

DuPage River Salt Creek Workgroup
April 27th, 2011 Meeting Minutes
10:00 AM - Noon

Venue – Lombard Village Hall, 255 E. Wilson Ave., Lombard, IL 60148
Equivalent of 1 PDH Recognized for Attendance

1. Minutes for 2.23.2011 Annual Meeting (Attachment 1)

Motion made to approve minutes was made by Nick Menninga, seconded by Dennis Streicher, unanimously approved.

2. Presentation: East Branch DO and DO Feasibility Study

The TMDL for East Branch was published in 2004. In response to the TMDL the DRSCW produced a dissolved oxygen model for the East Branch of the DuPage River. The model was calibrated and validated using continuous dissolved oxygen data collected in the East Branch of the DuPage River. Under low flow (7Q10) conditions the area upstream of the Churchill Woods Dam was identified as the principle DO impairment, a condition confirmed by targeted monitoring at the site. The model predicted dam removal at the site would lead to an improved DO regime in the segment. An improved DO regime is measured as decrease in 24 hour variation in DO values and an increase in DO average minimums and median values.

Presenter: Jim Huff, Huff & Huff

This presentation is available on the DRSCW website at <http://drscw.org>.

3. Presentation: Dam Modification and Segment Naturalization. Churchill Woods

The dam modification of the East Branch DuPage River began in March following extensive hydraulic modeling and permitting. The project involved removing the principle spillway, construction of a riffle and will proceed to re-vegetation of wetland and upland areas.

Presentation will look at progress at the site to date.

Presenters: Derrick Martin, V3 Consultants, Sarah Ruthko, DuPage County Division of Stormwater Management

This presentation is available on the DRSCW website at <http://drscw.org>.

4. Proposed DRSCW Legislation regarding NPDES Permit Fees (old business)

SB 2081 has passed the Senate unanimously (57-0-0) and now moves into the House. The DRSCW is in contact with several potential sponsors in the House and is awaiting committee assignment. The Board thanks everyone for their support to date and request that letters or resolutions of support be sent to the members of the appropriate committee once that information is available. Members should also fax a letter in support of SB2081 to both the Springfield and District offices of your local Representatives.

Attachment 1

Please contact Tara Neff if you would like to have examples of the letters of support sent to you.

5. Presentation: Macroinvertebrate Scores as a function of Riparian Buffer Widths

That there is a link between buffer strips and aquatic biological health is accepted. But what width should buffer strips be to reach desired goals? The question is pertinent as the subject is being visited in the overhaul of the DuPage County Stormwater Ordinance. The presentation will look at the relationship between these two variables based on local data and investigate if optimal buffer widths can be identified to meet aquatic community thresholds.

Presenter: Stephen McCracken, DRSCW

This presentation is available on the DRSCW website at <http://drscw.org>.

6. Monitoring Committee - 2010 Salt Creek Bioassessment (old business)

- Work on the 2010 report is continuing. 2008-2010 Discharge Monitoring Reports, basin chemistry and continuous DO data has been supplied to the contractor.
- East Branch 2011 survey (new business)
A review of the sites to be included in the 2011 survey has been completed. The table below includes both the contract amount and amount budgeted in the February 2011 budget (see attachments 2 and 3). The Board requests permission to sign contracts for the designated tasks up the contract amount. Work would be scheduled to begin in June 2011.

Task	Contractor	Contract Amount	Budget Amount (2011 Budget)
Biological Monitoring, analysis and report deliverable	Midwest Biodiversity Institute (MBI)	\$90,064.21	\$90,060
Water quality sample collection and analysis, sediment sample analysis	Suburban Laboratories Inc		\$53,770

The quote for the biological monitoring is inside the budget total. Due to a few site additions and of sites SLI has been unable to make a proposal to date we have not yet received the proposal from SLI for a contract amount. Stephen estimated that the final contract would not exceed the budgeted amount by more than \$2000. Dennis Streicher made a motion to approve the expenditures as outlined, seconded by Nick Menninga, unanimously approved. Stephen will finish up tweaking the sample design for chemistry and get the two contracts to Kevin for his signature

7. Projects Committee (old business)

- IPS tool update – We are currently awaiting comments from IEPA before making final report. To start turning the IPS output into actionable projects the projects committee is requesting the release of the \$6,500 budgeted to run the planning session to determine how to best utilize IPS tool. A project scope for this process will be made available for approval at the June meeting (project development is budgeted in the 2011-2016 budget).

