

DUPAGE RIVER SALT CREEK WORKGROUP
M E M O

TO: All DRSCW Agency Members

FROM: Larry Cox and Stephen McCracken

DATE: February 16, 2015

RE: Updates to Proposed NPDES Permit Special Condition Language and Recommended Agency Member Dues, Agency Member Assessments and Local Project Matches to Implement DRSCW Project Funding Plan

Proposed NPDES Permit Special Condition Language

We previously prepared draft special condition language to be included in the NPDES permits of DRSCW Agency members owning a POTW within the DRSCW watersheds. This draft language has been reviewed by DRSCW members and representatives of several environmental groups, IEPA and, most recently, USEPA Region 5. We have prepared a proposed revised version of this language, in response to a version received from USEPA Region 5, which reflects comments received from DRSCW Executive Board members and from DRSCW POTW members during special meetings held on January 30 and February 13, 2015. A copy of this version of the special condition language is attached as Exhibit 1. A consensus appears to be developing around special condition language which we anticipate will be incorporated soon into the NPDES permits of DRSCW Agency members owning a POTW within the DRSCW watersheds. This special condition represents acceptance of the proposed DRSCW local funding initiative based upon the IPS tool for an eight year project assessment period, followed by a three year period to implement phosphorus reduction to a monthly average limit of 1.0 m/g at those POTWs. Upon final acceptance of the special condition language by IEPA and USEPA Region 5 later this spring, it is envisioned that the project assessments detailed in this document would begin soon thereafter, perhaps as early as this summer or fall. The January 2013 draft white paper detailing this project funding initiative entitled "DuPage River Salt Creek Workgroup Adaptive Watershed Management to Achieve the Designated Use for Aquatic Life: Proposed Local Funding Initiative" may be viewed on the DRSCW website (<http://www.drscw.org/projectID.html>).

Duration of Compliance and Assessment Schedules

The special condition and assessment schedule previously submitted by DRSCW to IEPA and USEPA Region 5 contained project assessments over a ten year period and compliance schedules of twelve years for phosphorus removal by chemical precipitation and thirteen and a half years for biological phosphorus removal. Under this prior proposal, following a ten year project assessment period, a POTW would have had two

years to design and construct chemical precipitation facilities or three and a half years to design and construct biological phosphorus removal facilities. The special condition returned to DRSCW by IEPA and USEPA Region 5 now contains compliance schedules of ten years for chemical precipitation and eleven years for biological phosphorus removal. In order to insure that a POTW does not pay a project assessment and the capital cost of phosphorus removal facilities during the same year, the proposed assessment schedule will be reduced by two years, from ten years to eight years.

Overview of Recommended DRSCW Funding Plan

DRSCW Agency members are public agencies holding an NPDES permit for a discharge from a publicly owned treatment works or from a municipal separate storm sewer system into the DRSCW watersheds. DRSCW Agency members currently fund the monitoring, assessment, administration and project identification and prioritization activities of the Workgroup through annual dues. Under the proposed DRSCW funding plan, Agency members with a POTW will contribute to project funding through a project assessment amount in addition to their inflation adjusted membership dues. The project assessments will be combined with a local match from project sponsors to fund projects prioritized by the process contained in the plan. These projects include the required projects contained in the special condition to be incorporated into the NPDES permits of DRSCW Agency members owning a POTW and, if funding allows, additional projects to be identified under the process contained in the plan. The DRSCW funding plan recommends total project assessments of \$15,738,831, local project matches of \$10,492,557 and total project funding of \$26,231,388 over the eleven year period covered by the NPDES permit special condition (eight year project assessment period), **if all DRSCW Agency members owning a POTW participated in the voluntary project assessments and all projects receive a 40% match from local project sponsors.** The proposed funding level would start at \$1.5M in the first year. This initial funding level allows DRSCW and its Agency members to work out the implementation of this new funding initiative and build local support for projects as the funding level increases through the fifth year of the program.

Estimated Cost of Alternative Stream Improvement Projects

The special condition and implementation plan previously submitted by DRSCW to IEPA and USEPA Region 5 contained a process to identify and prioritize alternative stream improvement projects based on the IPS tool and other factors, a proposed list of such projects and a proposed schedule of assessments to POTW members based on estimated phosphorus removal O&M cost savings. The specific projects to be completed and the total amount to be invested in such projects was to be determined by DRSCW members collectively based on the level of participation in the assessment process by DRSCW Agency members with a POTW and the local matches received from project sponsors. The special condition returned to DRSCW by IEPA and USEPA Region 5 now contains a compliance schedule with anticipated completion dates for a list of specific projects. The estimated costs of the projects included in the special condition are provided below:

<u>Project Name</u>	<u>Estimated Project Costs</u>
Oak Meadows dam removal and stream restoration	\$2,250,000
Fawell dam modification	687,500
Springbrook dam removal and stream restoration	1,000,000
Fullersburg Woods dam modification and stream restoration	2,500,000
Southern WBDR physical enhancement	1,000,000
Southern EBDR stream enhancement	1,500,000
QUAL 2K model update for EBDR and WBDR	200,000
NPS phosphorus feasibility analysis	150,000
Nutrient Implementation Plan (NIP) and Trading Analysis	<u>500,000</u>
Subtotal	\$9,787,500
Contingency (5%)	<u>489,400</u>
Total Estimated Project Costs	\$10,276,900

The estimated project cost of \$10,276,900, therefore, now becomes the minimum funding level necessary to insure compliance with the special condition language. Under the most conservative approach, which includes only project assessments and excludes any local matches, a participation level of 65% of the recommended assessments of \$15,738,831 must be achieved before any POTW would consider accepting the special condition language in their NPDES permit. As previously stated on numerous occasions, the proposed project assessments contained in this plan are not subject to a reassessment process should participation by DRSCW Agency members which own a POTW be less than 100% or should local project matches not materialize at the 40% level. While the minimum funding level is necessary to initiate the funding plan; it does not diminish the overall target funding level of \$26,231,388 over the eight year assessment period and the DRSCW will strive to achieve that target.

IGIG Grant

The DRSCW, in conjunction with DuPage County and the Forest Preserve District of DuPage County, received last fall a grant award from the State of Illinois for an IGIG grant in the amount of \$2,700,000 for the DuPage River Watershed Green Infrastructure Project. This grant project consists of the Oak Meadows dam removal and stream restoration, Fawell dam modification and Springbrook dam removal and stream restoration projects listed above. In January of this year, however, Governor Rauner announced a grant freeze, which effectively froze the DRSCW grant. While the DRSCW and its grant partners are attempting to unfreeze this grant, we cannot consider this grant amount as available to meet the minimum project funding level discussed above. If the grant should be received in a timely manner, the grant amount of \$2,700,000 would be applied to the minimum project funding level discussed above, which would reduce the minimum participation level in the recommended assessments of \$15,738,831 from 65% to 48%, or otherwise if the grant amount is different.

Implementation of the DRSCW Funding Plan

IEPA has indicated that the DRSCW special condition, upon final acceptance of the language by IEPA and USEPA Region 5, will be incorporated first into the proposed draft NPDES permit for the Downers Grove Sanitary District. Shortly thereafter, it will be incorporated into the proposed draft permits for several other DRSCW Agency members. As these agencies will need to know whether there is sufficient interest in participating in the proposed DRSCW assessment and funding plan to meet the minimum level of participation discussed above, an Agreement will be prepared for adoption by those Agency members with a POTW that desire to accept the special condition in their permit, participate in the DRSCW funding program and pay the dues and assessment for their Agency as detailed in that plan. Under the Agreement, participating DRSCW Agency members will: continue funding the DRSCW monitoring, assessment, and administration activities at inflation adjusted current levels through the payment of annual DRSCW Agency member dues; fund project implementation at the level identified here through the payment of an annual DRSCW project assessment; implement agreed upon projects; and report project implementation progress and spending via an annual progress report submitted to Illinois EPA, the first of which will be submitted on January 1, 2016. Under the Agreement, the DRSCW will administer the funding program; enter into contracts with project sponsors to design and construct the selected projects; identify, prioritize and build consensus for additional projects beyond those contained in the special condition table; prepare and submit reports as indicated in the special condition table and return any unused project assessment funds to Agency members in proportion to their assessment payments. The Agreements will not be accepted by the DRSCW until the Workgroup has received signed Agreements containing assessment payment pledges from enough DRSCW Agency members to meet the minimum funding level discussed, i.e. \$10,276,900 with no IGIG grant or an appropriate reduction in that minimum amount if the IGIG grant is timely received. The Agreement would provide that the first year's assessment amount would be due and payable within four months of the acceptance of the Agreements by the DRSCW and the assessment each following year would be due in the same manner as annual dues. The DRSCW will provide an Agreement to each Agency member with a POTW as soon as the special permit language has been accepted by IEPA and USEPA Region 5, with a request for prompt action by each Agency's governing Board.

