



Bassett Creek Watershed Management Commission

A g e n d a

11:30 a.m., Thursday, July 15, 2010

Golden Valley City Hall – 7800 Golden Valley Road, Golden Valley 55427

1. CALL TO ORDER
2. APPROVAL OF AGENDA AND CONSENT AGENDA - Items marked with an asterisk (*) will be acted on by consent with one motion unless a commissioner requests the item be removed from the consent agenda.
3. CITIZEN INPUT ON NON-AGENDA ITEMS
4. ADMINISTRATION
 - A. Presentation of June 17, 2010, Meeting Minutes *
 - B. Presentation of Financial Statements *
 - C. Presentation of Invoices for Payment Approval
 - i. Kennedy & Graven – Legal Services thru May 31, 2010
 - ii. Barr Engineering – Engineering Services thru June 25, 2010
 - iii. Watershed Consulting, LLC – Geoff Nash Administrator Services thru June 30, 2010
 - iv. Amy Herbert – June Administrative Services
 - v. D'amico Catering - July 2010 Meeting Catering
 - vi. MMKR – Audit Final Billing Through May 31, 2010
 - vii. Prairie Moon Nursery – Seed Packets
 - viii. Pauline Langsdorf – Printing Reimbursements – Education and Public Outreach
5. NEW BUSINESS
 - A. Update on the 2011 Clean Water Grant Program (*see Barr memo*)
 - B. Discussion Regarding CIP Project NL-2: Dredge Pond NB-07 (Northwood Lake improvement project) (*see letter from City of Plymouth*)
6. OLD BUSINESS
 - A. Status of City of Medicine Lake's Response to BCWMC's Comments on City's LWMP (*see final BCWMC's comments sent to City*)
 - B. TAC Recommendations (*see TAC memo*)
 - i. Planning for the BCWMC's Next Generation Plan
 - ii. Standardization of Water Quality Data Collection and Stormwater Modeling
 - iii. Potential Gaps in the BCWMC's Non-degradation Requirements
 - iv. TAC's Next Meeting
 - C. TMDL Updates:
 - i. Wirth Lake TMDL (*verbal update*)
 - ii. Sweeney Lake TMDL (*verbal update*)
 - D. Weir on Sweeney Lake (*see Barr memo*)
 - E. Mississippi Watershed Management Organization Plan Review (*see Barr memo*)
7. COMMUNICATIONS
 - A. Chair
 - B. Administrator
 - C. Commissioners
 - D. Committees
 - E. Counsel *
 - F. Engineer
8. INFORMATION ONLY
 - A. Administrative Reviews and Erosion Inspections (*see Barr memo*)
9. ADJOURNMENT

Bassett Creek Watershed Management Commission

Minutes of the Meeting of June 17, 2010

1. Call to Order

The Bassett Creek Watershed Management Commission (BCWMC) was called to order at 11:35 a.m., Thursday, June 17, 2010, at Golden Valley City Hall by Chair Loomis. Ms. Herbert conducted roll call.

Roll Call

<i>Crystal</i>	Commissioner Pauline Langsdorf, Secretary	<i>Administrator</i>	Geoff Nash
<i>Golden Valley</i>	Commissioner Linda Loomis, Chair	<i>Counsel</i>	Charlie LeFevere
<i>Medicine Lake</i>	Alternate Commissioner Ted Hoshal	<i>Engineer</i>	Karen Chandler
<i>Minneapolis</i>	<i>Not represented</i>	<i>Recorder</i>	Amy Herbert
<i>Minnetonka</i>	<i>Not represented</i>		
<i>New Hope</i>	Alternate Commissioner Al Sarvi		
<i>Plymouth</i>	Commissioner Ginny Black, Vice Chair		
<i>Robbinsdale</i>	<i>Not represented</i>		
<i>St. Louis Park</i>	Commissioner Jim deLambert		

Arrived after roll call: Minneapolis Commissioner Michael Welch, Treasurer; New Hope Commissioner John Elder

