

DuPage River Salt Creek Workgroup
Meeting Agenda
Lombard Village Hall
December 9th, 2015
9:00 – 11:00 AM

1. Approval of October 28th 2015 Meeting Minutes (Attachment 1)

2. Beads of Destruction: A Survey of Great Lakes Plastic Pollution

The study of plastic pollution started in the worlds' oceans, most famously focused on what has been called the 'Great Pacific Garbage Patch.' Despite a United Nations' report suggesting that 80% of this oceanic debris came from land and, thus, was likely transported through a freshwater system, very little research with regard to marine debris has focused upon these freshwater systems. Given the size and importance of the Great Lakes, they provide a significant representative model for other freshwater ecosystems throughout the world. During the summers of 2012 and 2013, we conducted the first-ever survey for plastic pollution within the open-waters of the Great Lakes. We present here our results from these initial open-water surveys, as well as additional investigations that were engaged upon as a result of these studies. Also covered will be the findings of the analysis of microplastics within wastewater treatment plant effluent.

Presenter: "Sam" Sherri A. Mason, Ph. D., Professor of Chemistry, Environmental Sciences Program Coordinator, the State University of New York at Fredonia.

3. Assessments for NPDES Permit Special Conditions (New Business)

- Special Conditions Permit Issuance Update (Attachment 2)
- MWRD-GC Permit Condition
- A workshop covering parts of the special condition is planned for January 28th 2016. The workshop will cover pretreatment for phosphorous, optimization and trading models and will include time set aside for discussion amongst members.

4. Funding update (SB2081) (Old Business)

- IGIG grant program

5. Projects Committee (New Business)

- Fawell Dam Update - The Projects Committee will meet in December to review work completed to date and plan for new scopes. Looking for authorization to access up to \$14,000 from staffing assessment FYE 2016.
- PAHs & Coal Tar Sealants (CTS) Update
- Oak Meadows Update.
- Lower Salt Creek Watershed Plan – DRSCW and DuPage County Stormwater Management have signed a MOU with CMAP under which the DRSCW will collect, digitize and submit physical data on the waterway for the 319 watershed plan. The County will be conducting wash off modeling, stormwater BMP recommendations and coordinating stormwater basin assessments.
- Ammonia – N standards development (update)

6. Monitoring Committee (Old Business)

- The 2015 biological/habitat and chemical surveys on the West Branch DuPage River and three reference sites in the Fox River basin are completed.
- The East Branch POTW chloride monitoring update
- The 2012 Technical Support Document for the West Branch DuPage River is being revised based on comments received from a final review. Special thanks to Jennifer Boyer and Robert Swanson (both of DuPage County Stormwater Management), Jessi DeMartini (Forest Preserve District of DuPage County) and Thomas Minarik (MWRDGC).
- Resource Managers Guide to Aquatic Bioassessment (update)

7. Chloride Reduction Committee (Old Business)

- Model Facility Plan is on the website
- Chloride Offset Program with the Illinois Tollway (update)
- CAWS and Des Plaines River Chloride Variance (update)

8. Watershed Permitting Update (Old Business)

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

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

- East Branch Resiliency Competition and Watershed Plan - update

11. Business Items (New Business)

- Membership Dues Update (Attachment 3)
- Accounts Update – (Attachment 4)
- Other Business

12. DRSCW Calendar, Presentations and Press Coverage (Old Business)

- November 10th – Stephen McCracken presented on the IPS methodology and outcomes to a Chicago Wilderness technical group looking at water resources.
- October 19th – Stephen McCracken presented on the IPS methodology and outcomes, “Data Driven Solution to Aquatic Life Impairments” to the MWRDGC Board at a District study meeting.
- A new newsletter (winter 2015) is being produced.

13. Workgroup Meeting Schedule

- February 24, 2016 (Annual Meeting)
- April 27, 2016
- June 29, 2016
- August 31, 2016
- October 26, 2016
- December 7, 2016

DuPage River Salt Creek Workgroup
Meeting Minutes
Maple Meadows Golf Course
October 28, 2015
9:00 – 11:00 AM

1. **Approval of August 26, 2015 Meeting Minutes** (Attachment 1) *Motion made by Nick Menninga, seconded by Sue Baert, motion carried unanimously. Item 2 on the agenda moved to the end of the meeting to allow the other items to be dealt with prior to visiting the site.*