DRSCW Assistance with Agreement Adoption

The DRSCW has previously presented the funding plan at various meetings of the DuPage Mayors and Managers Conference and the current version will be presented again in the near future, with a request for support or endorsement of the plan for those Agencies desiring to participate. In addition, DRSCW Executive Board members or staff are willing to attend the appropriate meeting of your Board to discuss this plan.

Summary

It must be clearly understood that the estimated project funding total of \$26,231,388 contained in this funding plan represents the preferred and targeted funding goal. It is based on 100% participation by all DRSCW Member agencies, which own a POTW discharging into DRSCW watersheds, through the payment of the project assessments each year. A DRSCW Agency member which elects not to participate in the DRSCW watershed implementation plan would not contribute to the proposed project funding but rather would negotiate directly with the Illinois EPA on an appropriate limit and compliance schedule for phosphorus removal in their NPDES permit. In addition, the estimated \$26,231,388 project funding level is based on the contribution of local matches of 40% of the cost of each individual project from local project sponsors, above and beyond the project funding assessments paid by DRSCW Agency members. The proposed project assessments contained in this funding plan are not subject to a reassessment process should participation by DRSCW Agency members which own a POTW be less than 100% or should local project matches not materialize at the 40% level. It is also anticipated that the estimated project funding level will vary from the annual estimates contained in this plan but that the appropriate funding target is total project funding over the eight year period and the DRSCW will strive to achieve that target.

The cost of this approach to local government entities is assessed at the level needed for successful implementation of the plan. Along with a high probability of moving towards the aquatic life thresholds, it creates an incentive for members to participate, allows local government to offset the risk of investing in an untried methodology by creating short term savings, encourages them to invest outside of their jurisdictions, and, if the program is successful, helps to validate its efficacy. The selection of projects to be funded will start with the projects prioritized by the IPS tool and then proceed to reflect other factors such as readiness to proceed, project sponsors willing to provide local match, etc. as deemed appropriate during the consensus building process of project selection at the DRSCW.

Details of Recommended DRSCW Funding Plan

The attached dues and assessments schedule contains the updated and recommended funding plan, as previously presented in our memos dated May 6, 2013 and April 4, 2014, with the proposed implementation of the funding mechanism anticipated to begin later this year. The attached document contains detailed estimates of dues and assessments for each DRSCW Agency member and calculation rates for each dues and assessment component over the entire eight year project funding program. The proposed project funding level would start at \$1,500,000 in the first year. This initial funding level allows DRSCW and its Agency members to work out the implementation of this new funding initiative and build local support for projects. The recommended funding plan increases the level of project funding gradually over the initial five year period of this program under the following assumptions:

- 1) Agency member dues would increase by 3% each year, as previously presented.
- 2) A dues component for an additional DRSCW staff position would be allocated 2/3 to Agency members with a POTW and 1/3 to Agency members without a POTW, which is the same dues allocation formula used since the formation of the Workgroup. The additional staff component has been included in the calculation of dues for FY 15-16, beginning at \$75,000 for that year and increasing by 3% per year, as previously presented.
- 3) A proposed assessment for project funding and would be allocated 100% to Agency members with a POTW and the project assessment would be in addition to annual dues, as previously presented.
- 4) Over the entire eight year period from FY 15-16 through FY 22-23, the recommended funding plan would generate total project funding of \$26,231,388, consisting of Agency member project assessments of \$15,738,831 and local project sponsors matches of \$10,492,557 (see Table 1, page 9).
- 5) The recommended funding plan would generate dues, project assessments and local matches each year as indicated below:

<u>Year</u>	<u>DRSCW Agency Member Project Assessments</u>	<u>Local Matches from Project Sponsors</u>	<u>Total Amount of Annual Project Funding</u>	<u>DRSCW Agency Member Dues</u>	<u>Total Annual DRSCW Program Funding</u>
FY 15-16	\$900,000	\$600,000	\$1,500,000	\$430,483	\$1,930,483
FY 16-17	927,001	617,999	1,545,000	443,400	1,988,400
FY 17-18	1,516,529	1,011,021	2,527,550	456,714	2,984,264
FY 18-19	1,562,028	1,041,355	2,603,383	470,409	3,073,792
FY 19-20	2,589,444	1,726,296	4,315,740	484,501	4,800,241
FY 20-21	2,667,131	1,778,087	4,445,218	499,065	4,944,283
FY 21-22	2,747,142	1,831,428	4,578,570	514,031	5,092,601
FY 22-23	2,829,556	1,886,371	4,715,927	529,447	5,245,374
Totals	\$15,738,831	\$10,492,557	\$26,231,388	\$3,828,050	\$30,059,438

The attached tables include the following information:

Current and potential DRSCW Agency members

The table contains a list of the current 37 DRSCW Agency members. In addition, there are an additional 24 public agencies holding an NPDES permit for discharges from a public separate storm sewer system into the DRSCW watersheds and these Agencies are listed as potential Agency members. All of the POTWs discharging into the DRSCW watersheds are owned by DRSCW Agency members.

Total Tributary Area and Total Tributary POTW MGD

The total tributary area for each public agency with an NPDES permit for storm water and the total tributary POTW MGD are listed. These amounts are utilized to calculate DRSCW member Agency dues and assessments.

Current FY 14-15 Dues (effective 3/1/14)

Agency member dues for FY 14-15, effective March 1, 2014, increased 3% as previously budgeted. The amount of the FY 14-15 dues and the increase from the prior year's dues are listed for each Agency. Current DRSCW Agency member dues (\$320,657) represent 94% of the total amount of dues from all eligible Agency members (\$341,112) (see Table 2, page 10).

Proposed Dues and Assessments – FY15-16 through FY 22-23

The dues, including a new staffing component, assessments for project funding, total dues and assessments and estimated O&M costs of phosphorus removal for each Agency member are provided for each year from FY 15-16 through FY 22-23, as detailed in the calculation method discussed above (see Tables 3 through 10, pages 11 through 18).

Eight Year Totals – FY 15-16 through FY 22-23

The eight year totals of dues, project funding assessments and total dues and assessments for each Agency member are provided for the entire eight year project funding period, FY 15-16 through FY 22-23 (see Table 1, page 9).

Calculation Rates

At the bottom of the table, the calculation rates are provided for each of the columns in the table. DRSCW Agency member dues and assessments are calculated as follows: (fixed component) plus (tributary acreage times rate per acre) plus (POTW MGD times rate per MGD).

Estimated Phosphorus Removal O&M Costs (\$130/MG)

The key element of the proposed funding program is no NPDES obligations for phosphorus removal at DRSCW Agency member POTWs for a period of eight years. This would both allow, and be contingent upon, DRSCW members making funds available for identified projects, as detailed in this memo. The table contains a calculation of the estimated O&M costs of phosphorus removal for Agency members with a POTW(s) as a reference for comparison for each year from FY 15-16 through FY 22-23. The estimated cost of \$130/MG for FY 14-15 is based on the high point of the range of O&M costs presented to the Workgroup on June 27, 2012 by Pavel Hajda, Symbiont, for phosphorus removal to Level 1P (1.0 – 1.5 mg/l) with chemical addition only. The source of this estimate is the USEPA Municipal Nutrient Removal Technologies Reference Document, dated September 2008. The high point of the range was selected for our purposes based upon the recommendation of Mr. Hajda, in large part because the cost data in the USEPA report is already several years old. In utilizing these cost estimates, each Agency member should keep in mind any necessary modifications to the estimated removal cost based on individual circumstances at their

POTW(s). The estimated O&M cost of phosphorus removal is inflation adjusted (3% per year) and was utilized to establish the proposed schedule of project assessments.

Cost Savings of Proposed DRSCW Program over Phosphorus Removal O&M Costs

Table 11 (see page 19) presents the total cost savings of the proposed DRSCW funding program over the estimated phosphorus removal costs across all three DRSCW watersheds. Table 12 (see pages 20 through 38) presents the cost savings of the proposed DRSCW funding program over the estimated phosphorus removal costs for each DRSCW Agency member with a POTW. As the cost to design and construct phosphorus removal facilities is essentially the same in both scenarios, just occurring at different times, these costs were not included in either scenario.