Also present: Laura Adler, BCWMC Technical Advisory Committee, City of St. Louis Park
Derek Asche, BCWMC Technical Advisory Committee, City of Plymouth
Jack Frost, Metropolitan Council Environmental Services
Gerald Klitz, Sweeney Lakeshore Owners Association
Tom Mathisen, BCWMC Technical Advisory Committee, City of Crystal
Richard McCoy, BCWMC Technical Advisory Committee, City of Robbinsdale
Jeff Oliver, BCWMC Technical Advisory Committee, City of Golden Valley
Al Sarvi, Alternate Commissioner, City of New Hope
Stu Stockhaus, Alternate Commissioner, City of Crystal
Liz Stout, BCWMC Technical Advisory Committee, City of Minnetonka
Liz Thornton, Alternate Commissioner, City of Plymouth
Bill Wilson, Sweeney Lakeshore Owners Association

2. Approval of Agenda and Consent Agenda

Chair Loomis requested the addition of agenda item 6H – An update/ timeline on the BCWMC's Major Plan Amendment request. Commissioner Black moved to approve the agenda as amended. Commissioner deLambert seconded the motion. The motion carried unanimously with six votes in favor [Cities of Minneapolis, Minnetonka, and Robbinsdale absent from vote].

Commissioner Black moved to approve the Consent Agenda, which included the presentation and approval of the May 20, 2010, minutes, the June 2010 financial report, and the communications from the BCWMC's Counsel. Alternate Commissioner Hoshal seconded the motion. The motion carried unanimously with six votes in favor [Cities of Minneapolis, Minnetonka, and Robbinsdale absent from vote].

3. Citizen Input on Non-Agenda Items

No citizen input on non-agenda items. Meeting attendees Bill Wilson and Gerald Klitz introduced

themselves as members of the Sweeney Lakeshore Owners Association.

4. Administration

- A. Presentation of the May 20, 2010, BCWMC meeting minutes. Approved under the Consent Agenda.
- B. Presentation of the Financial Statement. Approved under the Consent Agenda.

The general and construction account balances as reported in the June 2010 Financial Report:

<u>Checking Account Balance</u>	<u>624,560.69</u>
<i>TOTAL GENERAL FUND BALANCE</i>	<i>624,560.69</i>
Construction Account Cash Balance	2,057,049.20
Investment due 10/18/2010	533,957.50
Investment due 1/21/2015	500,000.00
<u>TOTAL CONSTRUCTION ACCOUNT BALANCE</u>	<u>3,091,006.70</u>
<u>-Less: Reserved for CIP projects</u>	<u>2,755,077.52</u>
<i>Construction cash/ investments available for projects</i>	<i>335,929.18</i>

[Commissioner Elder arrived.]

- C. Presentation of Invoices for Payment Approval.

Invoices:

- i. Kennedy & Graven – Legal Services through April 30, 2010 - invoice for the amount of \$2,055.95.
- ii. Barr Engineering Company – Engineering Services through May 28, 2010 - invoice for the amount of \$39,307.10.
- iii. Watershed Consulting, LLC – Administrator Services through May 31, 2010 – invoice for the amount of \$2,537.68.
- iv. Amy Herbert – May Administrative Services - invoice for the amount of \$4,071.24.
- v. D'amico Catering – June 2010 meeting catering – invoice for the amount of \$316.68.
- vi. Hennepin County Environmental Services – 2009 participation in River Watch - invoice for the amount of \$2,000.00.
- vii. MMKR – Audit Services – Fourth progress billing – invoice for the amount of \$2,500.

Commissioner Black moved to approve the payment of all invoices. Commissioner Langsdorf seconded the motion. By call of roll, the motion carried unanimously with six votes in favor. [Cities of Minneapolis, Minnetonka, and Robbinsdale absent from vote].

- D. Approval of the BCWMC's Annual Liability Insurance Renewal and Motion to Waive or

Not Waive the Monetary Limits on Municipal Tort Liability. Commissioner Black moved to approve the renewal of the BCWMC's liability coverage with the liability cap. Commissioner Elder seconded the motion. The motion carried unanimously with six votes in favor. [Cities of Minneapolis, Minnetonka, and Robbinsdale absent from vote].

5. New Business

- A. **General Mills Pedestrian Bridge: Golden Valley.** Ms. Chandler explained that the project is proposed by the City of Golden Valley and is located on the Main Stem of Bassett Creek and on General Mills property. She stated that the project includes the construction of a new pedestrian bridge approximately 100 feet upstream of a failing pedestrian bridge, which would be removed. She explained that the low elevation of the new bridge would not be in the floodplain but the project is coming before the Commission because work on the existing bridge, the new bridge, and trail modifications would occur in the floodplain. Ms. Chandler said the Commission Engineer recommends approval of the project.

