – As a result of discussions at the NPS Feasibility Analysis Roundtable and MBI, starting this summer in the Lower DuPage River, we will be starting an enhanced DO monitoring program. At each of the existing DO monitoring sites and downstream of all treatment plants (if no existing DO monitoring site), we will be deploying a Eureka sonde equipped with pH, temperature, DO, conductivity, turbidity, and chlorophyll A probes for no less than 72 hours. During deployment, two water quality grab samples will be collected and analyzed for our existing demand and nutrient parameters and total organic carbon, total inorganic carbon, orthophosphate, dissolved phosphorus and sestonic chlorophyll A. Additionally 1 benthic algae sample will be collected during deployment. Due to the hold times on the samples, laboratory analysis will be conducted by First Environmental Laboratories in Naperville, Illinois. Sampling will begin the week of August 13, 2018 and be completed by the end of August. The program will be expanded to the DRSCW watersheds as part of the bioassessment program starting with the East Branch in 2019.
- **IPS Model Update**
 - GIS data for the 13 counties in the new model has been compiled (ROW data for transportation, canopy layer data, land use data, impervious surface etc.). GIS data from the area has to be uniform which has meant that work has been done to extend a lot of these files. All input files have needed additional work to extend their coverage to cover the program areas.
 - We are working on creating an “erodibility” and flashiness index for each site
 - Sample basins and data capture areas have been delimited for all the sample points (456 sample points)
 - Intern- we have recruited an intern to work on the GIS inputs for this project item.
 - A Project Committee meeting to discuss IPS has been scheduled for September 13, 2018 from 10:00 AM-12:00 PM at Downers Grove Sanitary District.

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11. Springfield Regulatory and Legislative Updates - Stephen and Deanna will schedule a visit to the IEPA for late Fall/early winter 2018.

Non-Permit Activities

12. Bioassessment Plan

- The Salt Creek 2016 report has been received and is undergoing initial staff review.

13. Lower Salt Creek 319 Watershed Plan – CMAP has not yet submitted the plan to the IEPA. *The Elmhurst Park District has submitted a 319 grant application for the Sugar Creek restoration project that was recommended in the Lower Salt Creek 319 Watershed Plan. The DRSCW has provided a letter of support for this project.*

14. Monitoring

- Sondes Purchase - 4 sondes (all equipped with DO, Conductivity, Temperature and DO and 2 with chlorophyll a) have been purchased (see payments table). Total cost was \$32,999.20. DRSCW has authorized \$35,000 for this purchase. Based on conversations at the “NPS round table” staff has assessed all of the new sondes should have a chlorophyll a sensor and have asked Eureka to prepare a quote for 2 more chlorophyll a probes. Cost will be in the region of \$4,500 and has been authorized by the Board (Board meeting on 8.16.2018).
- Changes in the costs to monitoring Chlorophyll as a demand and nutrient parameter will be integrated into the Bioassessment during development of the NIP. Cost reductions due to the new chemistry provider means that the addition of this item will not increase the overall budget.

15. Chlorides

- The 2017-18 chloride questionnaire has been issued in digital format. Copies of the last two agency responses are available upon request.
- Save the date flyers for our workshops are attached (Attachment 2).
- Tollway Offset – Staff is working on formalizing Elmhurst’s request.
- Revised Fact Sheets have been sent to the committee for review.
- Toxicity Study Update – No update.
- SB2138 (liability for contractors) – No update.
- Staff are drafting some parts of the sensible salting manual for NE Illinois.

16. Other Activities

- Website – We are updating the website and database portal.
- Cal Tar Sealants Update – HB 2958/SB3509 was not called for floor vote this session.
- 2018 Draft Integrated Report (305b/303d list). Staff submitted comments to the IEPA on the 2018 Draft Integrated Report (305b/303d report). Staff will request clarification

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from Greg Good and Amy Walkenbach on the data used for the new listings for aquatic life impairment on Armitage Ditch (IL_GBLG) and Lacey Creek (IL_GNLC) and the new listings for sedimentation/siltation on the E Branch (IL_GBL-02 and IL_GBL-11). (Attachment 3).

- Stephen will be replacing his laptop, as his current screen is inoperable. Board has authorized purchase.

