


## Shingle Creek Watershed Management Commission Treasurer's Report

	2021 Budget	Jan 2022	Feb 2022	%age YTD	2021 YTD
<b>REVENUE</b>					
Application Fees	20,000	300.00		65.50	13,100.00
Member Assessments	363,590	363,590.00		100.00	363,590.00
Interest and Dividends	20,000	18.92		0.82	163.56
Education Reimbursement	33,000			45.45	15,000.00
Rain Garden Workshops	6,000			-	-
Transfer to (from) Grants (see following pages)		16,995.95	-		339,494.69
2020 Transfer to (from) Grants (see following pages)					
Transfer to (from) CIPs		8,248.43			1,391,196.03
Transfer to (from) Closed Projects Account					-
<b>TOTAL REVENUE</b>	<b>442,590</b>	<b>389,153.30</b>			<b>2,122,544.28</b>
<b>EXPENSES</b>					
		<b>2021 Activity</b>	<b>2021 Activity</b>		
<b>ADMINISTRATION</b>					
Administrative Services	71,000	4,356.15	4,040.75	83.67	59,404.80
Engineering Support	17,000	776.50	2,318.07	49.54	8,420.98
Project Reviews	1,500	1.22	72.75	93.83	1,407.45
<b>ENGINEERING</b>					
Administration	75,000	1,162.50	613.75	100.78	75,581.98
Grant Application Writing	11,000			100.05	11,005.00
Project Reviews/WCA	44,000	1,387.50		42.84	18,850.08
TMDL 5 Year Reviews	10,000	416.25	1,188.50	49.99	4,999.10
LEGAL - Legal Services	5,500	324.80	466.90	107.14	5,892.60
<b>MISCELLANEOUS</b>					
Bookkeeping	7,000	575.40	571.90	96.94	6,785.85
Audit	6,500			92.31	6,000.00
Insurance & Bonding	3,100			72.29	2,241.00
Meeting Expense	5,000			4.19	209.37
<b>PROGRAMS</b>					
Stream Monitoring	36,000	368.30	582.25	86.53	31,152.05
Stream Monitoring (USGS)	4,200			90.48	3,800.00
Lake Monitoring	24,000	676.25		96.83	23,238.74
Citizen Assisted Lake Monitoring (CAMP)	3,800	3,550.00		129.84	4,934.00
Volunteer Wetland Monitoring (WHEP)	2,000			-	-
Volunteer Stream Monitoring (River Watch)	1,000			-	-
Annual Monitoring Report	16,000	324.45		100.24	16,037.88
<b>Water Quality Education</b>					
Education Program	15,000	348.75	225.00	93.54	14,030.39
Education 2022			23.45		
Education Grants	500			-	-
WMWA General Programs	20,000	206.84	326.23	46.50	9,299.04
WMWA Implementation/Watershed Prep	24,500	16.25		1.29	315.36
Rain Garden Workshops	8,000			-	-
Management Plan/Amendments	0	9,766.75	1,419.43		21,266.48
Subwatershed BMP Assessment	10,000				22,985.00
Flood Modeling and Mapping	0				553.00
Transfer to (from) Grants (see following pages)		39,101.46	2,048.50		226,254.97
Transfer to (from) CIPs					53,765.85
Transfer to (from) City Cost Share Fund					49,066.50
Transfer to (from) Partnership BMP Cost Share Fund		30,000.00			80,000.00
Transfer to (from) Closed Projects Account					-
To/From Reserves	20,990				
<b>TOTAL OPERATING EXPENSE</b>	<b>442,590</b>	<b>93,359.37</b>	<b>13,897.48</b>		<b>757,497.47</b>
<b>CASH SUMMARY</b>					
<b>4M Fund Balance at 12/31/20</b>					<b>767,512.27</b>
<b>Plus Revenue Received 2021 to date</b>					<b>2,527,497.18</b>
<b>Minus Claims Approved to Date</b>					<b>(795,588.71)</b>
<b>Minus Claims Presented Current Month</b>					<b>(13,897.48)</b>
<b>Fund Balance</b>		<b>2,492,067.59</b>			<b>2,485,523.26</b>

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

Claims Presented	General Ledger Acct No	January	February		Total
Kennedy & Graven					<b>466.90</b>
Legal - General	52001		466.90		
Stantec (formerly Wenck)					<b>6,077.43</b>
General Engineering	51001		613.75		
Grant Writing	51005				
Project Reviews	51002				
TMDL 5-Year Reviews	56011		1,188.50		
4th Generation Plan	51007		1,419.43		
CAMP	56002				
Stream Monitoring	56004		582.25		
Lake Monitoring	56010				
Education	57008		225.00		
Education - WMWA	57009				
Annual Water Quality Report	58002				
Bass/Pomerleau Alum Trmt Grant	70727		1,709.75		
Crystal Lake Management Plan Grant	70732		215.00		
SRP Channel Filter Project Grant	70738		123.75		
Ryan Lake SWA	58029				
Judie Anderson's Secretarial Service					<b>326.23</b>
WMWA General Expense	57009		326.23		
WMWA Educators/WS Prep	57011				
Judie Anderson's Secretarial Service					<b>7,026.92</b>
Administration	53001		4,040.75		
Project Review Support	53002		72.75		
Bookkeeping / Audit Prep	54002		571.90		
Education Programs	57008		23.45		
Engineering Support	53004		2,318.07		
Engineering Support - CIP General	53004				
Engineering Support - 4th Gen Plan	53007				
<b>Total Claims</b>					<b>13,897.48</b>
					