2. **Oak Meadows Dam Removal and Stream Restoration. Special Conditions Project #1.**
In 2008 the Dam at Oak Meadows was flagged as the second largest warm weather DO sag on Salt Creek after the Fullersburg Woods Dam. The IPS analysis also found the site wanting on all priority habitat areas: riffles, riparian conditions, substrate, channel and pool. However there was neither the desire on the part of the owner, or funding available to the surface water community to act on any of the recommendations. In 2011 new management at the site opened up the possibility of having the dam removed and the discussion morphed into the Oak Meadows Golf Course Redesign Project which included removal of the dam and extensive enhancement of the stream corridor. The design team worked for two years to integrate to golf course redesign with optimization of the physical condition of the waterway. The presentation will include a visit to the diversion channel and portions of the restored river channel. **Beth Wentzel, PE, Interfluve, Ed Stevenson, PGA, Forest Preserve District of DuPage, Manager of Golf Operations.** *Stephen talked for a few minutes about how the DRSCW selected the site for support (TMDL analysis showing the dam as the source of a DO sag and stressor analysis showing the site fell short on all physical proximate stressors). He introduced Ed Stevenson and Greg Martin, the site manager and golf course designer, respectively. He thanked both men for their support of the water resources side of the project and thanked them for embracing rather than dismissing the restored waterway concept. Stephen also introduced Marty Melchior of Inter-Fluve who worked on the project, (Beth Wentzel was unavailable due to work commitments) and several others who had been key to getting the project underway. Ed then took the group through the history of the site and the development of the plan. The course had suffered flooding at regular intervals and the new design will drastically reduce the frequency, and hence cost, of such events. Rather than being a problem for the golf course redesign, the environmental aspects of the plan had helped seal the deal for the Forest Preserve District. Following Ed's presentation, Marty Melchior led a visit to the site that included the bypass channel, the restored channel and the diversion site. After the tour, the meeting ended.*

3. **Assessments for NPDES Permit Special Conditions (New Business)**
 - Special Conditions Permit Language Update. *Stephen went through the modified condition that was put together with for Bensenville and Itasca.*
 - Dues invoicing schedule. Member dues invoices have been mailed.

4. Funding update (SB2081) (Old Business)

- IGIG grant program *No new information*

5. Projects Committee (New Business)

- Fawell Dam Update- Project has restarted and new scopes of work have been submitted by contractors.
- PAHs & Coal Tar Sealants (CTS) Update – USGS Researcher was in town presenting her research. Her visit was sponsored by the Sierra Club and the DRSCW.
- Lower Salt Creek Watershed Plan – DuPage County Stormwater Management held a second workshop on the collection of stormwater basin location on the September 18th. A MOU between CMAP and the DRSCW to produce certain deliverables has been submitted to the Board for review.
- Ammonia – N standards development (update)

6. Monitoring Committee (Old Business)

- The 2015 biological/habitat and chemical surveys have been completed on the West Branch DuPage River.
- The biological/habitat and chemical survey at the three reference sites selected for 2015 have been completed. Reference sites are on the Ferson Otter Creek system.
- The East Branch POTW chloride monitoring will be starting this week. *Will be later*
- Resource Managers Guide to Aquatic Bioassessment Update (update)

7. Chloride Reduction Committee (New Business) *Dan Bounds did a short presentation*

- Our Public roads workshop was held on the 9/24/15 and had 173 attendees.
- Our parking lots & sidewalks on the 10/8/2015 had 98 attendees
- Thanks to the following sponsors – DuDOT (facilities and staff), Munroe Truck (financial sponsor) and K-Tech Coatings (financial sponsor). Also Bass Pro (three winter jackets for lottery).
- Facility Plan update
- Chloride Offset Program with the Illinois Tollway (update)
- CAWS and Des Plaines River Chloride Variance (update)

Dennis Streicher asked Dan about the response rates to questionnaires. He said that responses were good, typically about two thirds responded, but staff did have to chase some of them up with telephone calls. Responses show an uptake trend in BMPs, weather variability however make it hard to identify trends in ambient quality. Jennifer Hammer said she wanted to thank Stephen McCracken and Tara Neff for assisting at the Lower DuPage's Chloride workshop. The workshop was well attended and feedback was positive. Karen Daulton Lange asked if Downers Grove had been represented at the DRSCW workshop, she had sent out several letters to property owners and private operators in Downers Grove about the workshops. Stephen thanked her for that, noting that turn out at both workshops had been the highest ever. Stephen also noted that MWRD-GC was hosting their workshop the next day. Tony gave the place and time of the workshop.