17. Utility Management – No update.

18. Business Items (new business)

- **Invoices for Approval – June 14 - Aug. 16, 2018 (approved by the Board)**

| Vendor/Project | Invoice # | Amount (\$) |
|--|------------------|--------------------|
| Baxter & Woodman - Chloride Survey | 199995 | 620.00 |
| The Conservation Foundation - Reimb. for cell phones, etc. | 2nd Qtr | 892.54 |
| DeKalb County - GIS information | n/a | 45.00 |
| Eureka Water Probes - 4 probes, 2 w/ Chl A sensors | 53107 | 32,999.20 |
| HACH - Yearly Probe Maintenance Contract for 11 Probes | 74526 | 10,556.15 |
| HACH - StablCal Calibration Standard | 11085750 | 136.04 |
| IL Charity Bureau - IL AG990 filing fee | 2018 | 15.00 |
| Lauterbach & Amen - Tax Return Prep/Filing | 28522 | 1030.00 |
| MBI - Oak Meadows Monitoring through 12/31/17 | 1520 | 1679.97 |
| MBI - Oak Meadows Monitoring through 3/10/18 | 1528 | 3320.03 |
| MBI - IPS update through 4/21/18 | 1537 | 9918.41 |
| MBI - IPS update through 6/30/18 | 1555 | 4781.67 |
| Andrew Ragas - work on website | 7/2/2018 | 120.00 |
| V3 Companies - Fawell Dam Modification Phase II - May | 518405 | 3,811.36 |
| V3 Companies - Fawell Dam Modification Phase II - May | 618481 | 4,900.10 |
| Baxter & Woodman - NPS Feasibility Analysis Round Table | 200693 | 65.000 |
| C B Burke Engineering - NPS Feasibility Analysis Round Table | 144913 | 650.00 |
| Geosyntec - NPS Feasibility Analysis Round Table | 186351248 | 1300.00 |
| Hey & Assoc. - NPS Feasibility Analysis Round Table | 89-0000-R001 | 650.00 |
| TetraTech - NPS Feasibility Analysis Round Table | 80718 | 1300.00 |

- **Financial report through July 2018** (Attachment 4).
- **Membership Dues Payments Update (July 2018)** (Attachment 5).

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18. DRSCW Calendar, Presentations and Press Coverage

- September 19 – Presentation Title TBD, Trout Unlimited, Oak Brook, Illinois (Stephen)
- September 26th – Presentation on chloride management in DRSCW area to the NJ Water Monitoring Council(via web link) (Stephen)

19. Workgroup Meeting Schedules

October 31, 2018 from 9AM-11AM

December 12, 2018 from 9AM-11AM

February 27 2019 from 9AM-11AM – Annual Meeting

Several announcements were made :

September 15, 2018 from 10am-2pm: Urban Stream Restoration Center Open House, Blackwell Forest Preserve

September 20, 2018 from 5-9pm: Night for Nature, Danada House

October 17, 2018 from 8am-12pm: Creating Healthy Landscapes – Planting for Pollinators, Danada House

CMAP is working on two local technical assistance projects within the DRSCW watershed area: Carol Stream and the DuPage County Corridor (IL Route 83). The consultants who will manage these projects have been selected and CMAP will provide a project update including project website URLs at the October DRSCW meeting.

Nick Menninga made a motion to close the meeting, seconded by Steve Zehner. Motion accepted unanimously. Meeting was closed at 10:57 AM.

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Lombard Village Hall
October 31, 2018
9:00-11:00 AM
Membership Meeting Minutes**

Dave Gorman called the meeting to order at 9:08am.

- 1. Approval of August 29, 2018 meeting minutes** (Attachment 1). *Motion to accept the minutes made by Steve Zehner, seconded Larry Cox, accepted unanimously.*

- 2. Reducing Salt Use at the Fox Valley Park District (FVPD)**

FVPD manages 7 facilities, numerous trailhead parking lots, a number of community parks parking lots, and 10,000 square feet of walkways. Following attendance at the workshops in 2015 staff started using organics and pre-wetted salt. Since that time FVPD staff have reduced their salt usage by 40 percent via pretreating, and a more diligent use of mechanical controls. They started with only 2 walkways as a trial with been juice and by mid-season began treating all sidewalks with that method. By the following year all parking lots and sidewalks were pre-treated before storms and pre-treated salt was used. In 2017, staff was increased to add additional mechanical snow removal and reduce salt application. With more staff on hand, additional sweepers were purchased and the use of blowers and shoveling went up. The District trains staff annual in October (pre-season) and have increased record keeping to see how much and where salt was used. They also began using a weather service and installed backup cameras (so operator can view how much salt the truck is spreading).

