


## Shingle Creek Watershed Management Commission - 2018 Treasurer's Report

		2018 Budget	December	Jan 2019	%age YTD	2018 YTD
<b>REVENUE</b>						
	%age					
Application Fees		22,000			100.45	22,100.00
Blue Line Extension		2,000			-	-
Assessments		348,710			100.00	348,710.00
Interest and Dividends		1,000	2,169.39		2,051.69	20,516.85
Education Reimbursement						16,334.07
Rain Garden Workshops		6,000			-	-
Transfer to (from) Management Plans (see following pages)						-
Transfer to (from) Projects (see following pages)						-
Transfer to (from) Grants (see following pages)			-	-		231,999.21
Transfer to (from) CIPs			74,593.74			156,842.06
Transfer to (from) Closed Projects Account						-
<b>TOTAL REVENUE</b>		<b>379,710</b>	<b>76,763.13</b>	<b>-</b>		<b>796,502.19</b>
<b>EXPENSES</b>						
				<b>2019 Activity</b>		
<b>ADMINISTRATION</b>						
Administrative Services		71,000	5,234.56	4,567.23	89.09	63,256.06
Engineering Support		12,500	759.31	1,142.12	99.55	12,443.56
Project Reviews/WCA-Incl Blue Line Ext.		1,000		28.50	113.86	1,138.60
<b>ENGINEERING</b>						
Administration		60,000	3,608.70	1,307.40	105.94	63,564.11
Grant Application Writing		10,000			105.39	10,538.50
Project Reviews/WCA		37,000	5,015.30	5,004.16	171.82	63,572.36
Blue Line Extension		2,000				1,273.25
Flood Modeling and Mapping			242.50	695.30		937.80
TMDL 5 Year Reviews/CIP Engineering		12,000			100.05	12,006.50
LEGAL - Legal Services		7,000	264.15	303.95	62.75	4,392.70
<b>MISCELLANEOUS</b>						
Bookkeeping		5,500	234.36	350.40	114.17	6,279.21
Audit		5,000			120.00	6,000.00
Insurance & Bonding		3,100	(198.00)		82.71	2,564.00
Meeting Expense		4,100	309.00	584.62	113.88	4,668.93
<b>PROGRAMS</b>						
Citizen Assisted Lake Monitoring (CAMP)		3,800			-	-
Stream Monitoring		35,210	3,312.17	4,748.12	118.58	41,753.77
Stream Biomonitoring		6,000				-
Volunteer Stream Monitoring		2,000		2,000.00	100.00	2,000.00
Intensive Lake TMDL Monitoring		22,000	598.80	163.80	96.42	21,213.48
Annual Monitoring Report		14,000			100.98	14,137.20
<b>Water Quality Education</b>						
Education Program		13,000	880.12	733.80	100.36	13,046.71
Education Program 2019				500.00		500.00
WMWA Ed/Watershed Prep		4,500	2,065.55	833.48	344.27	15,492.15
WMWA General Programs		6,000	2,859.60	981.61	184.19	11,051.10
WMWA Special Projects		2,000	832.34	360.00	213.82	4,276.34
Rain Garden Workshops		8,000			146.21	11,697.00
Education Grants		2,000			-	-
Contribution to 4th Generation Plan		7,000				-
DO Aeration System Operations		3,000				
Transfer to (from) Management Plans (see following pages)			-	152.10		1,958.56
Transfer to (from) Projects (see following pages)			-	-		29,360.69
Transfer to (from) Grants (see following pages)			14,273.70	7,690.64		166,396.87
Transfer to (from) CIPs			97,451.66			344,711.92
Transfer to (from) Closed Projects Account						5,650.47
<b>TOTAL OPERATING EXPENSE</b>		<b>358,710</b>	<b>137,743.82</b>	<b>32,147.23</b>		<b>935,881.84</b>
<b>CASH SUMMARY</b>						
4M Fund Balance at 12/31/17						1,271,592.17
Plus Revenue Received 2018 to date						819,993.63
Minus Claims Approved to Date						(929,119.44)
Minus Claims Presented Current Month						(32,147.23)
<b>Fund Balance</b>			1,162,466.36			1,130,319.13

## Shingle Creek Watershed Management Commission - 2018 Treasurer's Report

Claims Presented January 10, 2019	General Ledger Acct No	December	January	Total
Kennedy & Graven				303.95
Legal - General	52001		303.95	
Edinburgh - Dec meal SC & WM	54001		584.62	584.62
Freshwater Society				-
2019 Road Salt Symposium Sponsorship	57008		500.00	500.00
Hennepin Cty Dept of Environment & Energy				-
River Watch	56001		2,000.00	2,000.00
Lawn Chair Gardener - WMWA Media	57010		360.00	360.00
Mary Amsden - WMWA Ed Services	57011			-
Mary Amsden - WMWA Ed Reimbursement	57012			
Sharon Meister - WMWA Ed Services	57011		740.00	818.48
Sharon Meister - WMWA Ed Reimbursement	57012		78.48	
Wenck Associates				20,809.12
General Engineering	51001		1,307.40	
Grant Applica/Research	51005			
Project Reviews	51002		5,004.16	
Blue Line Extension (Light Rail Project - BLRT)	51009			
Flood Modeling and Mapping	51015		695.30	
Plan Amendment	51007			
Stream Monitoring	56004		4,748.12	
Intensive Lake TMDL Monitoring	56010		163.80	
TMDL 5-Year Reviews	56011			
Education	57008		678.90	
Education - WMWA	57009		520.80	
Bass/Pomerleau Alum Prelim Design	58027			
Twin Lake Carp Management Grant	70723		4,643.74	
BioChar Project Grant	70725		1,116.40	
Minneapolis SWA Grant	70726		1,930.50	
Bass/Pomerleau Alum Trmt Grant	70727			
Judie Anderson's Secretarial Service				475.81
WMWA General Expense	57009		460.81	
WMWA Educators/WS Prep	57011		15.00	
Judie Anderson's Secretarial Service				6,295.25
Administration	53001		4,567.23	
Project and WCA Review Support	53002		28.50	
Bookkeeping	54002		350.40	
Hydraulic/Hydrologic Modeling Updates	53005			
Education Programs	57008		54.90	
Engineering Support	53004		1,142.12	
Engineering Support - CIP General	53004			
Engineering Support - Plan Amendment	53007		152.10	
Pike Lake SWA	58026			
Bass/Pomerleau Alum Prelim Design	58027			
Eng Support - Twin Lake Carp Mgt CIP	70809			
<b>Total Claims</b>				<b>32,147.23</b>
				
<b>Judie A Anderson, Deputy Treasurer</b>				

## Shingle Creek Watershed Management Commission - 2018 Treasurer's Report

	2018 Budget	December	Jan 2019	%age YTD	YTD
<b>MANAGEMENT PLANS</b>					
Third Generation Management Plan					-
Minor Plan Amendment	1,000		152.10		1,451.06
Subwatershed Assessment					
Pike Lake Subwatershed Assmt	20,000			2.54	507.50
<b>TOTAL MGMT PLANS (transfer (to) from Op Budget)</b>	<b>21,000</b>	-	<b>152.10</b>		<b>1,958.56</b>
<b>PROJECTS</b>					
Bass Lake/Pomerleau Alum Prelim Design					29,360.69
<b>TOTAL PROJECTS (transfer (to) from Op Budget)</b>	<b>0</b>	-	-		<b>29,360.69</b>
	<b>Total Grant</b>	<b>December</b>	<b>Jan 2019</b>	<b>%age YTD</b>	<b>YTD</b>
<b>GRANTS</b>					
Twin Lake Carp Management Grant	100,000				
Revenue					20,472.94
Expense		10,465.64	4,643.74		82,318.78
Balance		(10,465.64)	(4,643.74)		(61,845.84)
BioChar Project Grant	154,300				
Revenue					26,220.27
Expense		1,917.16	1,116.40		47,010.69
Balance		(1,917.16)	(1,116.40)		(20,790.42)
Becker Park Grant	725,000				
Revenue					-
Expense					378.10
Balance		-	-		(378.10)
Minneapolis Subwatershed Assmt Grant	38,000				
Revenue					-
Expense		1,715.40	1,930.50		21,229.80
Balance		(1,715.40)	(1,930.50)		(21,229.80)
Bass/Pomerleau Lakes Internal Load Reduction	267,040				
Revenue					133,520.00
Expense		175.50			15,459.50
Balance		(175.50)	-		118,060.50
BWSR Watershed Based Funding					
Revenue					51,786.00
Expense					-
Balance		-			51,786.00
<b>TOTAL GRANTS</b>					
<b>Revenue</b>		-	-		<b>231,999.21</b>
<b>Expense</b>		<b>14,273.70</b>	<b>7,690.64</b>		<b>166,396.87</b>
<b>Balance</b>		<b>(14,273.70)</b>	<b>(7,690.64)</b>		<b>65,602.34</b>

**Shingle Creek Watershed Management Commission 2018 Treasurer's Report -  
Capital Improvement Project Tracking**

CIPs		Amount	%age	2009 - 2014	2015	2016	2017 TOTAL	Jan 2018	Feb 2018	Mar 2018	Apr 2018	May 2018	Jun 2018	Jul 2018	Aug 2018	Sep 2018	Oct 2018	Nov 2018	Dec 2018	Jan 2019	2018 TOTAL	GRAND TOTAL	
Ad Valorem 2010 - Minneapolis Greenway		250,000	41.494																				
	Revenue			244,762.47	-	110.48	-															-	244,872.95
	Expense			523.42	-	-	-															-	523.42
	Tier from Closed Proj Acct to cover shortfall										5,650.47											5,650.47	5,650.47
	Payment to City										250,000.00											250,000.00	250,000.00
	Balance			244,239.05	-	110.48	-	-	-	-	(244,349.53)	-	-	-	-	-	-	-	-	-	-	(244,349.53)	-
Ad Valorem 2011 - Connections at SC		87,500	100.00																				
	Revenue			93,796.39	-	-	1.02															-	93,797.41
	Expense			1,402.80	-	1,618.80	-															-	3,021.60
	Balance			92,393.59	-	(1,618.80)	1.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	90,775.81
CIP 2012 -New Hope Bass Ck Bk Stabiliz		17,500	100.00																				
	Revenue - to be funded from Closed Project Account			-	-	-	-															-	-
	Expense			1,983.18	-	-	-															-	1,983.18
	Balance			(1,983.18)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(1,983.18)
CIP 2014 -(Now 2018-06)Bass/Pomerleau		210,000	80.77																				
	Revenue			-	202,677.72	(175.75)	(249.95)							55.11								55.11	202,307.13
	Expense			854.79	-	-	7,177.60															-	8,032.39
	Balance			(854.79)	202,677.72	(175.75)	(7,427.55)	-	-	-	-	-	-	55.11	-	-	-	-	-	-	-	55.11	194,274.74
CIP 2014 -Cost Share Projects Retrofit		50,000	19.23																				
	Revenue			-	48,254.20	(41.84)	(59.51)															-	48,152.85
	Expense			544.21	-	28,116.06	17,200.00															-	45,860.27
	Balance			(544.21)	48,254.20	(28,157.90)	(17,259.51)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,292.58
2015-01 Cost Share Retrofit Projects		100,000	31.50																				
	Revenue			-	-	99,840.01	320.17															-	100,160.18
	Expense			-	553.71	6.11	-															-	559.82
	Balance			-	(553.71)	99,833.90	320.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	99,600.36
2015-02 DO Reaaration Project		42,500	13.38																				
	Revenue			-	-	42,408.23	136.00															-	42,544.23
	Expense			-	399.38	48,940.38	18,530.64															-	72,971.29
	Balance			-	(399.38)	(6,532.15)	(18,394.64)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(30,427.06)
2015-03 Twin Lake Carp Management		125,000	39.37																				
	Revenue			-	-	124,784.16	400.16															-	125,184.32
	Expense			-	399.38	17,672.01	6,323.40			238.80		95.20	129.55									463.55	24,858.34
	Balance			-	(399.38)	107,112.15	(5,923.24)	-	-	(238.80)	-	(95.20)	(129.55)	-	-	-	-	-	-	-	-	(463.55)	100,325.98
2015-05 Private BMP Retrofits		50,000	15.75																				
	Revenue			-	-	49,920.00	160.09															-	50,080.09
	Expense			-	399.38	-	-															-	399.38
	Balance			-	(399.38)	49,920.00	160.09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	49,680.71
2016-01 Cost Share Retrofit Projects		101,000	27.78																				
	Revenue			-	-	-	100,015.33															-	100,015.33
	Expense			-	-	132.00	50,000.00															-	50,132.00
	Balance			-	-	(132.00)	50,015.33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	49,883.33
2016-02 Biochar Project		212,000	58.33																				
	Revenue			-	-	-	210,003.41															-	210,003.41
	Expense			-	-	5,358.76	167,159.35		230.77		247.35					60.00						538.12	173,056.23
	Balance			-	-	(5,358.76)	42,844.06	-	(230.77)	-	(247.35)	-	-	-	-	(60.00)	-	-	-	-	-	(538.12)	36,947.18
2016-03 Priority BMP Retrofits		50,500	13.89																				
	Revenue			-	-	-	50,007.67															-	50,007.67
	Expense			-	-	132.00	-															-	132.00
	Balance			-	-	(132.00)	50,007.67	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	49,875.67