8. Watershed Permitting Update (Old Business)

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

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

- East Branch Resiliency Competition and Watershed Plan - update

Mary Beth Falsey updated those present that the materials had been submitted and they were awaiting the evaluation.

11. Business Items (New Business)

- Membership Dues Update
- Accounts Update – (Attachment 2)
- Other Business

12. DRSCW Calendar, Presentations and Press Coverage (Old Business)

- At the request of Representatives Fine's office and the Sierra Club a presentation of PAH concentrations in the Upper DuPage and Salt Creek was made in Wilmette on 10/15/2015. Presentation was as part of a panel on Coal Tar based sealants and PAHs.
- The DRSCW continued to be represented as part of the environmental team for the Central Tri-State Environmental Working Group at the invitation of the Tollway.
- The DRSCW was invited to be part of Chicago Wilderness's strategy group on water management. Included a presentation on the special conditions on the October 14th (Jennifer Hammer)
- The DRSCW participated in the Lower DuPage Coalitions winter management workshop

13. Workgroup Meeting Schedule

- December 9, 2015 –speaker “Sam” Sherri A. Mason, Ph. D., The State University of New York at Fredonia, plastic filaments and debris in waste water.
- February 24, 2016 (Annual Meeting)
- April 27, 2016
- June 29, 2016

Attachment 2

**Agency Permit Dates and Funding Assessment and Dues Totals for FY 15-16 THROUGH FY :
December 3, 2015**

Agency Members	IL NPDES	Permit #1	IL NPDES	Permit #2	Date of	Project	Form of	Date of	Initial Duration	Permit Status		
	Permit #1	Expiration	Permit #2	Expiration	Agreement	Assessment Amounts	Commitment	Commitment	Of Agreement	Permit #1	Permit #2	
Addison	IL0033812	12/31/2012	IL0027367	12/31/2012	Complete	\$852,591	Letter of Intent	06/01/15	8	Pre Notice	Pre Notice	8/16/2015
Bartlett	IL0027618	1/31/2015			Complete	\$369,122	Agreement	05/19/15	8	Issued	N/A	
Bensenville	IL0021849	7/31/2011			In progress	\$27,672	Agreement		8	Issued	N/A	
Bloomington	IL0021130	8/31/2012			Complete	\$346,051	Agreement	05/26/15	8	Issued	N/A	
Bolingbrook	IL0032689	9/30/2011	IL0032735	8/31/2015	Complete	\$505,536	Agreement Commitment	07/14/15	8	0	0	
Carol Stream	IL0026352	1/31/2013			Complete	\$541,646	Letter	05/20/15	8	Issued	N/A	10/1/2015
Downers Grove SD	IL0028380	8/31/2012			Complete	\$1,103,353	Agreement	05/19/15	8	Issued	N/A	
DuPage County	IL0031844	3/31/2011			Complete	\$1,253,810	Resolution	07/14/15	4#	Issued	N/A	
Elmhurst	IL0028746	2/29/2016			Complete	\$802,439	Resolution	04/07/14	8	NYI	N/A	Permit not expired
Glenbard WW Authori	IL0021547	9/30/2011			Complete	\$1,606,883	Agreement	05/14/15	8	Issued	N/A	
Glendale Heights	IL0028967	3/31/2011			Complete	\$527,604	Agreement	05/21/15	8	Issued	N/A	
Hanover Park	IL0034479	7/31/2012			Complete	\$242,739	Agreement	05/21/15	8	Issued	N/A	
Itasca	IL0026280	8/31/2015			In progress	\$15,311	Agreement		8	Issued	N/A	
MWRDGC	IL0036340	8/31/2012	IL0036137	3/31/2010	In progress	\$247,734	TBD			Pre Notice	Pre Notice	
Roselle	IL0030813	8/31/2011	IL0048721	12/31/2012	Complete	\$341,037	Agreement	05/26/15	8	Issued	Issued	9/23/2015
Salt Creek SD	IL0030953	9/30/2015			Complete	\$331,006	Agreement	06/16/15	8	NYI	N/A	
West Chicago	IL0023469	6/30/2011			Complete	\$766,328	Agreement	06/01/15	8	Issued	N/A	9/24/2015
Wheaton SD	IL0031739	3/31/2016			Complete	\$892,713	Resolution	04/29/15	8	NYI	N/A	Permit not expired
Wood Dale	IL0020061	5/31/2016	IL0034274	4/30/2016	Complete	\$310,944	Agreement	06/11/15	7*	NYI	NYI	Permit not expired
Totals						\$11,084,519						