Presenter: Jimmy Schmidt West Maintenance Supervisor, Fox Valley Park District

- 3. Presentation: Alternative Cutting Edges; Improving Mechanical Snow Removal**

One of the most effective ways to reduce winter salt use on transportation surfaces is mechanical removals such as plowing. In recent years plow technology has greatly increased allowing for improved removal rates but with an increased purchase price. Member Hanover Park has been evaluated the cost benefit for the new plows against traditional mild steel plows. Presentation looked at comparisons on price, management, removal rates and user preference and safety. Hanover Park has many roads with high 6-8" crowns which frequently wore down blades. Additionally, the vibration and noise in the truck was a safety issue for drivers and required additional passes down each road, leading to more plow time. They found that carbide plow edges will last a minimum of four times longer than carbon steel, as well as lower vibration and noise for drivers. They also provided better cleaning which meant roads required less chemical treatment.

Presenter: Scott Weber, Streets and Forestry Supervisor, Village of Hanover Park

- 4. Presentation: Water Quality Improvement Grant**

Since 2000, Stormwater Management's Water Quality Improvement Program has budgeted funds to provide financial assistance for projects that provide a regional water quality benefit to DuPage County streams. Mary Beth Falsey, Water Quality Supervisor gave an overview of the program and highlight updates for recently opened the 2019 grant opportunity. New this year is a requirement for applicants to include pollutant load reductions, and this can be accomplished through the EPAs free spreadsheet tools. Applications are accepted now through January 11th, 2019. The following online storymap for the grant was also shared:

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<https://dupage.maps.arcgis.com/apps/Cascade/index.html?appid=bd89bad5f88e467fb030a4949e0267fa>

Presenter: Mary Beth Falsey, Water Quality Supervisor, DuPage County Stormwater Management

5. **TMDL Update** – TMDLs are with IEPA for review. Once IEPA is satisfied they will send them to USEPA for review and final approval. Public meetings on the documents may be held as early as this winter.

NPDES Permit Special Conditions

6. NPDES Permits and Reporting

- Naperville – Staff has been in contact with the IEPA regarding the issuance of the Naperville permit. It appears that the permit will be issued shortly.
- Crest Hill – Based on conversations with Crest Hill and the IEPA, the next steps in the Crest Hill West expansion permit will be to meet with the EAGs. This meeting will be schedule for Winter 2018/2019.
- Itasca has completed the upgrades on their UV treatment system and no violations to the fecal coliform standard were observed during construction.
- The negotiations team has been in discussions with MWRD about renewing membership and joining the special conditions.
- A dues increase of 7% has been postponed and is now back to the planned 3% increase due to MWRD assumed to be rejoining as a DRSCW member.

7. 2020 Permit Negotiations

The Negotiations Committee meet on September 14, 2018 and items discussed included: Crest Hill West expansion permit discussions as a precursor to what we could expect with any potential DRSCW/LDRWC expansions; inclusion of the thee-part agreement language in draft permits (FRSG, Sandwich, etc.); and options for language in the DRSCW/LDWRC permits to be renewed starting in 2020. A meeting of POTW permit holders has been scheduled for **November 8, 2018** from 8:30-11am at the Village of Lombard to discuss these options with members.

8. Physical Project Update (ongoing)

- **Oak Meadows** – Biological sampling has been completed for the site in 2018. Data will be included in the 2019 annual report.
- **Fawell Dam Modification**
 - County Stormwater has asked for time to review an alternative to modifying two of the three culverts. *A meeting with county has been set up.*
 - An official letter to IEPA on the project schedule is being drafted. IEPA is aware it will be pushed back one year, but a letter will also be sent.