**Shingle Creek Watershed Management Commission 2018 Treasurer's Report -  
Capital Improvement Project Tracking**

CIPs		Amount	%age	2009 - 2014	2015	2016	2017 TOTAL	Jan 2018	Feb 2018	Mar 2018	Apr 2018	May 2018	Jun 2018	Jul 2018	Aug 2018	Sep 2018	Oct 2018	Nov 2018	Dec 2018	Jan 2019	2018 TOTAL	GRAND TOTAL	
	2017-01 City Cost Share BMP Projects	106,050	66.67																				
	Revenue						-							54,798.21					49,731.65		104,529.86	104,529.86	
	Expense						128.47														-	128.47	
	Balance						(128.47)	-	-	-	-	-	-	54,798.21	-	-	-	-	49,731.65	-	104,529.86	104,401.39	
	2017-03 Private Cost Share BMP Projects	53,025	33.33																				
	Revenue						-							27,395.00					24,862.09		52,257.09	52,257.09	
	Expense						128.47					1,293.50									1,293.50	1,421.97	
	Balance						(128.47)	-	-	-	-	(1,293.50)	-	27,395.00	-	-	-	-	24,862.09	-	50,963.59	50,835.12	
	2018-01 City Cost Share BMP Projects																						
	Revenue						-														-	-	
	Expense						-								124.04						124.04	124.04	
	Payment to City																		50,000.00		50,000.00	50,000.00	
	Balance						-	-	-	-	-	-	-	-	(124.04)	-	-	-	(50,000.00)	-	(50,124.04)	(124.04)	
	2018-02 Private Cost Share BMP Projects																						
	Revenue						-														-	-	
	Expense						-								124.04						124.04	124.04	
	Balance						-	-	-	-	-	-	-	-	(124.04)	-	-	-	-	-	(124.04)	(124.04)	
	2018-03 Becker Park Infiltration																						
	Revenue						-														-	-	
	Expense						-								124.04						124.04	124.04	
	Payment to City																		47,451.66		47,451.66	47,451.66	
	Balance						-	-	-	-	-	-	-	-	(124.04)	-	-	-	(47,451.66)	-	(47,575.70)	(47,575.70)	
	2018-04 SRP Reduction Project																						
	Revenue						-														-	-	
	Expense						-								124.04						124.04	124.04	
	Balance						-	-	-	-	-	-	-	-	(124.04)	-	-	-	-	-	(124.04)	(124.04)	
	2018-06 Bass/Pomerleau Alum Trmt																						
	Revenue						-														-	-	
	Expense						-												119.40		119.40	119.40	
	Balance						-	-	-	-	-	-	-	-	-	-	-	-	(119.40)	-	(119.40)	(119.40)	
<b>TOTAL CIP</b>																							
	Revenue			920,151.18	250,931.92	316,845.29	360,734.39	-	-	-	-	-	-	82,248.32	-	-	-	-	74,593.74	-	156,842.06	1,423,912.52	
	Expense			845,825.68	1,751.85	101,976.12	266,647.93	-	230.77	238.80	247.35	1,388.70	129.55	-	496.16	60.00	119.40	-	-	-	2,791.33	383,576.52	
	From Closed Project Acct										5,650.47										5,650.47	5,650.47	
	Payment										250,000.00								97,451.66		347,451.66	347,451.66	
	Balance			74,325.50	249,180.07	214,869.17	94,086.46	-	(230.77)	(238.80)	(244,596.88)	(1,388.70)	(129.55)	82,248.32	(496.16)	(60.00)	(119.40)	-	(22,857.92)	-	(187,750.46)	698,534.81	

**Kennedy & Graven, Chartered**

200 South Sixth Street, Suite 470  
Minneapolis, MN 55402

(612) 337-9300

41-1225694

December 31, 2018

Statement No. 146554

Shingle Creek Watershed Management Commission

Judie Anderson

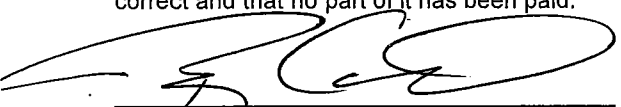
JASS - Watershed Administrators  
3235 Fernbrook Lane  
Plymouth, MN 55447

Through November 30, 2018

SH220-00001	General	303.95
-------------	---------	--------

**Total Current Billing:** 303.95

I declare, under penalty of law, that this account, claim or demand is just and correct and that no part of it has been paid.

  
\_\_\_\_\_  
Signature of Claimant

**Kennedy & Graven, Chartered**

200 South Sixth Street, Suite 470  
Minneapolis, MN 55402

Shingle Creek Watershed  
Judie Anderson

November 30, 2018

SH220-00001    General

Through November 30, 2018

For All Legal Services As Follows:

			Hours	Amount
11/8/2018	TJG	Prepare for, travel to, and attend meeting	1.50	298.50
<b>Total Services:</b>			<b>\$</b>	<b>298.50</b>

For All Disbursements As Follows:

11/8/2018	Troy Gilchrist;	Mileage expense		5.45
<b>Total Disbursements:</b>			<b>\$</b>	<b>5.45</b>

**Total Services and Disbursements:    \$            303.95**



## Hennepin County

Public Works

### Environment and Energy

Rosemary Lavin, Director  
701 Fourth Avenue South, Suite 700  
Minneapolis, Minnesota 55415-1842

612-348-3777, Phone  
612-348-8532, Fax  
[www.hennepin.us/environment](http://www.hennepin.us/environment)

To:	Shingle Creek Watershed Management Commission 3235 Fernbrook Lane Plymouth, MN 55447
From:	Hennepin County Department of Environment and Energy 701 Fourth Ave. S. Suite 700 Minneapolis, MN 55415  Phone: 612-596-9129

January 3, 2019

Please pay \$2000.00 for sites monitored on within the Shingle Creek Watershed as part of the 2018 Wetland Health Evaluation Program and the 2018 River Watch program (two sites rather than three were monitored therefore the adjusted amount). Cost includes all equipment; training; contractor hours; team leader hours; QA/QC; data assessment; report writing, printing and distribution.

Please send payment to:

Hennepin County Department of Environment and Energy  
Attn: Mary Karius  
701 Fourth Ave, S. Suite 700  
Minneapolis, MN 55415

*Please remit within 45 days*



**Lawn Chair Gardener**  
5901 Birchwood St.  
Shoreview, MN 55126  
(651) 485-5171  
dawn@lawnchairgardener.com  
www.lawnchairgardener.com



## INVOICE

**BILL TO**  
WMWA  
3235 Fernbrook Lane N.  
Plymouth, MN 55447

**INVOICE #** 1149  
**DATE** 01/06/2019  
**DUE DATE** 02/05/2019  
**TERMS** Net 30

---

ACTIVITY	QTY	RATE	AMOUNT
<b>Social Media</b> December: 2 hours/week x 4weeks as per contract	8	40.00	320.00
<b>Social Media</b> Twitter and Facebook reports for December, 2018 overview compared to BCWMC	1	40.00	40.00

---

BALANCE DUE

**\$360.00**

Sharon Meister  
 8540 Cain Rd  
 Corcoran, MN 55340

West Metro Water Alliance  
 3235 Fernbrook Lane  
 Plymouth, MN 55447

Invoice Date: December 31, 2018

**Log of Services**

Date	Description	Hours	Extended (\$40/hr)	Mileage	Extended (0.545/mi)	Supplies/Fees
12/11/2018	WMWA Meeting	1.75	70.00	18.00	9.81	
			-		-	
			-		-	
<b>Total - WMWA Meetings</b>			<b>\$ 70.00</b>		<b>\$ 9.81</b>	<b>\$ -</b>
			-		-	
			-		-	
			-		-	
			-		-	
			-		-	
			-		-	
			-		-	
<b>Total - Program Development/Communication</b>			<b>\$ -</b>		<b>\$ -</b>	<b>\$ -</b>
12/13/2018	Earle Brown	5.50	220.00	35.00	19.08	
12/14/2018	Earle Brown	5.25	210.00	35.00	19.08	
12/19/2018	Robbinsdale Spanish Immersion	3.00	120.00	28.00	15.26	
12/20/2018	Robbinsdale Spanish Immersion	3.00	120.00	28.00	15.26	
			-		-	
			-		-	
			-		-	
			-		-	
			-		-	
			-		-	
			-		-	
			-		-	
			-		-	
			-		-	
			-		-	
			-		-	
<b>Total-Classroom/Community Events</b>			<b>\$ 670.00</b>		<b>\$ 68.67</b>	<b>\$ -</b>
<b>Total:</b>		<b>18.50</b>	<b>\$ 740.00</b>	<b>144.00</b>	<b>\$ 78.48</b>	<b>\$ -</b>

**Invoice Total \$ 818.48**

740.00	57011	WMWA Ed Regular Services
78.48	57012	WMWA Ed Reimbursed Expense
<b>818.48</b>		<b>TOTAL</b>

**Invoice**

January 7, 2019  
Invoice No: 11809144



Ms. Judie Anderson  
Shingle Creek Watershed Management Comm.  
3235 Fernbrook Lane  
Plymouth, MN 55447

Responsive partner.  
Exceptional outcomes.

Project Manager Edward Matthiesen

Project B1240-0199 2018 General Engineering

**Professional Services Through December 31, 2018**

Phase 01 General Engineering  
General Engineering

**Professional Personnel**

	<b>Hours</b>	<b>Rate</b>	<b>Amount</b>
Matthiesen, Edward	5.10	198.00	1,009.80
Spector, Diane	1.60	186.00	297.60
Totals	6.70		1,307.40
<b>Total Labor</b>			<b>1,307.40</b>

**Phase Total \$1,307.40**

**Total Invoice Amount \$1,307.40**

	<b>Current</b>	<b>Prior</b>	<b>Total</b>
<b>Billing Summary</b>	<b>1,307.40</b>	<b>62,256.71</b>	<b>63,564.11</b>

**Invoice**

January 7, 2019

Invoice No: 11809142



Ms. Judie Anderson  
 Shingle Creek Watershed Management Comm.  
 3235 Fernbrook Lane  
 Plymouth, MN 55447

Responsive partner.  
 Exceptional outcomes.

Project Manager Edward Matthiesen

Project B1240-0198 2018 Project Reviews

**Professional Services Through December 31, 2018**

Phase 01 Project Reviews

Project Reviews

**Professional Personnel**

	Hours	Rate	Amount	
Matthiesen, Edward	1.10	198.00	217.80	
Nalven, Sarah	.60	105.00	63.00	
Spector, Diane	17.00	186.00	3,162.00	
Stone, Alicia	14.40	62.00	892.80	
Weigel, Eileen	.90	127.00	114.30	
Totals	34.00		4,449.90	
<b>Total Labor</b>				<b>4,449.90</b>

**Unit Billing**

00-WAI Vehicle Golden Valley

15.26

**Phase Total \$4,465.16**

Phase 02 WCA

WCA

**Professional Personnel**

	Hours	Rate	Amount	
Dietrich, Meaghan	1.50	117.00	175.50	
Totals	1.50		175.50	
<b>Total Labor</b>				<b>175.50</b>

**Unit Billing**

YSI - 6920 (Temp, DO, Cond, pH)

50.00

**Phase Total \$225.50**

Phase 2018-04 Park 81

Park 81

**Professional Personnel**

	Hours	Rate	Amount	
Matthiesen, Edward	.70	198.00	138.60	
Nalven, Sarah	.40	105.00	42.00	
Totals	1.10		180.60	
<b>Total Labor</b>				<b>180.60</b>

**Phase Total                    \$180.60**

Phase                    2018-12                    Becker Park  
 Becker Park

**Professional Personnel**

	Hours	Rate	Amount
Matthiesen, Edward	.30	198.00	59.40
Totals	.30		59.40
<b>Total Labor</b>			<b>59.40</b>

**Phase Total                    \$59.40**

Phase                    2018-14                    New Hope City Hall- North  
 New Hope City Hall- North

**Professional Personnel**

	Hours	Rate	Amount
Nalven, Sarah	.70	105.00	73.50
Totals	.70		73.50
<b>Total Labor</b>			<b>73.50</b>

**Phase Total                    \$73.50**

**Total Invoice Amount                    \$5,004.16**

<b>Billing Summary</b>	<b>Current</b>	<b>Prior</b>	<b>Total</b>
	<b>5,004.16</b>	<b>58,568.20</b>	<b>63,572.36</b>

**Invoice**

January 7, 2019  
 Invoice No: 11809275



Ms. Judie Anderson  
 Shingle Creek Watershed Management Comm.  
 3235 Fernbrook Lane  
 Plymouth, MN 55447

Responsive partner.  
 Exceptional outcomes.

Project Manager Eileen Weigel

Project B1240-0201 Shingle Creek HUC 8 Model Update

**Professional Services Through December 31, 2018**

Phase 01 Meetings  
 Meetings

**Professional Personnel**

	<b>Hours</b>	<b>Rate</b>	<b>Amount</b>	
Cruey, Bryce	.70	195.00	136.50	
Totals	.70		136.50	
<b>Total Labor</b>				<b>136.50</b>
				<b>Phase Total</b>
				<b>\$136.50</b>

Phase 02 Data Organization  
 Data Organization

**Professional Personnel**

	<b>Hours</b>	<b>Rate</b>	<b>Amount</b>	
Weigel, Eileen	1.00	127.00	127.00	
Totals	1.00		127.00	
<b>Total Labor</b>				<b>127.00</b>
				<b>Phase Total</b>
				<b>\$127.00</b>

Phase 03 Hydrologic Analysis  
 Hydrologic Analysis

**Professional Personnel**

	<b>Hours</b>	<b>Rate</b>	<b>Amount</b>	
Weigel, Eileen	3.40	127.00	431.80	
Totals	3.40		431.80	
<b>Total Labor</b>				<b>431.80</b>
				<b>Phase Total</b>
				<b>\$431.80</b>

**Total Invoice Amount \$695.30**

**Outstanding Invoices**

<b>Number</b>	<b>Date</b>	<b>Balance</b>
11808138	12/5/2018	1,088.50
<b>Total</b>		<b>1,088.50</b>

	<b>Current</b>	<b>Prior</b>	<b>Total</b>
<b>Billing Summary</b>	<b>695.30</b>	<b>1,331.00</b>	<b>2,026.30</b>

INVOICES ARE DUE UPON PRESENTATION. Subject to 1-1/2% 18% Annum interest/finance charge. Please reference the invoice number when sending payment. Federal Tax ID #41-1520095 -Wenck Associates, Inc.-1800 Pioneer Creek Center PO Box 249- Maple Plain, MN 55359-0249 Toll Free:800-472-2232 Main:763-479-4200 E-mail:accounting@wenck.com Web www.wenck.com

**Invoice**

January 3, 2019  
 Invoice No: 11808886



Ms. Judie Anderson  
 Shingle Creek Watershed Management Comm.  
 3235 Fernbrook Lane  
 Plymouth, MN 55447

Responsive partner.  
 Exceptional outcomes.