Commissioner Langsdorf moved to approve the permit. Commissioner Black seconded the motion. The motion carried unanimously with six votes in favor [Cities of Minneapolis, Minnetonka, and Robbinsdale absent from vote].

- B. **Request from City of Medicine Lake to Conduct Hydrologic/ Hydraulic Analysis and Environmental Assessment of the Medicine Lake Dam at Bassett Creek.** Alternate Commissioner Hoshal reported that the City of Medicine Lake City Council wanted to investigate issues regarding the lake level of Medicine Lake beyond the previous information provided by the BCWMC through its Commission Engineer. He summarized the three possibilities that the City proposed. Alternate Commissioner Hoshal explained that the City of Medicine Lake is asking the BCWMC to consider and respond to the City as to what action the BCWMC is willing to do to satisfy the Medicine Lake City Council, members of the Association of Medicine Lake Area Citizens (AMLAC), and residents of the City of Plymouth regarding the water level of Medicine Lake.

Commissioner Black asked Alternate Commissioner Hoshal what value there would be in collecting more data on the water flow and rate out of the lake. Alternate Commissioner Hoshal responded that the data would help develop and support a City response to inquiries from residents about the water level of the lake. Administrator Nash commented that the cost of installing a transducer to collect data would likely be less than \$1,000. Ms. Chandler remarked that Barr Engineering could provide an approximate answer to the City's questions regarding how much water is flowing out of Medicine Lake and how often if Barr utilized data already collected but the data may not be as comprehensive as what the City is requesting.

Mr. Mathisen commented that the level of a lake is set by the Department of Natural Resources (DNR) for various reasons and that there is only so much bounce in a lake before low properties are flooded out. He remarked that perhaps the issue is a public education issue.

Alternate Commissioner Hoshal said it would be helpful to have someone from the Commission to come meet with the Medicine Lake City Council.

Commissioner Black moved to approve the direction to the Commission Engineer to attend a meeting of the Medicine Lake City Council and to be prepared to provide ballpark costs of different actions. Commissioner Elder seconded the motion. The motion carried unanimously with five votes in favor [City of Medicine Lake abstained from the vote. Cities of Minneapolis, Minnetonka, and Robbinsdale absent from vote]. Commissioner Black requested that she get notified of the date of the City Council meeting that the Engineer will be attending. Commissioner

Elder recommended that the responsibility should be on the City of Medicine Lake to bring the issue in front of the Commission again if the City so chooses. Alternate Commissioner Ted Hoshal volunteered to contact Commission Engineer Karen Chandler and Commissioner Black regarding the date of the City of Medicine Lake's City Council meeting.

6. Old Business

- A. **Medicine Lake Local Water Management Plan.** Ms. Chandler commented that she reviewed the Plan and compared it with the BCWMC's requirements. She said that her memo included in the meeting packet provides the details of the review. She explained that the items listed in bold font were the items that the BCWMC either requires or recommends that the City revise. Ms. Chandler said that page one of the memo includes a summary of the three most significant issues:

- The need for a discussion of structures located within the FEMA floodplain
- Clarification of the review/permitting roles of the City and BCWMC, including references to the BCWMC's *Requirements for Improvements and Development Proposals*.
- The need for the City to develop an erosion and sediment control ordinance or to incorporate similar controls into other City ordinances.

Ms. Chandler reported that she sent a draft of the review to the consultant preparing the Plan for the City of Medicine Lake. She reported that the consultant responded that all of the issues raised by the BCWMC could be addressed.

Chair Loomis stated that Commissioner Harper-Lore had conveyed a concern regarding the City's lack of an erosion and sediment control ordinance and would like the Commission to find out where the City is in its process to develop such an ordinance. Alternate Commissioner Hoshal said that the City would certainly be able to investigate and follow up on that issue. Commissioner Black moved to forward the comments prepared by the Commission Engineer regarding the City of Medicine Lake's LWMP to the City and to communicate that the BCWMC would like the City to develop an erosion and sediment control ordinance by sometime in 2011. Commissioner Elder seconded the motion. Alternate Commissioner Hoshal remarked that on item 17 in the memo there should be a reference to both 100-year floodplain elevations. Ms. Chandler said that the Commission Engineer would make that change. The motion carried unanimously with six votes in favor [Cities of Minneapolis, Minnetonka, and Robbinsdale absent from vote].