In both tables, the baseline conditions assume no DRSCW funding program and the implementation of phosphorus treatment at all POTWs in the DRSCW watersheds within three years (2018). Under baseline conditions, the watershed would spend an estimated total of \$118,933,065 on phosphorus removal over the 15 year period extending through 2029. Under the eight year DRSCW funding program, the watershed would spend \$44,413,407 on phosphorus removal and invest \$26,231,388 of total project funding, or \$15,738,831 in project assessments, on watershed projects identified by the IPS tool, for a cost savings of \$48,288,270 over the same 15 year period. These calculated cost savings obviously do not include the expected significant benefit of the proposed projects on local watersheds.

Next Actions

We propose to review this recommended funding plan and special condition language during the DRSCW special meeting with all members at the rescheduled annual meeting to be held on March 11.

DuPage River Salt Creek Workgroup					TABLE 1
Proposed Dues and Assessments			EIGHT YEAR PROGRAM TOTALS		
Summary by Eight Year Period			FY 15-16 THROUGH FY 22-23		
February 16, 2015					
		Total		Project	
	Total	Tributary		Funding	
	Tributary	POTW	Annual	Assessment	Total
	<u>Acreage</u>	<u>MGD</u>	<u>Dues</u>	<u>Amounts</u>	<u>Amount</u>
<u>Current Agency members</u>					
Addison	6,053	8.50	\$169,297	\$852,591	\$1,021,888
Arlington Heights	895		6,949	0	6,949
Bartlett	3,765	3.68	80,756	369,122	449,878
Bensenville	1,575	4.70	84,712	471,432	556,144
Bloomingtondale	4,413	3.45	80,714	346,051	426,765
Bolingbrook	130	5.04	82,076	505,536	587,612
Carol Stream	5,908	5.40	119,681	541,646	661,327
Clarendon Hills	446		4,466	0	4,466
Downers Grove	9,162		52,641	0	52,641
Downers Grove SD		11.00	175,203	1,103,353	1,278,556
DuPage County	46,189	12.50	454,115	1,253,810	1,707,925
Elmhurst	6,504	8.00	163,915	802,439	966,354
Glen Ellyn	4,274		25,626	0	25,626
Glenbard WW Authority		16.02	254,245	1,606,883	1,861,128
Glendale Heights	3,450	5.26	103,892	527,604	631,496
Hanover Park	4,251	2.42	63,602	242,739	306,341
Hinsdale	537		4,970	0	4,970
Hoffman Estates	3,581		21,797	0	21,797
Itasca	3,187	2.60	60,556	260,792	321,348
Lisle	4,303		25,785	0	25,785
Lombard	6,318		36,923	0	36,923
MWRDGC	16,251	42.00	753,131	4,212,805	4,965,936
Naperville	12,882		73,204	0	73,204
Northlake	1,728		11,551	0	11,551
Oakbrook Terrace	923		7,104	0	7,104
Roselle	3,385	3.40	74,249	341,037	415,286
Salt Creek SD		3.30	53,960	331,006	384,966
Schaumburg	10,532		60,217	0	60,217
Villa Park	3,039		18,799	0	18,799
Warrenville	3,571		21,739	0	21,739
West Chicago	8,199	7.64	167,617	766,328	933,945
Westmont	2,465		15,625	0	15,625
Wheaton	7,276		42,218	0	42,218
Wheaton SD		8.90	142,138	892,713	1,034,851
Winfield	1,645		11,093	0	11,093
Wood Dale	2,095	3.10	62,391	310,944	373,335
Woodridge	3,426		20,939	0	20,939
Subtotals	192,358	156.91	\$3,607,896	\$15,738,831	\$19,346,727
<u>Potential Agency members</u>					
Subtotals	31,136	0	\$220,154	\$0	\$220,154
Grand Totals	223,494	156.91	\$3,828,050	\$15,738,831	\$19,566,881
<u>Proposed Project Funding</u>					
Assessments				\$15,738,831	
Local matches				\$10,492,557	
Total Project Funding				\$26,231,388	

DuPage River Salt Creek Workgroup											TABLE 3
Proposed Dues and Assessments											Estimated
February 16, 2015											Phosphorus
											Removal
			PROPOSED FY 15-16 DUES (EFF 3/1/15)								O&M Costs
	Total	Tributary	Dues	Dues	Dues	New	Dues	New	Total	Amount	Costs
	Tributary	POTW	Fixed	Acreage	WTP	Staffing		Project	Dues and	of	
	Acreage	MGD	Component	Component	Component	Component	Total	Assessment	Assessments	Increase	per MGD
Current Agency members											
Addison	6,053	8.50	\$225	\$3,048	\$12,194	\$3,571	\$19,038	\$48,754	\$67,792	\$52,776	\$415,425
Arlington Heights	895		225	451		106	782		782	126	
Bartlett	3,765	3.68	225	1,896	5,279	1,681	9,081	21,108	30,189	23,004	179,854
Bensenville	1,575	4.70	225	793	6,743	1,765	9,526	26,958	36,484	28,950	229,705
Bloomingtondale	4,413	3.45	225	2,222	4,949	1,680	9,076	19,788	28,864	21,683	168,614
Bolingbrook	130	5.04	225	65	7,230	1,709	9,229	28,908	38,137	30,835	246,322
Carol Stream	5,908	5.40	225	2,975	7,747	2,512	13,459	30,973	44,432	33,805	263,917
Clarendon Hills	446		225	225		53	503		503	67	
Downers Grove	9,162		225	4,614		1,081	5,920		5,920	1,223	
Downers Grove SD		11.00	225		15,780	3,697	19,702	63,094	82,796	67,257	537,609
DuPage County	46,189	12.50	225	23,261	17,932	9,651	51,069	71,697	122,766	82,556	610,919
Elmhurst	6,504	8.00	225	3,275	11,477	3,456	18,433	45,886	64,319	49,779	390,988
Glen Ellyn	4,274		225	2,152		504	2,881		2,881	573	
Glenbard WW Authority		16.02	225		22,982	5,384	28,591	91,887	120,478	97,947	782,953
Glendale Heights	3,450	5.26	225	1,737	7,546	2,175	11,683	30,170	41,853	32,622	257,075
Hanover Park	4,251	2.42	225	2,141	3,472	1,315	7,153	13,881	21,034	15,367	118,274
Hinsdale	537		225	270		63	558		558	77	
Hoffman Estates	3,581		225	1,803		423	2,451		2,451	482	
Itasca	3,187	2.60	225	1,605	3,730	1,250	6,810	14,913	21,723	16,326	127,071
Lisle	4,303		225	2,167		508	2,900		2,900	578	
Lombard	6,318		225	3,182		746	4,153		4,153	846	
MWRDGC	16,251	42.00	225	8,184	60,253	16,033	84,695	240,903	325,598	258,937	2,052,687
Naperville	12,882		225	6,487		1,520	8,232		8,232	1,716	
Northlake	1,728		225	870		204	1,299		1,299	236	
Oakbrook Terrace	923		225	465		109	799		799	130	
Roselle	3,385	3.40	225	1,705	4,878	1,542	8,350	19,502	27,852	21,243	166,170
Salt Creek SD		3.30	225		4,734	1,109	6,068	18,928	24,996	20,182	161,283
Schaumburg	10,532		225	5,304		1,243	6,772		6,772	1,405	
Villa Park	3,039		225	1,530		359	2,114		2,114	410	
Warrenville	3,571		225	1,798		421	2,444		2,444	480	
West Chicago	8,199	7.64	225	4,129	10,960	3,535	18,849	43,821	62,670	47,803	373,394
Westmont	2,465		225	1,241		291	1,757		1,757	334	
Wheaton	7,276		225	3,664		859	4,748		4,748	973	
Wheaton SD		8.90	225		12,768	2,991	15,984	51,048	67,032	54,418	434,974
Winfield	1,645		225	828		194	1,247		1,247	225	
Wood Dale	2,095	3.10	225	1,055	4,447	1,289	7,016	17,781	24,797	19,237	151,508
Woodridge	3,426		225	1,725		404	2,354		2,354	461	
Subtotals	192,358	156.91	\$8,325	\$96,867	\$225,101	\$75,433	\$405,726	\$900,000	\$1,305,726	\$985,069	\$7,668,741
Potential Agency members											
Aurora	1,031		\$225	\$519		122	\$866		\$866	\$144	
Barrington	103		225	52		12	289		289	21	
Batavia	9		225	5		1	231		231	9	
Berkeley	896		225	451		106	782		782	126	
Broadview	822		225	414		97	736		736	116	
Brookfield	1,626		225	819		192	1,236		1,236	223	
Darien	292		225	147		34	406		406	45	
Deer Park	1		225	1		0	226		226	8	
Elk Grove Village	3,192		225	1,607		377	2,209		2,209	430	
Franklin Park	16		225	8		2	235		235	9	
Hillside	1,363		225	686		161	1,072		1,072	188	
Inverness	2,836		225	1,428		335	1,988		1,988	383	
Maywood	35		225	18		4	247		247	12	
Melrose Park	1,016		225	512		120	857		857	142	
Oak Brook	5,319		225	2,679		628	3,532		3,532	714	
Palatine	6,058		225	3,051		715	3,991		3,991	811	
Rolling Meadows	3,004		225	1,513		354	2,092		2,092	405	
St Charles	168		225	85		20	330		330	30	
South Barrington	1		225	1		0	226		226	8	
Stone Park	204		225	103		24	352		352	34	
Streamwood	486		225	245		57	527		527	71	
Wayne	179		225	90		21	336		336	30	
Westchester	1,993		225	1,004		235	1,464		1,464	272	
Western Springs	486		225	245		57	527		527	71	
Subtotals	31,136	0	\$5,400	\$15,683	\$0	\$3,674	\$24,757	\$0	\$24,757	\$4,302	\$0
Grand Totals	223,494	156.91	\$13,725	\$112,550	\$225,101	\$79,107	\$430,483	\$900,000	\$1,330,483	\$989,371	\$7,668,741
Proposed Project Funding											
Assessments								\$900,000			
Local matches								\$600,000			
Total Project Funding								\$1,500,000			20%
Recommended rates											
Dues (per MGD)					\$1,434.59						
Dues (per acre)				\$0.5036							
Dues (fixed component)			\$225								
Annual percent increase			3%								
Add staff in FY 15-16						24%					
New staffing (per MGD)						\$336.08					
New staffing (per acre)						\$0.1180					
New projects (per MGD)							\$5,735.78				