Project Manager Thomas Langer

Project B1240-0195 2018 Stream Monitoring

**Professional Services Through December 31, 2018**

**Professional Personnel**

	<b>Hours</b>	<b>Rate</b>	<b>Amount</b>	
Anderson, Chad	.80	155.00	124.00	
Erickson, Mindy	.50	86.00	43.00	
Langer, Thomas	2.40	117.00	280.80	
Nalven, Sarah	13.10	105.00	1,375.50	
Spector, Diane	.30	186.00	55.80	
Stone, Alicia	2.70	62.00	167.40	
Strom, Jeffrey	.50	142.00	71.00	
Wilkinson, Anne	4.50	117.00	526.50	
Totals	24.80		2,644.00	
<b>Total Labor</b>				<b>2,644.00</b>

**Outside Services**

In-Situ, Inc.			2,026.77	
RMB Environmental Laboratories, Inc.			61.00	
<b>Outside Services Total</b>			<b>2,087.77</b>	<b>2,087.77</b>

**Unit Billing**

00-WAI Vehicle Golden Valley				<b>16.35</b>
------------------------------	--	--	--	--------------

**Total Invoice Amount \$4,748.12**

<b>Billing Summary</b>	<b>Current</b>	<b>Prior</b>	<b>Total</b>
	<b>4,748.12</b>	<b>33,205.65</b>	<b>37,953.77</b>

**Invoice**

January 3, 2019  
Invoice No: 11808885



Responsive partner.  
Exceptional outcomes.

Ms. Judie Anderson  
Shingle Creek Watershed Management Comm.  
3235 Fernbrook Lane  
Plymouth, MN 55447

Project Manager Thomas Langer

Project B1240-0194 2018 Lake Monitoring

**Professional Services Through December 31, 2018**

**Professional Personnel**

	<b>Hours</b>	<b>Rate</b>	<b>Amount</b>	
Langer, Thomas	1.40	117.00	163.80	
Totals	1.40		163.80	
<b>Total Labor</b>				<b>163.80</b>
		<b>Total Invoice Amount</b>		<b>\$163.80</b>

<b>Billing Summary</b>	<b>Current</b>	<b>Prior</b>	<b>Total</b>
	<b>163.80</b>	<b>21,049.68</b>	<b>21,213.48</b>



**Invoice**

January 7, 2019  
Invoice No: 11809245



Ms. Judie Anderson  
Shingle Creek Watershed Management Comm.  
3235 Fernbrook Lane  
Plymouth, MN 55447

Responsive partner.  
Exceptional outcomes.

Project Manager Diane Spector

Project B1240-0191 2018 Education and Outreach

**Professional Services Through December 31, 2018**

Phase 01 Education and Outreach  
Education and Outreach

**Professional Personnel**

	Hours	Rate	Amount	
Spector, Diane	7.30	186.00	1,357.80	
Totals	7.30		1,357.80	
<b>Total Labor</b>				<b>1,357.80</b>
				<b>Phase Total</b>
				<b>\$1,357.80</b>

Phase 02 WMWA  
WMWA

**Professional Personnel**

	Hours	Rate	Amount	
Spector, Diane	2.80	186.00	520.80	
Totals	2.80		520.80	
<b>Total Labor</b>				<b>520.80</b>
				<b>Phase Total</b>
				<b>\$520.80</b>

**Total Invoice Amount \$1,878.60**

Billing Summary	Current	Prior	Total
	1,878.60	20,503.48	22,382.08

SC Education 678.90  
 WmWA 520.80  
 -----  
 1,199.70

Wm Education 678.90

**Invoice**

January 7, 2019

Invoice No: 11809241



Ms. Judie Anderson  
 Shingle Creek Watershed Management Comm.  
 3235 Fernbrook Lane  
 Plymouth, MN 55447

Responsive partner.  
 Exceptional outcomes.

Project Manager Diane Spector

Project B1240-0162 Twin Lake Carp Management

**Professional Services Through December 31, 2018**

Phase 02A Aeration System

Aeration System

**Professional Personnel**

	Hours	Rate	Amount	
Matthiesen, Edward	1.70	127.00	215.90	
Weigel, Eileen	4.70	90.00	423.00	
Totals	6.40		638.90	
<b>Total Labor</b>				<b>638.90</b>
				<b>Phase Total \$638.90</b>

Phase 02B Fish Barriers

Fish Barriers

**Professional Personnel**

	Hours	Rate	Amount	
Doede, Jerome	10.50	80.00	840.00	
Goldsworthy, Garrett	9.50	80.00	760.00	
Langer, Thomas	.30	80.00	24.00	
Spector, Diane	4.00	127.00	508.00	
Weigel, Eileen	.70	90.00	63.00	
Totals	25.00		2,195.00	
<b>Total Labor</b>				<b>2,195.00</b>
				<b>Phase Total \$2,240.24</b>

**Unit Billing**

2014 Ford F150 XL Supercab

45.24  
**Phase Total \$2,240.24**

Phase 03 Carp Removal

Carp Removal

**Professional Personnel**

	Hours	Rate	Amount	
Langer, Thomas	9.40	80.00	752.00	
Totals	9.40		752.00	
<b>Total Labor</b>				<b>752.00</b>
				<b>Phase Total \$752.00</b>

Phase 04A Water Quality Monitoring

Water Quality Monitoring

INVOICES ARE DUE UPON PRESENTATION. Subject to 1-1/2% 18% Annum interest/finance charge. Please reference the invoice number when sending payment. Federal Tax ID #41-1520095 -Wenck Associates, Inc.-1800 Pioneer Creek Center PO Box 249- Maple Plain, MN 55359-0249 Toll Free:800-472-2232 Main:763-479-4200 E-mail:accounting@wenck.com Web www.wenck.com

**Professional Personnel**

	Hours	Rate	Amount	
Nalven, Sarah	1.70	80.00	136.00	
Spector, Diane	1.50	127.00	190.50	
Wilkinson, Anne	8.10	80.00	648.00	
Totals	11.30		974.50	
<b>Total Labor</b>				<b>974.50</b>

**Phase Total                    \$974.50**

-----  
Phase                    06                    Semi-annual Reports  
Semi-annual Reports

**Professional Personnel**

	Hours	Rate	Amount	
Spector, Diane	.30	127.00	38.10	
Totals	.30		38.10	
<b>Total Labor</b>				<b>38.10</b>

**Phase Total                    \$38.10**

**Total Invoice Amount                    \$4,643.74**

**Invoice**

January 7, 2019

Invoice No: 11809244



Ms. Judie Anderson  
 Shingle Creek Watershed Management Comm.  
 3235 Fernbrook Lane  
 Plymouth, MN 55447

Responsive partner.  
 Exceptional outcomes.

Project Manager Diane Spector

Project B1240-0163 Biochar/Iron Sand Filters

**Professional Services Through December 31, 2018**

Phase 02A Monitoring

Monitoring

**Professional Personnel**

	Hours	Rate	Amount	
Spector, Diane	8.00	127.00	1,016.00	
Zhang, Lu	.90	80.00	72.00	
Totals	8.90		1,088.00	
<b>Total Labor</b>				<b>1,088.00</b>

**Phase Total \$1,088.00**

Phase 03 Reporting & Info Sharing

Reporting & Info Sharing

**Reimbursable Expenses**

Ground Transport/Parking/Tolls-Reimb.	3.00			
<b>Total Reimbursables</b>			<b>3.00</b>	<b>3.00</b>

**Phase Total \$3.00**

Phase 04 Semi-annual Reports

Semi-annual Reports

**Professional Personnel**

	Hours	Rate	Amount	
Spector, Diane	.20	127.00	25.40	
Totals	.20		25.40	
<b>Total Labor</b>				<b>25.40</b>

**Phase Total \$25.40**

**Total Invoice Amount \$1,116.40**

**Invoice**

January 7, 2019  
Invoice No: 11809233



Responsive partner.  
Exceptional outcomes.

Ms. Judie Anderson  
Shingle Creek Watershed Management Comm.  
3235 Fernbrook Lane  
Plymouth, MN 55447

Project Manager Diane Spector

Project B1240-0187 Minneapolis Subwatershed Assessment

**Professional Services Through December 31, 2018**

Phase 01 Modeling and Report  
Modeling and Report

**Professional Personnel**

	<b>Hours</b>	<b>Rate</b>	<b>Amount</b>	
Zhang, Lu	16.50	117.00	1,930.50	
Totals	16.50		1,930.50	
<b>Total Labor</b>				<b>1,930.50</b>
		<b>Phase Total</b>		<b>\$1,930.50</b>
		<b>Total Invoice Amount</b>		<b>\$1,930.50</b>

<b>Billing Summary</b>	<b>Current</b>	<b>Prior</b>	<b>Total</b>
	<b>1,930.50</b>	<b>19,764.80</b>	<b>21,695.30</b>



**Your Virtual Administrator**

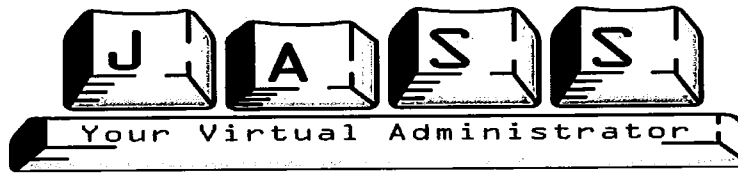
3235 Fernbrook Lane Plymouth MN 55447

Shingle Creek Watershed Management Commission  
 3235 Fernbrook Lane  
 Plymouth MN 55447

8-Jan-19

**Re: 2018 WMWA General Expense and Watershed PREP**

Description	Rate	Hours/ No.	Amount	Total
<b>General Expense</b>				
Secretarial	55.00		-	
Secretarial	50.00		-	
Administrative	60.00	3.40	203.70	
Administrative - website, Facebook, Twitter	60.00	1.00	60.00	
Offsite, WMWA meetings, Blue Thumb, Watershed Partners, Home Expo, Henn County, city events	65.00	2.25	146.25	
Website hosting, domain registration one year	1.00		-	
Reimbursables	1.00	50.86	50.86	
<b>Total General Expense</b>				<b>460.81</b>
<b>Watershed PREP</b>				
Secretarial	55.00		-	
Administrative	60.00	0.25	15.00	
Offsite	65.00			
Reimbursables	1.00		-	
<b>Total Watershed PREP</b>				<b>15.00</b>
<b>Total this invoice</b>				<b>475.81</b>
<b>Partner Share</b>				<b>118.95</b>



3235 Fernbrook Lane  
Plymouth MN 55447

Shingle Creek / West Mississippi Watershed Management Commissions  
3235 Fernbrook Lane  
Plymouth, MN 55447

January 9, 2019

	Share	G/L	Shingle Creek			West Mississippi			Total Project Area	
									SC	WM
Administrative		53001	1.17	55.00	64.35	1.17	55.00	64.35		
Administrative	70-30	53001		55.00	-		55.00	-		
Administrative		53001	20.26	60.00	1,215.60	21.43	60.00	1,285.80		
Administrative	70-30	53001	36.98	60.00	1,553.16		60.00	665.64		
Admin - Offsite		53001		65.00	-		65.00	-		
Admin - Offsite	70-30	53001	3.00	65.00	136.50		65.00	58.50		
Office Support	70-30	53001	7.50	200.00	1,050.00		200.00	450.00		
Admin Reimbursables			547.62	1.00	547.62	312.22	1.00	312.22	4,567.230	2,836.510
Bookkeeping		54022	5.84	60.00	350.40	1.42	60.00	85.20		
Audit Prep		54022		60.00	-		60.00	-	350.400	85.200
Project / WCA Reviews - Admin		53002		60.00	-		60.00	-		
Reimbursable Expenses		53002	28.50	1.00	28.50		1.00	-	28.500	-
Website	50-50	57008	1.83	60.00	54.90		60.00	54.90		
Education Reimbursables	50-50	57008		1.00	-		1.00	-	54.900	54.900
Engrg Support 3G Plan - Secre	70-30	53004		55.00	-		55.00	-		
Engrg Support 3G Plan - Admin	70-30	53004	2.22	60.00	93.24		60.00	39.96		
Engrg Support 3G Plan - Offiste	70-30	53004		65.00	-		65.00	-		
Engrg Support 3G Plan Reimbursables		53004	58.86	1.00	58.86	25.23	1.00	25.23	152.100	65.190
Engineering Support - Admin	70-30	53004	15.25	60.00	640.50		60.00	274.50		
Engineering Support - Offiste	70-30	53004	2.30	65.00	104.65		65.00	44.85		
Engineering Support Reimbursables		53004	396.97	1.00	396.97	133.63	1.00	133.63	1,142.120	452.980
									6,295.250	3,494.780

2424 Territorial Rd  
Suite B  
St. Paul, MN 55114

**Invoice #:** 703  
**Invoice Date:** 1/3/2019

651-313-5800

**P.O. Number:**

**Bill To:**

Shingle Creek Watershed Mgmt Commission  
3235 Fernbrook Lane  
Plymouth, MN 55447


Date	Description	Amount
2/7/2019	Road Salt Symposium Sponsorship-Feb 7th	500.00
<b>Total</b>		\$500.00
<b>Payments/Credits</b>		\$0.00
<b>Balance Due</b>		\$500.00