- B. **Weir on Sweeney Lake.** Ms. Chandler reported that the BCWMC received a letter from the Department of Natural Resources (DNR) regarding what work could and could not take place at the weir without a DNR permit. She said that Commission staff and City of Golden Valley staff will meet next week to discuss what should be done with the outlet.

[Commissioner Welch arrived.]

- C. **Approval of BCWMC's Draft 2011 Budget.** Commissioner Welch directed Ms. Chandler to follow up with Sue Virnig regarding the financial recording of a disbursement to the City of Plymouth in March 2009 from the Channel Maintenance Fund. Ms. Langsdorf reported that the Education Committee requested a revision to the Budget and Levy narrative to reflect the division of the funds budgeted for the BCWMC's participation in the West Metro Watershed Alliance's (WMWA) project costs versus administrative costs. She said the correct budget figure for the BCWMC's 2011 portion of WMWA's administrative costs is \$2,000 and is part of the BCWMC's Watershed Education Partnerships budget. She said the correct budget figure for the BCWMC's 2011 portion of the WMWA's project costs is \$1,000 and is part of the BCWMC's Education and Public Outreach budget. Ms. Chandler requested the removal of the footnotes in the 2009 and 2010 columns. Commissioner Welch moved to approve the budget and the budget and levy

narrative with the revisions noted by Commissioner Langsdorf and Ms. Chandler. Commissioner Black seconded the motion. The motion carried unanimously with seven votes in favor [Cities of Minnetonka and Robbinsdale absent from vote].

D. TAC Recommendations.

- i. **CIP Work Group.** Mr. Mathisen reported that Richard McCoy, the Robbinsdale TAC representative, will be the third TAC member on the CIP Work Group, joining Jeff Oliver and Derek Asche.
- ii. **RFP Process for BCWMC's Non-Plan Review Work Including Establishing a Consultant Pool.** Mr. Mathisen reported that the TAC recommended that if the BCWMC wants to set up an RFP process for TMDL studies, feasibility studies or other special projects then the Commission should consider setting up a threshold project cost such as \$25,000, under which projects would not be subject to the RFP process. He explained that the recommendation is based on the idea that there are time and costs associated with an RFP process.

Mr. Mathisen reported that the TAC recommended developing a scoring process that the TAC would then use to select a candidate. He explained that the TAC felt it could invite a select number of engineering firms to receive project RFPs without limiting the selection to a pool of pre-qualified firms.

Commissioner Welch requested that Barr Engineering identify the number of special, non-operating projects or studies that Barr conducted for the BCWMC in 2009 and the costs associated with that work. Commissioner Black moved that the TAC's recommendations go to the Administrative Services Committee for development into a policy proposal. Commissioner Welch seconded the motion and clarified that the motion included that the Committee would receive the requested input from Barr Engineering. The motion carried unanimously with seven votes in favor [Cities of Minnetonka and Robbinsdale absent from vote].

- iii. **Use of Channel Maintenance Funds for Maintenance of CIP Channel Restoration Projects.** Mr. Mathisen reported that there are many shorter reaches outside of the CIP projects that need restoration and that the larger projects also need ongoing maintenance work. He said that the Channel Maintenance Fund likely will be utilized in the future even more than in the past. Mr. Mathisen remarked that regarding the maintenance of the CIP restoration projects the TAC didn't see any difference between maintenance of completed CIP restoration projects and maintenance of other streambanks in the watershed and therefore the TAC didn't see the need to define the projects differently. He said that the TAC felt that the cities could make their own determinations regarding which restoration projects they submitted for channel maintenance funds.
- iv. **Recommended Changes to the BCWMC's Next Generation Plan.** Mr. Mathisen commented that the TAC reviewed some historical documents from Mr. Kremer of Barr that documented issues brought up by the cities and stakeholders at the time of the revised Watershed Management Plan. Mr. Mathisen said that the TAC thought the historical list would be the starting point for issues that may need to be addressed in the Plan. He said that the TAC and the cities could update the list. Commissioner Welch commented that the Commission should work closely with the TAC to identify the issues and to frame the plan so that the Commission understands it. Commissioner Welch requested an electronic copy of the information put together by Mr. Kremer. Ms. Chandler said Barr would forward the information to Ms. Herbert who could forward the information on to Commissioner Welch. Commissioner Black and Commissioner deLambert volunteered to be the liaisons

for the June 30th TAC meeting. The Commission directed the TAC to discuss at its June 30th meeting:

1. The BCWMC's next generation plan;
2. Standardization of data collection, models, and results for collaboration between agencies; and,
3. Gaps in the BCWMC's non-degradation plan.

E. TMDL Updates:

- i. **Sweeney Lake TMDL.** Administrator Nash reported that Ron Leaf of SEH, Inc. communicated that the latest version of the Sweeney Lake TMDL and the cover letter would be sent to Brooke Asleson of the MPCA next Tuesday at the very latest.
- ii. **Medicine Lake TMDL.** Ms. Chandler said the BCWMC's comments went to Brooke Asleson in the end of May.
- iii. **Wirth Lake TMDL.** Administrator Nash reported that Ms. Asleson communicated that the MPCA had received comments on the TMDL from Mn/DOT and that she was surprised that the comments included issues that she had thought had been worked out in the stakeholder meetings. He reported that Ms. Asleson was planning to contact Mn/DOT about the comments. Administrator Nash said he would e-mail a copy of the Mn/DOT comments to the Commission. Chair Loomis reminded the Commission that there is a public meeting about the Wirth Lake TMDL on June 24th at 5:30 p.m. at the Wirth Chalet. Commissioner Elder volunteered to attend the meeting as the Commission liaison.

F. Update on 2010 Clean Water Fund Grant for Plymouth Creek and Bassett Main Stem Restoration Projects. Ms. Chandler reported that the Commission Engineer will be submitting one more piece of information to BWSR for the work plan.

G. Education Committee.

- i. **Approval of Agreement for Administrative Services for WMWA (West Metro Watershed Alliance).** Commissioner Welch recommended a change in wording to the agreement to clarify that the costs to the Commission would not exceed \$2,000 per calendar year. Commissioner Black moved to approve entering into the agreement with the change requested by Commissioner Welch. Commissioner Welch seconded the motion. The motion carried unanimously with seven votes in favor [Cities of Minnetonka and Robbinsdale absent from vote]. The Commission designated Administrator Nash to be the BCWMC's official contact person for the WMWA.
- ii. **Approval of Education and Public Outreach Expenditures for Documenting Oral History of the BCWMC and the Bassett Creek Watershed.** The Education and Public Outreach Committee decided to discuss this issue further within the Committee and to bring it back to the Commission at a future meeting. Ms. Langsdorf announced that the Committee's next meeting will be in the Golden Valley City Hall's Council Conference Room on July 15th at 8:30 a.m.
- iii. **Update on the WMWA (West Metro Watershed Alliance) Education and Outreach Plan.** Ms. Langsdorf reported that the plan has been completed and is included in the meeting packet for the Commission's information. She announced that the next WMWA meeting is on July 13th at 8:30 a.m. in Plymouth City Hall.

- H. **BCWMC's Major Plan Amendment Request – Update/ Timeline.** Chair Loomis reported that the Commission needs to authorize staff to public notice both the August public hearing regarding the proposed Major Plan Amendment and the September public hearing regarding ordering the proposed projects. She explained that the Commission also needs to authorize technical staff to attend Hennepin County's public hearing next month, at the County's request, and due to BWSR's schedule regarding the major plan amendment request, the BCWMC should move its September meeting to September 23rd, which is the fourth Thursday of September. Commissioner Welch moved to approve the authorization of staff to notice the hearings, to attend the Hennepin County hearing, and to change the BCWMC's September meeting to the fourth Thursday of the month, which is September 23rd. Commissioner Black seconded the motion. The motion carried unanimously with seven votes in favor [Cities of Minnetonka and Robbinsdale absent from vote].