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8. Physical Project Update (ongoing)

- **Graue Mill Dam**
 - Staff is working on developing content for the project website. The material will cover the Project Website and topics include the Clean Water Act, wastewater treatment processes, environmental impacts of dams and site-specific information such as project background, dam modification options, and alternative analysis.
 - The contract with Bluestem Communications has been terminated. Staff prepared and forwarded an RFP to hire a new firm to assist with public outreach campaign to numerous qualified firms. Five (5) statements of intent to bid on the project were received by October 5, 2018 and four (4) proposals were received on October 15, 2018. The 4 proposals received were from Aileron Communications, aQity Research and Insight, Engineering Resource Associates (ERA), and NIU Center for Governmental Studies. The review committee is in the process of reviewing the proposals and scheduling interviews. The review committee hope to make a recommendation to the Board on the consultant in early November 2018.
 - Staff made a presentation on the project to Trout Unlimited (TU) on September 19, 2018. TU is interested in getting involved in local stream improvements and are interested in supporting the project.
- **Spring Brook Phase II** – Pre-project monitoring at the site has been completed (fish, macros, and QHEI). Discussion on maintenance and the monitoring at the site (phase 1, 2, and 3) are continuing with the FPD. The project was permitted, with construction to begin in winter or early spring.

9. Physical Project Update (not yet started)

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

10. Nutrient Implantation Plan (NIP) – No update

- **NSAC Update** – *An update on the NSAC is on the agenda for the NLRS Conference scheduled for November 13, 2018 in Champaign. Staff is planning to attend and will provide an update at the next membership meeting.*
- **Trading Analysis** – Staff held conference call with the Consultant Team on October 8, 2018. A second conference call with the consultant team was held on October 30, 2018 to discuss next steps.

Point Source (PS) to PS Trading – The Consultant team has completed their analysis of the submitted PDOPs/FSs and questionnaires. Project Committee comments on the final memo have been submitted to the Consultant. The final draft will be shared with the DRSCW general membership once received.

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The Project Committee has decided to table a detailed analysis of PS to PS trading until we have further clarification on future effluent limits. The budget will be closely tracked and the discussion on PS to PS trading will be revisited prior to the re-allocation of any funds from the PS to PS trading effort to the PS to Stream crediting trading effort.

Stream Crediting Trading – The Consultant Team has identified numerous issues that will require decisions by the DRSCW and concurrence from the IEPA, US EPA Region 5 and EAGs in order to set baselines for stream restoration crediting. At the September 13, 2018 Project Committee, the committee reached consensus on each of the discussion points. Staff will work with the Consultant team to schedule a meeting(s) with the IEPA, US EPA Region 5, and EAGs to present these issues/topics.

Current (MWRD) Nutrient Trading Effort – It appears that the group will begin meeting again in the near future. Updates will be provided, as they are available.

- **Related to Nutrient Trading** – As they are completed, PDOPs and FSs should be submitted to DRSCW staff.
- **QUAL2K Update** – No update at this time.
- **Non-Point Source Washoff Model** – No update at this time.
- **Enhanced DO Monitoring Program** – Due to rainfall and high flows, the enhanced DO monitoring program was not able to be completed in the Lower DuPage this summer. The Enhanced DO Monitoring Program will be integrated future bioassessments with the E Branch in 2019, W Branch in 2020, and Salt Creek and Lower DuPage in 2021. We have added 4 water quality data sondes to collect more intensive water quality samples, and will be moving the four around for sampling. We are now able to collect chlorophyll A and benthic chlorophyll. If interested in monitoring committee, please contact Jennifer Hammer or Deanna Doohaluk.
- **IPS Tool Update**
 - All agreed upon landscape stressors GIS data for the 13 counties have been supplied to the contractor.
 - We are working on creating an “erodability” and flashiness index for each site.
 - Aiming for project to wrap up early 2019, and Lake County Staff were thanked for their staff help.

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- 11. Springfield Regulatory and Legislative Updates** - Stephen and Deanna will schedule a visit to the IEPA for late Fall/early winter 2018/2019.

Non-Permit Activities

12. Bioassessment Plan

- The Salt Creek 2016 report has been sent to MIBI with staff comments.