**West Mississippi Watershed Management Commission  
2018 Treasurer's Report**

	2018 Budget	December	Jan 2019	%age YTD	2018 YTD
<b>REVENUE</b>					
Application Fees	18,000			65.00	11,700.00
Blue Line Extension	2,000				-
Assessments	150,000			100.00	150,000.00
Interest & Dividend Income	500	850.44		1,522.54	7,612.72
Reserve - General	13,000			0.00	-
Miscellaneous Income					-
Transfer to (from) CIPs (see CIP Tracker page)		49,470.17			103,601.91
To (From) Reserve					-
<b>TOTAL REVENUE</b>	<b>183,500</b>	<b>50,320.61</b>	<b>-</b>		<b>272,914.63</b>
<b>EXPENSES</b>					
			<b>2019 Activity</b>		
<b>ADMINISTRATION</b>					
Administrative Services	31,000	2,886.29	2,836.51	96.80	30,006.63
Engineering Support	4,000	298.21	452.98	109.47	4,378.68
Project Reviews	1,000	18.91		44.44	444.43
<b>ENGINEERING</b>					
Administration	30,000	1,278.32	1,638.00	102.71	30,811.51
Grant Application Writing	1,500			0.00	-
Project Review	25,000	3,233.60	2,224.80	100.79	25,196.77
Blue Line Extension	2,000			63.66	1,273.25
<b>LEGAL</b>					
Legal Services	5,000	264.15	303.95	65.17	3,258.40
<b>MISCELLANEOUS</b>					
Bookkeeping	2,700	107.04	85.20	99.89	2,697.09
Audit	5,000			90.00	4,500.00
Insurance & Bonding	2,800	(196.00)		88.07	2,466.00
Meeting Expense	2,000	132.44	175.39	96.29	1,925.84
<b>PROJECTS</b>					
Macroinvertebrate Monitoring	1,000			0.00	-
Volunteer Wetland Monitoring (WHEP)	2,000		2,000.00	100.00	2,000.00
Outfall and Stream Monitoring	17,000	269.70	2,260.40	100.03	17,005.68
Annual Water Quality Report	6,000			100.98	6,058.80
<b>Water Quality Education</b>					
Education Program	15,000	880.12	733.80	86.98	13,046.71
Education 2019			500.00		
Rain Garden Workshops	2,000		2,924.25	146.21	2,924.25
Education Grants	2,000			0.00	-
WMWA General Programs	4,000			50.00	2,000.00
WMWA Educators/Watershed Prep	4,500			50.00	2,250.00
WMWA Special Projects	2,000			50.00	1,000.00
Contribution to Construction/Grant Match	5,000			0.00	-
Transfer to Management Plans (page 2)		-	65.19		621.88
Transfer to Projects (page 2)					-
Transfer to (from)CIPs					121,688.92
To (from) Reserves					3,435.12
<b>TOTAL OPERATING EXPENSE</b>	<b>172,500</b>	<b>9,172.78</b>	<b>16,200.47</b>		<b>278,989.96</b>
<b>CASH SUMMARY</b>					
<b>4M Fund Balance at 12/31/17</b>					<b>477,140.24</b>
<b>Plus Revenue Received to Date</b>					<b>273,578.94</b>
<b>Minus Claims Approved to Date</b>					<b>(270,706.85)</b>
<b>Minus Claims Presented Current Month</b>					<b>(16,200.47)</b>
<b>Fund Balance</b>		<b>479,512.33</b>			<b>463,811.86</b>

**West Mississippi Watershed Management Commission  
2018 Treasurer's Report**

<b>Claims Presented January 10, 2019</b>	General Ledger Acct No	December	January		
					<b>Total</b>
Kennedy & Graven					<b>303.95</b>
Legal - General	52001		303.95		
Freshwater Society					-
2019 Road Salt Symposium Sponsorship	57008		500.00		<b>500.00</b>
Hennepin County Treasurer					<b>2,000.00</b>
HCEE - WHEP	56006		2,000.00		
Shingle Creek - Dec Mtg Meal	54001		175.39		<b>175.39</b>
Shingle Creek - Rain Garden Workshops	57002		2,924.25		<b>2,924.25</b>
Wenck Associates					<b>6,802.10</b>
General Engineering	51001		1,638.00		
Project Reviews	51002		2,224.80		
Blue Line Extension	51009				
Project Management Plan	51003				
Grant Applica/Research	51005				
Plan Amendment	51007				
Education Program	57008		678.90		
Intensive BMPs	57011				
Annual Water Quality Report	58002				
Water Monitoring Program	58011		2,260.40		
Judie Anderson's Secretarial Service					<b>3,494.78</b>
Administration	53001		2,836.51		
Bookkeeping	54002		85.20		
Project and WCA Review Support	53002				
Blue Line Extension	51009				
Education Programs	57008		54.90		
Engineering Support	53004		452.98		
Engineering Support - CIPs	53004				
Engineering Support - Plan Amendment	53007		65.19		
<b>Total Claims</b>					<b>16,200.47</b>
 <b>Judie A Anderson, Deputy Treasurer</b>					
		December	Jan 2019	%age YTD	2018 YTD
<b>MANAGEMENT PLANS</b>					
3rd Generation Plan					
					-
		1,000	65.19	62.19	621.88
Subwatershed Assessment					
		10,000		0.00	-
<b>TOTAL MGMT PLANS (tfer (to) from Op Budget</b>					
		-	<b>65.19</b>		<b>621.88</b>

**West Mississippi Watershed Management Commission  
2018 Treasurer's Report  
Capital Improvement Project Tracking**

CIPs	Amount	%age	TOTAL 2012	TOTAL 2013	TOTAL 2014	TOTAL 2015	TOTAL 2016	TOTAL 2017	JAN 2018	FEB 2018	MAR 2018	APR 2018	MAY 2018	JUN 2018	JUL 2018	AUG 2018	SEP 2018	OCT 2018	NOV 2018	DEC 2018	JAN 2019	TOTAL 2018	TOTAL ALL YEARS	
2013-02 Mill Pond Dam Strm Stabilization	125,000	100.000																						
Revenue			-	122,418.64	(385.61)	1,019.95	-	-															-	123,052.98
Expense			1,488.10																				-	1,488.10
Transfer General Funds to cover shortfall												3,435.12											3,435.12	3,435.12
Payment to City												125,000.00											125,000.00	125,000.00
Balance			(1,488.10)	122,418.64	(385.61)	1,019.95	-	-	-	-	-	(121,564.88)	-	-	-	-	-	-	-	-	-	-	(121,564.88)	-
2014-03 Cost Share Retrofits	50,000	100.000																						
Revenue			-	-	-	50,108.29	-	(7.23)															-	50,101.06
Expense			-	-	549.20	-	-	-															-	549.20
Balance			-	-	(549.20)	50,108.29	-	(7.23)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	49,551.86
2015-06 Cost Share Retrofits	50,000	100.000																						
Revenue			-	-	-	-	50,025.19	10.78															-	50,035.97
Expense			-	-	-	399.38	-	-															-	399.38
Balance			-	-	-	(399.38)	50,025.19	10.78	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	49,636.59
2016-04 Cost Share Retrofits	50,500	38.462																						
Revenue			-	-	-	-	-	50,356.66															-	50,356.66
Expense			-	-	-	-	132.00	-															-	132.00
Balance			-	-	-	-	(132.00)	50,356.66	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50,224.66
2016-05 BioChar Project	80,800	61.538																						
Revenue			-	-	-	-	-	80,569.11															-	80,569.11
Expense			-	-	-	-	132.00	86,117.50															-	86,249.50
Balance			-	-	-	-	(132.00)	(5,548.39)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(5,680.39)
2017-04 City Cost Share BMP Projects	50,000	47.710																						
Revenue			-	-	-	-	-	-							25,826.25							23,602.22	49,428.47	49,428.47
Expense			-	-	-	-	-	128.47															-	128.47
Balance			-	-	-	-	-	(128.47)	-	-	-	-	-	-	25,826.25	-	-	-	-	-	-	23,602.22	49,428.47	49,300.00
2017-05 Mississippi Crossings Rain Garden	54,800	52.290																						
Revenue			-	-	-	-	-	-							28,305.49							25,867.95	54,173.44	54,173.44
Expense			-	-	-	-	-	128.47															-	128.47
Balance			-	-	-	-	-	(128.47)	-	-	-	-	-	-	28,305.49	-	-	-	-	-	-	25,867.95	54,173.44	54,044.97
2018-05 City Cost Share BMP Projects																								
Revenue			-	-	-	-	-	-															-	-
Expense			-	-	-	-	-	-								124.04							124.04	124.04
Balance			-	-	-	-	-	-	-	-	-	-	-	-		(124.04)	-	-	-	-	-	(124.04)	(124.04)	
<b>TOTAL CIP</b>																								
Revenue			-	122,418.64	(385.61)	51,128.24	50,025.19	130,929.32	-	-	-	-	-	-	54,131.74	-	-	-	-	-	-	49,470.17	103,601.91	457,717.69
Expense			1,488.10	-	549.20	399.38	264.00	86,374.44	-	-	-	-	-	-	-	124.04	-	-	-	-	-	-	124.04	89,199.16
Transfer General Funds to Cover Shortfall												3,435.12											3,435.12	3,435.12
Payment												125,000.00											125,000.00	125,000.00
Balance			(1,488.10)	122,418.64	(934.81)	50,728.86	49,761.19	44,554.88	-	-	-	(121,564.88)	-	-	54,131.74	(124.04)	-	-	-	-	-	49,470.17	(18,087.01)	246,953.65

**Kennedy & Graven, Chartered**

200 South Sixth Street, Suite 470  
Minneapolis, MN 55402

(612) 337-9300  
41-1225694

December 31, 2018  
Statement No. 146563

West Mississippi Watershed Management Commission


JASS - Watershed Administrators  
3235 Fernbrook Lane  
Plymouth, MN 55447

Through November 30, 2018

WE405-00001      General 303.95

**Total Current Billing:** 303.95

I declare, under penalty of law, that this  
account, claim or demand is just and  
correct and that no part of it has been paid.

  
\_\_\_\_\_  
Signature of Claimant

**Kennedy & Graven, Chartered**

200 South Sixth Street, Suite 470  
Minneapolis, MN 55402

West Mississippi Watershed

November 30, 2018

WE405-00001 General

Through November 30, 2018

For All Legal Services As Follows:

			Hours	Amount
11/8/2018	TJG	Prepare for, travel to, and attend my meeting	1.50	298.50

**Total Services: \$ 298.50**

For All Disbursements As Follows:

11/8/2018	Troy Gilchrist;	Mileage expense		5.45
-----------	-----------------	-----------------	--	------

**Total Disbursements: \$ 5.45**

**Total Services and Disbursements: \$ 303.95**



**Hennepin County**

Public Works

**Environment and Energy Department**

Rosemary Lavin, Director  
701 Fourth Avenue South, Suite 700  
Minneapolis, Minnesota 55415-1842

612-348-3777, Phone  
612-348-8532, Fax  
[www.hennepin.us/environment](http://www.hennepin.us/environment)

<b>To:</b>	West Mississippi Watershed Management Commission 3235 Fernbrook Lane Plymouth, MN 55447
<b>From:</b>	Hennepin County Department of Environment and Energy 701 Fourth Ave. S. Suite 700 Minneapolis, MN 55415  Phone: 612-596-9129

January 3, 2019

Please pay \$2000.00 for sites monitored on within the West Mississippi Watershed as part of the 2018 Wetland Health Evaluation Program. Cost includes all equipment; training; contractor time; team leader hours; QA/QC; data assessment; report writing, printing and distribution.

Please send payment to:

Hennepin County Department of Environment and Energy  
Attn: Mary Karius  
701 Fourth Ave, S. Suite 700  
Minneapolis, MN 55415

*Please remit within 45 days*



Client/Organization SC Water Management	Event Date 12/13/2018 (Thu)	Telephone (763) 553-1144	Fax (763) 553-9326	Event # EDN18989
Address 3235 Fernbrook Lane		Booking Contact Beverly Love	Site Contact Judie Anderson	Guests 23 (PIn)
Party Name SC Water Management	Theme Corporate Event	Sales Rep Cheron Rubenstein	Category	

**SC Water Management**  
3235 Fernbrook Lane  
Plymouth, MN 55447

# Invoice

*Event held on Thursday, December 13, 2018*

2	Beverages: NA Bev: Regular Colombian Coffee @ 25.95	51.90
11	NACM: Saint Andrews Salad @ 14.00	154.00
4	NACM: Chicken BLT @ 14.00	56.00
8	NACM: Braised Pot Roast @ 14.00	112.00
23	NACM: Chef's Choice Dessert @ 1.00	23.00
24	Beverages: NA Bev: Assorted Soda @ 2.50	60.00

Subtotal	456.90
Gratuity	0.00
Surcharge	86.81
Taxes	40.91
Total	584.62

Paid	0.00
Balance	584.62

SC - 409.23  
 WM - 175.39

Payment is due upon receipt.

Payable to SC  
 SC pd total 12/28 ck #6315



3235 Fernbrook Lane Plymouth MN  
55447

- Bassett Creek Watershed Management Commission
- Elm Creek Watershed Management Commission
- Shingle Creek Watershed Management Commission
- West Mississippi Watershed Management Commission

31-Dec-18

**2018 WMWA General Expense, Watershed PREP and Special Projects**

Date	Description	Rate	Hours/ No.	Amount	Total	Partner Share
	General Expense excluding Green Yard Workshops				8,000.00	2,000.00
	Watershed PREP				9,000.00	2,250.00
	Special Projects				4,000.00	1,000.00
	<b>Total due this invoice</b>					<b>5,250.00</b>
3/23/2018	ROA check no. 4912				(5,250.00)	0
	Second half assessment will be invoiced if necessary.					
12/31/2018	2018 Creating Resilient Yard Workshops			2,924.25		2,924.25
	<b>Total due this invoice</b>					<b>2,924.25</b>



**Invoice**

January 7, 2019  
Invoice No: 11809147



Responsive partner.  
Exceptional outcomes.

Ms. Judie Anderson  
West Mississippi Watershed Mgmt. Comm.  
3235 Fernbrook Lane  
Plymouth, MN 55447

Project Manager Edward Matthiesen

Project B1241-0069 2018 General Engineering

**Professional Services Through December 31, 2018**

**Professional Personnel**

	<b>Hours</b>	<b>Rate</b>	<b>Amount</b>	
Matthiesen, Edward	3.20	198.00	633.60	
Spector, Diane	5.40	186.00	1,004.40	
Totals	8.60		1,638.00	
<b>Total Labor</b>				<b>1,638.00</b>
				<b>Total Invoice Amount</b>
				<b>\$1,638.00</b>

	<b>Current</b>	<b>Prior</b>	<b>Total</b>
<b>Billing Summary</b>	<b>1,638.00</b>	<b>29,173.51</b>	<b>30,811.51</b>

**Invoice**

January 7, 2019

Invoice No: 11809148



Ms. Judie Anderson  
 West Mississippi Watershed Mgmt. Comm.  
 3235 Fernbrook Lane  
 Plymouth, MN 55447

Responsive partner.  
 Exceptional outcomes.