<b>Judie A Anderson, Deputy Treasurer</b>					

## Shingle Creek Watershed Management Commission Treasurer's Report

	Total Grant	Jan 2021	Feb 2021	%age YTD	YTD
<b>GRANTS</b>					
Bass/Pomerleau Lakes Internal Load Reduction (	267,040				
Revenue					-
Expense		1,436.80	1,709.75		29,077.26
Balance		(1,436.80)	(1,709.75)		(29,077.26)
2018 BWSR Watershed-Based Funding	103,571				
Revenue					-
Expense					68,129.00
Balance		-	-		(68,129.00)
SRP Reduction Project (MPCA)	72,170				
Revenue					7,216.13
Expense					3,326.58
Balance		-	-		3,889.55
Crystal Lake Management Plan (MPCA)					
Revenue		16,995.95			36,523.56
Expense		317.50	215.00		61,416.22
Balance		16,678.45	(215.00)		(24,892.66)
MN DNR Floodplain Modeling & Mapping	50,000				
Revenue					26,913.00
Expense					-
Balance		-	-		26,913.00
2021 HC OG SRP Channel Filter Project	75,000				
Revenue					-
Expense		6,498.75	123.75		23,494.50
Balance		(6,498.75)	(123.75)		(23,494.50)
2021 BWSR WBIF Bass Creek Restoration	70,000				
Revenue					35,200.00
Expense					-
Balance		-	-		35,200.00
2021 BWSR WBIF Meadow Lake Drawdown & Al	40,000				
Revenue					19,800.00
Expense					10,364.85
Balance		-	-		9,435.15
2021 CWF Meadow Lake Mgt Plan	153,510				
Revenue					77,042.00
Expense		30,848.41			30,848.41
Balance		(30,848.41)	-		46,193.59
2021 CWF Connections II	328,000				
Revenue					163,713.00
Expense					-
Balance		-	-		163,713.00
<b>TOTAL GRANTS</b>					
Revenue		16,995.95	-		366,407.69
Expense		39,101.46	2,048.50		226,254.97
Balance		(22,105.51)	(2,048.50)		140,152.72
		<b>2021 Activity</b>	<b>2021 Activity</b>		

**Kennedy & Graven, Chartered**

150 South Fifth Street, Suite 700  
Minneapolis, MN 55402

(612) 337-9300

41-1225694

January 26, 2022

Statement No. 165938

Shingle Creek Watershed Management Commission

Judie Anderson

JASS - Watershed Administrators  
3235 Fernbrook Lane  
Plymouth, MN 55447

Through December 31, 2021

SH220-00001      General

466.90

**Total Current Billing:** 466.90

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**

150 South Fifth Street, Suite 700  
Minneapolis, MN 55402

Shingle Creek Watershed  
Judie Anderson

December 31, 2021

SH220-00001    General

Through December 31, 2021

For All Legal Services As Follows:

			Hours	Amount
12/8/2021	TJG	Work on agreement for educational services; call with Amy J regarding same for additional information; finalize and send agreement to Amy J for review	1.10	223.30
12/9/2021	TJG	Prepare for and participate in meeting	1.20	243.60
<b>Total Services:</b>			<b>\$</b>	<b>466.90</b>

**Total Services and Disbursements:    \$            466.90**



INVOICE

Invoice Number	1878888
Invoice Date	January 21, 2022
Purchase Order	227702279
Customer Number	165842
Project Number	227702279

**Bill To**

Shingle Creek Watershed Management Commission  
 Accounts Payable  
 3235 Fernbrook Lane  
 Plymouth MN 55447  
 United States

**Please Remit To**

Stantec Consulting Services Inc. (SCSI)  
 13980 Collections Center Drive  
 Chicago IL 60693  
 United States

<b>Project</b>	<b>B001240-21-502: 2021 Project Reviews - Shingle Creek</b>		
Project Manager	Matthiesen, Ed	Contract Upset	44,000.00
Current Invoice Total (USD)	613.75	Amount Billed to Date For Period Ending	19,463.83 <b>December 31, 2021</b>

<b>Top Task</b>	<b>101</b>	<b>General Project Reviews</b>		
<b><u>Professional Services</u></b>				
<b>Category/Employee</b>		<b>Current Hours</b>	<b>Rate</b>	<b>Current Amount</b>
	Spector, Diane F	0.25	200.00	50.00
	Matthiesen, Edward Armin (Ed)	2.75	205.00	563.75
	<b>Subtotal Professional Services</b>	<u>3.00</u>		<u>613.75</u>
Top Task Subtotal	General Project Reviews			613.75
	<b>Total Fees &amp; Disbursements</b>			<u>613.75</u>
	<b>INVOICE TOTAL (USD)</b>			<b>613.75</b>

**Due upon receipt or in accordance with terms of the contract**



INVOICE

**Invoice Number** 1878899  
**Invoice Date** January 21, 2022  
**Purchase Order** 227702304  
**Customer Number** 165842  
**Project Number** 227702304

**Bill To**

Shingle Creek Watershed Management Commission  
 Accounts Payable  
 3235 Fernbrook Lane  
 Plymouth MN 55447  
 United States

**Please Remit To**

Stantec Consulting Services Inc. (SCSI)  
 13980 Collections Center Drive  
 Chicago IL 60693  
 United States

<b>Project</b>	<b>B001240-21-510: 2021 TMDL 5 Year Reviews</b>		
Project Manager	Spector, Diane F	Contract Upset	10,000.00
Current Invoice Total (USD)	1,188.50	Amount Billed to Date	4,999.10
		For Period Ending	<b>December 31, 2021</b>

Top Task	100	Professional Services			
<u>Professional Services</u>					
Category/Employee		Current Hours	Rate	Current Amount	
		Kemmitt, Kathrine Lee (Katie)	9.50	115.00	1,092.50
		Dougherty, Conor	0.75	128.00	96.00
		<b>Subtotal Professional Services</b>	<u>10.25</u>		<u>1,188.50</u>
Top Task Subtotal	Professional Services				1,188.50
		<b>Total Fees &amp; Disbursements</b>			<u>1,188.50</u>
		<b>INVOICE TOTAL (USD)</b>			<b>1,188.50</b>

**Due upon receipt or in accordance with terms of the contract**



INVOICE

Invoice Number	1878882
Invoice Date	January 21, 2022
Purchase Order	227702302
Customer Number	165842
Project Number	227702302

Bill To

Shingle Creek Watershed Management Commission  
 Accounts Payable  
 3235 Fernbrook Lane  
 Plymouth MN 55447  
 United States

Please Remit To

Stantec Consulting Services Inc. (SCSI)  
 13980 Collections Center Drive  
 Chicago IL 60693  
 United States

<b>Project</b>	<b>B001240-21-508: 2021 Stream Monitoring</b>		
Project Manager	Kemmitt, Katie	Contract Upset	36,000.00
Current Invoice Total (USD)	582.25	Amount Billed to Date	31,152.05
		For Period Ending	<b>December 31, 2021</b>

<b>Top Task</b>	<b>100</b>	<b>Professional Services</b>
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Professional Services

Category/Employee	Current Hours	Rate	Current Amount
Healy, Anna Rae	3.00	65.00	195.00
Omodt, Nicholas D (Nick)	0.50	103.00	51.50
Kemmitt, Kathrine Lee (Katie)	2.00	115.00	230.00
Wilkinson, Anne A	0.75	141.00	105.75
<b>Subtotal Professional Services</b>	<u>6.25</u>		<u>582.25</u>

Top Task Subtotal	Professional Services	582.25
<b>Total Fees &amp; Disbursements</b>		<u>582.25</u>
<b>INVOICE TOTAL (USD)</b>		<b>582.25</b>