DuPage River Salt Creek Workgroup				TABLE 11	
Cost Savings of Proposed Project Assessments over Phosphorus Removal O&M Costs					
February 16, 2015					
	<u>Baseline - No DRSCW</u>		<u>Eight Year DRSCW Funding Program</u>		
	<u>Program</u>				
		Total			Total
	O&M	Project	O&M	Project	Project
<u>Year</u>	<u>Costs</u>	<u>Funding</u>	<u>Costs</u>	<u>Assessments</u>	<u>Funding</u>
2015	\$0	\$0	\$0	\$900,000	\$1,500,000
2016	0	0	0	927,001	1,545,000
2017	0	0	0	1,516,529	2,527,550
2018	8,380,061	0	0	1,562,028	2,603,383
2019	8,631,486	0	0	2,589,444	4,315,740
2020	8,890,356	0	0	2,667,131	4,445,218
2021	9,157,244	0	0	2,747,142	4,578,570
2022	9,432,150	0	0	2,829,556	4,715,927
2023	9,715,075	0	0	0	0
2024	10,006,590	0	0	0	0
2025	10,306,696	0	0	0	0
2026	10,615,966	0	10,615,966	0	0
2027	10,934,399	0	10,934,399	0	0
2028	11,262,568	0	11,262,568	0	0
2029	11,600,474	0	11,600,474	0	0
Subtotals	\$118,933,065	\$0	\$44,413,407	\$15,738,831	\$26,231,388
Total Cost based on Project Assessments				\$60,152,238	
Cost Savings based on Project Assessments				\$58,780,827	
Total Cost based on Total Project Funding					\$70,644,795
Cost Savings based on Total Project Funding					\$48,288,270

	DuPage River Salt Creek Workgroup			TABLE 12
	Cost Savings of Proposed Project Assessments over Phosphorus Removal O&M Costs by DRSCW Member Agency			
	February 16, 2015			
DRSCW Member:	Addison			
	Baseline - No DRSCW		Eight Year DRSCW Funding	
	Program		Program	
	O&M	Project	O&M	Project
<u>Year</u>	<u>Costs</u>	<u>Assessments</u>	<u>Costs</u>	<u>Assessments</u>
2015	\$0	\$0	\$0	\$48,754
2016	0	0	0	50,217
2017	0	0	0	82,152
2018	\$453,958	0	0	84,617
2019	467,578	0	0	140,273
2020	481,601	0	0	144,482
2021	496,059	0	0	148,816
2022	510,951	0	0	153,280
2023	526,277	0	0	0
2024	542,069	0	0	0
2025	558,326	0	0	0
2026	575,079	0	\$575,079	0
2027	592,329	0	592,329	0
2028	610,107	0	610,107	0
2029	628,411	0	628,411	0
Subtotals	\$6,442,745	\$0	\$2,405,927	\$852,591
Total Cost				\$3,258,518
Cost Savings				\$3,184,227
	Annual Dues and Assessments by Year			
			Total	
	Annual	Project	Dues &	
	<u>Dues</u>	<u>Assessments</u>	<u>Assessments</u>	
FY 14-15	\$15,016	\$0	\$15,016	
FY 15-16	\$19,038	\$48,754	\$67,792	
FY 16-17	19,610	50,217	69,827	
FY 17-18	20,198	82,152	102,350	
FY 18-19	20,804	84,617	105,421	
FY 19-20	21,428	140,273	161,701	
FY 20-21	22,071	144,482	166,553	
FY 21-22	22,733	148,816	171,549	
FY 22-23	23,415	153,280	176,695	
Eight Year Totals	\$169,297	\$852,591	\$1,021,888	

	DuPage River Salt Creek Workgroup			TABLE 12
	Cost Savings of Proposed Project Assessments over Phosphorus Removal O&M Costs by DRSCW Member Agency			
	February 16, 2015			
DRSCW Member:	<u>Bartlett</u>			
	<u>Baseline - No DRSCW</u>		<u>Eight Year DRSCW Funding</u>	
	<u>Program</u>		<u>Program</u>	
	O&M	Project	O&M	Project
<u>Year</u>	<u>Costs</u>	<u>Assessments</u>	<u>Costs</u>	<u>Assessments</u>
2015	\$0	\$0	\$0	\$21,108
2016	0	0	0	21,741
2017	0	0	0	35,567
2018	\$196,537	0	0	36,634
2019	202,434	0	0	60,730
2020	208,505	0	0	62,552
2021	214,764	0	0	64,429
2022	221,212	0	0	66,361
2023	227,847	0	0	0
2024	234,684	0	0	0
2025	241,722	0	0	0
2026	248,976	0	\$248,976	0
2027	256,444	0	256,444	0
2028	264,140	0	264,140	0
2029	272,065	0	272,065	0
Subtotals	\$2,789,329	\$0	\$1,041,625	\$369,122
Total Cost				\$1,410,747
Cost Savings				\$1,378,583
	<u>Annual Dues and Assessments by Year</u>			
			Total	
	Annual	Project	Dues &	
	<u>Dues</u>	<u>Assessments</u>	<u>Assessments</u>	
FY 14-15	\$7,185	\$0	\$7,185	
FY 15-16	\$9,081	\$21,108	\$30,189	
FY 16-17	9,354	21,741	31,095	
FY 17-18	9,635	35,567	45,202	
FY 18-19	9,924	36,634	46,558	
FY 19-20	10,221	60,730	70,951	
FY 20-21	10,528	62,552	73,080	
FY 21-22	10,844	64,429	75,273	
FY 22-23	11,169	66,361	77,530	
Eight Year Totals	\$80,756	\$369,122	\$449,878	

