

**DuPage River Salt Creek Workgroup
Annual Meeting Minutes
Lombard Village Hall
February 22, 2017**

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

Dave Gorman called the meeting to order at 9:07am. Attendees introduced themselves.

9:05-10:00 Annual Business Meeting

- **Approval of the minutes for the December 14, 2016 meeting (Attachment 1)**

Motion made by Nick Menninga to approve the December meeting minutes as presented; seconded by Dennis Streicher; 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 – Nick Menninga, Downers Grove Sanitary District
- At Large – Steve Zehner, Robinson Engineering, Inc.
- At Large – Vacant

Motion made by Karen Daulton-Lange to approve the slate of officers as presented; seconded by Nick Menninga; motion carried unanimously.

- **Adoption of FY 2017-2022- Budget, New Business**

Larry Cox updated members on the financial implications of MWRD-GC's membership withdrawal, noting that it in no way impacts the POTW project assessment schedule now or in the future.

- Approval of the FY 17-18 Annual Dues Schedule and Annual Dues by Agency (Attachment 2). A 3% increase in member annual dues is included in the schedule. A motion to approve the Dues Schedule is required.
2017-2018 membership dues invoices will include current year figures and projected membership dues and project assessments for the next two fiscal years for planning purposes.
Motion made by Nick Menninga to approve the FY 2017-2018 Annual Dues Schedule and Annual Dues by Agency; seconded by Steve Zehner; motion carried unanimously.
- POTW Agency member project assessments related to the NPDES special conditions are on schedule.
- Review and approval of the FY 2017-18 Budget (Attachment 3 – one-page budget summary). A motion to approve the Budget is required.
Motion made by Dennis Streicher to approve the FY2017-2018 Budget; seconded by Rob Flatter; motion carried unanimously.

- The detailed Five Year Financial Plan for Fiscal Years 2017-2018 to 2021-2022 will be presented and discussed (available at <http://drscw.org/wp/wp-content/uploads/2015/03/DRAFT-DRSCW-Five-Year-Financial-Plan-02.22.17.pdf>). A motion to post the Five Year Financial Plan for information and planning purposes only is required.

Motion made by Karen Daulton-Lange to post the Five Year Financial Plan on the DRSCW website for information and planning purposes only; seconded by Jason Elias; motion carried unanimously.

- Financial Report December – January 2017 (Attachment 4)

List of invoices paid

Vendor/Project	Invoice Number	Amount
Concept to Project Design Tollway	482049	\$3,500.18
V3 Fawell Dam	1216280	\$4,172.47
MBI 2016 Salt Creek Assmt.	1389	\$35,415.16
Bluestem Communications Fullersburg	285	\$2,500.00
USGS Leaf Litter Study	Contribution	\$2,500.00
TCF Jan 2017 Staffing Costs	Contract	\$18,637.77
TCF Feb 2017 Staffing Costs	Contract	\$1,863.77
TCF Jan-Dec 2016 Direct Costs	12032	\$558.53
Stephen Expenses July-Dec 2016	Expense Rpt	\$2,150.50
Deanna Expenses Nov-Dec 2016	Expense Rpt	\$480.81
Tara Expenses Dec 2016	Expense Rpt	\$55.82

- **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

- **Other business**

- Newsletter (Attachment 5)
- Lower DuPage update

Jennifer Hammer provided an update. LDRWC approved their budget at their annual meeting in January – this includes a POTW assessment for select DRSCW special condition engineering and study items (NIP/trading/chloride). Naperville and Bolingbrook will fund two in-stream projects (addressing downstream conditions).

- Lower Salt Creek watershed plan update

Kelsey Pudlock, CMAP, provided an update. CMAP submitted the Water Resource Inventory section of the plan to Illinois EPA last Friday. The stakeholder kickoff meeting will be held on April 6, 2017 at the City of Elmhurst Council Chambers. Municipalities within the watershed boundary (mouth of Salt Creek to Busse Woods Dam) are encouraged to attend.

- Chloride variance update
Legislation was given to the Governor on December 29th “EPA-Fast-Track-Rulemaking.” If the Governor does not veto the bill within 60 days, it will become law. If passed, the legislation will establish a new variance procedure (Time Limited Water Quality Standard).

Deanna Doohaluk noted Illinois EPA stated if you have a TMDL, you are not eligible to apply for a variance at a recent meeting.

The DRSCW encouraged stakeholders to review make comments on the new draft Stage 3 TMDLs for fecal coliform, chloride and DO. Please submit comments to Stephen McCracken, Deanna Doohaluk or Nick Menninga by March 10th.

Tetra Tech must also include a 319 watershed based plans, which will include a list of projects and modelled pollutant reductions.

DRSCW will work with Tetra Tech to ensure the framework 319 plan from previous resiliency planning efforts will be utilized.

- **DRSCW Calendar**

- February 9, 2017: Presentation on chloride management at Stormwater Drainage Conference at Purdue University. (SMC)
- February 16, 2017: Presentation on the DRSCW at the Des Plaines River Watershed Working Group’s Annual Meeting. (SMC)
- March 2, 2017: Participate in DuPage County Stormwater Management’s steering committee for development of 319 eligible watershed plans for Sawmill, Kress and Klein Creek. (Deanna)
- April 6, 2017: Kickoff meeting for the Lower Salt Creek Watershed-based Planning stakeholder public participation phase (Deanna)
- April 20, 2017 “Got H2O?” Water Resource Challenges Facing Northeastern Illinois. (SMC)
- April 25, 2017 Illinois Wastewater Professional Conference (IWEA/ IAWPCO Joint Annual Conference), Watershed Management Track. Watershed Monitoring Panel. (SMC)

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

All meetings are scheduled to occur at Lombard Village Hall and begin at 9:00 AM.

- April 26, 2017
- June 28, 2017
- August 30, 2017
- October 25, 2017
- December 13, 2017
- February 28, 2018

10:00 – 11:00

Project Briefs

1. Permit Condition Review and Schedule
Stephen McCracken provided a review of the permit special conditions and schedule.
2. Oak Meadows Construction Update
Stephen McCracken provided a review of the Oak Meadows Project. Dennis Streicher noted that the Forest Preserve District of DuPage County's renovation work at the golf course is the only of its kind in the country. The site has been renamed "Preserve at Oak Meadows."
3. Fawell Dam Modification Update
Derrick Martin, V3 Companies provided a project progress update.
4. Trading and Nutrient Management
Deanna Doohaluk provided an update on the DRSCW's RFP to develop a nutrient trading framework. A roundtable discussion with experts to help develop the program will be planned for 2017.
5. Spring Brook
Erik Neidy, Forest Preserve District of DuPage County, provided a progress update.
6. Chloride Reduction and Management
Update was provided as regular agenda item.
7. Fullersburg Woods Concept Development
Dennis Streicher, Sierra Club, River Prairie Group, provided historical information about the project. Malcolm Mossman, Bluestem Communications, provided an update on the proposed communications approach to advance the project.

A motion to adjourn the meeting was made by Nick Menninga at 11:11 AM; seconded by Steve Zehner; motion carried unanimously.

**DuPage River Salt Creek Workgroup
Meeting Agenda
Lombard Village Hall
April 26, 2017
9:00 – 11:00 AM**

1. Approval of February 22, 2017 Meeting Minutes (Attachment 1)

Karen Daulton-Lange made a motion to approve the minutes as presented; seconded by Nick Menninga; motion carried unanimously.

2. Comprehensive Basin Assessment: East Branch 2014.

Presentation will look at the findings of the 2014 report including trends in pollutant loadings, physical conditions and fish and macro invertebrate populations in the East Branch DuPage River. The presentation will also give an update on the impacts of the Churchill Woods Dam modification 3 years after it was completed.

Presenter: Chris Yoder, Research Director, Midwest Biodiversity Institute

A question and answer session followed.