**Due upon receipt or in accordance with terms of the contract**





INVOICE

**Invoice Number** 1878898  
**Invoice Date** January 21, 2022  
**Purchase Order** --  
**Customer Number** 165842  
**Project Number** 227702300

**Bill To**  
 Shingle Creek Watershed Management Commission  
 Accounts Payable  
 3235 Fernbrook Lane  
 Plymouth MN 55447  
 United States

**Please Remit To**  
 Stantec Consulting Services Inc. (SCSI)  
 13980 Collections Center Drive  
 Chicago IL 60693  
 United States

<b>Project</b>	<b>B001240-21-506: 2021 Education and Outreach</b>		
Project Manager	Spector, Diane F	Contract Upset	28,800.00
Current Invoice Total (USD)	450.00	Amount Billed to Date	28,792.75
		For Period Ending	<b>December 31, 2021</b>

**Top Task**                    **101**                    **General Education**

**Professional Services**

Category/Employee		Current Hours	Rate	Current Amount
	Spector, Diane F	2.25	200.00	450.00
	<b>Subtotal Professional Services</b>	<u>2.25</u>		<u>450.00</u>

Top Task Subtotal	General Education			450.00
		<b>Total Fees &amp; Disbursements</b>		<u>450.00</u>
		<b>INVOICE TOTAL (USD)</b>		<b>450.00</b>

**Due upon receipt or in accordance with terms of the contract**

SC - 225.-

WM - 225.-



INVOICE

**Invoice Number** 1878903  
**Invoice Date** January 21, 2022  
**Purchase Order** --  
**Customer Number** 165842  
**Project Number** 227704259

**Bill To**  
 Shingle Creek Watershed Management Commission  
 Judie Anderson  
 3235 Fernbrook Lane  
 Plymouth MN 55447  
 United States

**Please Remit To**  
 Stantec Consulting Services Inc. (SCSI)  
 13980 Collections Center Drive  
 Chicago IL 60693  
 United States

<b>Project</b>	<b>Shingle Creek and West Mississippi Fourth Generation Watershed Management Plan</b>		
Project Manager	Spector, Diane F	Contract Upset	74,706.00
Current Invoice Total (USD)	2,027.75	Amount Billed to Date For Period Ending	28,224.75 <b>December 31, 2021</b>

**Top Task 100 4th Gen Planning Services**

Professional Services

Category/Employee	Current Hours	Rate	Current Amount
Berglund, Katherine Ann (Katy)	2.50	119.00	297.50
Hyams, Aaron Robert	3.00	127.00	381.00
Kemmitt, Kathrine Lee (Katie)	1.75	131.00	229.25
Megow, Erik Robert	2.50	160.00	400.00
Spector, Diane F	4.00	180.00	720.00
<b>Subtotal Professional Services</b>	<u>13.75</u>		<u>2,027.75</u>

Top Task Subtotal 4th Gen Planning Services 2,027.75

**Total Fees & Disbursements** 2,027.75  
**INVOICE TOTAL (USD)** 2,027.75

**Due upon receipt or in accordance with terms of the contract**

SC - 1,419.43  
 WM - 608.32



INVOICE

**Invoice Number** 1878896  
**Invoice Date** January 21, 2022  
**Purchase Order** --  
**Customer Number** 165842  
**Project Number** 227701416

**Bill To**

Shingle Creek Watershed Management Commission  
 Accounts Payable  
 3235 Fernbrook Lane  
 Plymouth MN 55447  
 United States

**Please Remit To**

Stantec Consulting Services Inc. (SCSI)  
 13980 Collections Center Drive  
 Chicago IL 60693  
 United States

<b>Project</b>	<b>B001240-20-216: Crystal Lake Management Plan</b>		
Project Manager	Spector, Diane F	Contract Upset	140,830.00
Current Invoice Total (USD)	215.00	Amount Billed to Date	75,530.60
		For Period Ending	<b>December 31, 2021</b>

**Top Task 104 Semi-annual & Final Report**

**Professional Services**

Category/Employee	Current Hours	Rate	Current Amount
Kemmitt, Kathrine Lee (Katie)	1.50	110.00	165.00
Spector, Diane F	0.25	200.00	50.00
<b>Subtotal Professional Services</b>	<u>1.75</u>		<u>215.00</u>

Top Task Subtotal Semi-annual & Final Report 215.00

**Total Fees & Disbursements** 215.00  
**INVOICE TOTAL (USD)** 215.00

**Due upon receipt or in accordance with terms of the contract**



INVOICE

**Invoice Number** 1878895  
**Invoice Date** January 21, 2022  
**Purchase Order** --  
**Customer Number** 165842  
**Project Number** 227701160

**Bill To**

Shingle Creek Watershed Management Commission  
 Accounts Payable  
 3235 Fernbrook Lane  
 Plymouth MN 55447  
 United States

**Please Remit To**

Stantec Consulting Services Inc. (SCSI)  
 13980 Collections Center Drive  
 Chicago IL 60693  
 United States

<b>Project</b>	<b>B001240-18-200: Bass and Pomerleau Lakes Alum Treatment</b>		
Project Manager	Spector, Diane F	Contract Upset	119,500.00
Current Invoice Total (USD)	1,709.75	Amount Billed to Date	118,365.86
		For Period Ending	<b>December 31, 2021</b>

<b>Top Task</b>	<b>101</b>	<b>Technical Services</b>		
<b>Professional Services</b>				
<b>Category/Employee</b>		<b>Current Hours</b>	<b>Rate</b>	<b>Current Amount</b>
	Spector, Diane F	0.25	198.00	49.50
	<b>Subtotal Professional Services</b>	<u>0.25</u>		<u>49.50</u>
Top Task Subtotal	Technical Services			49.50

<b>Top Task</b>	<b>103</b>	<b>Follow-up Coring</b>		
<b>Professional Services</b>				
<b>Category/Employee</b>		<b>Current Hours</b>	<b>Rate</b>	<b>Current Amount</b>
	Kemmitt, Kathrine Lee (Katie)	0.50	108.00	54.00
	<b>Subtotal Professional Services</b>	<u>0.50</u>		<u>54.00</u>
<b>Disbursements</b>				
	Direct - Subconsultant Expense			1,000.00
	<b>Subtotal Disbursements</b>			<u>1,000.00</u>
Top Task Subtotal	Follow-up Coring			1,054.00