7. Communications

A. Chair:

- i. Chair Loomis reported that the BCWMC received the contract from the Metropolitan Council regarding participating in the 2010 CAMP program and since the BCWMC has approved its participation, the execution of the contract would be handled administratively.
- ii. Chair Loomis reported that Minnehaha Creek Watershed District is holding a workshop on July 14th on Shorelines and Stormwaters: Protecting lakes and creeks.
- iii. Chair Loomis stated that BWSR is holding its BWSR academy October 26th – 28th.
- iv. Chair Loomis commented that the grants that the BCWMC received from Hennepin County will not be available in 2011 because the state legislature didn't authorize those funds this year.

B. Administrator:

- i. Administrator Nash reported that the CIP Work Group met on June 10th. He stated that he will be working with the Commission Engineer to merge the CIP with the TMDL implementation projects.
- ii. Administrator Nash stated that he will have a working draft of the policy manual by June 30th.
- iii. Administrator Nash reported that the Administrative Services Committee met on June 14th and identified his priorities as the CIP, the TMDLs, Policies, and Planning, including budgeting and next generation planning.
- iv. Administrator Nash reported that he and Barr Engineering are collecting quotes for water quality sampling and analysis for the BCWMC's 2011 water quality monitoring of Crane and Westwood lakes. He said he is waiting to hear back from the Metropolitan Council Environmental Services and will continue to communicate to Barr about the quotes. Commissioner Welch recommended that Administrator Nash contact Dr. Udai Singh at Minnehaha Creek Watershed District.
- v. Administrator Nash announced that he forwarded to the Commission an e-mail with a letter from the DNR to the Minnehaha Creek Watershed District providing an extension to its general permit.

- vi. Administrator Nash reported that this year the AmeriCorps program is offering a GreenCorps program offering volunteers for an 11-month stint in the area of stormwater. The Commission discussed the idea and decided not to proceed.

C. Commissioners:

- i. Commissioner Black reported that she participated in a Webinar from the Center for Watershed Protection regarding a watershed treatment model used for tracking results. She left a copy of the notes with Administrator Nash.
- ii. Alternate Commissioner Hoshal mentioned his e-mail to the Commission regarding the Conservation Minnesota rating of Medicine Lake and commented that he thought the rating painted a wrong picture of the lake. Commissioner Black said she looked at the Conservation Minnesota Web site and couldn't find a date on its rankings or its criteria. Commissioner Welch commented that he would be meeting with a staff of Conservation Minnesota on another matter but he would mention this issue.
- iii. Commissioner Langsdorf mentioned that she set up exhibits at Golden Valley Days and had several great conversations with residents.
- iv. Commissioner Langsdorf announced that she and Alternate Commissioner Stockhaus will be attending the June 26th Crystal Anniversary event.

D. Committees: No Committee Communications

E. Counsel: No communications

- F. Engineer:** Ms. Chandler reported that the Minnesota Board of Water and Soil Resources will meet next week to review and approve the process and timeline for funding the Clean Water Grant Program in 2011. Ms. Chandler stated that the proposal in front of the Board recommends that the application period for the 2011 grants opens August 1, 2010, and closes September 15th with grant amounts similar to the 2010 amounts. Chair Loomis directed Ms. Herbert to add to the BCWMC's July meeting agenda an update on the 2011 Clean Water Grant Program.

9. Adjournment

Commissioner Welch moved to adjourn the meeting. Commissioner Elder seconded the motion. The meeting adjourned at 2:00 p.m.

Linda Loomis, Chair Date

Amy Herbert, Recorder Date

Pauline Langsdorf, Secretary Date

CHECKING ACCOUNT 0100339				
BEGINNING BALANCE	8-Jun-10			624,560.69
ADD:				
General Fund Revenue:				
Interest			32.12	
Permits:				
VAA, LLC	Gen Mills Ped Bridge		2,000.00	
Met Council	S Shore Drive-Emer Util F		1,000.00	
Inspec	Birchview Elem Site Impr		2,000.00	
Reimbursed Construction Costs			11,626.41	
	Total Revenue and Transfers In			16,658.53
DEDUCT:				
Checks:				
2256 Amy Herbert	June Secretarial Services		3,337.01	
2257 Kennedy & Graven	May Legal Services		1,652.15	
2258 MMKR	Audit Services-final		2,480.00	
2259 Pauline Langsdorf	Education Supplies		55.56	
2260 Prairie Moon Nursery	Education Supplies		69.47	
2261 Barr Engineering	June Engineering		37,791.73	
2262 VOID			0.00	
2263 Ace Drop-Off Catering	June Meeting Exp		329.99	
2264 Watershed Consulting, LLC	June Administrator		3,000.00	
	Total Expenses			45,715.91
ENDING BALANCE	8-Jul-10			595,503.31