	DuPage River Salt Creek Workgroup			TABLE 12
	Cost Savings of Proposed Project Assessments over Phosphorus Removal O&M Costs by DRSCW Member Agency			
	February 16, 2015			
DRSCW Member:	<u>Bensenville</u>			
	<u>Baseline - No DRSCW</u>		<u>Eight Year DRSCW Funding</u>	
	<u>Program</u>		<u>Program</u>	
	O&M	Project	O&M	Project
<u>Year</u>	<u>Costs</u>	<u>Assessments</u>	<u>Costs</u>	<u>Assessments</u>
2015	\$0	\$0	\$0	\$26,958
2016	0	0	0	27,767
2017	0	0	0	45,425
2018	\$251,012	0	0	46,788
2019	258,543	0	0	77,563
2020	266,297	0	0	79,890
2021	274,291	0	0	82,286
2022	282,526	0	0	84,755
2023	291,000	0	0	0
2024	299,732	0	0	0
2025	308,721	0	0	0
2026	317,985	0	\$317,985	0
2027	327,523	0	327,523	0
2028	337,353	0	337,353	0
2029	347,475	0	347,475	0
Subtotals	\$3,562,459	\$0	\$1,330,336	\$471,432
Total Cost				\$1,801,768
Cost Savings				\$1,760,691
	<u>Annual Dues and Assessments by Year</u>			
			Total	
	Annual	Project	Dues &	
	<u>Dues</u>	<u>Assessments</u>	<u>Assessments</u>	
FY 14-15	\$7,534	\$0	\$7,534	
FY 15-16	\$9,526	\$26,958	\$36,484	
FY 16-17	9,812	27,767	37,579	
FY 17-18	10,107	45,425	55,532	
FY 18-19	10,410	46,788	57,198	
FY 19-20	10,722	77,563	88,285	
FY 20-21	11,044	79,890	90,934	
FY 21-22	11,375	82,286	93,661	
FY 22-23	11,716	84,755	96,471	
Eight Year Totals	\$84,712	\$471,432	\$556,144	

	DuPage River Salt Creek Workgroup			TABLE 12
	Cost Savings of Proposed Project Assessments over Phosphorus Removal O&M Costs by DRSCW Member Agency			
	February 16, 2015			
DRSCW Member:	<u>Bloomington</u>			
	<u>Baseline - No DRSCW</u>		<u>Eight Year DRSCW Funding</u>	
	<u>Program</u>		<u>Program</u>	
	O&M	Project	O&M	Project
<u>Year</u>	<u>Costs</u>	<u>Assessments</u>	<u>Costs</u>	<u>Assessments</u>
2015	\$0	\$0	\$0	\$19,788
2016	0	0	0	20,382
2017	0	0	0	33,344
2018	\$184,253	0	0	34,344
2019	189,782	0	0	56,934
2020	195,473	0	0	58,643
2021	201,341	0	0	60,402
2022	207,386	0	0	62,214
2023	213,607	0	0	0
2024	220,016	0	0	0
2025	226,615	0	0	0
2026	233,415	0	\$233,415	0
2027	240,416	0	240,416	0
2028	247,632	0	247,632	0
2029	255,061	0	255,061	0
Subtotals	\$2,614,996	\$0	\$976,523	\$346,051
Total Cost				\$1,322,574
Cost Savings				\$1,292,422
	<u>Annual Dues and Assessments by Year</u>			
			Total	
	Annual	Project	Dues &	
	<u>Dues</u>	<u>Assessments</u>	<u>Assessments</u>	
FY 14-15	\$7,181	\$0	\$7,181	
FY 15-16	\$9,076	\$19,788	\$28,864	
FY 16-17	9,349	20,382	29,731	
FY 17-18	9,630	33,344	42,974	
FY 18-19	9,918	34,344	44,262	
FY 19-20	10,216	56,934	67,150	
FY 20-21	10,523	58,643	69,166	
FY 21-22	10,839	60,402	71,241	
FY 22-23	11,163	62,214	73,377	
Eight Year Totals	\$80,714	\$346,051	\$426,765	

	DuPage River Salt Creek Workgroup			TABLE 12
	Cost Savings of Proposed Project Assessments over Phosphorus Removal O&M Costs by DRSCW Member Agency			
	February 16, 2015			
DRSCW Member:	<u>Bolingbrook</u>			
	<u>Baseline - No DRSCW</u>		<u>Eight Year DRSCW Funding</u>	
	<u>Program</u>		<u>Program</u>	
	O&M	Project	O&M	Project
<u>Year</u>	<u>Costs</u>	<u>Assessments</u>	<u>Costs</u>	<u>Assessments</u>
2015	\$0	\$0	\$0	\$28,908
2016	0	0	0	29,776
2017	0	0	0	48,711
2018	\$269,170	0	0	50,173
2019	277,246	0	0	83,174
2020	285,561	0	0	85,669
2021	294,134	0	0	88,239
2022	302,964	0	0	90,886
2023	312,051	0	0	0
2024	321,415	0	0	0
2025	331,054	0	0	0
2026	340,988	0	\$340,988	0
2027	351,216	0	351,216	0
2028	361,757	0	361,757	0
2029	372,611	0	372,611	0
Subtotals	\$3,820,169	\$0	\$1,426,573	\$505,536
Total Cost				\$1,932,109
Cost Savings				\$1,888,060
	<u>Annual Dues and Assessments by Year</u>			
			Total	
	Annual	Project	Dues &	
	<u>Dues</u>	<u>Assessments</u>	<u>Assessments</u>	
FY 14-15	\$7,302	\$0	\$7,302	
FY 15-16	\$9,229	\$28,908	\$38,137	
FY 16-17	9,506	29,776	39,282	
FY 17-18	9,792	48,711	58,503	
FY 18-19	10,087	50,173	60,260	
FY 19-20	10,389	83,174	93,563	
FY 20-21	10,700	85,669	96,369	
FY 21-22	11,021	88,239	99,260	
FY 22-23	11,352	90,886	102,238	
Eight Year Totals	\$82,076	\$505,536	\$587,612	

	DuPage River Salt Creek Workgroup			TABLE 12
	Cost Savings of Proposed Project Assessments over Phosphorus Removal O&M Costs by DRSCW Member Agency			
	February 16, 2015			
DRSCW Member:	<u>Carol Stream</u>			
	<u>Baseline - No DRSCW</u>		<u>Eight Year DRSCW Funding</u>	
	<u>Program</u>		<u>Program</u>	
	O&M	Project	O&M	Project
<u>Year</u>	<u>Costs</u>	<u>Assessments</u>	<u>Costs</u>	<u>Assessments</u>
2015	\$0	\$0	\$0	\$30,973
2016	0	0	0	31,902
2017	0	0	0	52,191
2018	\$288,397	0	0	53,757
2019	297,049	0	0	89,115
2020	305,958	0	0	91,788
2021	315,143	0	0	94,542
2022	324,604	0	0	97,378
2023	334,341	0	0	0
2024	344,373	0	0	0
2025	354,701	0	0	0
2026	365,345	0	\$365,345	0
2027	376,303	0	376,303	0
2028	387,597	0	387,597	0
2029	399,226	0	399,226	0
Subtotals	\$4,093,038	\$0	\$1,528,471	\$541,646
Total Cost				\$2,070,117
Cost Savings				\$2,022,921
	<u>Annual Dues and Assessments by Year</u>			
			Total	
	Annual	Project	Dues &	
	<u>Dues</u>	<u>Assessments</u>	<u>Assessments</u>	
FY 14-15	\$10,627	\$0	\$10,627	
FY 15-16	\$13,459	\$30,973	\$44,432	
FY 16-17	13,862	31,902	45,764	
FY 17-18	14,279	52,191	66,470	
FY 18-19	14,707	53,757	68,464	
FY 19-20	15,148	89,115	104,263	
FY 20-21	15,603	91,788	107,391	
FY 21-22	16,070	94,542	110,612	
FY 22-23	16,553	97,378	113,931	
Eight Year Totals	\$119,681	\$541,646	\$661,327	