<b>Top Task</b>	<b>104</b>	<b>SAV Surveys and Permitting</b>		
<b>Professional Services</b>				
<b>Category/Employee</b>		<b>Current Hours</b>	<b>Rate</b>	<b>Current Amount</b>
	Omodt, Nicholas D (Nick)	6.25	97.00	606.25
	<b>Subtotal Professional Services</b>	<u>6.25</u>		<u>606.25</u>



INVOICE

Invoice Number	1878895
Invoice Date	January 21, 2022
Purchase Order	--
Customer Number	165842
Project Number	227701160

Top Task Subtotal	SAV Surveys and Permitting	606.25
<b>Total Fees &amp; Disbursements</b>		<b>1,709.75</b>
<b>INVOICE TOTAL (USD)</b>		<b>1,709.75</b>

**Due upon receipt or in accordance with terms of the contract**



INVOICE

**Invoice Number** 1878902  
**Invoice Date** January 21, 2022  
**Purchase Order** --  
**Customer Number** 165842  
**Project Number** 227704180

**Bill To**

Shingle Creek Watershed Management Commission  
 Accounts Payable  
 3235 Fernbrook Lane  
 Plymouth MN 55447  
 United States

**Please Remit To**

Stantec Consulting Services Inc. (SCSI)  
 13980 Collections Center Drive  
 Chicago IL 60693  
 United States

<b>Project</b>	<b>SCWMC - SRP Channel Filter Project</b>		
Project Manager	Spector, Diane F	Contract Upset	46,070.00
Current Invoice Total (USD)	123.75	Amount Billed to Date	23,494.50
		For Period Ending	<b>December 31, 2021</b>

Top Task	300	Final Plans and RFQ		
<u>Professional Services</u>				
Category/Employee		Current Hours	Rate	Current Amount
	Megow, Erik Robert	0.75	165.00	123.75
	<b>Subtotal Professional Services</b>	<u>0.75</u>		<u>123.75</u>
Top Task Subtotal	Final Plans and RFQ			123.75
	<b>Total Fees &amp; Disbursements</b>			<u>123.75</u>
	<b>INVOICE TOTAL (USD)</b>			<b>123.75</b>

**Due upon receipt or in accordance with terms of the contract**



Your Virtual Administrator

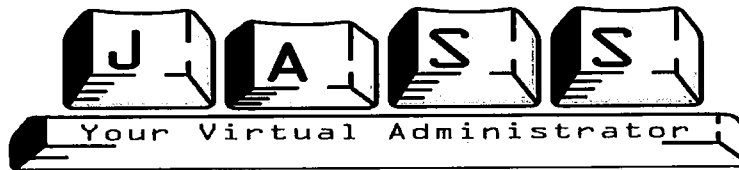
3235 Fernbrook Lane Plymouth MN  
55447

Shingle Creek Watershed Management Commission  
3235 Fernbrook Lane  
Plymouth MN 55447

7-Feb-22

**Re: 2022 WMWA General Expense and Watershed PREP**

Description	Rate	Hours/ No.	Amount	Total
<b>General Expense</b>				
Secretarial	65.00		-	
Administrative	70.00	2.50	175.00	
Administrative - website, Facebook, Twitter	65.00		-	
Offsite, WMWA meetings, Blue Thumb, Watershed Partners, Home Expo, Henn County, city events	75.00	2.00	150.00	
Website hosting, Godaddy renewal	1.00		-	
Reimbursables	1.00	1.23	1.23	
<b>Total General Expense</b>				<b>326.23</b>
<b>Watershed PREP</b>				
Secretarial	60.00		-	
Administrative	65.00		-	
Offsite	70.00		-	
Reimbursables	1.00		-	
<b>Total Watershed PREP</b>				<b>-</b>
<b>Total this invoice</b>				<b>326.23</b>
<b>Partner Share</b>				<b>81.56</b>



3235 Fernbrook Lane  
Plymouth MN 55447

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

February 7, 2022


	Share	G/L	Shingle Creek			West Mississippi			Total Project Area	
									SC	WM
Administrative		53001	0.500	65.00	32.50	0.50	65.00	32.50		
Administrative	70-30	53001		65.00	-		65.00	-		
Administrative	70-30	53001	23.49	70.00	1,151.01		70.00	493.29		
Administrative		53001	9.06	70.00	634.20	6.41	70.00	448.70		
Annual Report		53001		70.00	-		70.00	-		
Admin - Offsite		53001		75.00	-		75.00	-		
Admin - virtual meeting	70-30	53001	2.58	75.00	135.45		75.00	58.05		
Data Proessing/File Mgmt		53001		65.00	-		65.00	-		
Data Proessing/File Mgmt	70-30	53001		70.00	-		70.00	-		
Annual Storage Rental - .14/.11		53001	1.00	43.68	43.68	1.00	34.32	34.32		
Office Support	70-30	53001	12.00	210.00	1,764.00		210.00	756.00		
Data Processing/File Mgmt	70-30	53001		70.00	-		70.00	-		
Archiving		53001		65.00	-		65.00	-		
Admin Reimbursables		53001	279.91	1.00	279.91	0.50	1.00	0.50	4,040.750	1,823.360
Bookkeeping		54022		65.00	-		65.00	-		
Bookkeeping		54022	8.17	70.00	571.90	5.59	70.00	391.30		
Audit Prep		54022		70.00	-		70.00	-	571.900	391.300
Project / WCA Reviews - Admin		53002	0.91	70.00	63.70	1.00	70.00	70.00		
Reimbursable Expenses		53002	9.05	1.00	9.05	2.22	1.00	2.22	72.750	72.220
Website	50-50	57008		65.00	-		65.00	-		
Website	50-50	57008	0.67	70.00	23.45		70.00	23.45		
Education Reimbursables	50-50	57008		1.00	-		1.00	-	23.450	23.450
Engineering Support - Admin		53004		65.00	-		65.00	-		
Engineering Support - Admin		53004	2.50	70.00	175.00		70.00	-		
Engineering Support - Offsite		53004		75.00	-		75.00	-		
Engineering Support - Secre	70-30	53004		65.00	-		65.00	-		
Engineering Support - Admin	70-30	53004	33.65	70.00	1,648.85		70.00	706.65		
Engineering Support -offsite	70-30	53004	5.37	75.00	281.93		75.00	120.83		
Engineering Support Rembursable:	70-30	53004	212.30	1.00	212.30	90.98	1.00	90.98	2,318.075	918.455
					<b>7,026.93</b>			<b>3,228.79</b>	<b>7,026.925</b>	<b>3,228.785</b>



