

**DuPage River Salt Creek Workgroup**  
**June 29<sup>th</sup>, 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 4.27.2011 Annual Meeting (Attachment 1)**

*Motion to accept minutes made by Ron Johnson and seconded by Steve Zehner - accepted unanimously.*

**2. Presentation: PAHs And Parking Lots.**

The University of New Hampshire Stormwater Center conducted a field experiment to quantify the mass of PAHs released from parking lots in cold climates. In October 2007, sealant was applied to two separate areas of a University parking lot. Runoff from the two seal coated sections and an unsealed control lot was collected and monitored with automated ISCO samplers for two years. Initial unfiltered runoff samples from the sealed lots contained 640ug/l to 5,800ug/l total PAHs. Concentrations from the sealed lots decreased rapidly after the first month, but remain higher than concentrations from the unsealed lot. PAH concentrations in swale sediments downstream of the sealed lot increased from a background concentration of several ug/kg to over 90 ug/kg in the year after sealant was applied. PAH concentrations in sediments in other stormwater devices ranged from 100-1,700 mg/kg. Surface soil samples collected adjacent to the sealed lots contain PAH concentrations of up to 400mg/kg, while samples collected adjacent to the control lot contain less than 5 mg/kg.

**Presenter:** Alison Watts, Ph.D. UNH Stormwater Center University of New Hampshire

*Sue Baert asked about roof tiles made from asphalt and if they had a loading value. Prof. Watts said that probably yes, PAHs were ubiquitous. It was the very high concentration detected in sealed lots drainage areas that drew the attention of researchers. However all hydrocarbon based products had a loading effect. Larry Cox asked if a ban had been put in place in New Hampshire, and if so what kind of ban. Prof. Watts answered that a ban had not been put in place in New Hampshire. Dave Gorman asked about the impacts in New Hampshire of the study and if it had been shared with consumers and vendors of coal tar. Prof. Watts said that it had been shared with these groups and it appeared that sales and use of coal tar had declined. She added that they were preparing an information flyer aimed at public consumption and offered to supply it to the DRSCW once it was complete. Dan Bounds noted that loadings tapered as time went on, he asked if that changed when reapplication happened every few years. Prof. Watts said that it seemed both plausible and likely but they had not reapplied in the experiment. Kevin Buoy asked about latex sealant. Prof. Watts said that those had not been tested by her research but it was highly likely that they were lower in concentration than coal tar. Stephen McCracken talked a little bit about the research in Minnesota where high concentrations of PAHs had been found in stormwater detention ponds.*

**3. Presentation: Stormwater Permits Program - Current Issues**

U.S. EPA and many States, including Illinois, are working on changes/updates to the stormwater discharge permitting program. There is an increasing focus on management of stormwater volumes, and a concurrent interest in using green infrastructure practices to increase infiltration and evapotranspiration. The presentation will give an update on EPA's national stormwater rulemaking and will touch on other current "hot topics."

**Presenter:** Bob Newport USEPA Region 5

*A number of questions were posed on the volume requirements and if they would be a requirement in the nationwide standards and how this would be funded and the structures maintained. Dan Bounds stated that based on his experience in California, after adoption, it takes about a decade for people to get on board. A question was also asked about how climate change would affect the calculations; Bob Newport said that was under consideration.*

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

Larry will provide an update.

**5. Monitoring Committee**

- 2010 Salt Creek Bioassessment (old business) - Work on the 2010 report is continuing. A write up on basin dams is being prepared by staff for the report.
- East Branch 2011 survey (new business)

The site list has been completed and contracts signed with SLI and MBI. Final contract costs and budgeted amounts are shown below. Project kick off meetings with SLI and MBI have been held to review sites and procedures. An updated map book for East Branch has been prepared and shared with the contractors.

<b>Task</b>	<b>Contractor</b>	<b>Contract Amount</b>	<b>Budget Amount (2011 Budget)</b>
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	\$55,474.73	\$53,770

- Database RFQ- under Grant 3191008 - We have funds to prepare report on the design and software purchases necessary to place the DRSCW data into a geodatabase format. The monitoring committee will be issuing an RFQ during the next few weeks to initiate the recruitment of a contractor for this task. As well as facilitating the use of the data in GIS the data base should improve the sharing of data with partners. The aim will be to have a scope and contract ready for consideration at the August meeting
- DRSCW data has been shared with the contractors working on the Elgin O'Hare expressway expansion and for projects being considered by the Forest Preserve District of DuPage County.

**6. Projects Committee (old business)**

- IPS tool update – The peer review and planning workshop was held on the 16<sup>th</sup> of June and attended by project committee members and invited consultants. Stephen will provide a brief update on that workshop
- Churchill Woods Update - *Planting is proceeding at the site.*
- PAH Update - *no update.*

**7. Chloride Reduction Report (old business)**

*The Chloride Committee is reviewing the monitoring data, planning the workshops, and finishing the parking lot guidance document.*

**8. Fecal Coliform TMDL (old business) no update**

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

*West Branch - Ross Hill reported that Warrenville Grove Dam will likely come out this year; DPC opens bids on July 13th. The thorium removal project is moving into the Warrenville area, from the dam south to I-88. Further upstream in the watershed, at West Branch Forest Preserve near Carol Stream, a \$5-6 million “Mega-Project” including 90 acres of wetland restoration, a mile of in-stream river improvements and 30 acres of fen restoration is currently in for permitting. The proposed work here within the river will include pool/riffle run construction.*

**10. Business Items**

- **Contract with The Conservation Foundation** – Our annual contract for staffing services is up at the end of the month. The new contract proposal is attached (attachment 2) *Larry Cox made a motion to accept the contract, seconded by Gary Smith. Accepted unanimously.*
- **Membership 2011 -2012** Dues letters for 2011-12 membership are scheduled to be mailed out in July.
- **Investment update** (Attachment 3 old business)
- **Audit update** – Draft Financial Statement, Auditors report and Report on Internal Controls are attached.(Attachments 4 and 5 old business)
- **Other Business** (new business)
- **Grant Management Update**

**11. DRSCW Calendar and Press Coverage (new business)**

- Stephen presented the “Calculating optimal widths for Riparian Buffer Zones in the DuPage-Salt Creek Watersheds” analysis at the DuPage County Municipal Engineers meeting on 6.9.2011.

**12. Workgroup meeting schedule**

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