3. NPDES Permit Special Condition (Old Business)

- Remaining POTW Permits (Elmhurst (2/29/16, not yet issued), Wood Dale North (5/31/16, under review).
- Lower DuPage River Watershed Coalition Permit Condition Update – The City of Naperville’s public review period was October 21st – November 21st. The City responded to comments. Illinois EPA has not made a response to date.
Allison Swisher noted that Joliet’s final permit was issued this past week and includes the DRSCW special condition studies.
- The DRSCW filed with Illinois EPA the Special Condition Annual Report and supplied copies to all participating members.

4. Funding update (SB2081) (Old Business)

- IGIG grant program. – no update

5. Projects Committee (Old Business)

- **Oak Meadows Update (Special Conditions Project).** Per our agreement, the DRSCW will reimburse the FPDDC \$1M this fiscal year.
- **Fawell Dam Update (Special Conditions Project)** – The DRSCW Fawell Team participated in a pre-application meeting with Illinois DNR, Bartlett office. They are reviewing the proposed modeling solution before we submit our formal proposal.
FEQ is congruent with modeled expectations.
- **Fullersburg Woods Concept Plan Development (Special Conditions Project)** – The DRSCW signed a contract with Bluestem Communications to develop and execute an outreach strategy for this project to be completed this year. The DRSCW has been in contact with FPDDC staff and commissioners to discuss the outreach.
DRSCW will meet with representatives from the Village of Oak Brook in the next couple of weeks.
- **Spring Brook Phase II**
Erik Neidy provided an update.

- **Trading RFQ – Trading Analysis** – The projects committee interviewed three shortlisted firms on March 10th. As a result of the qualifications-based selection process, the Tetra Tech/Kieser and Assoc./Abt Assoc./Earth & Water Group team was selected to lead the development of a basin wide nutrient trading program for the DRSCW watersheds. The consultant and the committee are currently negotiating a scope, fee and contract.
DRSCW received a revised budget last night and will review and forward copies to the Projects Committee. Illinois and US EPA will be invited to the meeting.
- **IPS Tool Development** – The contractor and staff had a project kick off meeting. The project will include substantial GIS inputs from the DRSCW and the Lower DuPage River Watershed Coalition. DRSCW is following up with the Cincinnati Sewer District's GIS Department to understand what that entails.

The Des Plaines River Watershed Workgroup (DRWW) expressed interest in participating in the IPS Tool development and the DRSCW is discussing this possibility with MBI.

IAWA contracted MBI to create a proposal for Illinois EPA that outlines how a pilot Tiered Aquatic Life Use (TALU) program can be implemented in the DRSCW program area. TALU looks at use attainment to determine the best use possible and establish tiers for water use.

6. Monitoring Committee (Old Business)

- Salt Creek basin monitoring – finished for 2016.
- 2014 East Branch DuPage River Technical Report – final report issued.
- Winter chloride/conductivity monitoring – probes deployed at 4 sites.
- USGS Phosphorus Study – The DRSCW made a payment to support this study.
- MS4 2016 report.
DRSCW will supply a report to DuPage County for inclusion with their reports. DRSCW will provide copies of its report to members outside DuPage County.
- Resource Manager's Guide to Aquatic Bioassessment – under review.

7. Chloride Reduction Committee (New Business)

- Chloride Offset Program with the Illinois Tollway – A proposal is going before the Tollway's Board in April.
- CAWS and Des Plaines River Chloride Variance – No new information since last meeting.

8. Watershed Permitting Update (Old Business)

9. TMDL Development for the DuPage River/Salt Creek (Old Business)

- USEPA inquired why the draft Wood Dale North Permit did not include a BOD limit as implementation of the 2004 DO TMDL on Salt Creek. The DRSCW prepared and submitted a response to USEPA and shared it with Wood Dale.
Region 5 is comparing 2005 permits to TMDLs.
- The DRSCW supplied comments on the Stage 3 documents with the exception of IL_GB-16. The DRSCW asked for additional time to supply comments on that section as it had a number of complex scenarios involving the Naperville, Plainfield and Bolingbrook POTWs. Staff will meet with these three POTWs to discuss additional modeling scenarios and implementation options for the TMDL.
DRSCW will review the implementation plan and share comments with members. Illinois DOT is requesting their own permit.

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

- **Lower Salt Creek 319 Plan** – The DRSCW collected data on stream physical conditions, added it to the existing data set, and supplied it to CMAP in GIS format. The DRSCW supported a stakeholder meeting held on April 6th. CMAP plans to convene bi-monthly meetings for stakeholder engagement.

11. Business Items (New Business)

Invoice Payments

Vendor/Project	Invoice Number	Amount (\$)
V3 Fawell Dam	117192	8,249.11
V3 Fawell Dam	217071	1,416.33
MBI 2016 Salt Creek Assessment	1412	2,284.25
SLI 2016 Reference Sites	138890	757.06
SLI 2016 Reference Sites	141683	1501.31
SLI 2016 Reference Sites	143131	1844.99
SLI 2016 IEPA/TMDL Sites	138891	1641.72
SLI 2016 IEPA/TMDL Sites	138892	820.86
SSLI 2016 IEPA/TMDL Sites	139792	1231.29
TCF March 2017 Staffing Costs	Contract	18637.77
TCF Feb 2017 Staffing Increase	Addendum	185.23
TCF March 2017 Staffing Increase	Addendum	185.23
Stephen Expenses Jan-March 2017	Expense Report	874.35
Deanna Expenses Jan -March 2017	Expense Report	549.65
Tara Expenses Jan -March 2017	Expense Report	924.03
Langan Haeger Vincent & Born Crime	20340	459.00
Langan Haeger Vincent & Born GL	20339	250.00

- **Membership Dues 2017-2018**
Welcome new Associate members Industrial Systems, Ltd. and Morris Engineering, Inc. Current Agency and Associate members received renewal packets. The DRSCW will mail invitation letters to eligible MS4 communities and potential Associate Members. In light of new ILR40 permit requirements, eligible MS4 Communities will also receive a fact sheet listing the DRSCW membership benefits.
- **Financial Report February and March 2017 – (Attachment 2).**
- **Audit and Tax Preparation**
Lauterbach & Amen, LLP will audit the financial statements and prepare federal and state information returns FYE 2/28/2017 for a fee of \$6950.00.

12. DRSCW Calendar, Presentations and Press Coverage

- Continued discussions with the Tollway about the chloride offset program. SMC
- March 14, 2017 – Springfield Testimony on PAHs and coal tar based sealcoats. DD
HB2958, from consumer protection, has stalled. An amendment to the proposed statewide ban allows Home Rule for local bans.
- March 15, 2017. Meeting with Milwaukee Metropolitan Sewerage District, Sweet Water Trust and Wisconsin DNR on TMDL Implementation. JH and SMC
- March 16, 2017 – Lower DuPage River Watershed Coalition Presentation on coal tar based sealcoats. DD

- April 7, 2017 - 319 Lower Salt Creek Watershed Based Plan presentation on monitoring and conditions in Salt Creek. Part of a public meeting about the Lower Salt Creek 319 Plan. DD
- April 20, 2017 – College of DuPage ‘Got H2O? Water Resource Challenges Facing Northeastern Illinois’. SMC
- April 25th –Illinois Wastewater Professional Conference IWEA Panel on monitoring. SMC
- May 4th – Sweet Water Trust (Wisconsin) – Adaptive Management Financing and Implementation and Project Selection (SMC), Oak Meadows Design and Financing. (Erin Pande ERA and SMC)

Other – Allison Swisher, Joliet, thanked the DRSCW for setting the path for other watershed groups and added that TCF is contracted to staff the newly incorporated Lower Des Plaines Watershed Group.

13. Workgroup Meeting Schedule

- June 28, 2017
- August 30, 2017
- October 25, 2017
- December 13, 2017
- February 28, 2018
- April 25, 2018

Dave Gorman announced the next DRSCW meeting is June 28th and parking is allowed on Hammerschmidt Road. Gorman also mentioned TCF’s annual benefit dinner on April 27th.