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

14. Monitoring

- Fecal coliform sampling – The MS4 permit requires that all ambient and stormwater monitoring programs monitor for fecal coliform. As the existing DRSCW bioassessment program does not include fecal coliform monitoring, staff has designed and implemented a fecal coliform monitoring program four our watersheds. During the months of May-October, staff will collect 5 samples within a 30 day period and submit to ETP Laboratories in Willowbrook, IL for analysis. The monitored site will include all mainstem reaches, any stream reaches that have a fecal coliform impairment and major tributaries. This summer staff has been monitoring 7 sites within the Salt Creek watershed. The E Branch will be sampled in 2019 and the W Branch sampled in 2020 in conjunction with the Bioassessment sampling. Fats and solid grease is also not within the existing assessment, but DuPage County will be collecting this data.
- Conductivity - We are looking at placing a winter site in Naperville.

15. Chlorides

- Two workshops were held on October 18th (parking lots) and October 24th (Roads). *Approximately 70 individuals attended the Parking Lots and Sidewalks workshop and 150 attended the Public Roads workshop.* Thanks to DuPage County DOT for hosting.
- Responses to the questionnaire are being received.
- Tollway Offset – Staff is working with Elmhurst to finalize the proposal
- Revised Fact Sheets have been sent to the committee for review
- SB2138 (liability for contractors) update.
- Staff are participating in the NE Illinois sensible salting committee including drafting some parts of the sensible salting manual for NE Illinois.
- A pre-hearing on the proposed amendment to the chloride water quality standard was held on October 15, 2018. Hearings on the amendment will be scheduled for January – March. Videoconferencing for the hearings will be available. Written questions will be due to the IPCB approximately 1 week prior to the hearings.

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16. Other Activities

- Website – We are updating the website and database portal.
- Cal Tar Sealants Update – HB 2958/SB3509 was not called for floor vote this session.
- Comments were issued on the ACOE's draft DuPage River Plan. The plan is available at www.Irc.usace.army.mil.

17. Utility Management – No update at this time.

18. Business Items (new business)

- **Invoices for Approval – Aug. 16 – Oct. 11, 2018 (approved by the Board)**

| Vendor/Project | Invoice Number | Amount (\$) | Status |
|--|-----------------------|--------------------|---------------|
| Eureka Water Probes - 2 probes w/ Cl a sensors | 53230 | 4,519.75 | Paid |
| Midwest Biodiversity Institute - IPS Tool update | 1567 | 3,743.64 | Paid |
| Secretary of State of IL - annual report | n/a | 10.00 | Paid |
| V3 Companies - Fawell Dam Modification Phase II | 718377 | 3771.98 | Pending |

- **Financial reports through September 2018** (Attachment 2).
- **Membership Dues Payments Update (Oct. 25, 2018)** (Attachment 3). The Board has voted to keep 2019-20 membership dues to a 3% increase relative to 2018-19 dues. An updated table of 2019-20 dues will be sent to members.
- The board approved an investment fund and have opened brokerage account. There are expected increased interest yields. CDs will all be invested at 250k or less so they are FDIC insured.

19. DRSCW Calendar, Presentations and Press Coverage

- September 19 – Presentation Title TBD, Trout Unlimited, Oak Brook, Illinois (Stephen).
- September 26th – Presentation on chloride management in DRSCW area to the NJ Water Monitoring Council (via web link) (Stephen).
- October 17th – Chloride Trends and Impacts Kane County chloride management workshop (Stephen).

Dennis Streicher made a motion to adjourn at 11:00am, seconded by Steve Zehner, accepted unanimously.

**DuPage River Salt Creek Workgroup
Lombard Village Hall
October 31, 2018
9:00-11:00 AM
Membership Meeting Minutes**

20. Workgroup Meeting Schedules

December 12, 2018 from 9AM-11AM

February 27, 2019 from 9AM-11AM

April 24th, 2019 from 9AM-11AM

June 26th, 2019 from 9AM-11AM

August 28th, 2019 from 9AM-11AM

October 30th, 2019 from 9AM-11AM

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

Introductions around the room.