Project Manager Edward Matthiesen

Project B1241-0070 2018 Project Reviews

**Professional Services Through December 31, 2018**

Phase 01 Project Reviews

Project Reviews

**Professional Personnel**

	Hours	Rate	Amount	
Matthiesen, Edward	.50	198.00	99.00	
Nalven, Sarah	1.20	105.00	126.00	
Spector, Diane	10.50	186.00	1,953.00	
Totals	12.20		2,178.00	
<b>Total Labor</b>				<b>2,178.00</b>
		<b>Phase Total</b>		<b>\$2,178.00</b>

Phase 02 WCA

WCA

**Professional Personnel**

	Hours	Rate	Amount	
Dietrich, Meaghan	.40	117.00	46.80	
Totals	.40		46.80	
<b>Total Labor</b>				<b>46.80</b>
		<b>Phase Total</b>		<b>\$46.80</b>

**Total Invoice Amount \$2,224.80**

Billing Summary	Current	Prior	Total
	2,224.80	22,971.97	25,196.77

**Invoice**

January 3, 2019  
Invoice No: 11808887



Ms. Judie Anderson  
West Mississippi Watershed Mgmt. Comm.  
3235 Fernbrook Lane  
Plymouth, MN 55447

Responsive partner.  
Exceptional outcomes.

Project Manager Thomas Langer

Project B1241-0071 2018 Stream Monitoring

**Professional Services Through December 31, 2018**

Phase 01 2018 Stream Monitoring  
2018 Stream Monitoring

**Professional Personnel**

	<b>Hours</b>	<b>Rate</b>	<b>Amount</b>	
Anderson, Chad	.30	155.00	46.50	
Langer, Thomas	3.90	117.00	456.30	
Nalven, Sarah	14.20	105.00	1,491.00	
Stone, Alicia	4.30	62.00	266.60	
Totals	22.70		2,260.40	
<b>Total Labor</b>				<b>2,260.40</b>
		<b>Phase Total</b>		<b>\$2,260.40</b>
		<b>Total Invoice Amount</b>		<b>\$2,260.40</b>

	<b>Current</b>	<b>Prior</b>	<b>Total</b>
<b>Billing Summary</b>	<b>2,260.40</b>	<b>14,745.28</b>	<b>17,005.68</b>

**Invoice**

January 7, 2019  
Invoice No: 11809245



Ms. Judie Anderson  
Shingle Creek Watershed Management Comm.  
3235 Fernbrook Lane  
Plymouth, MN 55447

Responsive partner.  
Exceptional outcomes.

Project Manager Diane Spector

Project B1240-0191 2018 Education and Outreach  
**Professional Services Through December 31, 2018**

Phase 01 Education and Outreach  
Education and Outreach

**Professional Personnel**

	Hours	Rate	Amount	
Spector, Diane	7.30	186.00	1,357.80	
Totals	7.30		1,357.80	
<b>Total Labor</b>				<b>1,357.80</b>
				<b>Phase Total</b>
				<b>\$1,357.80</b>

Phase 02 WMWA  
WMWA

**Professional Personnel**

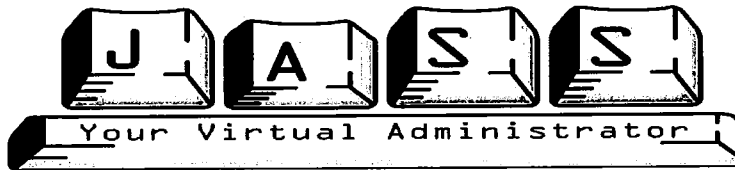
	Hours	Rate	Amount	
Spector, Diane	2.80	186.00	520.80	
Totals	2.80		520.80	
<b>Total Labor</b>				<b>520.80</b>
				<b>Phase Total</b>
				<b>\$520.80</b>

**Total Invoice Amount \$1,878.60**

Billing Summary	Current	Prior	Total
	1,878.60	20,503.48	22,382.08

SC Education 678.90  
 WmWA 520.80  
 -----  
 1,199.70

Wm Education 678.90



3235 Fernbrook Lane  
Plymouth MN 55447

Shingle Creek / West Mississippi Watershed Management Commissions  
3235 Fernbrook Lane  
Plymouth, MN 55447

January 9, 2019

	Share	G/L	Shingle Creek			West Mississippi			Total Project Area	
			SC	WM		SC	WM		SC	WM
Administrative		53001	1.17	55.00	64.35	1.17	55.00	64.35		
Administrative	70-30	53001		55.00	-		55.00	-		
Administrative		53001	20.26	60.00	1,215.60	21.43	60.00	1,285.80		
Administrative	70-30	53001	36.98	60.00	1,553.16		60.00	665.64		
Admin - Offsite		53001		65.00	-		65.00	-		
Admin - Offsite	70-30	53001	3.00	65.00	136.50		65.00	58.50		
Office Support	70-30	53001	7.50	200.00	1,050.00		200.00	450.00		
Admin Reimbursables			547.62	1.00	547.62	312.22	1.00	312.22	4,567.230	2,836.510
Bookkeeping		54022	5.84	60.00	350.40	1.42	60.00	85.20		
Audit Prep		54022		60.00	-		60.00	-	350.400	85.200
Project / WCA Reviews - Admin		53002		60.00	-		60.00	-		
Reimbursable Expenses		53002	28.50	1.00	28.50		1.00	-	28.500	-
Website	50-50	57008	1.83	60.00	54.90		60.00	54.90		
Education Reimbursables	50-50	57008		1.00	-		1.00	-	54.900	54.900
Engrg Support 3G Plan - Secre	70-30	53004		55.00	-		55.00	-		
Engrg Support 3G Plan - Admin	70-30	53004	2.22	60.00	93.24		60.00	39.96		
Engrg Support 3G Plan - Offiste	70-30	53004		65.00	-		65.00	-		
Engrg Support 3G Plan Reimbursables		53004	58.86	1.00	58.86	25.23	1.00	25.23	152.100	65.190
Engineering Support - Admin	70-30	53004	15.25	60.00	640.50		60.00	274.50		
Engineering Support - Offiste	70-30	53004	2.30	65.00	104.65		65.00	44.85		
Engineering Support Reimbursables		53004	396.97	1.00	396.97	133.63	1.00	133.63	1,142.120	452.980
									6,295.250	3,494.780

2424 Territorial Rd  
Suite B  
St. Paul, MN 55114

**Invoice #:** 704  
**Invoice Date:** 1/3/2019

651-313-5800

**P.O. Number:**

**Bill To:**

West Mississippi Wtrshd Mgmt Commission  
3235 Fernbrook Lane  
Plymouth, MN 55447

Date	Description	Amount
2/7/2019	Road Salt Symposium Sponsorship-Feb 7th	500.00
<b>Total</b>		\$500.00
<b>Payments/Credits</b>		\$0.00
<b>Balance Due</b>		\$500.00



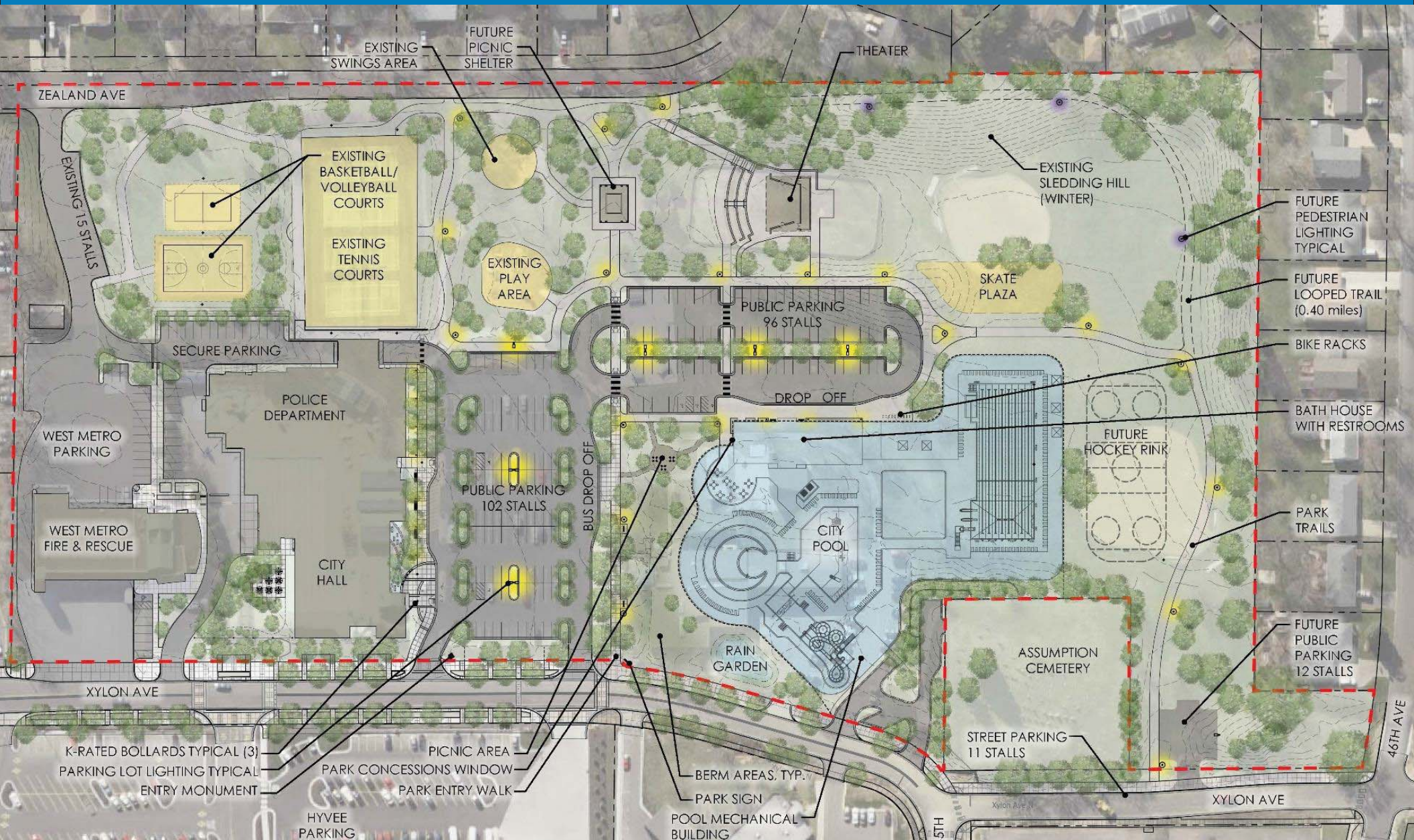


# New Hope City Hall & Civic Center Park

SCWMC Meeting: January 10, 2019



# Civic Center Park Master Plan





# Background

- New Police Station & City Hall is currently under construction
  - Completion planned for June 2019