Larry Cox made a motion to adjourn the meeting at 10:53AM; seconded by Dennis Streicher; motion carried unanimously.

**DuPage River Salt Creek Workgroup
Maple Meadows Clubhouse
272 Addison Rd., Wood Dale, IL
June 28, 2017
9:00 – 11:00 AM
Meeting Minutes**

1. Approval of April 26, 2017 Meeting Minutes (Attachment 1)

Nick Menninga made a motion to approve the April 26, 2017 meeting minutes as presented, seconded by Dennis Streicher, motion carried unanimously.

2. DRSCW Nutrient Trading Development:

The DRSCW is in the process of contracting with the consultant team of Tetra Tech, Kieser and Associates, Abt Associates, and the Earth and Water Group to facilitate the development of the nutrient trading framework. The trading framework will:

- Evaluate economic opportunities for phosphorus (and nitrogen) pollutant trading between point sources.
- Identify opportunities for implementing nutrient removal through greater efficiency and flexible approaches such as trading between point sources and instream restoration projects and/or non-point sources.
- Select a market structure that is the most feasible for the DRSCW.
- Support a watershed approach that optimizes environmental and economic benefits.

The Nutrient Trading Framework is being developed as part of the Nutrient Implementation Plan (NIP) that is a requirement of the NPDES Special Condition Permit issued to all of the participating POTWs within the DRSCW watersheds. Per the Special Condition permit, the objective of the NIP is to identify phosphorus input reductions by point source discharges, non-point source discharges and other measures necessary to remove DO and offensive condition impairments and meet the applicable dissolved oxygen criteria and the narrative offensive aquatic algae criteria. The DRSCW envisions that the Nutrient Trading Framework will be one of several key components of the NIP due to the IEPA on December 31, 2023.

Deanna Doohaluk, Watershed Project Manager, The Conservation Foundation/DRSCW

3. Lower Salt Creek Watershed BMP Identification – The identification of potential best management practice (BMP) projects and programs is one of the most important steps of the watershed planning process. BMPs included in EPA-approved watershed-based plans become eligible for grant funding under Section 319(h) of the Clean Water Act through Illinois EPA's Nonpoint Source Pollution Control Program. CMAP staff will demonstrate an online "BMP survey" where Lower Salt Creek (LSC) Watershed stakeholders can place markers on an interactive map and select the types of BMPs proposed for inclusion in the LSC Watershed-Based Plan. The identification of past and currently underway water-quality related BMPs is requested through the online survey as well.

Holly Hudson, Senior Aquatic Biologist, NE Illinois VLMP Coordinator, Chicago Metropolitan Agency for Planning (CMAP)

The DRSCW will email a link to the online BMP Survey to members. Please submit your BMP opportunities by August 4th. Stakeholders may consider using the "Other Hydrologic" option for dam modification projects. The next Lower Salt Creek Watershed Plan stakeholder meeting will be

held at 1:00PM on August in Villa Park. The final draft plan will be submitted to Illinois EPA for approval by December 31, 2017.

4. NPDES Permit Special Condition (Old Business)

- Remaining POTW Permits (Elmhurst (2/29/16 not yet issued), Wood Dale North (5/31/16, under review) & Naperville (not yet issued). Hanover Park's permit has been reissued at Hanover Park's request (no impact on Special Conditions).
- Lower DuPage River Watershed Coalition - LDRWC budget includes a line item for supporting elements of the study portions of the special condition (NIP, trading and NPS study). The DRSCW has drawn up a draft agreement for the two organizations to sign. The draft agreement is included as **Attachment 2**. The DRSCW membership should vote to authorize the Board to negotiate and sign the agreement.
Larry Cox made a motion for the Board to negotiate and sign an agreement with the Lower DuPage River Watershed Coalition; seconded by Steve Zehner; motion carried unanimously.
- Illinois EPA has agreed to extend the IPS schedule in Naperville's draft permit.

5. Funding update (SB2081) (Old Business)

- IGIG grant program – No update.

6. Projects Committee

Special Conditions Activities

- **Oak Meadows Update** – Project is complete. Per our agreement with the FPDDC, the DRSCW will reimburse the FPDDC \$1M this fiscal year.
- **Fawell Dam Update** – The DRSCW Fawell Team met again with the Illinois DNR, Bartlett office. The team is putting together a permit application for consideration by DuPage County and IDNR. Two newspaper articles on the project have been published on the project.
- **Fullersburg Woods Concept Plan Development (Special Conditions Project)** –
 - The projects committee had a kickoff meeting with Bluestem
 - A presentation for the Forest Preserve District of DuPage County Board of Commissioners on pre-project outreach is scheduled for July 11, 2017.
A presentation to the Village of Oak Brook's Board of Trustees will be scheduled for August/September.
- **Spring Brook Phase II** – Permitting for the project is underway.
- **Trading Analysis** – The Projects Committee approved a final scope of work and budget from the Consultant Team. Tetra Tech's Contract Group reviewed and accepted our contract language. Once they receive approval from the Contract Group, we will officially sign the contract and begin work on the project. It is expected that the Nutrient Trading Kickoff Meeting will be held in early to mid-July. The DRSCW will invite representatives from the Illinois EPA and US EPA to participate in the Projects Committee Kickoff Meeting.
 - PDOPs – To date, DRSCW received final PDOPs from DuPage County, Hanover Park and Glendale Heights; Carol Stream submitted a draft.
 - Staff and Projects Committee members attended webinars related to nutrient trading: May 3 - NRCS Water Quality Credits from Stream Restoration Projects and May 17- CWP webinar on Nutrient Trading. Staff shared detailed summaries of these webinars with the Projects Committee. Staff also shared information on WEF's June 8th webinar, "Working with the Market for Green Stormwater Infrastructure" with the Projects Committee.
- **QUAL2K Update** – No update.
- **Non-Point Source** – No update.

Non-Special Condition Activities

- **IPS Tool Development** – A conference call with IEPA monitoring and database staff was held on May 25th. Following the call, IEPA supplied its data for WQ, QHEI, & IBI data for the Kishwaukee, Des Plaines and Fox Rivers (2006 - 2015). The data will be used in the updated version of the IPS tool.
 - We have been in contact with the Metropolitan Sewer District of Greater Cincinnati to discuss GIS requirements of the new IPS tool. The FPD has offered to assist in the GIS work on this item.

7. Monitoring Committee (Old Business)

- Summer deployment of DO probes is underway. A number of POTWs (Addison, Elmhurst, Hanover Park) will be taking on calibration responsibilities and County Stormwater staff are taking on additional coordination responsibilities.
- A new type of DO sonde is being tested by the partners.
The YSI probe data will be compared to existing data.
- The West Branch 2015 Technical Support Document is under development.
- USGS Phosphorus Study – The DRSCW made a payment to support this study.
- Resource Manager's Guide to Aquatic Bioassessment – under review.

8. Chloride Reduction Committee (New Business)

- Chloride Offset Program with the Illinois Tollway – IGAs are being signed with the Villages of Bensenville and Wood Dale. Once in place, plans will be developed with Elmhurst and Itasca.
- CAWS and Des Plaines River Chloride Variance – IPCB has issued an order regarding the chloride variance. The order covers two issues:

1) Clarifies the scope of the variance to the Lower Des Plaines River watershed including the CAWS watershed (except for the North Branch Chicago River, upstream of the North Shore Channel or in the part of the watershed in Indiana) and the Des Plaines River watershed from the Kankakee River to the Will County line (except for the DuPage River); and

2) The pending chloride variance petitions submitted to the IPCB are not yet substantially complete, and will need to be modified to conform with the recently issued USEPA variance rules.

The IPCB order covers not only the dischargers (16 in total) who have already filed petitions for chloride variances, but also those dischargers who have not yet filed petitions. Those dischargers can still file petitions, and be included in the overall watershed variance.