- 1. Approval of October 31, 2018 meeting minutes** (Attachment 1). *Motion to accept the minutes made by Nick Menninga, seconded Sue Baert, accepted unanimously.*

- 2. Presentation - Graue Mill Dam, TMDLs and Aquatic life.**

Public outreach to inform the proposal to modify the Graue Mill dam will be starting this month. The project is fundamental to meeting long term use support goals in Salt Creek. The effort will be kicked off with a questionnaire designed to ascertain attitudes towards the dam, the river and use of public funds to meet Clean Water Act goals. The presentation revisited how the dam was selected by both the DRSCW's TMDL alternative plan and its aquatic life priority assessments and looked at the costs of the leave the structure alone alternative.

Presenter: Stephen McCracken & Deanna Doohaluk DRSCW

- 3. TMDL Update** – No update at this time, the DRSCW will keep members informed. TMDLs are with IEPA for review. Once IEPA is satisfied, they will send them to USEPA for review and final approval. Staff will keep members informed.

NPDES Permit Special Conditions

- 4. NPDES Permits and Reporting**

- Naperville – Staff has been in contact with the IEPA regarding the issuance of this permit.
- Crest Hill – Based on conversations with Crest Hill and the IEPA, the next steps in the Crest Hill West expansion permit will be to meet with the EAGs. This meeting will be schedule for post-Thanksgiving.
- The negotiations team has been in discussions with MWRD about both renewing membership and joining the special conditions. A vote at the MWRDGC Board to issue a purchase order and enter into an agreement with the DRSCW for 2019-2023 Membership Dues, Study Assessments, and Project Assessments in an amount not to exceed \$4,718,895.00 occurred on November 15, 2018 and the MWRDGC Board approved the item as part of their consensus agenda. Staff is continuing to work with MWRDGC staff to develop an MOU to finalize the agreement.

- 5. 2020 Permit Negotiations**

On November 8, 2018, the POTW permit holders met. The agenda was as follows:

| | |
|-----------|--|
| 8:30-8:40 | Introductions |
| 8:40-9:00 | Update on Current Special Condition Projects |
| 9:00-9:30 | Nutrients – State of Illinois: NSAC recommendations, 3 rd party agreements and expansions |
| 9:30-9:45 | Break |

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9:45-11:00 Discussion on DRSCW Upcoming Permit Negotiations

It was the consensus of the group that the Negotiations Team should begin discussions with the EAGs and IEPA with extending the existing Special Condition for an additional 5 years (three permit cycles). Staff and the Negotiations Team will refine the Special Condition assessments costs while POTWs will review their expected O&M costs to determine if they would like to participate in the 3rd permit cycle. The POTW members will meet again in Winter 2019.

6. Physical Project Update (ongoing)

- **Oak Meadows** – Biological sampling has been completed for the site in 2018. Data will be included in the 2019 annual report.
- **Fawell Dam Modification**
 - Staff and projects committee members met with staff from DuPage County Stormwater Management (DC SWM) on November 16th, 2018. DC SWM has proposed an alternative to modifying two of the three culverts as there are significant concerns that the structure would not survive the modification. Additional modeling and research is ongoing to confirm that the alternative will meet the objectives of the project. The project committee will review the new proposal in January.
 - Staff has reconnected with the IEPA in regards to the timeline of this project. They will be treating this as a minor NPDES modification and the new schedule for the dam modification cannot go beyond the expiration date of the existing permit (2023). A draft of our request for extension has been sent to the IEPA and if found acceptable, a formal notification will be sent if necessary.
- **Graue Mill Dam**
 - Staff is working on developing content for the project website. The material will cover the Clean Water Act, wastewater treatment processes, environmental impacts of dams and site-specific information such as project background, dam modification options, and alternative analysis.
 - Staff received 4 RFPs in response to the RFQ to replace Bluestem Communications: Aileron Communications, aQity Research & Insight, Inc., Engineering Resource Associates, and Northern Illinois University Center for Governmental Studies. From these 4, the Proposal Review Committee interviewed Aileron Communications and aQity Research & Insight, Inc. on November 1, 2018 and selected Aileron Communications for the contract. Aileron Communications proposed several scope of work modification. The new project scope of work will include a project kickoff meeting, a telephone survey, a paper/electronic survey, 4 one on one interviews, 1 focus group, and the development of a stakeholder engagement plan. The stakeholder

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engagement plan will provide a roadmap to how we can keep soliciting public input and frame our messaging as we move through the design process. Town Halls/Public Meetings are no longer included the scope of work and are postponed until we have 30-50% engineering plans that we can use to solicit input of design elements.