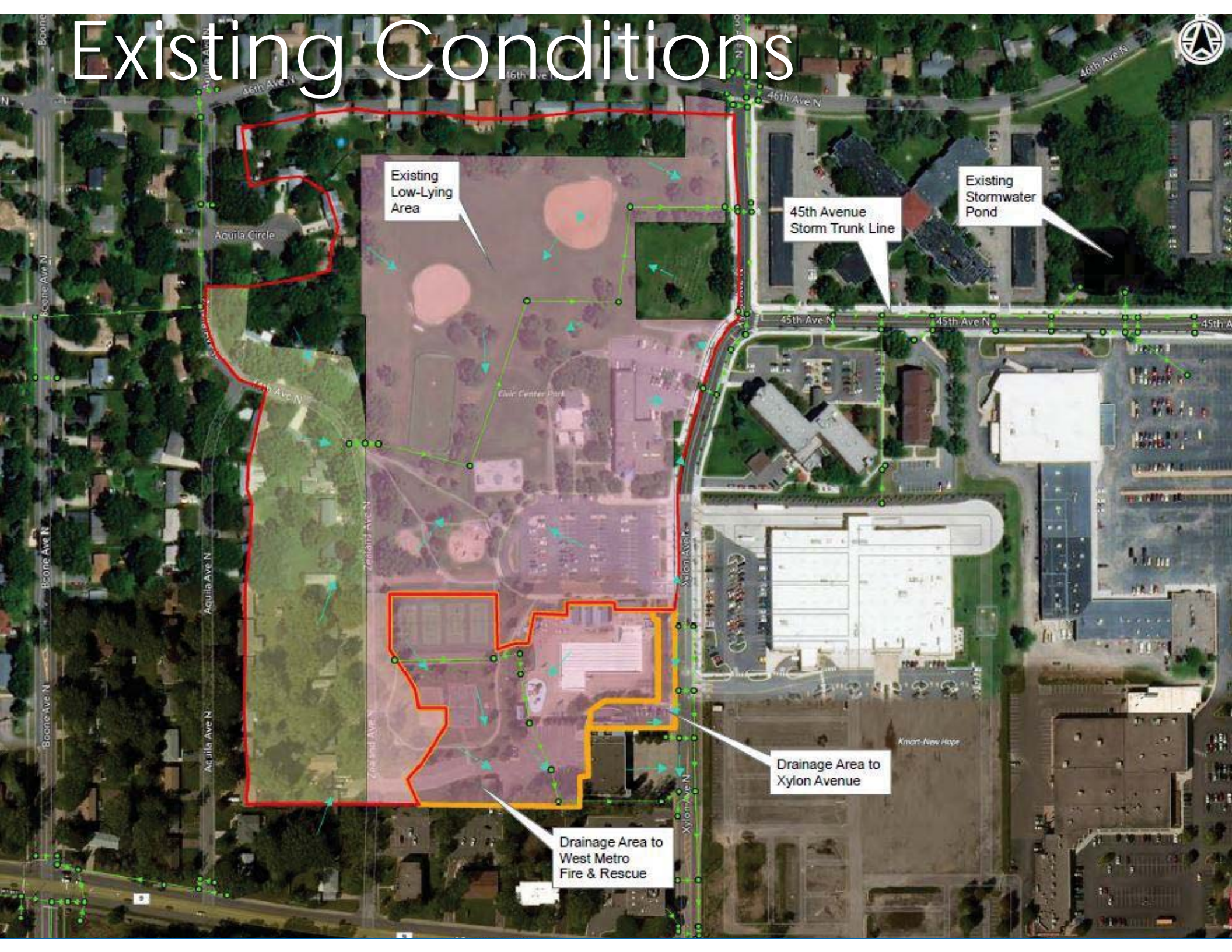















# Existing Conditions

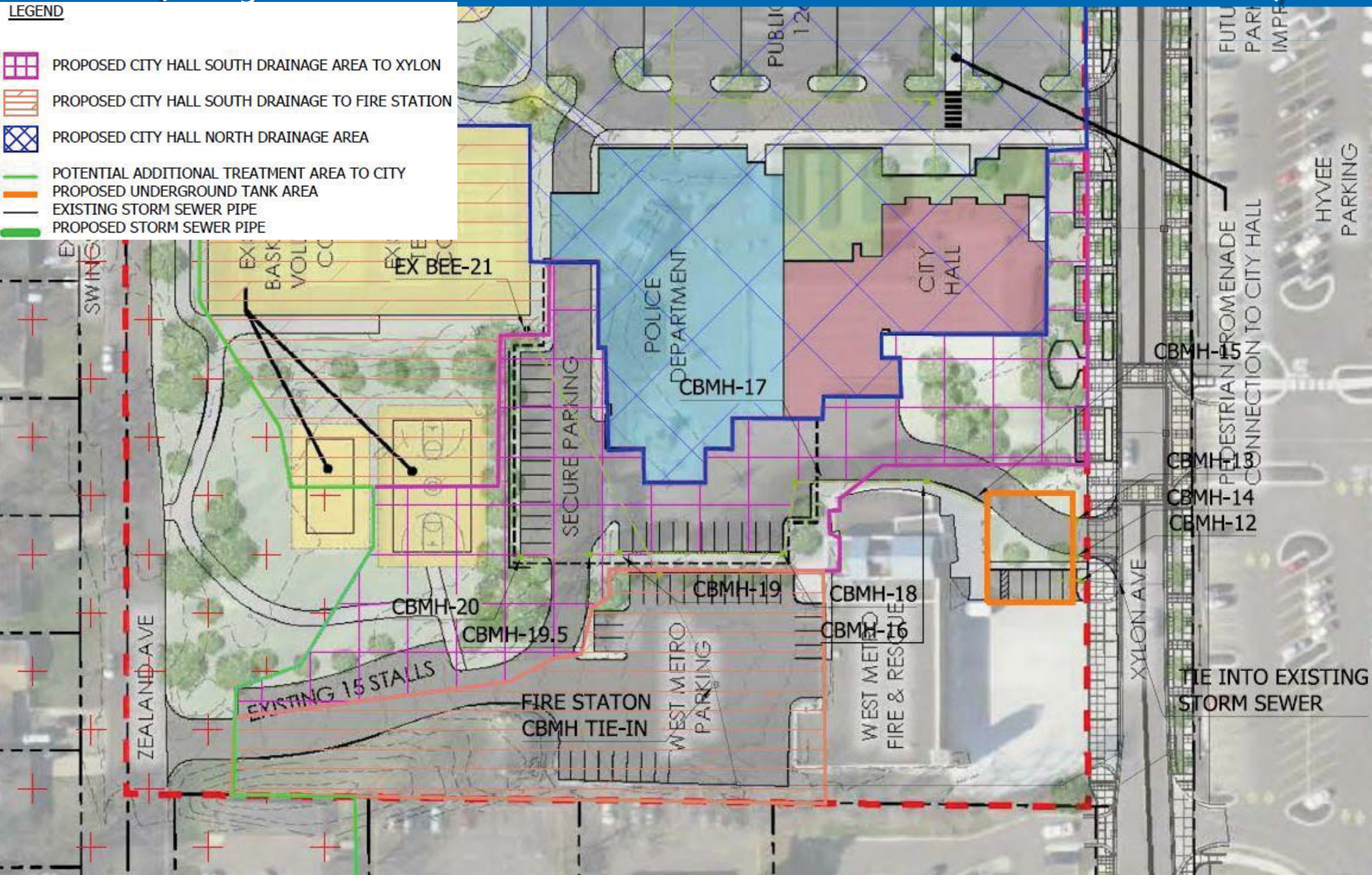




# Proposed Conditions – South (City Hall Site Area – 2018 Construction Start)

## LEGEND

-  PROPOSED CITY HALL SOUTH DRAINAGE AREA TO XYLON
-  PROPOSED CITY HALL SOUTH DRAINAGE TO FIRE STATION
-  PROPOSED CITY HALL NORTH DRAINAGE AREA
-  POTENTIAL ADDITIONAL TREATMENT AREA TO CITY
-  PROPOSED UNDERGROUND TANK AREA
-  EXISTING STORM SEWER PIPE
-  PROPOSED STORM SEWER PIPE





# Proposed Conditions

## Drainage Area Info

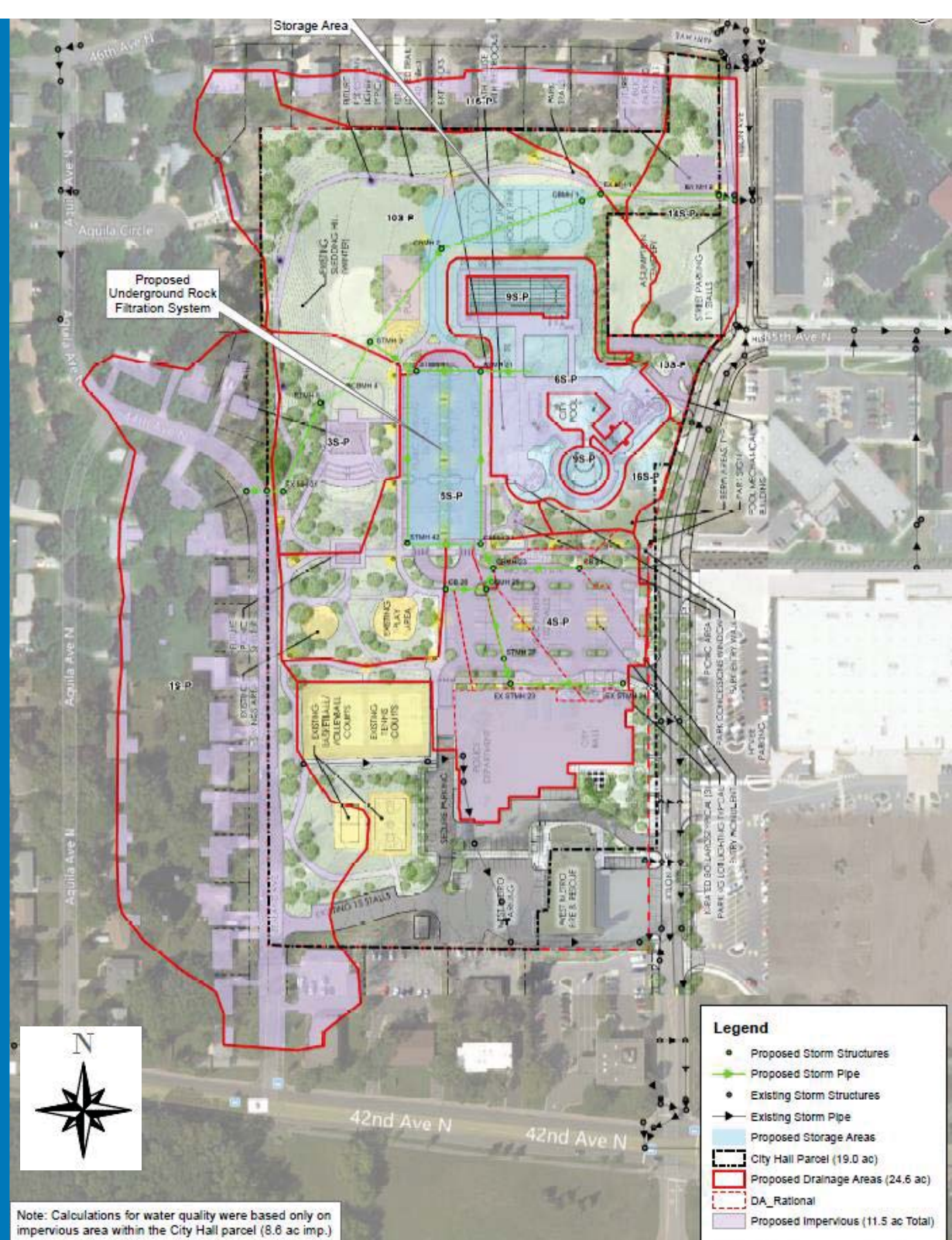
- Total Existing Drainage Area: 23.5 ac
- Total Proposed Drainage Area: 24.3 ac
- Total Existing Impervious Area: 6.6 ac
- Total Proposed Impervious Area: 10.9 ac
- City Hall Parcel Area: 19.8 ac

## Rock Infiltration Water Quality Feature

- Required Treatment Volume (1.3" runoff from all onsite impervious): **0.93 ac-ft**
- Rock Feature Treatment Capacity: **1.21 ac-ft** from 3.0" rainfall\*
- Previously no water quality treatment under existing conditions

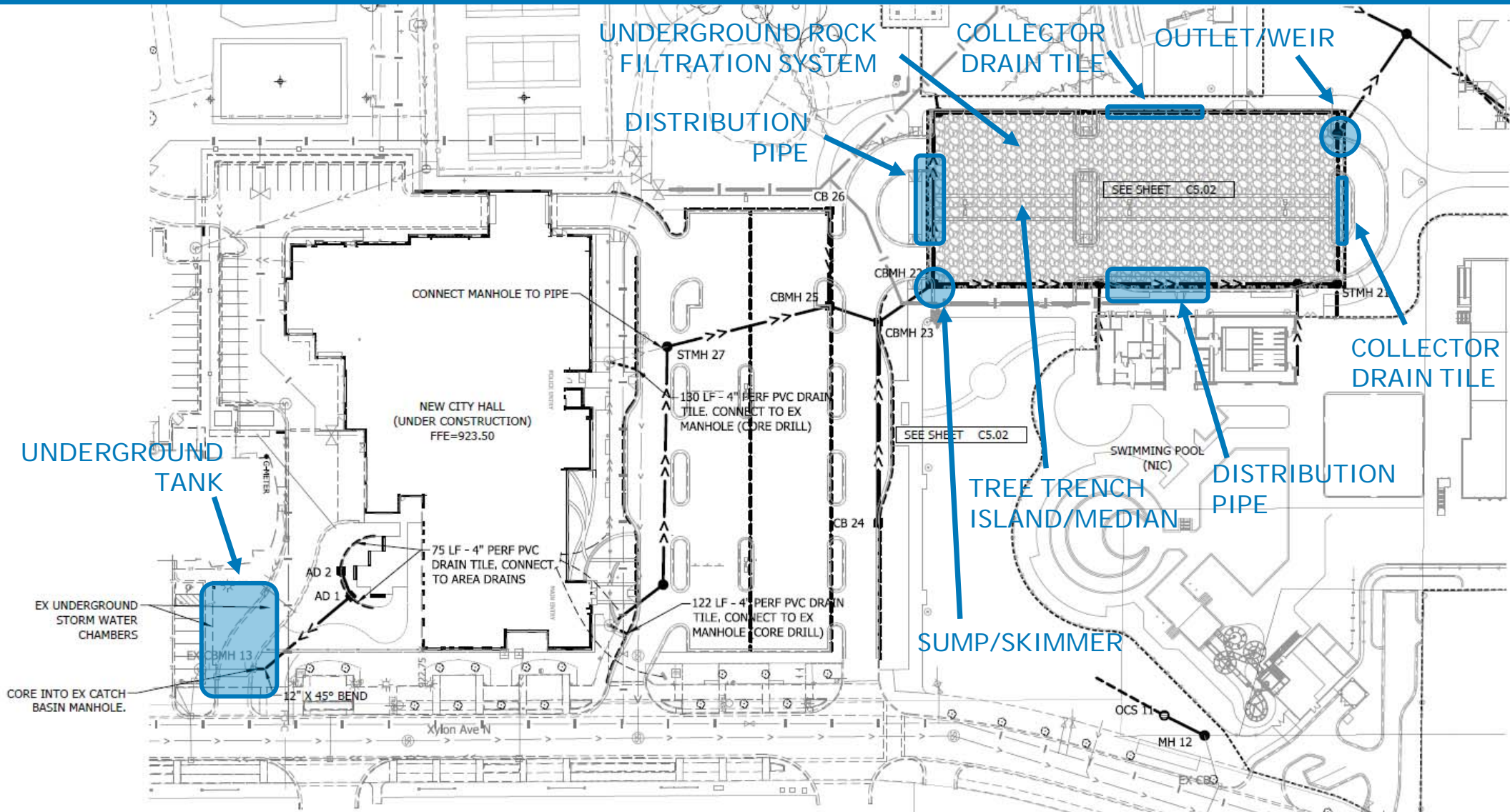
## Runoff Rate Control

	2-YR, 24-HR	10-YR, 24-HR	100-YR, 24-HR
Existing Conditions	15.8 cfs	22.5 cfs	72.9 cfs
Proposed Conditions	14.4 cfs	18.3 cfs	70.8 cfs