The IPCB board issues order does not change the proposed schedule and it is still the hope of the petitioners that the completed variance package will be submitted in January 2018, so any compliance issues are addressed and resolved before July 2018. The final format of the variance package has not been determined

- 2017 Workshops will be held at DuPage County DOT on October 5th (Parking Lots & Sidewalks) and October 12th (Public Roads). We need volunteers to provide updates on their municipal snowfighting programs.
- Winter Toxicity Update – no update.

9. Springfield Regulatory and Legislative Updates

- DRSCW staff had a meeting in Springfield with IEPA staff on Friday, June 9, 2017. The aim of the meeting was to provide IEPA with an update on the DRSCW Special Conditions and share

with them our proposed trading scope. Hard copies of our Special Conditions annual report were given to key staff. Illinois IEPA has agreed to make staff available for our nutrient trading framework development process and to facilitate contact with USEPA Region 5 on the subject.

10. TMDL Development for the DuPage River/Salt Creek (Old Business)

- Deanna worked with IDOT and IEPA to set a chloride load allocation for IDOT.
- We are still examining implementation scenarios for GB-16.

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

- **Lower Salt Creek 319 Plan** – A stakeholder meeting convened on Thursday, June 8 at 1pm in Brookfield. The meeting objective was to determine problem statement and goals for the watershed and begin the process of identifying water quality protection and restoration projects (a.k.a. BMPs - best management practices) to include in the plan.

12. Other Activities

- Cal Tar Sealants update – HB 2958 is in the rules committee and likely will not be called for a vote this session.
- Member MS4 report – A summary of the DRSCW MS4-related activities for 2016-2017 was completed on May 19, 2017 and distributed to all MS4 members and member transportation agencies. Per permit requirements, the 2016-2017 expanded on the information included in previous reports and details our monitoring program. Include in the MS4 report is a description of our monitoring plan, monitoring strategy, and sampling methods and a summary of the most recent available results for all three watersheds.

13. Business Items (New Business)

Invoice Payments May through June 15th (approved by Board)

Vendor/Project	Invoice Number	Amount (\$)
Forest Preserve District DuPage Cty.	Oak Meadows Stream Restoration #3	1,000,000.00
MBI	WB2015	\$1,933.72
V3 Companies	Fawell 3/26 - 4/29	\$2,565.11
V3 Companies	Fawell 2/26/17 - 3/25/17	\$1,864.21
Baxter & Woodman	Chloride Reduction Program Services	\$2,752.50
HACH	Service Agreements	\$5,645.00
The Conservation Foundation	May Prof. Svc, Fixed, Match	\$18,637.77
The Conservation Foundation	June Prof. Svc, Fixed, Match	\$18,637.77
The Conservation (increase)	November (+1FTE), May June (DD Increase); \$2.40 (Fixed Costs)	\$6,545.23
Stephen Expenses	April-May 5, 2017	\$492.21
Stephen Expenses	May 5-31, 2017	90.63
Deanna Expenses	April 2017	\$70.16
Deanna Expenses	May 2017	\$251.70
Tara Expenses	April 2017	\$79.16
Langan Haeger Vincent & Born	Insurance 2 of 3 Annual Installments	900.00
Illinois Charity Bureau Fund	Business Registration	15.00
Illinois Secretary of State	Business Registration	10.00
Harland Clarke	Check Order - May	\$126.98
Bank Service Fee	Transfer to Savings May	\$4.00

- **Membership Dues 2017-2018 – (Attachment 3)**
Current Agency and Associate members received renewal packets. Invitation letters were sent to eligible MS4 communities and potential Associate Members. The DRSCW will conduct individual follow-up with the five largest eligible MS4 communities.
- **Financial Report May 2017 – (Attachment 4)**
- **Professional Services to Prepare Annual Audit and Tax Returns**
After reviewing four qualifications-based proposals, the DRSCW Board contracted Lauterbach & Amen to prepare the DRSCW's Auditor's Report and Financial Statements and state and federal information returns FYE 2017 for a fee of \$6950.00. The Board voted to approve these documents, with two minor changes, at the Executive Board meeting on June 15th. Final documents will be posted on the DRSCW website.
- A new staffing agreement with The Conservation Foundation was approved by the Board. Membership should vote on the agreement (**Attachment 5**). The new figures in the agreement are in line with those approved in the 2017-18 budget in February.
Dennis Streicher made a motion to approve the staffing agreement with The Conservation Foundation; seconded by Sue Baert; motion carried unanimously.
- TCF is changing how it provides some of its professional services to economize workflow for the watershed groups it serves. Nancy Cinatl is joining the DRSCW team to assist with the organizational administration. Tara Neff is reallocating some of her time to the Lower DuPage River Watershed Coalition and the Lower Des Plaines Watershed Group.
Members welcomed Nancy to the group.

14. DRSCW Calendar, Presentations and Press Coverage

- May 2, 2017 – Lower Des Plaines Watershed Group (Romeoville, IL) – NIP Development (DD)
- May 4, 2017 – Sweet Water Trust (Wisconsin) – 1) Adaptive Management Financing and Implementation and Project Selection (SMC), 2) Oak Meadows Design and Financing (Erin Pande ERA and SMC)
- June 6, 2017 – Fawell Dam newspaper article in the Daily Herald (SMC)
- June 8, 2017 – Lower Salt Creek Watershed Stakeholder Meeting (Brookfield, IL) – Dissolved Oxygen Monitoring in Salt Creek (DD)
- June 9, 2017 – IEPA (Springfield, IL) – Development of the DRSCW Nutrient Trading Framework (DD)
- June 22, 2017 – Fawell Dam newspaper article in the Naperville Sun (SMC)

15. Workgroup Meeting Schedule

- August 30, 2017
- October 25, 2017
- December 13, 2017
- February 28, 2018
- April 25, 2018

The business meeting concluded at 10:00 AM and a tour of The Preserve at Oak Meadows followed.

**DuPage River Salt Creek Workgroup
Lombard Village Hall, Board Room
August 30, 2017
9:00 – 11:00 AM
Meeting Minutes**

1. Approval of June 28, 2017 Meeting Minutes (Attachment 1)

Motion to approve meeting minutes as presented made by Karen Dalton Lange, seconded by Sue Baert; unanimously approved.

2. Results of the 2015 Biological and Water Quality Study of the West Branch DuPage River Watershed

During 2015, the DRSCW carried out its comprehensive basin assessment for the West Branch DuPage River. 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 as well as how the results compare to those recorded during the low flow conditions encountered in 2012.

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

Presentation followed with brief question and answer session.

3. NPDES Permit Special Condition Administration (New Business)

- Elmhurst STP permit is out for public notice 7/7/2017 – 8/7/2017, Wood Dale North permit is out for public notice 7/8/17 – 8/7/17. Naperville's has not yet been issued. Thanks to Al Keller for expediting these permits.
- The agreement formalizing contributions by the Lower DuPage River Watershed Coalition (LDRWC) to the NIP was accepted and signed by the DRSCW at the 6/28/2017 member meeting. LDRWC members approved the agreement, which was signed by its officers on August 16th.
- The Board has reached out to DuPage County Public Works about updating their agreement with the DRSCW.

4. Funding update (SB2081) (Old Business)

- IGIG grant program – We are in the process of reaching out to Darleen Senger (Governor Rauner's new Deputy Chief of Staff) about this item.

5. Projects Committee (New Business)

Physical Projects

- **Oak Meadows – Project is complete.** A payment of \$500K was made to the FPDDC in June; a second payment of the same amount will follow before the end of the year. DO monitoring is ongoing at the site (overseen by the Village of Addison) and the macroinvertebrate, fish and QHEI surveys were carried out on August 21st.
- **Fawell Dam Modification**
 - The team has been meeting nearly weekly since May. A concept that meets the depth/velocity and in-stream elevation goals of the project was developed.