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

	2021 Budget	Jan 2022	Feb 2022	%age YTD	2021 YTD
<b>REVENUE</b>					
Application Fees	18,000			128.89	23,200.00
Member Assessments	153,600	156,200.00		100.00	153,600.00
Interest & Dividend Income	7,000	7.76		1.34	94.00
Miscellaneous Income					-
Transfer to (from) CIPs (see CIP Tracker page)		2,044.34			286,362.65
To (From) Reserve					-
<b>TOTAL REVENUE</b>	<b>178,600</b>	<b>158,252.10</b>	<b>-</b>		<b>463,256.65</b>
<b>EXPENSES</b>					
		2021 Activity	2021 Activity		
<b>ADMINISTRATION</b>					
Administrative Services	30,000	1,968.26	1,823.36	92.06	27,618.12
Engineering Support	5,000	271.02	918.46	59.49	2,974.58
Project Reviews	1,500		72.22	80.47	1,207.09
<b>ENGINEERING</b>					
Administration	31,500	1,767.50	352.50	90.71	28,573.75
Grant Application Writing	1,000			0.00	-
Project Review	30,000	102.50		65.14	19,541.25
<b>LEGAL</b>					
Legal Services	4,000		243.60	77.79	3,111.50
<b>MISCELLANEOUS</b>					
Bookkeeping	3,000	379.40	391.30	106.43	3,192.85
Audit	5,500			81.82	4,500.00
Insurance & Bonding	2,800			80.64	2,258.00
Meeting Expense	2,700			3.32	89.73
<b>PROJECTS</b>					
Volunteer Wetland Monitoring (WHEP)	2,000			0.00	-
Macroinvertebrate Monitoring (River Watch)	0				-
Outfall and Stream Monitoring	22,600	513.13	867.47	50.28	11,362.83
Annual Water Quality Report	8,000	139.05		85.92	6,873.37
<b>Water Quality Education</b>					
Education	15,000	348.75	225.00	93.54	14,030.39
Education 2022			23.45		
Education Grants	500			0.00	-
WMWA General Programs	5,000			60.00	3,000.00
WMWA Implementation/Watershed Prep	6,500			30.77	2,000.00
Rain Garden Workshops	2,000			0.00	-
Management Plan/Amendments	0	4,185.75	608.32		9,114.18
Transfer to (from) CIPs					200.82
Transfer to (from) Grants					35,442.00
To (from) Reserves					-
<b>TOTAL OPERATING EXPENSE</b>	<b>178,600</b>	<b>9,675.36</b>	<b>5,525.68</b>		<b>175,090.46</b>
<b>CASH SUMMARY</b>					
<b>4M Fund Balance at 12/31/20</b>					<b>602,468.51</b>
<b>Plus Revenue Received to Date</b>					<b>619,792.02</b>
<b>Minus Claims Approved to Date</b>					<b>(188,506.53)</b>
<b>Minus Claims Presented Current Month</b>					<b>5,525.68</b>
<b>Fund Balance</b>		<b>1,041,576.57</b>			<b>1,039,279.68</b>

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

<b>Claims Presented</b>	General Ledger Acct No	January	February		
					<b>Total</b>
Kennedy & Graven					<b>243.60</b>
Legal - General	52001		243.60		
Stantec (formerly Wenck)					<b>2,053.29</b>
General Engineering	51001		352.50		
Project Reviews	51002				
4th Generation Plan	51007		608.32		
Education Program	57008		225.00		
Water Monitoring Program	58011		867.47		
Annual Water Quality Report	58002				
Mill Pond Dam Stream Stabilization	70701				
Judie Anderson's Secretarial Service					<b>3,228.79</b>
Administration	53001		1,823.36		
Bookkeeping / Audit Prep	54002		391.30		
Project Review Support	53002		72.22		
Education Programs	57008		23.45		
Engineering Support	53004		918.46		
Engineering Support - CIPs	53004				
Engineering Support - 4th Gen Plan	53007				
<b>Total Claims</b>					<b>5,525.68</b>
					
Judie A Anderson, Deputy Treasurer					

**Kennedy & Graven, Chartered**

150 South Fifth Street, Suite 700  
Minneapolis, MN 55402

(612) 337-9300

41-1225694

January 26, 2022

Statement No. 165946

West Mississippi Watershed Management Commission

JASS - Watershed Administrators  
3235 Fernbrook Lane  
Plymouth, MN 55447

Through December 31, 2021

WE405-00001    General

243.60

**Total Current Billing:** 243.60

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**

150 South Fifth Street, Suite 700  
Minneapolis, MN 55402

West Mississippi Watershed

December 31, 2021

WE405-00001 General

Through December 31, 2021

For All Legal Services As Follows:

Hours

Amount

12/9/2021 T J G Prepare for and participate in meeting

1.20

243.60

**Total Services:**

**\$**

**243.60**

**Total Services and Disbursements: \$**

**243.60**



INVOICE

**Invoice Number** 1878890  
**Invoice Date** January 21, 2022  
**Purchase Order** 227702280  
**Customer Number** 165866  
**Project Number** 227702280

**Bill To**  
 West Mississippi Watershed Management Commission  
 Accounts Payable  
 3235 Fernbrook Lane  
 Plymouth MN 55447  
 United States

**Please Remit To**  
 Stantec Consulting Services Inc. (SCSI)  
 13980 Collections Center Drive  
 Chicago IL 60693  
 United States

<b>Project</b>	<b>B001241-21-500: 2021 General Engineering - West Mississippi</b>		
Project Manager	Matthiesen, Ed	Contract Upset	31,500.00
Current Invoice Total (USD)	352.50	Amount Billed to Date	28,573.75
		For Period Ending	<b>December 31, 2021</b>

**Top Task 100 Professional Services**

**Professional Services**

Category/Employee	Current Hours	Rate	Current Amount
Spector, Diane F	1.25	200.00	250.00
Matthiesen, Edward Armin (Ed)	0.50	205.00	102.50
<b>Subtotal Professional Services</b>	<u>1.75</u>		<u>352.50</u>

Top Task Subtotal Professional Services 352.50

**Total Fees & Disbursements** 352.50  
**INVOICE TOTAL (USD)** 352.50

**Due upon receipt or in accordance with terms of the contract**



INVOICE

**Invoice Number** 1878903  
**Invoice Date** January 21, 2022  
**Purchase Order** ---  
**Customer Number** 165842  
**Project Number** 227704259

**Bill To**

Shingle Creek Watershed Management Commission  
 Judie Anderson  
 3235 Fernbrook Lane  
 Plymouth MN 55447  
 United States

**Please Remit To**

Stantec Consulting Services Inc. (SCSI)  
 13980 Collections Center Drive  
 Chicago IL 60693  
 United States