	DuPage River Salt Creek Workgroup			TABLE 12
	Cost Savings of Proposed Project Assessments over Phosphorus Removal O&M Costs by DRSCW Member Agency			
	February 16, 2015			
DRSCW Member:	<u>Downers Grove Sanitary District</u>			
	<u>Baseline - No DRSCW Program</u>		<u>Eight Year DRSCW Funding Program</u>	
	O&M	Project	O&M	Project
<u>Year</u>	<u>Costs</u>	<u>Assessments</u>	<u>Costs</u>	<u>Assessments</u>
2015	\$0	\$0	\$0	\$63,094
2016	0	0	0	64,986
2017	0	0	0	106,315
2018	\$587,475	0	0	109,504
2019	605,101	0	0	181,530
2020	623,248	0	0	186,976
2021	641,958	0	0	192,585
2022	661,230	0	0	198,363
2023	681,064	0	0	0
2024	701,501	0	0	0
2025	722,539	0	0	0
2026	744,220	0	\$744,220	0
2027	766,544	0	766,544	0
2028	789,550	0	789,550	0
2029	813,238	0	813,238	0
Subtotals	\$8,337,669	\$0	\$3,113,552	\$1,103,353
Total Cost				\$4,216,905
Cost Savings				\$4,120,764
	<u>Annual Dues and Assessments by Year</u>			
			Total	
	Annual	Project	Dues &	
	<u>Dues</u>	<u>Assessments</u>	<u>Assessments</u>	
FY 14-15	\$15,539	\$0	\$15,539	
FY 15-16	\$19,702	\$63,094	\$82,796	
FY 16-17	20,294	64,986	85,280	
FY 17-18	20,903	106,315	127,218	
FY 18-19	21,530	109,504	131,034	
FY 19-20	22,175	181,530	203,705	
FY 20-21	22,841	186,976	209,817	
FY 21-22	23,526	192,585	216,111	
FY 22-23	24,232	198,363	222,595	
Eight Year Totals	\$175,203	\$1,103,353	\$1,278,556	

	DuPage River Salt Creek Workgroup			TABLE 12
	Cost Savings of Proposed Project Assessments over Phosphorus Removal O&M Costs by DRSCW Member Agency			
	February 16, 2015			
DRSCW Member:	<u>DuPage County</u>			
	<u>Baseline - No DRSCW</u>		<u>Eight Year DRSCW Funding</u>	
	<u>Program</u>		<u>Program</u>	
	O&M	Project	O&M	Project
<u>Year</u>	<u>Costs</u>	<u>Assessments</u>	<u>Costs</u>	<u>Assessments</u>
2015	\$0	\$0	\$0	\$71,697
2016	0	0	0	73,848
2017	0	0	0	120,812
2018	\$667,585	0	0	124,437
2019	687,614	0	0	206,284
2020	708,237	0	0	212,473
2021	729,498	0	0	218,847
2022	751,398	0	0	225,412
2023	773,937	0	0	0
2024	797,160	0	0	0
2025	821,068	0	0	0
2026	845,705	0	\$845,705	0
2027	871,073	0	871,073	0
2028	897,216	0	897,216	0
2029	924,134	0	924,134	0
Subtotals	\$9,474,624	\$0	\$3,538,128	\$1,253,810
Total Cost				\$4,791,938
Cost Savings				\$4,682,687
	<u>Annual Dues and Assessments by Year</u>			
			Total	
	Annual	Project	Dues &	
	<u>Dues</u>	<u>Assessments</u>	<u>Assessments</u>	
FY 14-15	\$40,210	\$0	\$40,210	
FY 15-16	\$51,069	\$71,697	\$122,766	
FY 16-17	52,599	73,848	126,447	
FY 17-18	54,178	120,812	174,990	
FY 18-19	55,803	124,437	180,240	
FY 19-20	57,478	206,284	263,762	
FY 20-21	59,204	212,473	271,677	
FY 21-22	60,978	218,847	279,825	
FY 22-23	62,806	225,412	288,218	
Eight Year Totals	\$454,115	\$1,253,810	\$1,707,925	

	DuPage River Salt Creek Workgroup			TABLE 12
	Cost Savings of Proposed Project Assessments over Phosphorus Removal O&M Costs by DRSCW Member Agency			
	February 16, 2015			
DRSCW Member:	<u>Elmhurst</u>			
	<u>Baseline - No DRSCW</u>		<u>Eight Year DRSCW Funding</u>	
	<u>Program</u>		<u>Program</u>	
	O&M	Project	O&M	Project
<u>Year</u>	<u>Costs</u>	<u>Assessments</u>	<u>Costs</u>	<u>Assessments</u>
2015	\$0	\$0	\$0	\$45,886
2016	0	0	0	47,263
2017	0	0	0	77,320
2018	\$427,254	0	0	79,639
2019	440,073	0	0	132,022
2020	453,272	0	0	135,983
2021	466,879	0	0	140,062
2022	480,895	0	0	144,264
2023	495,320	0	0	0
2024	510,182	0	0	0
2025	525,483	0	0	0
2026	541,251	0	\$541,251	0
2027	557,486	0	557,486	0
2028	574,218	0	574,218	0
2029	591,446	0	591,446	0
Subtotals	\$6,063,760	\$0	\$2,264,402	\$802,439
Total Cost				\$3,066,841
Cost Savings				\$2,996,919
	<u>Annual Dues and Assessments by Year</u>			
			Total	
	Annual	Project	Dues &	
	<u>Dues</u>	<u>Assessments</u>	<u>Assessments</u>	
FY 14-15	\$14,540	\$0	\$14,540	
FY 15-16	\$18,433	\$45,886	\$64,319	
FY 16-17	18,987	47,263	66,250	
FY 17-18	19,556	77,320	96,876	
FY 18-19	20,142	79,639	99,781	
FY 19-20	20,746	132,022	152,768	
FY 20-21	21,370	135,983	157,353	
FY 21-22	22,011	140,062	162,073	
FY 22-23	22,670	144,264	166,934	
Eight Year Totals	\$163,915	\$802,439	\$966,354	

	DuPage River Salt Creek Workgroup			TABLE 12
	Cost Savings of Proposed Project Assessments over Phosphorus Removal O&M Costs by DRSCW Member Agency			
	February 16, 2015			
DRSCW Member:	<u>Glenbard Wastewater Authority</u>			
	<u>Baseline - No DRSCW</u>		<u>Eight Year DRSCW Funding</u>	
	<u>Program</u>		<u>Program</u>	
	O&M	Project	O&M	Project
<u>Year</u>	<u>Costs</u>	<u>Assessments</u>	<u>Costs</u>	<u>Assessments</u>
2015	\$0	\$0	\$0	\$91,887
2016	0	0	0	94,644
2017	0	0	0	154,833
2018	\$855,577	0	0	159,478
2019	881,247	0	0	264,374
2020	907,676	0	0	272,305
2021	934,925	0	0	280,474
2022	962,992	0	0	288,888
2023	991,877	0	0	0
2024	1,021,640	0	0	0
2025	1,052,280	0	0	0
2026	1,083,856	0	\$1,083,856	0
2027	1,116,367	0	1,116,367	0
2028	1,149,872	0	1,149,872	0
2029	1,184,371	0	1,184,371	0
Subtotals	\$12,142,679	\$0	\$4,534,464	\$1,606,883
Total Cost				\$6,141,347
Cost Savings				\$6,001,331
	<u>Annual Dues and Assessments by Year</u>			
			Total	
	Annual	Project	Dues &	
	<u>Dues</u>	<u>Assessments</u>	<u>Assessments</u>	
FY 14-15	\$22,531	\$0	\$22,531	
FY 15-16	\$28,591	\$91,887	\$120,478	
FY 16-17	29,449	94,644	124,093	
FY 17-18	30,333	154,833	185,166	
FY 18-19	31,242	159,478	190,720	
FY 19-20	32,180	264,374	296,554	
FY 20-21	33,146	272,305	305,451	
FY 21-22	34,140	280,474	314,614	
FY 22-23	35,164	288,888	324,052	
Eight Year Totals	\$254,245	\$1,606,883	\$1,861,128	

	DuPage River Salt Creek Workgroup			TABLE 12
	Cost Savings of Proposed Project Assessments over Phosphorus Removal O&M Costs by DRSCW Member Agency			
	February 16, 2015			
DRSCW Member:	<u>Glendale Heights</u>			
	<u>Baseline - No DRSCW</u>		<u>Eight Year DRSCW Funding</u>	
	<u>Program</u>		<u>Program</u>	
	O&M	Project	O&M	Project
<u>Year</u>	<u>Costs</u>	<u>Assessments</u>	<u>Costs</u>	<u>Assessments</u>
2015	\$0	\$0	\$0	\$30,170
2016	0	0	0	31,075
2017	0	0	0	50,838
2018	\$280,920	0	0	52,363
2019	289,348	0	0	86,804
2020	298,026	0	0	89,409
2021	306,973	0	0	92,091
2022	316,188	0	0	94,854
2023	325,673	0	0	0
2024	335,445	0	0	0
2025	345,505	0	0	0
2026	355,873	0	\$355,873	0
2027	366,547	0	366,547	0
2028	377,548	0	377,548	0
2029	388,876	0	388,876	0
Subtotals	\$3,986,922	\$0	\$1,488,844	\$527,604
Total Cost				\$2,016,448
Cost Savings				\$1,970,474
	<u>Annual Dues and Assessments by Year</u>			
			Total	
	Annual	Project	Dues &	
	<u>Dues</u>	<u>Assessments</u>	<u>Assessments</u>	
FY 14-15	\$9,231	\$0	\$9,231	
FY 15-16	\$11,683	\$30,170	\$41,853	
FY 16-17	12,034	31,075	43,109	
FY 17-18	12,395	50,838	63,233	
FY 18-19	12,767	52,363	65,130	
FY 19-20	13,149	86,804	99,953	
FY 20-21	13,544	89,409	102,953	
FY 21-22	13,950	92,091	106,041	
FY 22-23	14,370	94,854	109,224	
Eight Year Totals	\$103,892	\$527,604	\$631,496	