TSC Corp (Geotechnical Services) toured the dam site with Stephen and V3 on July 11th. TSC Corp reviewed the existing geotechnical data and how it relates to the draft concept design. Post meeting, DuPage County supplied more detailed reports, which are under review by TSC at this time.

- The team plans to submit a permit application to IDNR in early October following reviews by DuPage County Stormwater Management and the Projects Committee.
- The structural concept is being reviewed by an outside structural contractor with extensive dam experience.

The team will determine whether additional boring is necessary at the site and approach DuPage County Stormwater Management with a proposal if it is necessary.

- **Fullersburg Woods Concept Plan**

- Bluestem submitted a draft literature review. After staff review, it will go to members for final review.
- A presentation for the FPDDC Board of Commissioners on pre-project outreach was made on July 11th. Bluestem participated in the presentation. A “Talking Points” memo summarizing the case for dam modification was supplied to all members (August 2nd). Staff will follow up with select communities. It is our hope that this document will help members understand the cost benefits of the project and enable representatives to discuss the project knowledgably.

Please review the talking points. Stephen and Deanna are available and will be in contact with upstream communities.

- A presentation to the Village of Oak Brook Board of Trustees was delivered on August 8th. Bluestem participated in the presentation.
- A Projects Committee meeting focused on this item is provisionally scheduled for September 27th.

This meeting will be held at the FPDDC headquarters in Wheaton.

- On August 9th staff met with Connie Schmitt (Sierra Club) to discuss the Warrenville Dam removal. Connie also supplied several useful contacts.

Physical Project Update (not yet started)

- **Spring Brook Phase II**

The FPDDC will work with the Tollway and others for permitting and anticipate construction will begin in one year.

- **Lower East Branch**

Nutrient Implantation Plan (NIP)

- **Trading Analysis** – The contract with TetraTech to develop a Nutrient Trading Program Framework was signed on 06/26/2017. On 8/2/2017 staff and the consultant team discussed the agenda for the project kickoff meeting to be held on 8/29/2017 at 1:00PM at Itasca Village Hall. The project kickoff meeting agenda includes 1) review of goals, objectives, and project schedule; 2) provide an opportunity for the consultant team to

field questions related to the process of developing a basin-wide nutrient trading program framework and 3) discuss data needs and the draft data checklist.

Staff presented the project background and scope of work to the Illinois EPA on June 9, 2017 and US EPA Region 5 on July 13, 2017. Both agencies agreed representatives from their agency would participate in the development process and will attend the kickoff meeting on 8/29/2017.

If possible, please plan to start now by providing the information found on the checklist. Staff will distribute the checklist to POTW members.

- **Related to Nutrient Trading** – DRSCW reminded POTWs to finalize PDOPs. To date, DRSCW received final PDOPs from DuPage County, Hanover Park, and Downers Grove, Glendale Heights and a draft PDOP from Carol Stream.
- **Utility Management** - Carol Stream requested assistance to develop materials that explain future P limits and the DRSCW special condition to their residents. Staff is working on this item.
This item is being developed and can be customized and used by other members.
- **QUAL2K Update** - No update at this time.
- **Non-Point Source Washoff Model** – No update at this time.
The USGS nutrient washoff study will be an agenda item for the October membership meeting.

Non-Special Condition Projects Committee Activities

IPS Tool Update

- IEPA data obtained for the project was sent to MBI.
- We are reviewing further data needs with MBI.
- After discussion with Cincinnati Sewer District, it appears additional GIS work with the new IPS iteration is within staff capabilities but may require new software purchases. The cost and use of that software is being investigated.

6. Monitoring Committee (Old Business)

- Summer Deployment of DO probes is underway.
- The 2015 West Branch Technical Support document draft is under review by staff.
- Resource Manager's Guide to Aquatic Bioassessment – under review.

7. Chloride Reduction Committee (New Business)

- Tollway funding agreements with Bensenville and Wood Dale were signed. DRSCW will begin working with Elmhurst and Itasca in September.
- A training module for these two Villages is scheduled for October 10th.
The intensive training will be provided by the Salt Institute and APWA.

- The 2017 Workshops will be held at DuPage County DOT on October 5th (Parking Lots & Sidewalks) and October 12th (Public Roads). The Registration flyers are included as Attachment 2.
- New chloride fact sheets are under development.
- SB2138- - no update at this time.
- Winter Toxicity Analysis Update – no update at this time.
We expect to receive Jim Huff's progress report on the influence of temperature on the chronic and acute toxicity on the four most sensitive species next week.

8. Springfield Regulatory and Legislative Updates

- Stephen and Deanna are reviewing dates, times and with whom they should speak for the next visit.

9. TMDL Development for the DuPage River/Salt Creek (Old Business)

Language to include with the DO TMDL for GB-16 was developed with IEPA and is under review by TMDL staff and members of affected agencies (language supplied below).

Scenario	Scenario Description
4	Development and implementation of watershed wide practices to: Reduce SOD inputs Increase rates of in-stream aeration Decrease BOD inputs from NPS

An alternative to scenarios 1-3 is to allow multiple stakeholders/dischargers to continue implementing their adaptive management approach. Stakeholders would collaborate to identify and implement solutions to meet DO water quality standards and associated aquatic life thresholds. Over the mid to long term, dischargers would need to identify and implement specific actions that reduce ambient SOD and SOD inputs, increase BOD assimilation and reduce BOD inputs, and/or improve aquatic ecology. Alternative scenarios, BMPs, and other waterway modifications would be itemized by the watershed group for inclusion as action items in the member agencies permits.

Nick Menninga noted IAWA is interested in pursuing TALU (Tiered Aquatic Life Use) standards but is hesitant to bring before the IPCB without having Illinois EPA in support.

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

Lower Salt Creek 319 Plan - A stakeholder meeting convened on Thursday, August 10 at 1:00PM in Villa Park. Meeting objectives: refine the problem statement and goals for the watershed, learn about the water quality protection and restoration projects submitted to date for inclusion in the plan, begin addressing planning and policy recommendations as well as outreach and education concepts. CMAP is still looking for communities to submit existing and proposed BMPs projects via <https://lowersaltcreek-bmpssurvey.metroquest.com/>.

Holly Hudson, CMAP, provided a brief presentation regarding land-use based pollutant load estimates by subwatershed (modeled by DuPage County Stormwater Management using STEPL), and the BMPs submitted by stakeholders to date.

Tim Pollowy mentioned MWRD-GC's planned 2019 construction for offline detention and 5 miles of stream restoration in central/southern Addison Creek. Staff will get more information on MWRD-GC's plans for the watershed.

Eligible communities should submit their projects by September 15th.

Deanna delivered a presentation on the Preserve at Oak Meadows dam removal and restoration project.

The next stakeholder meeting is scheduled for October 5th in Westchester at 1:00PM.

Projects, as well as education and outreach, will be discussed.

11. Other Activities

- Cal Tar Sealants update – HB 2589 remains in Rules Committee.

12. Business Items (New Business)

Invoice Payments May through August 16th (Approved by Board)

Vendor/Project	Invoice Number	Amount (\$)	Status
Hach Service Partnership	10545239	10,556.15	Pre-approved/Paid
Bluestem - Fullersburg	295r	1,755.00	Approved
Bluestem - Fullersburg	298r	475.00	Partial Pmt Approved
Lauterbach & Amen - Final Audit & Return	23224	2,000.00	Approved
Inter-Fluve - Fawell	16-04-04-06	894.50	Approved
Inter-Fluve - Fawell	16-04-04-07	1,648.50	Approved
Inter-Fluve - Fawell	16-04-04-08	1,177.50	Approved
MBI 1/1 - 3/25/17 - Salt Creek 2016	1432	8,307.27	Approved
MBI 3/26 - 6/17/17 - Salt Creek 2016	1450	10,135.74	Approved
SLI - Salt Creek 2016	143132	14,717.49	Approved
SLI - Salt Creek 2016	141688	39,716.38	Approved
V3 Co. 5/28 - 6/24 - Fawell	617149	10,058.04	Approved
V3 Co. 4/30 - 5/27/17 - Fawell	517284	2,794.01	Approved
Stephen's Expense Report	June	300.70	Approved
Deanna's Expense Report	June	269.54	Approved
Tara's Expense Report	June	89.08	Approved
Stephen's Expense Report	July	17.55	Approved
Deanna's Expense Report	July	33.52	Approved

- **Membership Dues 2017-2018**

A summary of membership payments FYE 2018 can be found in Attachment 3.

