

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.