# Storm Sewer Details

















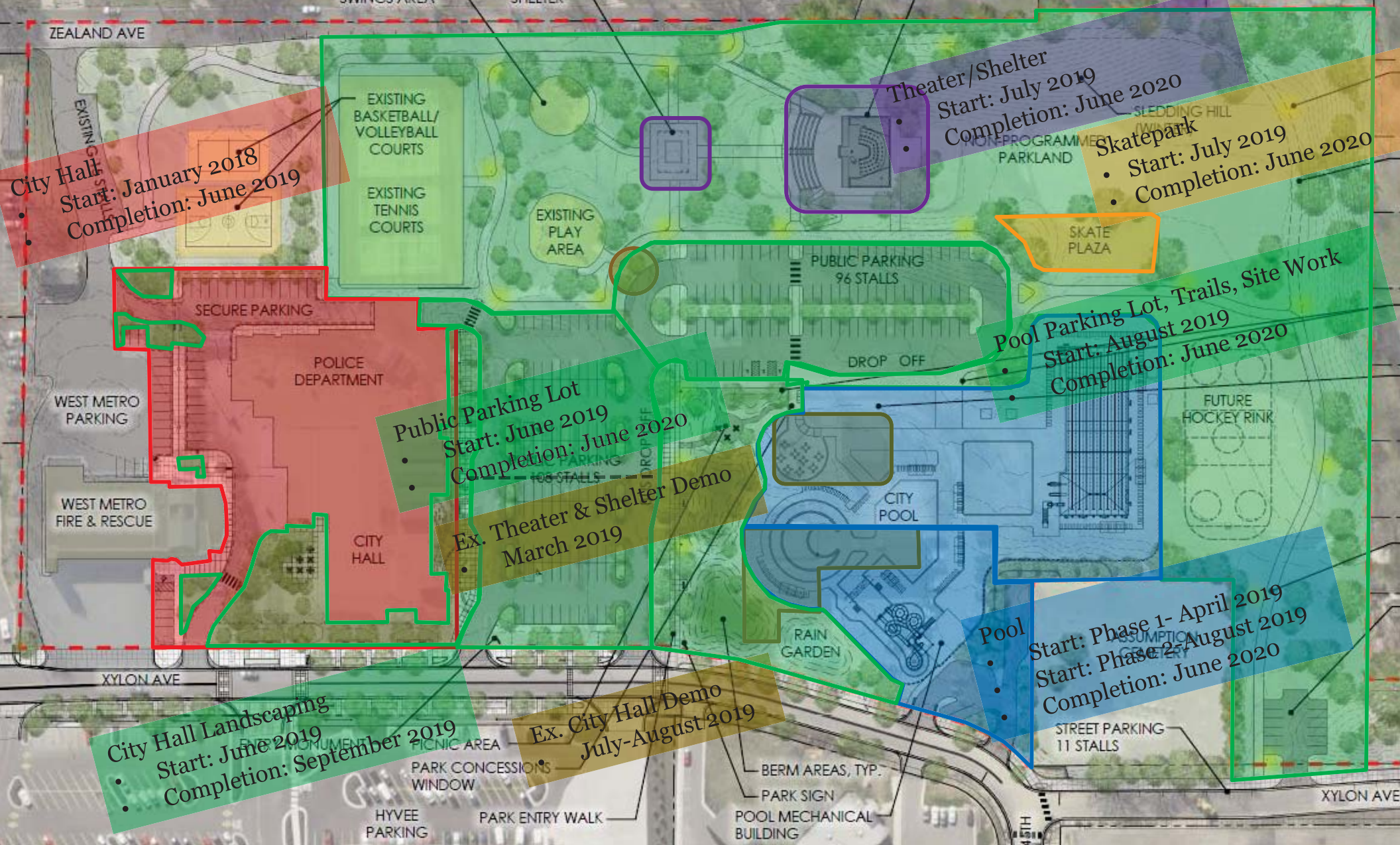








# City Hall & Civic Park Improvements - Projected Schedule



## City Hall & Civic Park Related Contracts

- |   |   |
|---|---|
| Contract 1 - Master Park & Pool Planning (complete)   | Contract 4 - Ex. Theater, Shelter, City Hall Demolition |
| Contract 2 - Bid Pack 1: City Hall (in progress)  | Contract 5 - Pool Improvements                          |
| Contract 3 - Bid Pack 2A & 2B: City Hall Landscaping, Streetscaping, Parking Lot, Civic Center Park Amenities, Pool Parking Lot | Contract 6 - Outdoor Theater                            |
|   | Contract 7 - Skatepark                                  |

# Next Steps

- Finalize plans
- Formal Watershed Approval in February

# Technical Memo



Responsive partner.  
Exceptional outcomes.

**To:** Shingle Creek/West Mississippi WMC Commissioners  
**From:** Diane Spector  
**Date:** January 9, 2019  
**Subject:** Education and Outreach Update

---

**WMWA.** The next WMWA meeting is Tuesday, February 12, 2019 at Plymouth City Hall.

*Watershed PREP and Education and Outreach Events.* Educators are currently scheduling spring classroom visits. The final results for 2018 have been tallied (see attached). Overall, 143 fourth grade classes with 3,593 students learned Lesson 1: What is a watershed and why do we care? Of those participants, 1,755 students in 69 classrooms also received Lesson 2: Water, the incredible journey. The Educators also participated in four events. A reminder that the educators are available to table at city and school events, contact Amy Juntunen at [amy@jass.biz](mailto:amy@jass.biz). In 2019 the educators will be putting together some potential presentations for lake associations.

*Ten Things Brochure.* Final edits to the text have been to the popular Ten Things You Can Do brochure that we first developed in 2009, and is used extensively locally and Metrowide. In general the text is being refreshed and condensed, and additional emphasis is being placed on water conservation, proper deicer use, and lawn turf alternatives. The group is working with Hennepin County to update the design and layout, and we expect that Hennepin County will print the brochure at no cost to the watersheds.

**Website/Social Media.** The website Google Analytics for 2018 are attached, as are the Facebook insights for the last 28 days for both Shingle Creek and WMWA. There were almost 2,500 unique visitors to the website last year. As a reminder, Facebook Reach is the number of times a post was viewed in a feed, Engagement is an action- a click, comment, share, or reaction. Winter is a slow time for social media about water quality. At the January 8, 2019 meeting, WMWA agreed to again hire Dawn Pape to prepare 1-2 Facebook and Twitter postings per week for 2019 about water quality, AIS, salt use, natural resources issues, and the Pledge to Plant campaign. The contract also provides for one boosted post per month. Dawn has been managing social media for Bassett Creek, and has found that boosting one or two posts per month dramatically increases reach and engagement.

**2019 Budget.** Each of the four watersheds budgeted funds for 2019 WMWA admin/technical services, Watershed PREP, and Special Projects based on estimated 2019 needs. Based on actual expenses for 2018 and taking into account unspent funds available to carry over to 2019, WMWA recommends the budget shown in Table 1. Shingle Creek acts as the fiscal agent for WMWA, and invoices the other three watersheds at the beginning of the year and in the third quarter of the year if necessary. Each WMO pays one-fourth the cost of WMWA programming.



**Table 1. Previous years' budgets and proposed 2019 budget.**

	2017				2018				2019	
	Revenue	Carry Over	Expense	Balance	Budget	Revenue <sup>3</sup>	Expense	Balance	Budget <sup>4</sup>	1 <sup>st</sup> Invoice <sup>5</sup>
Admin/Tech Services Routine tasks, website, social media, meetings, etc	\$15,360	\$360	\$13,631	\$1,729	\$16,000	\$8,000	\$10,069	\$-340	\$12,000	\$12,000
Special Projects <sup>1</sup>	9,910	3,910	2,856	7,054	8,000	4,000	3,916	7,138	8,000	0
Watershed Prep	25,961	7,961	11,252	14,709	18,000	9,000	14,659	9,050	16,000	8,000
Resilient Yards <sup>2</sup> Metro Blooms workshops	10,677		10,947	-270	<i>Billed directly to cities</i>			<i>Billed directly to cities</i>		
<b>TOTAL</b>	<b>\$61,908</b>	<b>\$12,231</b>	<b>\$38,686</b>	<b>\$23,222</b>	<b>\$42,000</b>	<b>\$21,000</b>	<b>\$28,644</b>	<b>\$15,848</b>	<b>\$36,000</b>	<b>\$20,000</b>

<sup>1</sup>Special Projects include one-time or special activities, and has in the past included development and printing of brochures, acquisition of education and outreach signage and materials, the Pledge to Plant campaign, and the contractual social media work.

<sup>2</sup>WMWA acts as the fiscal agent with Metro Blooms. Each Resilient Yards workshop costs \$3,000, and the new in 2018 Turf Alternative workshop costs \$1,500, which is borne by the city or groups of cities hosting the workshops. New in 2019 will be optional Healthy Soils workshop, also at \$1,500.

<sup>3</sup>WMWA submitted to the WMOs invoices for half the budget at the beginning of the year. Because there was unspent carry-over from 2017 adequate to meet 2018 expenses, the second-half invoices were not submitted.

<sup>4</sup>The WMOs include in their 2019 budgets for WMWA the same amount as the 2018 budget. This proposed budget is less than the 2018 budget.

<sup>5</sup>The first invoice in 2019 takes into account the funds carried over from 2018. At mid-year should it appear that potential expenses for any line item will exceed the carry-over plus the revenue from the first invoice, second-half invoices will be submitted to the cities

## Shingle Creek FB Metrics

Last 28 days: 129 total Likes (4 new), 90 Reaches, 63 Engagements.

Published	Post	Type	Targeting	Reach	Engagement
01/06/2019 3:11 PM	Shingle Creek Watershed Management Organization shared a			69	17 5
12/27/2018 6:35 PM	Great workshop about how to reduce salt use, which ends up in our local			53	5 0
12/12/2018 1:32 PM	Way to go!			55	22 7
11/09/2018 12:14 PM	Shingle Creek Watershed Management Organization updated			42	4 1
11/07/2018 3:03 PM	Shingle Creek Watershed Management Organization shared a			21	4 1
10/05/2018 9:04 AM	Shingle Creek Watershed Management Organization shared a			19	9 0

**Shingle Creek Watershed Management Organization** shared a post.  
Published by Diane Spector [?] · January 6 at 3:11 PM ·

# Pledge to be Salt Smart

## 1. Shovel

Clear walkways before snow turns to ice. Apply salt only if needed.

## 2. Scatter

Use salt only where critical. Aim for 3 inches of space between salt granules.

## 3. Switch

Salt doesn't melt ice below 15 degrees. Use sand for traction when it's too cold, or a different de-icer.

## 4. Sweep

Clean up leftover salt, sand, and de-icer to save and reuse as needed.

**Hennepin Environment**  
Government Organization [Send Message](#)

**69** People Reached

**7** Likes, Comments & Shares

<b>5</b> Likes	<b>5</b> On Post	<b>0</b> On Shares
<b>0</b> Comments	<b>0</b> On Post	<b>0</b> On Shares
<b>2</b> Shares	<b>2</b> On Post	<b>0</b> On Shares

**17** Post Clicks

<b>4</b> Photo Views	<b>0</b> Link Clicks	<b>13</b> Other Clicks
-------------------------	-------------------------	---------------------------

**NEGATIVE FEEDBACK**

<b>0</b> Hide Post	<b>0</b> Hide All Posts
<b>0</b> Report as Spam	<b>0</b> Unlike Page

Reported stats may be delayed from what appears on posts



## West Metro Water Alliance (WMWA) Metrics

Last 28 days: 145 total Likes (4 new), 198 Reaches, 95 Engagements

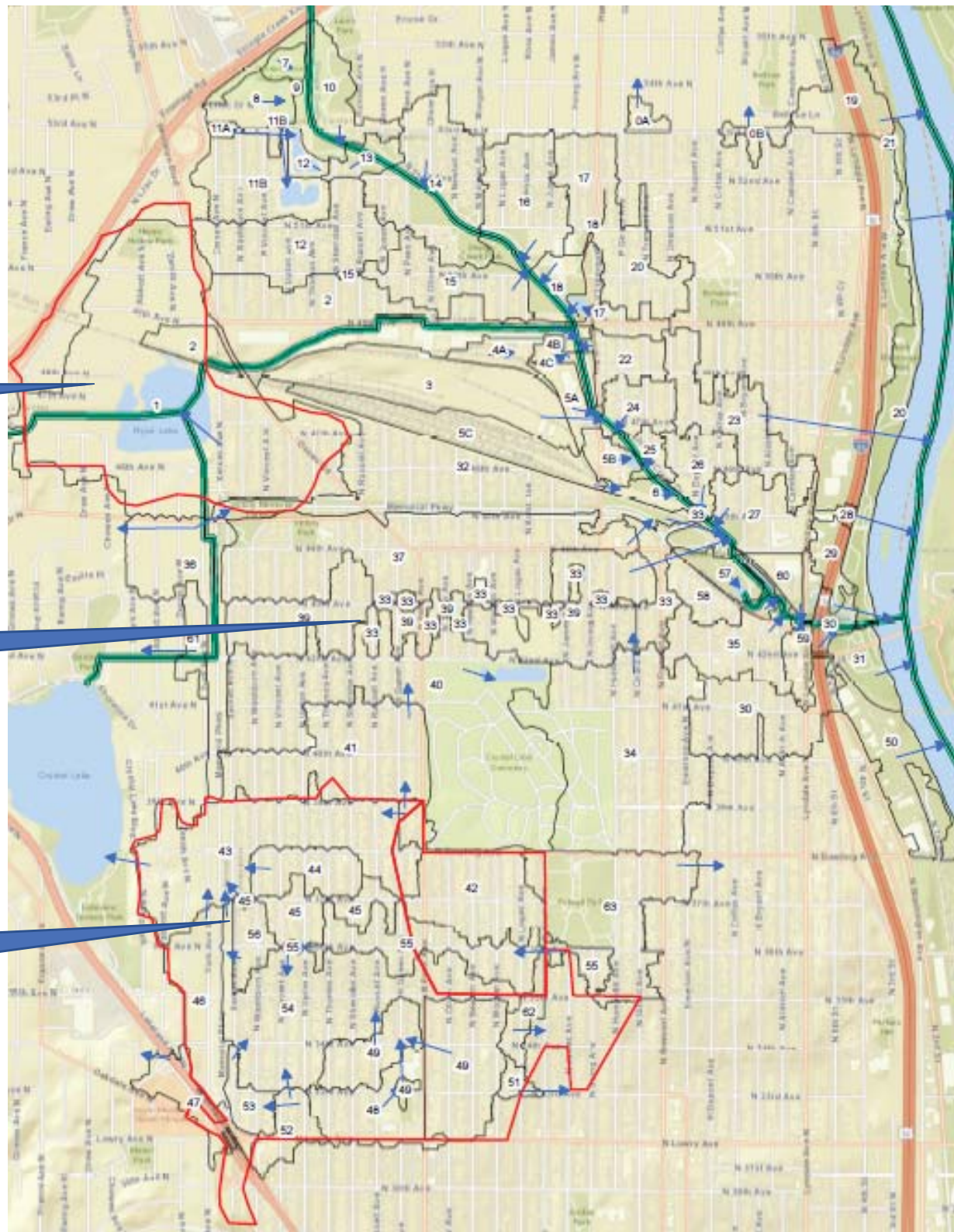
Published	Post	Type	Targeting	Reach <i>i</i>	Engagement
01/03/2019 9:50 PM	 Who knew a rain garden is actually the fountain of youth? Pledge to Plant			60 	2 1 
12/27/2018 6:34 PM	 Great workshop about how to reduce salt use, which ends up in our local			46 	2 2 
12/27/2018 10:58 AM	 Whoa!			55 	9 0 
12/27/2018 8:38 AM	 Another reminder that we can't take our water resources for granted.			53 	1 0 
12/27/2018 8:37 AM	 Interesting and forward thinking farm bill...			51 	0 2 
12/25/2018 1:05 PM	 Happy holiday! As we reflect on 2018, we are grateful for our many partners.			54 	2 1 
12/19/2018 9:12 AM	 Dr. Seuss inspired characters... Please share your winter nature			33 	1 1 
12/14/2018 11:45 AM	 Innovative water re-use system being built into Allianz Field Great Lawn			58 	6 2 
12/12/2018 5:05 PM	 West Metro Water Alliance shared a post.			27 	1 1 
12/12/2018 3:51 PM	 Salt-Evolved Zooplankton Grow Too Slowly To Block Salt-Induced Algal			105 	0 1 
12/12/2018 12:00 PM	 Did you know rain gardens continue to infiltrate dirty stormwater in the			91 	13 6 
12/11/2018 4:56 PM	 Great story about habitat improvement results from our			65 	9 1 