- **Financial Report for June and July 2017 – Attachment 4.**

- **Professional Services to Prepare Annual Audit and Tax Returns**

Both the audit and tax returns were reviewed and approved by the board. Tax returns were filed.

13. DRSCW Calendar, Presentations and Press Coverage

- 7/10/2017 – “Outreach Plan for Modification of the Fullersburg Woods Dam” presentation to the Board of Commissioners of the Forest Preserve District of DuPage County. FPDDC Headquarters, Wheaton, IL. Bluestem Communications and the DRSCW (Erik Neidy).
- 7/11/2017 – Article in the Daily Herald on the dam modification at the Fullersburg Woods.
- 8/08/2017 – “Outreach Plan for Modification of the Fullersburg Woods Dam” presentation to the Village of Oak Brook Board of Trustees. Oak Brook Village Hall. Bluestem Communications and the DRSCW (Stephen).
- 8/10/2017 – Presentation on River Restoration at Oak Meadows at the Lower Salt Creek 319-Watershed Planning Group stakeholder meeting. Villa Park Village Hall. (Deanna).

14. Workgroup Meeting Schedule

- October 25, 2017
- December 13, 2017
- February 28, 2018
- April 25, 2018
- June 27, 2018

Jennifer Hammer made a motion to adjourn the meeting at 10:56 AM; seconded by Erik Neidy; motion carried unanimously.

**DuPage River Salt Creek Workgroup
Lombard Village Hall, Board Room
October 25, 2017
9:00 – 11:00 AM
Meeting Minutes**

1. Approval of August 30, 2017 Meeting Minutes (Attachment 1)

Motion to approve minutes with changes made by Nick Menninga, seconded by Dan Lobbes; motion carried unanimously.

2. Results of the Leaf Litter Study

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 evaluate how well various leaf collection practices remove organic detritus from streets. If the results of the research can clarify the benefits of various leaf collection practices, state officials may establish phosphorus reduction credits for qualifying sites to use as a way to achieve phosphorus reduction goals identified in a TMDL.

Presenter: Bill Selbig, Research Hydrologist at USGS – Wisconsin Water Science Center (via web conference)

A question and answer session followed the presentation.

Dave Gorman stated the Village of Lombard has been running a great PSA from DuPage County on its cable channel, and a seasonal blurb in the resident newsletter to educate residents about keeping leaves off the streets to prevent blocked storm sewers as well as increased phosphorus levels in receiving waters. Bill Selbig added that Clean Lakes Alliance is actively promoting good leaf management and has a good presence in Madison, WI.

3. NPDES Permits and Reporting

- Elmhurst's permit has passed public notice but has not yet been issued. Wood Dale's status appears to be similar but this has not yet been confirmed. We have again contacted IEPA about Naperville's permit. Permits staff are trying to get the Naperville permit issued by the end of the month.
- The DRSCW agreement with the Lower DuPage River Watershed Coalition (LDRWC) has been signed by all parties.

4. Funding update (SB2081) (Old Business)

5. Projects Committee (New Business)

Physical Projects

- **Oak Meadows** – Project is complete. Macroinvertebrate, fish and QHEI surveys were carried out on August 21st. Final payment for 2017 will be made in December.
- **Fawell Dam Modification**
 - The proposed structural concept was reviewed by consultant's structural staff.
 - A draft monitoring program has been produced (for management of the channel following modification of the structure).

Initial review of the draft will be conducted by staff; then it will be sent to DuPage County for review/approval.

- The proposed concept meets water surface elevation, water depth and velocity goals but the number of gate operations needed is currently unacceptably large. This part of the model is currently being refined. Once completed the concept will be reviewed by DuPage County Stormwater Management, the Forest Preserve District of DuPage County and finally the Projects Committee before a permit application is made (the aim is for November).
- The possibility of the need to collect additional geophysical data prior to construction is under review. If this is judged necessary, it will be reviewed by DuPage County Stormwater Management for approval before being presented to the Projects Committee.
- **Fullersburg Woods Concept Plan**

The original permits for the dam refer to the structure as the Graue Mill dam. As such, the Forest Preserve District of DuPage County recommended that the DRSCW refer to the structure as Graue Mill. The Project Committee is in agreement with the FPDDC and the DRSCW will refer to the structure as the Graue Mill dam moving forward.

 - The Projects Committee met on September 27th to discuss the draft questionnaire. The comments have been integrated into the updated questionnaire.
 - A draft literature review has been delivered by Bluestem following comments from staff and several members closely associated with the project.

Findings will be incorporated into the outreach plan. The first step in the plan is the public survey, which we anticipate will be distributed in April 2018. Communities in the Salt Creek Watershed were asked to send Tara their community's communication methods and deadlines. Receiving this information from upstream communities is especially helpful.

Physical Project Update (not yet started)

- **Spring Brook Phase II** – Permit submitted to Army Corps and Illinois DNR in September.
- **Lower East Branch** - Staff and Board members canoed the section of river where the project would be situated.

Nutrient Implantation Plan (NIP)

- **Trading Analysis** – Staff and the Consultant Team held a Kick-Off Meeting debrief on 9/6/2017. The minutes have been finalized and were shared with the project committee on October 20, 2017.

As a result of the discussion at the Kick-Off meeting, the Consultant Team has suggested that the project scope of work be modified to put more emphasis on the “Restoration Project” trading and has some ideas on how efforts can be from directed to this effort from point source to point source trading to keep the project in budget. Staff is working with the Consultant Team to draft an amended scope of work that will then be shared with the Project Committee for discussion.

- **Related to Nutrient Trading** – DRSCW reminded POTWs to finalize PDOPs. Since the previous meeting, DRSCW received a final PDOP from Glenbard, Bartlett, and West Chicago. The Village of Itasca has submitted a 6-month extension request to the IEPA for their Feasibility Study.
Please send your draft PDOP if you are confident in its content – these will only be used for the trading analysis and will not be shared with other parties. If your plant is not in the process of completing a PDOP, please complete the questionnaire (once issued).
- **Utility Management** - Carol Stream requested assistance to develop materials that explain future P limits and the DRSCW special condition to their residents. Deanna staffed a table at Carol Stream's Public Works Open House on Saturday, October 7th and provided information on the DRSCW including the results of our sampling in the West Branch and Klein Creek. The FPDDC provided their macroinvertebrate display for the event.
- **QUAL2K Update** - No update at this time.
- **Non-Point Source Washoff Model** – No other updates at this time.
- **Projects Committee Meeting** – November 1, 2017 beginning at 10:00 AM at the Downers Grove Sanitary District Administrative Building.
This meeting will focus heavily on the Trading and Fawell projects and you are encouraged to attend.

Non-Special Condition Projects Committee Activities

- **IPS Tool Update** – No update at this time.
Our second iteration of the tool will include the many data we received from Illinois EPA which will allow causal analysis at a much wider range.

6. Monitoring Committee (Old Business)

- Comments from staff on the 2015 West Branch Technical Support document draft were sent to MBI.
- Resource Manager's Guide to Aquatic Bioassessment – under review.
- DuPage County and DRSCW are reviewing the possible purchase of new DO probes. A proposal will be forthcoming.
- An RFP is being developed to solicit bids for water and sediment chemistry analysis and water quality sampling collection. The RFP will include sampling to be carried out for the DRSCW, Lower Du Page River Watershed Coalition, and Lower Des Plaines River Watershed Group.