<b>Project</b>	<b>Shingle Creek and West Mississippi Fourth Generation Watershed Management Plan</b>		
Project Manager	Spector, Diane F	Contract Upset	74,706.00
Current Invoice Total (USD)	2,027.75	Amount Billed to Date	28,224.75
		For Period Ending	<b>December 31, 2021</b>

<b>Top Task</b>	<b>100</b>	<b>4th Gen Planning Services</b>		
<u>Professional Services</u>				
<b>Category/Employee</b>		<b>Current Hours</b>	<b>Rate</b>	<b>Current Amount</b>
	Berglund, Katherine Ann (Katy)	2.50	119.00	297.50
	Hycams, Aaron Robert	3.00	127.00	381.00
	Kemmitt, Kathrine Lee (Katie)	1.75	131.00	229.25
	Megow, Erik Robert	2.50	160.00	400.00
	Spector, Diane F	4.00	180.00	720.00
	<b>Subtotal Professional Services</b>	<u>13.75</u>		<u>2,027.75</u>
<b>Top Task Subtotal</b>	<b>4th Gen Planning Services</b>			<u>2,027.75</u>
	<b>Total Fees &amp; Disbursements</b>			<u>2,027.75</u>
	<b>INVOICE TOTAL (USD)</b>			<u><b>2,027.75</b></u>

Due upon receipt or in accordance with terms of the contract

SC - 1,419.43  
 WM - 608.32



INVOICE

**Invoice Number** 1878898  
**Invoice Date** January 21, 2022  
**Purchase Order** --  
**Customer Number** 165842  
**Project Number** 227702300

**Bill To**

Shingle Creek Watershed Management Commission  
 Accounts Payable  
 3235 Fernbrook Lane  
 Plymouth MN 55447  
 United States

**Please Remit To**

Stantec Consulting Services Inc. (SCSI)  
 13980 Collections Center Drive  
 Chicago IL 60693  
 United States

**Project B001240-21-506: 2021 Education and Outreach**

Project Manager	Spector, Diane F	Contract Upset	28,800.00
Current Invoice Total (USD)	450.00	Amount Billed to Date	28,792.75
		For Period Ending	<b>December 31, 2021</b>

**Top Task 101 General Education**

Professional Services

Category/Employee		Current Hours	Rate	Current Amount
	Spector, Diane F	2.25	200.00	450.00
	<b>Subtotal Professional Services</b>	<u>2.25</u>		<u>450.00</u>

Top Task Subtotal	General Education	450.00
	<b>Total Fees &amp; Disbursements</b>	<u>450.00</u>
	<b>INVOICE TOTAL (USD)</b>	<b>450.00</b>

Due upon receipt or in accordance with terms of the contract

SC - 225.-

WM - 225.-



INVOICE

**Invoice Number** 1878884  
**Invoice Date** January 21, 2022  
**Purchase Order** 227702305  
**Customer Number** 165866  
**Project Number** 227702305

**Bill To**

West Mississippi Watershed Management Commission  
 Accounts Payable  
 3235 Fernbrook Lane  
 Plymouth MN 55447  
 United States

**Please Remit To**

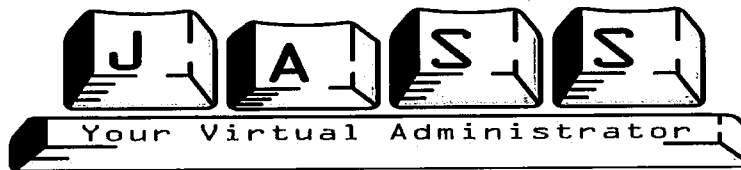
Stantec Consulting Services Inc. (SCSI)  
 13980 Collections Center Drive  
 Chicago IL 60693  
 United States

<b>Project</b>	<b>B001241-21-502: 2021 Monitoring - West Mississippi</b>		
Project Manager	Kemmitt, Katie	Contract Upset	10,600.00
Current Invoice Total (USD)	867.47	Amount Billed to Date	6,249.44
		For Period Ending	<b>December 31, 2021</b>

Top Task	100	Professional Services			
<u>Professional Services</u>					
Category/Employee		Current Hours	Rate	Current Amount	
		Kemmitt, Kathrine Lee (Katie)	3.25	115.00	373.75
		Kraemer, Timothy John (Timmy)	3.00	115.00	345.00
		Dougherty, Conor	1.00	128.00	128.00
		<b>Subtotal Professional Services</b>	<u>7.25</u>		<u>846.75</u>
<b>Disbursements</b>					
		Usage - Vehicle			20.72
		<b>Subtotal Disbursements</b>			<u>20.72</u>
Top Task Subtotal	Professional Services				867.47
		<b>Total Fees &amp; Disbursements</b>			<u>867.47</u>
		<b>INVOICE TOTAL (USD)</b>			<b>867.47</b>

**Due upon receipt or in accordance with terms of the contract**





3235 Fernbrook Lane  
Plymouth MN 55447

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

February 7, 2022

	Share	G/L	Shingle Creek			West Mississippi			Total Project Area	
									SC	WM
Administrative		53001	0.500	65.00	32.50	0.50	65.00	32.50		
Administrative	70-30	53001		65.00	-		65.00	-		
Administrative	70-30	53001	23.49	70.00	1,151.01		70.00	493.29		
Administrative		53001	9.06	70.00	634.20	6.41	70.00	448.70		
Annual Report		53001		70.00	-		70.00	-		
Admin - Offsite		53001		75.00	-		75.00	-		
Admin - virtual meeting	70-30	53001	2.58	75.00	135.45		75.00	58.05		
Data Proessing/File Mgmt		53001		65.00	-		65.00	-		
Data Proessing/File Mgmt	70-30	53001		70.00	-		70.00	-		
Annual Storage Rental - .14/.11		53001	1.00	43.68	43.68	1.00	34.32	34.32		
Office Support	70-30	53001	12.00	210.00	1,764.00		210.00	756.00		
Data Processing/File Mgmt	70-30	53001		70.00	-		70.00	-		
Archiving		53001		65.00	-		65.00	-		
Admin Reimbursables		53001	279.91	1.00	279.91	0.50	1.00	0.50	4,040.750	1,823.360
Bookkeeping		54022		65.00	-		65.00	-		
Bookkeeping		54022	8.17	70.00	571.90	5.59	70.00	391.30		
Audit Prep		54022		70.00	-		70.00	-	571.900	391.300
Project / WCA Reviews - Admin		53002	0.91	70.00	63.70	1.00	70.00	70.00		
Reimbursable Expenses		53002	9.05	1.00	9.05	2.22	1.00	2.22	72.750	72.220
Website	50-50	57008		65.00	-		65.00	-		
Website	50-50	57008	0.67	70.00	23.45		70.00	23.45		
Education Reimbursables	50-50	57008		1.00	-		1.00	-	23.450	23.450
Engineering Support - Admin		53004		65.00	-		65.00	-		
Engineering Support - Admin		53004	2.50	70.00	175.00		70.00	-		
Engineering Support - Offsite		53004		75.00	-		75.00	-		
Engineering Support - Secre	70-30	53004		65.00	-		65.00	-		
Engineering Support - Admin	70-30	53004	33.65	70.00	1,648.85		70.00	706.65		
Engineering Support -offsite	70-30	53004	5.37	75.00	281.93		75.00	120.83		
Engineering Support Rembursable:	70-30	53004	212.30	1.00	212.30	90.98	1.00	90.98	2,318.075	918.455
					<b>7,026.93</b>			<b>3,228.79</b>	<b>7,026.925</b>	<b>3,228.785</b>