	2010/2011 BUDGET	CURRENT MONTH	YTD 2010/2011	BALANCE
<u>OTHER GENERAL FUND REVENUE</u>				
ASSESSMENTS	414,150	0.00	414,150.00	0.00
PERMIT REVENUE	55,000	5,000.00	10,000.00	45,000.00
REVENUE TOTAL	469,150	5,000.00	424,150.00	45,000.00
<u>EXPENDITURES</u>				
ENGINEERING				
ADMINISTRATION	110,000	11,209.50	52,209.47	57,790.53
PLAT REVIEW	60,000	6,639.00	28,080.50	31,919.50
COMMISSION MEETINGS	13,000	1,462.50	5,798.00	7,202.00
SURVEYS & STUDIES	20,000	1,038.50	7,364.26	12,635.74
WATER QUALITY/MONITORING	20,000	1,431.50	3,750.50	16,249.50
WATER QUANTITY	11,000	306.00	3,251.50	7,748.50
WATERSHED INSPECTIONS	8,000	1,046.00	3,226.00	4,774.00
ANNUAL FLOOD CONTROL INSPECTIONS	10,000	0.00	5,713.50	4,286.50
REVIEW MUNICIPAL PLANS	4,000	2,805.00	5,417.00	(1,417.00)
ENGINEERING TOTAL	256,000	25,938.00	114,810.73	141,189.27
ADMINISTRATOR	15,000	3,000.00	7,369.37	7,630.63
LEGAL COSTS	18,500	1,652.15	7,339.09	11,160.91
AUDIT, INSURANCE & BONDING	15,000	2,480.00	9,580.00	5,420.00
FINANCIAL MANAGEMENT	3,000	0.00	53.55	2,946.45
MEETING EXPENSES	5,000	329.99	2,083.67	2,916.33
SECRETARIAL SERVICES	45,000	3,535.83	20,094.24	24,905.76
PUBLICATIONS/ANNUAL REPORT	4,000	0.00	5,168.50	(1,168.50)
WEBSITE	4,500	28.50	213.75	4,286.25
PUBLIC COMMUNICATIONS	3,000	0.00	0.00	3,000.00
WOMP	10,000	0.00	3,994.00	6,006.00
DEMONSTRATION/EDUCATION GRANTS	5,000	0.00	180.00	4,820.00
EDUCATION AND PUBLIC OUTREACH	4,000	125.03	-605.06	4,605.06
WATERSHED EDUCATION PARTNERSHIPS	15,000	0.00	7,000.00	8,000.00
EROSION/SEDIMENT (CHANNEL MAINT)	25,000	0.00	0.00	25,000.00
LONG TERM MAINTENANCE (moved to CF)	25,000	0.00	0.00	25,000.00
TMDL STUDIES (moved to CF)	10,000	0.00	0.00	10,000.00
GRAND TOTAL	463,000	37,089.50	177,281.84	285,718.16

BCWMC Construction Account (802-1119576)
Fiscal Year: February 1, 2010 through January 31, 2011
July 2010 Financial Report

Beginning Balance	8-Jun-10	\$2,057,049.20
ADD:	Interest:	
	Interest	105.82
		105.82
DEDUCT:		
	Construction Costs	11,626.41
		0.00
Ending Balance:	8-Jul-10	\$2,057,155.02

Investments

Federal Home Loan Mtg Corp - Purchased 7/22/09 - Due 10/18/2010 - 0.55% (Current mkt value \$508,251.17)	\$533,957.50
Federal National Mtg Assoc-Purchased 01/21/2010-Due 01/21/2015-2% (Current mkt value -\$501,095.00)	500,000.00
Total Investments	1,033,957.50
Construction Account - Cash Balance (detailed above)	2,057,155.02

Total: Construction Fund Cash/Investments	3,091,112.52
Less: Reserved for CIP Projects	2,755,077.52
Construction Cash/Investments Available for projects	\$336,035.00