- Staff and Aileron held the project kick-off on November 16, 2018 at Fullersburg Woods.
 - The telephone survey which will be conducted across DuPage County and include 50% landlines and 50% cellphone will be conducted over 3-4 days during the week of December 10-14, 2018.
 - A paper/electronic survey will follow the telephone survey and run for several weeks starting in January 2019.
- **Spring Brook Phase II** – Pre-project monitoring at the site has been completed (fish, macros, and QHEI). Discussion on maintenance and the monitoring at the site (phase 1, 2, and 3) are continuing with the FPD. The project should receive its ACOE permit in the immediate future with construction to begin in winter or early spring. The permits are in and hope to get them before end of 2018, with a goal of beginning construction during the 2019 winter season.

9. Physical Project Update (not yet started)

- **Lower East Branch** – No update at this time, an RFQ will go out in January 2019.

10. Nutrient Implantation Plan (NIP) – No update

- **NSAC Update** – The NSAC was to submit their final report to the IEPA on December 10, 2018, though to the DRSCW's knowledge, the EPA has not yet received it as of today. Once received, the IEPA will post the report for public comment. The public comment period will be 90-120 days. Once all comments have been received and reviewed, the IEPA will determine how the report will be utilized (petition IPCB for nutrient standards, shelf report, etc.).
- **Trading Analysis** – Staff held conference call with the Consultant Team on November 6, 2018.

Point Source (PS) to PS Trading – The Consultant team has completed their analysis of the submitted PDOPs/FSs and questionnaires. *The analysis shows that there is marginal treatment cost feasibility for trading from point source to point source and both within subwatershed and across subwatersheds.*

Stream Crediting Trading – The Consultant Team has identified numerous issues that will require decisions by the DRSCW and concurrence from the IEPA, US EPA Region 5 and EAGs in order to set baselines for stream restoration crediting. The project committee has reached consensus on each of the discussion points. Staff plans to present these ideas

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and concepts to the EAGs in the next few weeks. Once we reach consensus with the EAGs, discussions will commence with the IEPA and US EPA Region 5.

The Consultant Team has prepared a Stream Crediting Framework. The Framework includes background on the existing stream crediting programs and guidance documents and highlights similarities and differences with our proposed project. The Framework then details how a stream crediting program using QHEI as a trading equivalent to TP could look. The Framework also lays out suggested next steps which includes defining identifying the steps necessary to calculate a QHEI/TP equivalency factor and selecting trade ratios. As work already conducted by MBI (IPS and bioassessments) will be useful in this effort, the next steps for this effort will be to share the Framework with MBI and to facilitate a call between MBI and the Consultant Team to discuss the concept. Staff has also shared the Framework with the Project Committee.

A reallocation of project budget from the PS to PS trading effort to the stream crediting effort may be necessary to further develop the Stream Crediting Framework beyond its initial concepts.

Current (MWRD) Nutrient Trading Effort – Currents is re-starting their trading effort. A conference call with stakeholders was held to re-start the project.

- **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** – No update at this time.
- **IPS Tool Update** – The consultant is working on the stressor analysis part of the model. *An update to the Projects Committee will be provided in January.*

11. Springfield Regulatory and Legislative Updates - Stephen and Deanna will schedule a visit to the IEPA for winter 2018/2019.

Non-Permit Activities

12. Bioassessment Plan

- Staff is working with MBI to finalize the report including updating the land use tables and increasing the narrative analysis accompanying the graphics and tables. Report will be finalized in early 2019 as MBI's current focus is on the IPS update.