Attachment 1

Jennifer Clarke has passed the IPS tool and narrative on to Howard Essig of the IEPA's monitoring division for review and comments. A workshop is planned before the next meeting to allow peer review of the IPS tool and to plot out a course for turning the prioritized segments data in remediation projects.

- PAH Report – The final report is on the website non point source page. A synopsis of a new paper that provided answers to many of the questions the literature review pointed to as unanswered will be completed and added to the website. McHenry County is also looking into this issue and is sharing information with the DRSCW.

Stephen informed those present that the "PAHs sources and sinks" report was on line at the DRSCW website NPS page. Rob Covey said that he had I had recently heard that the City of Des Plaines was going to vote on a ban of coal tar sealants, but had decided against it when a large number of applicators and suppliers heard showed up at the city council meeting. He also noted that there was some confusion with products name with names like coal tar sealant, refined coal tar sealant, coal tar sealant emulsion, coal tar emulsion, refined coal tar emulsion, etc. Stephen agreed with this assessment noting that the name RT-12 was also used.

8. Chloride Reduction Report

The chloride committee met on the 15th of April to discuss the year ahead. The committee has decided to move towards annual reviews of practices. The 2011 workshops will focus on retrofitting existing equipment to allow for pre-wetting and anti-icing. Attachment 4 is the draft salt application rate guide aimed at private snow fighting agencies. Attachment 5 is the scope of work between DRSCW and CDM for work in 2011 and 2012. The Chloride Committee requests authority to sign the contract for the amount of \$17,280 (\$21,920 was budgeted for this item). Holding the workshops and monitoring their impacts is part of our current grant agreement with IEPA.

Jim Knudsen (Chloride Committee Chair) outlined the chloride reduction activities planned for 2001-12 including workshops, monitoring and education material. Also the committee was recommending that DuPage County DOT receive the chloride reduction award for 2010 based on their leadership in the area. A scope of services for CDM (the initiatives contractor) to cover the activities was presented. Motion made to approve the contract to the amount of \$17,280 by Nick Menninga, seconded by Steve Zehner, unanimously approved.

9. Fecal Coliform TMDL (old business)

IEPA has approved a work order for the septic mapping pilot and has selected CDM to perform the work.

Jennifer Clarke reported briefly on this. CDM should have the contract next week.

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

Ross Hill gave an update on the thorium clean up project. Phase 7 includes the notched removal of the Warrenville Dam which will go out to bid this year; phase 8, for next year, includes the removal of McDowell Grove Dam sheet pile structure.

11. Business Items

Attachment 1

- **Membership 2011 -2012** (Attachment 6, new business) dues letters for 2011-12 will be mailed out prior to the next meeting
- **Investment update** (Attachment 7 old business)
- **Audit update** (new business)
Wolf & Company is began the audit this week. The Board will discuss the capitalization policy will be determined based on the level we set.
- **Other Business** (new business)
- **Grant Management Update** (new business) A quarterly report (for April 15th) has been filed. A deliverable (the operations and maintenance plan for the East Branch DO Improvement -project at Churchill Woods Forest Preserve) has also been filed and accepted by IEPA (both items for grant FAA3191008). A scope of work for the development of the database will be delivered at the next meeting.

12. DRSCW Calendar and Press Coverage (new business)

- Larry Cox presented on the DRSCW watershed approach at the Illinois Association of Waste Water Agencies in Springfield on March 10th
- Giri Prabhukumar and Stephen McCracken presented on the literature review of PAHs sources and sinks at the 2011 joint conference of the Illinois Section AWWA and the Illinois Water Environment Association.
- Larry Cox testified before the Illinois Senate Environment Committee on March 17th in support of Senate Bill 2081 and the bill passed out of the Committee on a vote of 9-0.
- Dennis Streicher spoke on the DRSCW philosophy, funding and organization to the Lower DuPage Watershed group the 14th of April in Bolingbrook.
- On April 25th Stephen McCracken and Nick Menninga presented to Chicago Wilderness's Aquatic Task force on the subjects of "Project Identification and Prioritization on a Watershed Scale; Upper DuPage and Salt Creek" and on the applicability of Tiered Aquatic Life Use (TALU) classifications in Illinois.

Larry Cox thanked members for providing letters of support and assistance setting up meetings with local legislators.

13. Workgroup meeting schedule

- June 29, 2011
- August 31, 2011
- October 26, 2011
- December 7, 2011
- February 29, 2012
- April 25, 2012

Motion to adjourn the meeting made by Larry Cox, seconded by Nick Menninga, unanimously approved.