	DuPage River Salt Creek Workgroup			TABLE 12
	Cost Savings of Proposed Project Assessments over Phosphorus Removal O&M Costs by DRSCW Member Agency			
	February 16, 2015			
DRSCW Member:	<u>Hanover Park</u>			
	<u>Baseline - No DRSCW</u>		<u>Eight Year DRSCW Funding</u>	
	<u>Program</u>		<u>Program</u>	
	O&M	Project	O&M	Project
<u>Year</u>	<u>Costs</u>	<u>Assessments</u>	<u>Costs</u>	<u>Assessments</u>
2015	\$0	\$0	\$0	\$13,881
2016	0	0	0	14,297
2017	0	0	0	23,389
2018	\$129,244	0	0	24,091
2019	133,122	0	0	39,937
2020	137,115	0	0	41,135
2021	141,231	0	0	42,369
2022	145,471	0	0	43,640
2023	149,834	0	0	0
2024	154,330	0	0	0
2025	158,959	0	0	0
2026	163,728	0	\$163,728	0
2027	168,640	0	168,640	0
2028	173,701	0	173,701	0
2029	178,912	0	178,912	0
Subtotals	\$1,834,287	\$0	\$684,981	\$242,739
Total Cost				\$927,720
Cost Savings				\$906,567
	<u>Annual Dues and Assessments by Year</u>			
			Total	
	Annual	Project	Dues &	
	<u>Dues</u>	<u>Assessments</u>	<u>Assessments</u>	
FY 14-15	\$5,667	\$0	\$5,667	
FY 15-16	\$7,153	\$13,881	\$21,034	
FY 16-17	7,367	14,297	21,664	
FY 17-18	7,588	23,389	30,977	
FY 18-19	7,816	24,091	31,907	
FY 19-20	8,049	39,937	47,986	
FY 20-21	8,292	41,135	49,427	
FY 21-22	8,540	42,369	50,909	
FY 22-23	8,797	43,640	52,437	
Eight Year Totals	\$63,602	\$242,739	\$306,341	

	DuPage River Salt Creek Workgroup			TABLE 12
	Cost Savings of Proposed Project Assessments over Phosphorus Removal O&M Costs by DRSCW Member Agency			
	February 16, 2015			
DRSCW Member:	<u>Itasca</u>			
	<u>Baseline - No DRSCW</u>		<u>Eight Year DRSCW Funding</u>	
	<u>Program</u>		<u>Program</u>	
	O&M	Project	O&M	Project
<u>Year</u>	<u>Costs</u>	<u>Assessments</u>	<u>Costs</u>	<u>Assessments</u>
2015	\$0	\$0	\$0	\$14,913
2016	0	0	0	15,360
2017	0	0	0	25,129
2018	\$138,858	0	0	25,883
2019	143,024	0	0	42,907
2020	147,313	0	0	44,194
2021	151,736	0	0	45,520
2022	156,291	0	0	46,886
2023	160,979	0	0	0
2024	165,809	0	0	0
2025	170,782	0	0	0
2026	175,907	0	\$175,907	0
2027	181,183	0	181,183	0
2028	186,621	0	186,621	0
2029	192,220	0	192,220	0
Subtotals	\$1,970,722	\$0	\$735,931	\$260,792
Total Cost				\$996,723
Cost Savings				\$973,999
	<u>Annual Dues and Assessments by Year</u>			
			Total	
	Annual	Project	Dues &	
	<u>Dues</u>	<u>Assessments</u>	<u>Assessments</u>	
FY 14-15	\$5,397	\$0	\$5,397	
FY 15-16	\$6,810	\$14,913	\$21,723	
FY 16-17	7,014	15,360	22,374	
FY 17-18	7,225	25,129	32,354	
FY 18-19	7,442	25,883	33,325	
FY 19-20	7,664	42,907	50,571	
FY 20-21	7,895	44,194	52,089	
FY 21-22	8,131	45,520	53,651	
FY 22-23	8,375	46,886	55,261	
Eight Year Totals	\$60,556	\$260,792	\$321,348	

	DuPage River Salt Creek Workgroup			TABLE 12
	Cost Savings of Proposed Project Assessments over Phosphorus Removal O&M Costs by DRSCW Member Agency			
	February 16, 2015			
DRSCW Member:	<u>MWRDGC</u>			
	<u>Baseline - No DRSCW</u>		<u>Eight Year DRSCW Funding</u>	
	<u>Program</u>		<u>Program</u>	
	O&M	Project	O&M	Project
<u>Year</u>	<u>Costs</u>	<u>Assessments</u>	<u>Costs</u>	<u>Assessments</u>
2015	\$0	\$0	\$0	\$240,903
2016	0	0	0	248,130
2017	0	0	0	405,929
2018	\$2,243,086	0	0	418,107
2019	2,310,384	0	0	693,115
2020	2,379,676	0	0	713,909
2021	2,451,114	0	0	735,326
2022	2,524,698	0	0	757,386
2023	2,600,428	0	0	0
2024	2,678,458	0	0	0
2025	2,758,787	0	0	0
2026	2,841,569	0	\$2,841,569	0
2027	2,926,804	0	2,926,804	0
2028	3,014,645	0	3,014,645	0
2029	3,105,092	0	3,105,092	0
Subtotals	\$31,834,738	\$0	\$11,888,108	\$4,212,805
Total Cost				\$16,100,913
Cost Savings				\$15,733,825
	<u>Annual Dues and Assessments by Year</u>			
			Total	
	Annual	Project	Dues &	
	<u>Dues</u>	<u>Assessments</u>	<u>Assessments</u>	
FY 14-15	\$66,661	\$0	\$66,661	
FY 15-16	\$84,695	\$240,903	\$325,598	
FY 16-17	87,234	248,130	335,364	
FY 17-18	89,852	405,929	495,781	
FY 18-19	92,548	418,107	510,655	
FY 19-20	95,324	693,115	788,439	
FY 20-21	98,185	713,909	812,094	
FY 21-22	101,130	735,326	836,456	
FY 22-23	104,163	757,386	861,549	
Eight Year Totals	\$753,131	\$4,212,805	\$4,965,936	

	DuPage River Salt Creek Workgroup			TABLE 12
	Cost Savings of Proposed Project Assessments over Phosphorus Removal O&M Costs by DRSCW Member Agency			
	February 16, 2015			
DRSCW Member:	<u>Roselle</u>			
	<u>Baseline - No DRSCW</u>		<u>Eight Year DRSCW Funding</u>	
	<u>Program</u>		<u>Program</u>	
	O&M	Project	O&M	Project
<u>Year</u>	<u>Costs</u>	<u>Assessments</u>	<u>Costs</u>	<u>Assessments</u>
2015	\$0	\$0	\$0	\$19,502
2016	0	0	0	20,087
2017	0	0	0	32,861
2018	\$181,583	0	0	33,847
2019	187,031	0	0	56,109
2020	192,640	0	0	57,793
2021	198,423	0	0	59,526
2022	204,380	0	0	61,312
2023	210,511	0	0	0
2024	216,828	0	0	0
2025	223,330	0	0	0
2026	230,032	0	\$230,032	0
2027	236,932	0	236,932	0
2028	244,043	0	244,043	0
2029	251,365	0	251,365	0
Subtotals	\$2,577,098	\$0	\$962,371	\$341,037
Total Cost				\$1,303,408
Cost Savings				\$1,273,690
	<u>Annual Dues and Assessments by Year</u>			
			Total	
	Annual	Project	Dues &	
	<u>Dues</u>	<u>Assessments</u>	<u>Assessments</u>	
FY 14-15	\$6,609	\$0	\$6,609	
FY 15-16	\$8,350	\$19,502	\$27,852	
FY 16-17	8,600	20,087	28,687	
FY 17-18	8,859	32,861	41,720	
FY 18-19	9,124	33,847	42,971	
FY 19-20	9,398	56,109	65,507	
FY 20-21	9,680	57,793	67,473	
FY 21-22	9,969	59,526	69,495	
FY 22-23	10,269	61,312	71,581	
Eight Year Totals	\$74,249	\$341,037	\$415,286	