7. Chloride Reduction Committee (New Business)

- Bensenville and Wood Dale are purchasing equipment under the IGA. We will be approaching Elmhurst, Itasca and Schaumburg next.
- A Workshop for Bensenville and Wood Dale streets staff was held on October 10th. Thanks to the Salt Institute and Vaisala for supplying speakers.

- 2017 Workshops were held at DuPage County DOT on October 5th (Parking Lots Sidewalks) and October 12th (Public Roads). Thanks to DuPage Division of Transportation for hosting both workshops.
We had record setting attendance at both workshops this year with good feedback from participants. A chloride committee debrief and planning meeting will occur next week. Dave Gorman noted that industrial permit holders might be potential parking lot and sidewalk workshop attendees so POTW communications might include the workshop save-the-date info in a communication with those permittees. Sue Baert stated WSD staff believed that the use of brine has increased the rates of corrosive on a bridge on the property. Stephen will discuss this issue with Dr. Nixon but noted that the amount of salt used would be reduced which would reduce corrosion. The use of organics has been documented to reduce the corrosive effects of the brine. A study conducted by Volkswagen determined the use of organics in brine reduced corrosion.
- New Fact Sheets are under development.
- Toxicity Study Update
Jim Huff expects to have draft language he plans to take before the IPCB by December 15th. Jim added he knew that Stephen felt that the current standard was also too high to protect aquatic life but that was outside of this study. Jim hopes the IPCB opens chloride in total, not just the winter months, for the state, excluding the Chicago Sanitary and Ship Canal.
- SB2138

8. Springfield Regulatory and Legislative Updates

- Stephen and Deanna are reviewing dates, times and with whom they should speak for the next visit.

9. TMDL Development for the DuPage River/Salt Creek (Old Business)

- Language to include with the DO TMDL for GB-16 was developed with IEPA and is under review by TMDL staff and members of affected agencies. All affected agencies are supportive of inclusion of the language as written. We are waiting for the draft reports from IEPA's consultant.

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

Lower Salt Creek 319 Plan

- A stakeholder meeting convened on 10/5/2017 in Westchester. The meeting objective was to provide an update on the identified BMPs projects, policies and programs and to begin to lay out the plan's monitoring strategy. At the 10/5/2017 meeting, the DRSCW presented on "Progressing to a sensible salting policy in the Salt Creek Basin".
- Staff is assisting CMAP develop the following plan elements: 2016 biological, habitat and water quality data, chloride reduction measures, streambank and gully erosion calculations and the entry of projects identified by the IPS tool into the BMP database. *Holly Hudson, CMAP, stated the draft plan will be sent to Illinois EPA by November 3, 2017. The online BMP tracker will be open through November. DuPage County is supplying pollutant load reduction calculations for projects submitted through the tracker.*

Holly reminded attendees about CMAP's Local Technical Assistance Program. Dave Gorman stated the DRSCW would look at collaborating on applicable projects. The next watershed planning meeting is December 7, 2017 at a location to be determined.

11. Other Activities

- Cal Tar Sealants update – HB 2589 remains in Rules Committee.

12. Business Items (New Business)

Invoice Payments August 17 – October 6, 2017 (Approved by Board)

Vendor/Project	Invoice Number	Amount (\$)	Status
Bluestem - Fullersburg Phase 2	301	1,295.00	Approved
Bluestem - Fullersburg Phase 2	304	570.00	Approved
Inter-Fluve - Fawell Dam Fish Passage	16-04-09	1,413.00	Approved
MBI - 2015 WBDR Biological Survey	1428	5,833.88	Approved
MBI - 2014 EBDR Biological Assessment	1431	5,432.70	Approved
Secretary of State of IL Annual Report Fee	2017	10.00	Approved
Tetra-Tech - Phosphorus Trading Program	51222307	14,334.25	Approved
V3 - Fawall Dam Mod. Phase II	717243	4,926.67	Approved
Stephen McCracken Expenses	August	168.56	Approved
Deanna Doohaluk Expenses	August	248.88	Approved
Tara Neff Expenses	August	59.72	Approved
Nancy Cinatl Expenses	August	14.69	Approved
Stephen McCracken Expenses	Sept	62.17	Approved
Deanna Doohaluk Expenses	Sept	95.70	Approved
Tara Neff Expenses	Sept	27.34	Approved

- **Membership Dues 2017-2018**

A summary of membership payments FYE 2018 can be found in Attachment 2.

- **Financial Report through September 2017** – Attachment 3.

- **Board and Budget Update**

There is a DRSCW Board Member-At-Large vacancy. Please contact Stephen if you are interested in learning more about this opportunity. The board may also approach potential candidates for the election at the annual meeting in February.

- **Newsletter** – under development.

Thank you to Dan Bounds, Rick Radde and Bryan Wagner for their assistance.

13. DRSCW Calendar, Presentations and Press Coverage

- 9/27/17 – A presentation on the DRSCW approach to watershed management was made to the Salt Creek Chapter of the Illinois Society of Professional Engineers.
- 10/5/2017 – A presentation on “Progressing to a sensible salting policy in the Salt Creek Basin” was made to the Lower Salt Creek 319 Watershed Plan stakeholder group.
This list does not include presentations made at the chloride reduction workshops.

Dave Gorman reminded attendees to sign in and verify the email address we have on record. He will send PDHs for meeting attendance in the next week or two.

14. Workgroup Meeting Schedule

- December 13, 2017
- February 28, 2018
- April 25, 2018
- June 27, 2018
- August 29, 2018
- October 31, 2018

Nick Menninga made a motion to adjourn the meeting at 10:52 AM; seconded by Steve Zehner; motion carried unanimously.

**DuPage River Salt Creek Workgroup
Lombard Village Hall, Board Room
December 13, 2017
9:00 – 11:00 AM
Meeting Minutes**

1. Approval of October 25, 2017 Meeting Minutes (Attachment 1)

Larry Cox made a motion to approve the October 25, 2017 meeting minutes as presented; seconded by Sue Baert; motion carried unanimously.

2. Stream Nutrient Assessment Procedure (SNAP): Ohio EPA has been working for over a decade – collecting and analyzing data – to establish a nutrient reduction strategy for Ohio waterways and corresponding water quality standards to protect aquatic life uses. The data analyses have included extensive work to establish scientifically defensible criteria, including evaluating ways to account for confounding factors such as habitat limitations and other stressors that can prevent attainment of aquatic life uses. This work led to development of preliminary concepts and a framework for nutrient water quality standards rules for rivers and streams.

The Stream Nutrient Assessment Procedure (SNAP) is designed to identify waterbodies impaired or threatened by effects from nutrients for a particular class of waters, specifically, wadeable rivers and streams. The SNAP is essentially a weight of evidence box model that seeks to determine where a waterbody is positioned along a continuum of enrichment, and directs management accordingly. Response variables that are evaluated in the SNAP are fish and macroinvertebrate condition, the magnitude of 24-hour dissolved oxygen fluctuations, and benthic chlorophyll levels.

Presenter: Robert Milter, Environmental Scientist, Ohio EPA (via web conference)

A question and answer session followed the presentation. The presentation will be posted on the DRSCW's website.

3. NPDES Permits and Reporting

- Both the Elmhurst and Wood Dale North permits passed public notice but have not yet been issued. Naperville received a draft permit to which they responded with comments to Illinois EPA (not related to special condition).
- We plan to hold a Special Condition workshop in January 2018. (*Actually held 2/1/2018*) *Al Keller will retire at the end of this year. The DRSCW will contact Amy Dragovich to participate in the workshop. The tentative date was based on Al Keller's availability and members reported that the Central States Water Environment Association executive committee meeting is January 18-19th.*

4. Funding update (SB2081) (Old Business)

5. Projects Committee (New Business)

Physical Projects

- **Oak Meadows** – We will make the last 2017 payment in December. Final payment will be made next year.
- **Fawell Dam Modification**

- Work continued on tweaking the gate operations table.
- A draft channel management document is under internal review. Once the draft is accepted, it will be sent to DuPage County Stormwater Management for review.
- Team is looking at geophysical proposals.
- An unofficial proposal is being prepared for IDNR to elicit feedback. If IDNR is agreeable, DuPage County Stormwater Management (DSWM) will preview the proposal. If DSWM finds the proposal acceptable, a formal permit application will be made to IDNR.