# Study Area

Ryan Lake  
Tributary Area

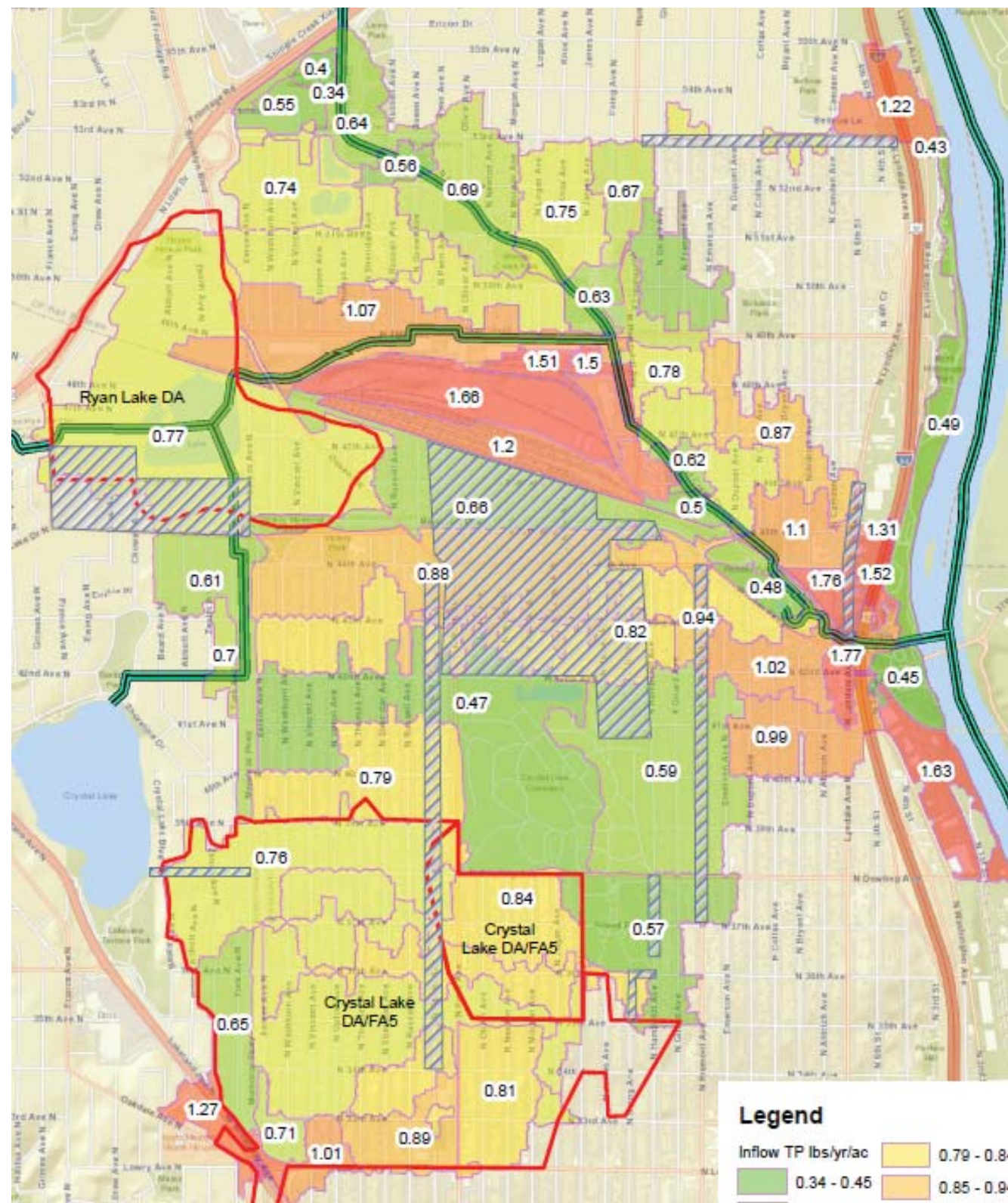
Shingle Creek  
Tributary Area

Crystal Lake  
Tributary Area  
Flood Area 5



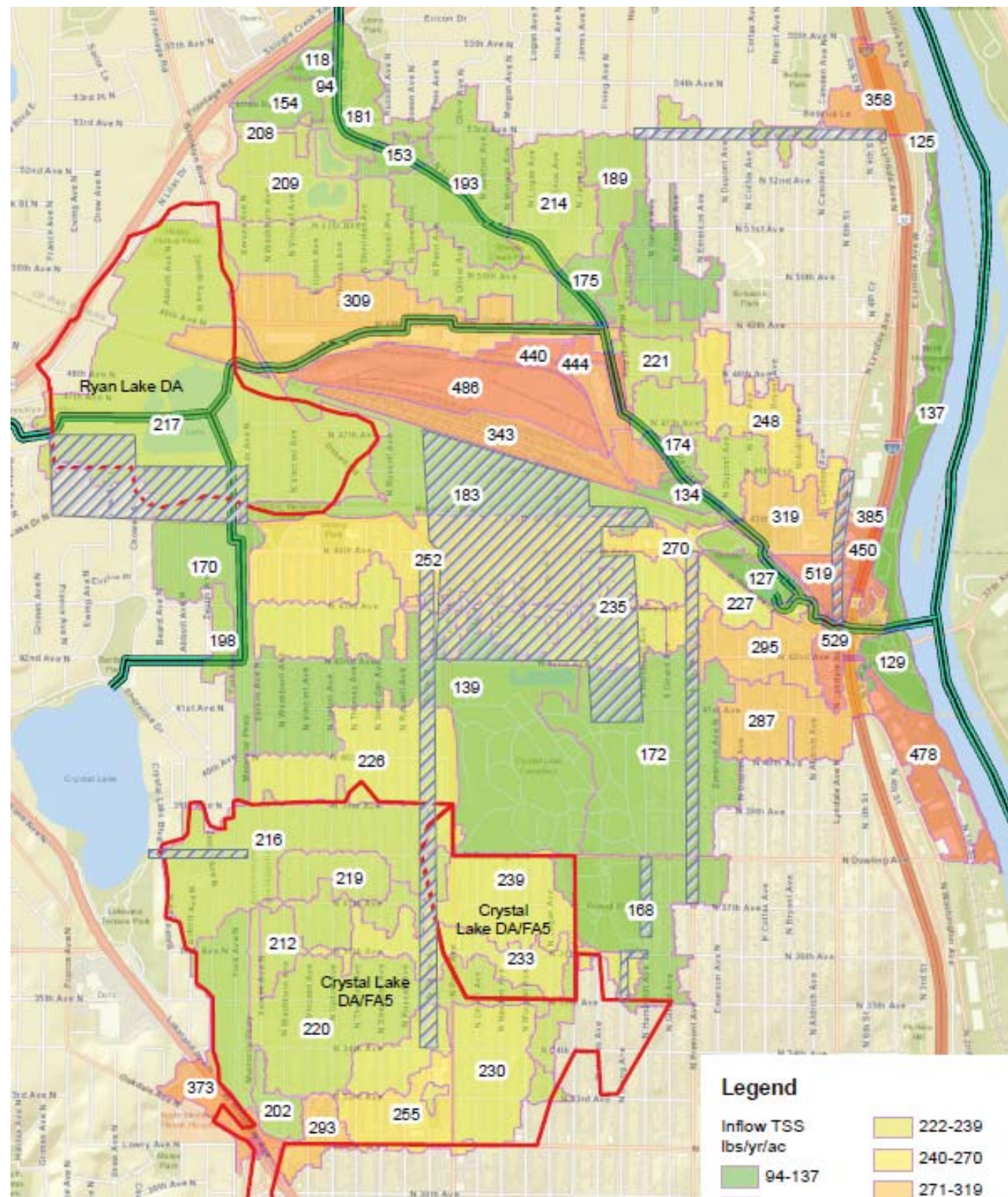


# TP Modeled Load



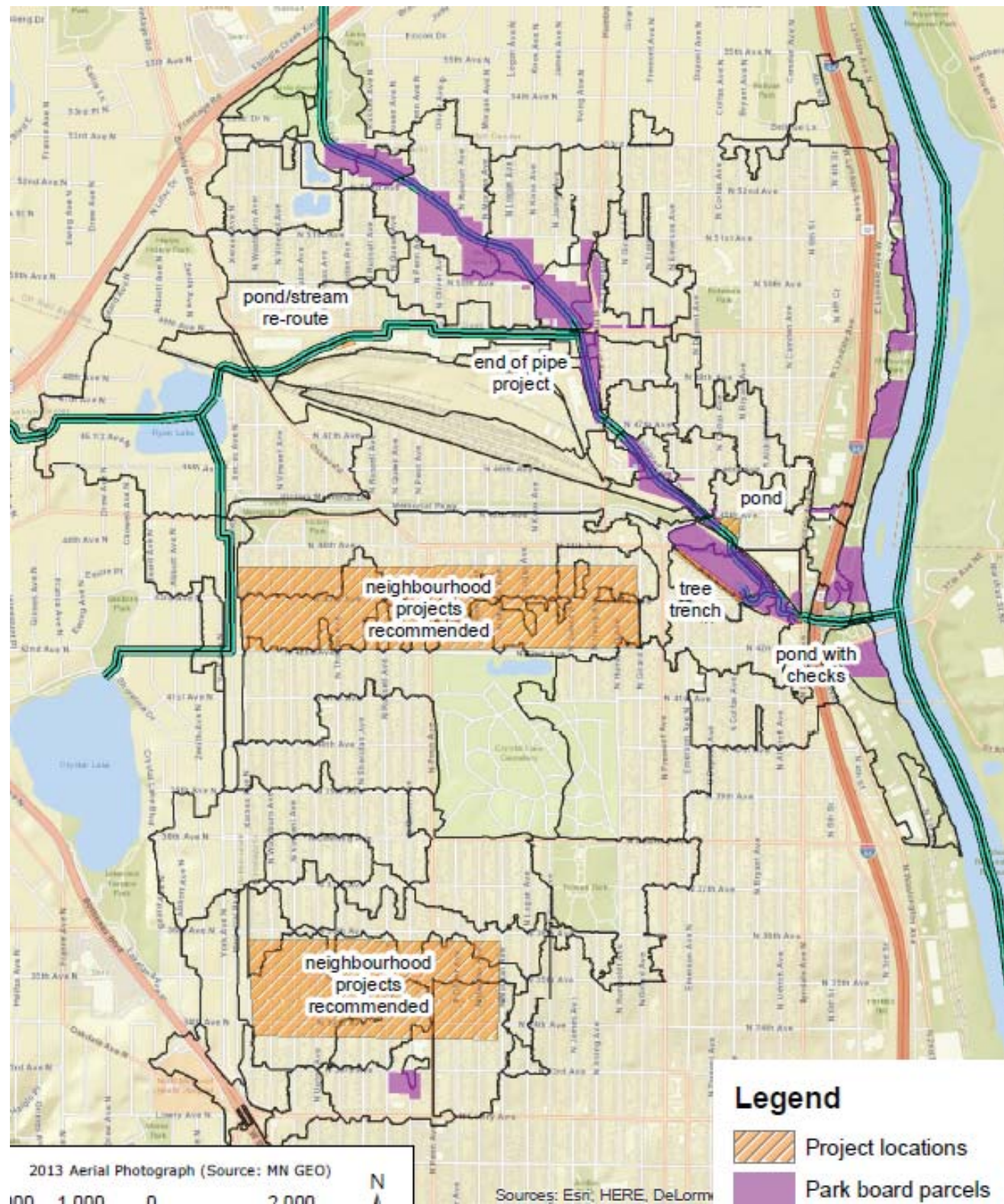


# TSS Modeled Load





# Priority / Opportunity Areas





# Example-Ryan Creek Pond



**Figure 4-2 Project #1 Pond/stream re-route**