	DuPage River Salt Creek Workgroup			TABLE 12
	Cost Savings of Proposed Project Assessments over Phosphorus Removal O&M Costs by DRSCW Member Agency			
	February 16, 2015			
DRSCW Member:	<u>Salt Creek Sanitary District</u>			
	<u>Baseline - No DRSCW Program</u>		<u>Eight Year DRSCW Funding Program</u>	
	O&M	Project	O&M	Project
<u>Year</u>	<u>Costs</u>	<u>Assessments</u>	<u>Costs</u>	<u>Assessments</u>
2015	\$0	\$0	\$0	\$18,928
2016	0	0	0	19,496
2017	0	0	0	31,894
2018	\$176,242	0	0	32,851
2019	181,530	0	0	54,459
2020	186,975	0	0	56,093
2021	192,588	0	0	57,776
2022	198,369	0	0	59,509
2023	204,319	0	0	0
2024	210,450	0	0	0
2025	216,762	0	0	0
2026	223,266	0	\$223,266	0
2027	229,963	0	229,963	0
2028	236,865	0	236,865	0
2029	243,971	0	243,971	0
Subtotals	\$2,501,301	\$0	\$934,066	\$331,006
Total Cost				\$1,265,072
Cost Savings				\$1,236,229
	<u>Annual Dues and Assessments by Year</u>			
			Total	
	Annual	Project	Dues &	
	<u>Dues</u>	<u>Assessments</u>	<u>Assessments</u>	
FY 14-15	\$4,814	\$0	\$4,814	
FY 15-16	\$6,068	\$18,928	\$24,996	
FY 16-17	6,250	19,496	25,746	
FY 17-18	6,438	31,894	38,332	
FY 18-19	6,631	32,851	39,482	
FY 19-20	6,829	54,459	61,288	
FY 20-21	7,035	56,093	63,128	
FY 21-22	7,246	57,776	65,022	
FY 22-23	7,463	59,509	66,972	
Eight Year Totals	\$53,960	\$331,006	\$384,966	

	DuPage River Salt Creek Workgroup			TABLE 12
	Cost Savings of Proposed Project Assessments over Phosphorus Removal O&M Costs by DRSCW Member Agency			
	February 16, 2015			
DRSCW Member:	<u>West Chicago</u>			
	<u>Baseline - No DRSCW</u>		<u>Eight Year DRSCW Funding</u>	
	<u>Program</u>		<u>Program</u>	
	O&M	Project	O&M	Project
<u>Year</u>	<u>Costs</u>	<u>Assessments</u>	<u>Costs</u>	<u>Assessments</u>
2015	\$0	\$0	\$0	\$43,821
2016	0	0	0	45,136
2017	0	0	0	73,840
2018	\$408,028	0	0	76,056
2019	420,270	0	0	126,081
2020	432,874	0	0	129,863
2021	445,869	0	0	133,759
2022	459,255	0	0	137,772
2023	473,030	0	0	0
2024	487,224	0	0	0
2025	501,836	0	0	0
2026	516,895	0	\$516,895	0
2027	532,400	0	532,400	0
2028	548,378	0	548,378	0
2029	564,831	0	564,831	0
Subtotals	\$5,790,890	\$0	\$2,162,504	\$766,328
Total Cost				\$2,928,832
Cost Savings				\$2,862,059
	<u>Annual Dues and Assessments by Year</u>			
			Total	
	Annual	Project	Dues &	
	<u>Dues</u>	<u>Assessments</u>	<u>Assessments</u>	
FY 14-15	\$14,867	\$0	\$14,867	
FY 15-16	\$18,849	\$43,821	\$62,670	
FY 16-17	19,415	45,136	64,551	
FY 17-18	19,998	73,840	93,838	
FY 18-19	20,598	76,056	96,654	
FY 19-20	21,215	126,081	147,296	
FY 20-21	21,852	129,863	151,715	
FY 21-22	22,507	133,759	156,266	
FY 22-23	23,183	137,772	160,955	
Eight Year Totals	\$167,617	\$766,328	\$933,945	

	DuPage River Salt Creek Workgroup			TABLE 12
	Cost Savings of Proposed Project Assessments over Phosphorus Removal O&M Costs by DRSCW Member Agency			
	February 16, 2015			
DRSCW Member:	<u>Wheaton Sanitary District</u>			
	<u>Baseline - No DRSCW</u>		<u>Eight Year DRSCW Funding</u>	
	<u>Program</u>		<u>Program</u>	
	O&M	Project	O&M	Project
<u>Year</u>	<u>Costs</u>	<u>Assessments</u>	<u>Costs</u>	<u>Assessments</u>
2015	\$0	\$0	\$0	\$51,048
2016	0	0	0	52,580
2017	0	0	0	86,018
2018	\$475,321	0	0	88,599
2019	489,581	0	0	146,874
2020	504,265	0	0	151,281
2021	519,403	0	0	155,819
2022	534,995	0	0	160,494
2023	551,043	0	0	0
2024	567,578	0	0	0
2025	584,600	0	0	0
2026	602,142	0	\$602,142	0
2027	620,204	0	620,204	0
2028	638,818	0	638,818	0
2029	657,984	0	657,984	0
Subtotals	\$6,745,933	\$0	\$2,519,147	\$892,713
Total Cost				\$3,411,860
Cost Savings				\$3,334,073
	<u>Annual Dues and Assessments by Year</u>			
			Total	
	Annual	Project	Dues &	
	<u>Dues</u>	<u>Assessments</u>	<u>Assessments</u>	
FY 14-15	\$12,614	\$0	\$12,614	
FY 15-16	\$15,984	\$51,048	\$67,032	
FY 16-17	16,464	52,580	69,044	
FY 17-18	16,957	86,018	102,975	
FY 18-19	17,466	88,599	106,065	
FY 19-20	17,990	146,874	164,864	
FY 20-21	18,531	151,281	169,812	
FY 21-22	19,087	155,819	174,906	
FY 22-23	19,659	160,494	180,153	
Eight Year Totals	\$142,138	\$892,713	\$1,034,851	

	DuPage River Salt Creek Workgroup			TABLE 12
	Cost Savings of Proposed Project Assessments over Phosphorus Removal O&M Costs by DRSCW Member Agency			
	February 16, 2015			
DRSCW Member:	<u>Wood Dale</u>			
	<u>Baseline - No DRSCW</u>		<u>Eight Year DRSCW Funding</u>	
	<u>Program</u>		<u>Program</u>	
	O&M	Project	O&M	Project
<u>Year</u>	<u>Costs</u>	<u>Assessments</u>	<u>Costs</u>	<u>Assessments</u>
2015	\$0	\$0	\$0	\$17,781
2016	0	0	0	18,314
2017	0	0	0	29,961
2018	\$165,561	0	0	30,860
2019	170,528	0	0	51,159
2020	175,643	0	0	52,693
2021	180,916	0	0	54,274
2022	186,347	0	0	55,902
2023	191,936	0	0	0
2024	197,696	0	0	0
2025	203,625	0	0	0
2026	209,735	0	\$209,735	0
2027	216,026	0	216,026	0
2028	222,509	0	222,509	0
2029	229,185	0	229,185	0
Subtotals	\$2,349,707	\$0	\$877,456	\$310,944
Total Cost				\$1,188,400
Cost Savings				\$1,161,307
	<u>Annual Dues and Assessments by Year</u>			
			Total	
	Annual	Project	Dues &	
	<u>Dues</u>	<u>Assessments</u>	<u>Assessments</u>	
FY 14-15	\$5,560	\$0	\$5,560	
FY 15-16	\$7,016	\$17,781	\$24,797	
FY 16-17	7,228	18,314	25,542	
FY 17-18	7,443	29,961	37,404	
FY 18-19	7,667	30,860	38,527	
FY 19-20	7,896	51,159	59,055	
FY 20-21	8,134	52,693	60,827	
FY 21-22	8,378	54,274	62,652	
FY 22-23	8,629	55,902	64,531	
Eight Year Totals	\$62,391	\$310,944	\$373,335	