An informal application was submitted to IDNR for consideration yesterday. With a favorable response, a formal application will be submitted to DuPage County Stormwater Management for review and approval prior to the official submittal to IDNR.

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

- The Projects Committee met on November 27th to discuss the second draft of the resident outreach questionnaire. Due to time constraints at the meeting, the Committee discussed only the introduction and questions 1-4. Committee members will submit comments on the draft via email to Deanna no later than December 15.

Our target date to release the resident outreach questionnaire county-wide is mid-April; please forward your community outreach coordinator's contact information to Tara Neff.

- We received a revised, draft literature review from Bluestem following comments made by staff and several members associated with the project. The Projects Committee will review the draft.
- Meetings/contacts with key members of the historical groups associated with the site occurred on November 17th and 21st.

The DRSCW is responding to community inquiries and will not actively solicit input until March/April. Please send us any groups we should include in the outreach solicitation.

Physical Project Update (not yet started)

Spring Brook Phase II – Permit submitted to Army Corps and Illinois DNR in September. *Construction is expected to begin in 2019.*

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

Nutrient Implantation Plan (NIP)

- **Trading Analysis** – The Projects Committee met on November 1st and 27th to discuss trading. The focus of the November 1st meeting focused on 3 proposed amendments to the scope of work:

1. Create a more pronounced two-pronged framework to address both TP permit compliance trading and stream restoration crediting.
2. Focus the two-pronged framework on existing regulatory drivers (i.e. postponing the development of nitrogen baseline and POTW data assessment regarding nitrogen.
3. Seek regulatory certainty in the short-term for compliance trading to support framework development.

The Projects Committee reached consensus on amendments #1 and #2 on November 1st; however additional clarification from the consultant team was requested for amendment #3. The consultant team provided clarification (via conference call) on amendment #3 at the November 27th meeting. Following the discussion with the consultant team, the Projects Committee voted in support of all 3 amendments. The Projects Committee will present the proposed amendments to members at the December 13th meeting for final approval.

Members discussed the proposed amendments. Jennifer Hammer made a motion to accept the three amendments as recommended by the projects committee; seconded by Jim Holzapfel; motion carried unanimously.

At the November 27th meeting, the consultant team provided an update of their review of the PDOPs and Feasibility Studies and identified data gaps/clarifications needed prior to analysis. Staff will follow-up directly with each POTW identified as needing clarification. A checklist was prepared for POTWs whose studies are due in 2018 or later. Staff will share this checklist with the POTWs.

Deanna Doohaluk presented preliminary data analysis and West Branch DuPage River POTW costs to treat for phosphorus comparison information we received from the consultant team. Members requested more information on the assumptions made in the cost comparisons and whether ortho or poly phosphate is figured in the analysis. A summary of this information will be presented at the Special Condition Workshop to be held in early 2018.

- **Related to Nutrient Trading** – DRSCW reminded POTWs to finalize and forward to staff PDOPs and Feasibility Studies upon completion. Staff received all but two of the PDOPs and Feasibility Studies due through 11/30/2017. Itasca and Bolingbrook requested extensions to complete their studies. The studies for Addison's two plants are due by 12/31/2017.
- **QUAL2K Update** - No update at this time.
- **Non-Point Source Washoff Model** – No update at this time.

Non-Special Condition Projects Committee Activities

- **IPS Tool Update**

This project is on schedule for the targeted deadline at the end of 2018.

6. Monitoring Committee (Old Business)

- Staff sent comments on the draft 2015 West Branch Technical Support document to MBI. *Staff will send the revised draft to members of review.*
- Resource Manager's Guide to Aquatic Bioassessment – under review.
- DuPage County and DRSCW are reviewing the possible purchase of new DO probes. A proposal will be forthcoming. YSI and Eureka probes are being considered. *In terms of Chlorophyll A, Karen Clementi noted that YSI probes may be good for trend analysis but not for reliable data.*
- An RFP is being developed to solicit bids for water and sediment chemistry analysis and water quality sampling collection. The RFP will include sampling to be carried out for

the DRSCW, Lower DuPage River Watershed Coalition, and Lower Des Plaines River Watershed Group.

7. Chloride Reduction Committee (New Business)

- Bensenville and Wood Dale purchased their new equipment. Conversations started with Elmhurst.
- Winter sonde deployment is being organized with DuPage County Public Works.
- Revised Fact Sheets are underway.
- Toxicity Study Update.
- SB2138

8. Springfield Regulatory and Legislative Updates

- Stephen and Deanna are reviewing dates, times and with whom they should speak for the next visit.

9. TMDL Development for the DuPage River/Salt Creek (Old Business)

- **TMDL Update** –We are awaiting draft reports from the consultant.

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

- **Lower Salt Creek 319 Watershed Plan --** Staff submitted to CMAP the following plan elements: chloride reduction measures, streambank and gully erosion calculations and entered projects identified by the IPS tool into the BMP database. Staff is in the process of completing the following elements: 2016 biological, habitat and water quality data and an update to the physical characteristic survey to include data provided from DRSCW members (Northlake and Elmhurst). The Lower Salt Creek Watershed-Based Planning Stakeholder group met on December 7, 2017 at 1pm at the Village of Itasca. *Holly Hudson thanked DuPage County Stormwater Management and DRSCW for participation in the planning process. Holly reported the draft plan was submitted to IEPA on November 3, 2017. Additional information related to projects, monitoring measurements of success and data from the 2016 Salt Creek assessment will be added.*

11. Other Activities

- Coal Tar Sealants update – HB 2589 remains in Rules Committee.

12. Business Items (New Business)

Vendor/Project	Invoice Number	Amount (\$)	Status
Fortin Consulting: P&S workshop	3117	2,333.33	Paid
Jeff Pieroni: P&S workshop exp. Reimb.	None	103.34	Paid
Glenbard Wastewater Auth: Wkshp Reg. refund	None	75.00	Paid
Bluestem Communications-Sept. 27 planning mtg	307	570.00	Approved
MBI - IPS update	1472	10,431.50	Approved
V3 - Fawell Dam Phase II	817187	1,928.62	Approved
V3 - Fawell Dam Phase II	917419	4,440.68	Approved
The Conservation Foundation-food exp for workshops	None	2,821.50	Approved
FPD of DuPage County - Final 2017 Pmt for Oak Meadows	None	500,000.00	Approved
Stephen McCracken - Staff Expenses	Oct	502.71	Approved
Deanna Doohaluk - Staff Expenses	Oct	132.16	Approved
Tara Neff - Staff Expenses	Oct	238.67	Approved
Nancy Cinatl - Staff Expenses	Oct	9.80	Approved

- **Membership Dues 2017-2018**
Membership payments received to date - Attachment 2.
- **Financial Report through November 2017** – Attachment 3.
- **Board and Budget Update**
Both parties the DRSCW approached expressed interest in filling the vacant board position. Please contact Stephen McCracken directly if you have questions. The DRSCW will send members the slate of officers before January 1, 2018.
- **Newsletter** – under development.

13. DRSCW Calendar, Presentations and Press Coverage

- 12/7/2017 – A presentation titled “2016 Monitoring Results for the Lower Salt Creek Watershed” was made to the Lower Salt Creek Watershed Stakeholder Group (Deanna)

14. Workgroup Meeting Schedule

- February 28, 2018 from 9AM-11AM
- April 25, 2018 from 9AM-11AM
- June 27, 2018 from 9AM-11AM
- August 29, 2018 from 9AM-11AM
- October 31, 2018 from 9AM-11AM
- December 12, 2018 from 9AM-11AM