Key

Unexpired permits in bold

Special Assessment Permit

Studies Permit

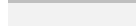
TBD

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To be determined

Equivalent to 8

To be renewed to 8

DRSCW 2015-2016
Membership Dues Update
December 3, 2015

Agency 2015-2016	Regular Dues	Staffing	Project Assessment	All Dues (Reg, S, PA)	Total Received
Addison	15467	3571	48754	67792	67792
Arlington Heights	676	106		782	782
Bartlett	7400	1681	21108	30189	
Bensenville	7761	1765	3459	12985	
Bloomingtondale	7396	1680	19788	28864	28864
Bolingbrook	7520	1709	28908	38137	
Carol Stream	10947	2512	30973	44432	44432
Clarendon Hills	450	53		503	503
Downers Grove	4839	1081		5920	5920
Downers Grove SD	16005	3697	63094	82796	82796
DuPage County	41418	9651	71697	122766	122766
Elmhurst	14977	3456	45886	64319	64319
Glen Ellyn	2377	504		2881	2881
Glenbard WW Authority	23207	5384	91887	120478	120478
Glendale Heights	9508	2175	30170	41853	41853
Hanover Park	5838	1315	13881	21034	21034
Hinsdale	495	63		558	588
Hoffman Estates	2028	423		2451	
Itasca	5560	1250	1913	8723	
Lisle	2392	508		2900	2900
Lombard	3407	746		4153	
MWRDGC	68662	16033	0	325598	68662
Naperville	6712	1520		8232	
Northlake	1095	204		1299	1299
Oakbrook Terrace	690	109		799	799
Roselle	6808	1542	19502	27852	27852
Salt Creek SD	4959	1109	18928	24996	24996
Schaumburg	5529	1243		6772	
Villa Park	1755	359		2114	2114
Warrenville	2023	421		2444	2444
West Chicago	15314	3535	43821	62670	62670
Westmont	1466	291		1757	1757
Wheaton	3889	859		4748	4748
Wheaton SD	12993	2991	51048	67032	67032
Winfield	1053	194		1247	
Wood Dale	5727	1289	17781	7016	7016
Woodridge	1950	404		2354	2354
	330,293	75,433	622,598	1,251,446	881,651

**DRSCW 2015-2016
Membership Dues Update
December 3, 2015**

Associate 2015-2016	All Dues	Received
AECOM	112	112
Arcadis US Inc.	112	
Baxter & Woodman, Inc	112	112
Black & Veatch	112	112
CDM Smith	112	
Christopher B. Burke Engineering, Inc.	112	112
Clark Dietz	112	112
Donohue and Associates	112	
DuPage County Health Department	112	
Elmhurst-Chicago Stone Company	112	112
Engineering Resource Associates	112	
Forest Preserve District of DuPage County	112	
Geosyntec Consultants	112	112
HDR Inc.	112	
Hey and Associates, Inc.	112	112
HR Green, Inc.	112	
Huff & Huff, Inc.	112	112
Illinois Department of Transportation	112	
Illinois State Toll Highway Authority	112	112
Inter-Fluve, Inc.	112	112
K-Tech Specialty Coatings, Inc.	112	112
Lisle Township Highway Department	112	112
Monroe Truck Equipment	112	112
Naperville Park District	112	112
Naperville Township Road District	112	112
Prairie Rivers Network	112	112
RHMG Engineers, Inc.	112	112
RJN Group	112	112
Robinson Engineering	112	112
Salt Creek Watershed Network	112	112
Sierra Club, River Prairie Group	112	
Strand Associates, Inc.	112	112
Suburban Laboratories, Inc.	112	112
The Conservation Foundation	112	
The Morton Arboretum	112	112
V3 Companies	112	112
Walter E. Deuchler Associates, Inc	112	112
WellSpring Environmental Products	112	
Individual - Mary Lou Kalsted	56	

4312 2912

**DuPage River Salt Creek Workgroup
Accounts Update
December 3, 2015**

Financial Institution	Account Type			Balance
Itasca Bank & Trust	Checking			\$215,806.82
Capital One 360	Savings			\$249,219.58
		Rate	Maturity	
Evergreen Bank	Money Market			\$247,950.04
EverBank	CD	0.75%	7/25/2016	\$101,364.27
EverBank	Money Market			\$148,000.00
Synchrony Bank	CD	1.22%	5/14/2016	\$102,801.21
Synchrony Bank	Money Market			Not Funded
First Internet Bank IN	Money Market			Not Funded