**To:** Shingle Creek/West Mississippi WMO TAC/Commissioners

**From:** Ed Matthiesen, P.E.  
Diane Spector  
Katie Kemmitt

**Date:** February 9<sup>th</sup>, 2022

**Subject:** Bass Lake Vegetation Improvements Conservation Partners Legacy Grant Application

<b>Recommended TAC Action</b>	For review and discussion.
-------------------------------	----------------------------

At the January 2022 Commission meeting staff was directed to move forward with a DNR Conservation Partners Legacy Grant application to fund aquatic vegetation transplants to Bass Lake. Conservation Partners Legacy Grants fund conservation projects that restore, enhance, or protect forests, wetlands, prairies, and habitat for fish, game, and wildlife in Minnesota. Staff have begun writing the Bass Lake grant application with a focus on the habitat improvements that will be made in the lake. Attached is the evaluation criteria table used to score applications and the current state of the grant application text as of February 4<sup>th</sup>, 2022. Staff is in the process of obtaining Letters of Support from the City of Plymouth and the Bass Lake Improvement Association to accompany the grant application.

A budget for the project is below (Table 1). A 10% match will be required and will be provided by a combination of Bass Lake Improvement Association in-kind labor and cash match from the reserve funds left over from the Bass and Pomerleau Lakes alum treatment project. The grant request will be \$22,402 minimum of \$2,489 will be required for match.

Table 1. Budget for Bass Lake vegetation improvements.

Task	Env Sci 1	Env Sci 2	Intern	PM	Equipment & Software	Mileage	Lodging/meals	TOTAL
Permitting and coordination	8	6		0.5				\$ 1,829.5
Field prep	2	2	6		500			\$ 1,560.0
Travel time	1.5	1.5				75		\$ 428.3
Field plant collection and translocation	30	30	30			40		\$ 10,290.0
2022 effectiveness monitoring	12		12			64		\$ 2,664.0

2023 effectiveness monitoring	20		20		\$ 200.00	112		\$ 4,644.0
Reporting	8	4	0	1				\$ 1,675.0
PM	1	12	2	0				\$ 1,800.0
							<b>TOTAL</b>	\$ 24,890.8

DRAFT

## Conservation Partners Legacy Grant Program

### Evaluation Criteria Table

Applications are scored based on the 6 criteria listed below, using only the information provided within the application. Applicants should be sure their applications contain enough information for reviewers to consider all 6 criteria. Information may be provided on the Project Summary page of the application, or specifically requested on the Project Information page.

<b>1</b>	<b>Overall Project Value</b>	
	Critical habitat corridor; habitat quality/quantity	Amount, quality, and/or connectivity of habitat restored, protected and/or enhanced
	Consistent with current conservation science	Project use of currently accepted science and methods, increased efficiency and life expectancy of work completed
	Sustainability	Overall life expectancy of project
	Use of native plants	Use of local ecotype, native vegetation in form of seed, seedlings, root stock, etc.
<b>2</b>	<b>Applicant Performance</b>	
	Encouragement of local conservation culture	Applicant's past activities with local community in regards to conservation
	Collaboration and local support	Applicant's current interaction with other groups or agencies; current application support by multiple entities
	Capacity to successfully complete work	Applicant's history of receiving and successfully completing conservation work and grants
<b>3</b>	<b>Project Benefits</b>	
	Multiple benefits	Multiple or diverse species benefits; project directly improves intended species, indirect benefit to others
	Habitat benefits	Multiple or diverse habitat benefits; project directly improves intended habitat, indirect benefit to others
<b>4</b>	<b>Public Benefits</b>	
	Adjacent to protected lands	Project site(s) proximity to current protected land (public or private)
	Public access	Project site(s) availability for hunting, fishing, and other wildlife-based recreation
<b>5</b>	<b>Financial Assessment</b>	
	Full funding of project	All costs are identified and accounted for; all partners have submitted letters committing funds
	Supplements existing funding	Project would not be completed without CPL funding; CPL does not replace traditional sources of funding
	Budget and cost effectiveness	Project is succinct- no unnecessary costs or work has been added; costs are relative to location of project
<b>6</b>	<b>Urgency</b>	
	Urgency	Funding importance at this time: species or opportunity potentially lost

**Provide a clear, concise summary of what your proposal is about. This summary will be used to describe your project to reviewers and other parties.**

A healthy, diverse submersed native vegetation community will be restored in Bass Lake in Plymouth, Minnesota. The lake is a public water in the Shingle Creek Watershed and is actively managed by the Watershed, the City, and the Bass Lake Improvement Association (BLIA). The Watershed, in partnership with the DNR and the BLIA, will use DNR techniques for transplanting and monitoring local, native aquatic vegetation to restore the lake's vegetation community. The restored vegetation community will support a healthy shallow lake that provides key habitat, food sources, and cover for both aquatic organisms, waterfowl and other birds, and other animals.

**Describe the specific need or problem that is being addressed, why it is important, how it was identified, and what is affected by it. Include any facts or statistics that support it, and a pre-project description of the site(s).**

Shallow lakes exist in alternative stable states where the clear water, biologically diverse state is dominated by emergent and submersed aquatic vegetation and the turbid, low diversity state is dominated by algae. A healthy aquatic vegetation community provides cover and nesting material for birds; seeds and tubers to feed waterfowl; cover and habitat for invertebrates and other animals; structure for emerging insects; and more. Robust, diverse aquatic vegetation is key to establishing a balanced shallow lake ecosystem that can support healthy fish and other wildlife communities and benefit humans alike.