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

14. Monitoring

- Staff is working with the Monitoring Committee Chair to schedule a meeting of the monitoring committee in December 2018/January 2019. Topics the Monitoring Committee will discuss include flow monitoring and water quality parameters that we should consider including in the Enhanced DO Monitoring Program and/or Bioassessments.
- Staff meet with the research team at the Illinois Sustainability and Technology Center in Champaign, Illinois to discuss how we might be able to work together on a research project on emerging contaminants.
- Conductivity – Staff is working with DuPage County and PW and looking at placing a winter site in Naperville. *Due to upcoming bridge construction, the site on the Lower West Branch for chlorides/conductivity was moved from Butterfield Road to Bailey Road. Naperville Public Works will be assisting with the installation of a sonde casing on the bridge at Bailey Road.*

15. Chlorides

- Completed questionnaires are being received. *If your agency hasn't submitted, please do.*
- Tollway Offset – Staff is working with Elmhurst to finalize the proposal
- The Chloride Committee is reviewing the Revised Fact Sheets.
- SB2138 (liability for contractors) – No update at this time.
- Staff are participating in the NE Illinois sensible salting committee including drafting some parts of the sensible salting manual for NE Illinois.
- Staff asked the IEPA what the repercussions would be if a municipality/agency within the CAWS/Des Plaines does not submit an affidavit to be included in the Time Limited Water Quality Standard (Variance) for chlorides. The IEPA responded that the agency would be found in violation of their MS4 permit specifically Part III. D: If the permittee performs any deicing activities that can cause or contribute to a violation of an applicable State chloride water quality standard, the permittee must participate in any watershed group(s) organized to implement control measures, which will reduce the chloride concentration in any receiving stream in the watershed. The IEPA will reportedly be pursuing compliance “aggressively”.
- Hearings on the proposed amendment to the chloride water quality standard are scheduled for January 23, 2019, at 10:00 and March 6, 2019 at 10:00 via video conference at the James R. Thompson Center, IPCB Hearing Room, 100 West Randolph Street, Room 11-512, Chicago, IL and Springfield, IL.
- The DRSCW will provide written testimony for the hearing explaining how the data we collected has lead us to suspect that chloride toxicity may decline in cold weather months relative to warm weather months.

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16. Other Activities

- Website – We are updating the website and database portal.
- Cal Tar Sealants Update – HB 2958/SB3509 was not called for floor vote this session.
- Comments were issued on the ACOE's draft DuPage River Plan. The plan is available at www.Irc.usace.army.mil.
- Winter Newsletter is partially complete.

17. Utility Management – No update at this time.

18. Business Items (new business)

- **Invoice Payments from Oct. 12 through Nov. 29, 2018 (approved by the Board)**

| Vendor/Project | Invoice Number | Amount (\$) | Status |
|---|-----------------------|--------------------|---------------|
| Aileron Communications | Retainer | 5,000.00 | Paid |
| Andrew Ragas - Graue Mill Dam Removal Website | 11/1/2018 | 1,600.00 | Paid |
| Bluestem Communications - Final Payment | N/A | 1,500.00 | Paid |
| ETP Labs, Inc. - Fecal Coliform Sampling | 18-52136 | 805.00 | Paid |
| Fortin Consulting, Inc. - Parking Lot & Sidewalk Workshop | 1741 | 2,333.33 | Paid |
| Jeff Pieroni - Water, etc. for Deicing Workshops | N/A | 55.60 | Paid |
| The Conservation Foundation - July - Sept 2018 Expenses | N/A | 4,582.99 | Paid |
| V3 Companies - Fawell Dam Modification Phase II | 718377 | 3771.98 | Paid |

- **Financial reports through October 2018** (Attachment 3).
 - **Investments** – A WinTrust Wealth Management account has been and a total of \$680,000 is now invested in it (only in CDs).
- **Membership Dues Payments Update** (through November 15, 2018, Attachment 4).
 - The Board has voted to keep 2019-20 membership dues to a 3% increase relative to 2018-19 dues.
- **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

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

19. DRSCW Calendar, Presentations and Press Coverage

- November 14-15, 2018 – Various presentations on chloride management, Winter Preparedness Snow and Ice Conference - The Basics of Snow and Ice (Stephen)
- Staff submitted an abstract on Chloride Management to the Illinois Lakes Management Association Conference scheduled for March 14-16, 2019 in Crystal Lake, Illinois
- Staff submitted an abstract titled “Optimizing Local Investments for Meeting In-Stream Designated Uses” to 2019 WEFTEC conference in Chicago.

20. Workgroup Meeting Schedules

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

Nick Menninga made a motion to adjourn at 10:51am, seconded by Dennis Streicher, accepted unanimously.