Bass Lake is 175-acre, shallow lake in Plymouth, Minnesota. The aquatic habitat of the lake has been significantly affected by development of the watershed. Excessive nutrient loading caused summertime algae blooms that decreased water quality, reduced light availability to submersed aquatic vegetation, and created low oxygen conditions in the lake. The lake was listed on the State's 303(d) list in 2002 as an impaired water for excess nutrients. In 2018, active management to improve the lake ecosystem began. Aluminum sulfate treatments were applied to the lake in 2019 and 2020 and the City has implemented BMPs to reduce watershed nutrient loads. These actions have resulted in restored water quality in the lake. Total phosphorus, chlorophyll-a, and Secchi depth measurements are now meeting water quality standards. Water quality metrics in 2021 were the best on-record. Despite improvements in water quality, the aquatic vegetation community of Bass Lake is limited in its extent and diversity. The aquatic invasive species (AIS) curly leaf pondweed (CLP) covers a large area of the lake in spring, with as high as 61% frequency of occurrence at sampled points, outcompeting native vegetation. In late summer, the vegetation community is dominated by coontail, and in 2021 only 62% points sampled within the littoral area had vegetation growth. In recent years aquatic species diversity in the lake has been as low as 7 species.

**Explain the expected results and benefits of the project. List specific, measurable results that you expect to accomplish. Specifically provide information on any and all habitat benefits of the project, and how the budget is cost effective. Indicate if site is adjacent to protected land and if there are multiple benefits resulting from the project.**

The proposed project will benefit fish and wildlife habitat of Bass Lake, increasing the number of native aquatic species in the lake and supporting the clear water state. After vegetation transplanting on Bass

Lake, littoral plan frequency is expected to increase to near 100%, a desirable goal for a healthy, shallow lake. Floristic Quality Index (FQI), a community metric used to score the health of the vegetation community, will consistently meet the suggested DNR standard of 17.8. Aquatic species diversity will consistently exceed historic data and meet the suggested DNR standard of 11 species.

Restoring the native vegetation community has multiple benefits, including providing valuable habitat for suburban wildlife. Restored vegetation community will have indirect benefits of supporting good water quality in the lake for wildlife and lake users, and will provide needed shoreline protection, reducing shoreline erosion from wind and boat use.

Bass Lake is adjacent to over 56 acres of City of Plymouth park. The park has a large, popular fishing pier and the park is available to the community for hiking, birdwatching, fishing, swimming, and more. The lake is less than a half mile from Eagle Lake Regional Park and Eagle and Pike Lakes, which both have shoreline areas designated as Ecologically Significant Areas. Increasing good habitat near these Significant Areas is key to creating habitat corridors in developed areas.

**Describe in detail the activities that will take place in order to achieve the desired results and WHY you have chosen them. Include methods, materials, and who will do the work.**

The Watershed has already been working closely with the DNR, the Bass Lake Improvement Association, and the City to organize management activities. Completion of this project will rely on grant dollars and this partnership.

Summer 2022: Native, desirable vegetation species will be introduced to Bass Lake from a to-be-determined donor lake on two occasions in 2022. The purpose of native plant introduction is to increase the diversity and robustness of the plant community in Bass Lake. Vegetation harvesting from the donor lake will occur in mid and late summer and will involve Watershed staff, the BLIA, and the DNR Invasive Species Program specialists. The Watershed will follow the DNR's In-Lake Aquatic Plant Restoration Guidance (2022) for harvesting and transplanting techniques. Desirable vegetation species will be fixed to biodegradable material (coconut fiber, burlap, etc.) and fixed to the lake bottom in fence enclosures. Fence enclosures will prevent herbivory by turtles, muskrats, and other animals and allow for accurate monitoring of vegetation survival. Between the first and second transplant event, the Watershed will complete biweekly monitoring of stem counts. Following the second event, Watershed staff will continue biweekly monitoring until not feasible.

Spring/Early Summer 2023: As soon as ice-out, Watershed staff will return to the lake to assess the overwintering of enclosures. Necessary repairs will be made.

Late Summer 2023: Watershed staff will complete a point-intercept aquatic vegetation survey, including biovolume estimates collected with sonar data, according to established DNR methods to document any changes to the lake's vegetation community and spread.

**Describe your organization's ability to successfully complete this work, including experience in the area of interest and ability to successfully implement the proposed project. Include descriptions of your most recent grant experience and if the expected outcomes were achieved.**

The Shingle Creek Watershed District has been actively managing Bass Lake for improved water quality for the last 4 years and has been monitoring the lake for over X AMOUNT OF TIME. The Watershed has worked with the City of Plymouth to implement watershed BMPs to support better water quality in the lake. The Watershed has performed 7 aquatic vegetation surveys on Bass Lake, delineated for CLP many times, and coordinated herbicide applications for control of CLP. They have worked closely with the residents of the lake to cooperatively manage lake vegetation. Alum treatments on Bass Lake were funded by a BWSR Clean Water Fund grant. Reduced internal loading through alum applications was successfully achieved under the grant, and the lake is experiencing the best water quality on-record as a result.

In 2021, the Watershed in partnership with the City, received an additional Clean Water Fund grant to complete a stream restoration and BMPs installation project on Palmer Creek, a tributary to Bass Lake. The goal of the project is to reduce nutrients and sediment flowing into Bass Lake from the creek, improving aquatic habitat for fish and waterfowl.

The Watershed is currently working on the Crystal Lake Management Plan, a 319 grant administered by the PCA. Over 30% of the lake’s estimated carp population has been removed using standard carp removal techniques, and one dose of an alum treatment has been applied. The Watershed works closely with the PCA to submit progress reports through the duration of the project.

**How will your organization directly involve, engage, and benefit BIPOC (Black, Indigenous, People of Color) and diverse communities with this project or through other activities?**

While the project does not directly impact the BIPOC and other diverse communities locally or in the city, Timber Shores Park is adjacent to Bass Lake and has over 1.1 miles of public trail, parking, restrooms, play equipment, and a fishing pier. The park can be enjoyed by anyone in the community. The City of Plymouth is committed to reaching out to all residents, property owners, and visitors to its community using a variety of communication methods and opportunities and will include information about this project in those efforts. It is unknown at this time if the BIPOC or other diverse communities are represented on the lake association.

**Project Timeline**

<b>Time Frame (month, season, and/or year)</b>	<b>Goal</b>
June/July 2022	Complete one harvest and planting event with assistance from DNR and BLIA
July/August	Complete biweekly monitoring of enclosures
September	Complete second harvest and planting event with assistance from DNR and BLIA
June 2023	Assess overwintering of enclosures
August 2023	Complete point-intercept and biovolume lake vegetation survey to assess success of transplantings