BCWMC Second Generation Projects	Budget	Current	YTD	Project Total	Balance
Approved CIP Projects:					
2006 Parkers Lake Water Quality Project	42,000	0.00	0.00	3,434.24	38,565.76
Twin Lake-expected completion 2006	140,000	0.00	0.00	5,724.35	134,275.65
Westwood Lake - will closed in 2010	312,000	0.00	0.00	225,864.90	86,135.10
Proposed CIP Projects:					
Lakeview Park Pond-expected completion 2007		0.00	0.00	637.50	(637.50)
West Medicine Lake Park Pond	1,100,000	0.00	501,685.74	524,389.80	575,610.20
Budget increase Resolution 08-07 (200,000)					
Northwood Lake East Pond	107,250	0.00	0.00	71,831.27	35,418.73
Twins Stadium	0	0.00	38.20	17,363.42	(17,363.42)
Ramada Pond (Crane Lake)	90,000	0.00	0.00	39.00	89,961.00
Plymouth Creek Restoration	550,000	0.00	2,598.00	30,936.20	519,063.80
Bassett Creek Feasibility Study	0	0.00	544.35	12,113.40	(12,113.40)
Plymouth Creek Feasibility	0	0.00	0.00	1,936.00	(1,936.00)
Crystal-Regent Avenue (2010 CR)	0	0.00	2,152.50	2,152.50	(2,152.50)
Wisc Ave/Duluth Street-Crystal	0	0.00	4,518.50	4,518.50	(4,518.50)
North Branch (2011 CR-NB)	0	0.00	3,456.50	3,456.50	(3,456.50)
Resource Management Plan	0	0.00	1,533.00	57,094.21	(57,094.21)
TMDL Projects					
TMDL Studies	125,000	0.00	8,861.00	96,443.90	28,556.10
Sweeney Lake TMDL	119,000	0.00	9,213.00	190,225.36	(71,225.36)
Annual Flood Control Projects:					
Flood Control Emergency Maintenance	500,000	0.00	0.00	0.00	500,000.00
Flood Control Long-Term Maintenance	773,373	0.00	0.00	13,566.33	759,806.67
Annual Water Quality					
Channel Maintenance Fund	200,000	0.00	0.00	41,818.10	158,181.90
	4,058,623	0.00	534,600.79	1,303,545.48	2,755,077.52
Project Reimbursements					
Twins Stadium		0.00	6,564.20	26,959.64	
Sweeney Lake TMDL		0.00	0.00	154,123.94	

Tax Levy Revenues		Abatements /	Adjusted Levy	Current	Year to Date	Inception to	Balance	BCWMO Levy
	County Levy	Adjustments		Received	Received	Date Received		
2010 Tax Levy	935,000.00		935,000.00			0.00	935,000.00	935,000
2009 Tax Levy	800,000.00	(1,254.26)	798,745.74			788,720.28	10,025.46	800,000
2008 Tax Levy	908,128.08	(850.59)	907,277.49			901,483.61	5,793.88	907,250
2007 Tax Levy	190,601.74	(200.27)	190,401.47			189,794.47	607.00	190,000
2006 Tax Levy	531,095.47	(1,134.64)	529,960.83			528,646.69	1,314.14	519,000
2005 Tax Levy	450,401.40	(1,429.91)	448,971.49			448,704.78	266.71	438,000
2004 Tax Levy	1,000,790.48	(6,332.23)	994,458.25			995,220.43	(762.18)	
							952,245.01	

Basset Creek Construction Project Details

	Parkers Lake Water Quality (Circle Pond)	Twin Lake	Westwood Lake	Flood Control Emergency Maintenance	Flood Control Long-Term Maintenance	Channel Maintenance	West Medicine Lake Park Pond	Lakeview Park Pond	Northwood Lake East Pond	Crane Lake - Ramada Inn Pond	Plymouth Creek Channel Restoration	Plymouth Creek Feasibility	Bassett Creek Feasibility	Twins Stadium	Crystal - Regent Ave	Wisc Ave (Duluth Str)- Crystal	North Branch	Resource Mgmt Plan	TMDL Studies	Sweeney Lake TMDL
Original Budget	42,000.00	140,000.00	312,000.00	500,000.00	773,373.00	200,000.00	1,100,000.00	0.00	107,250.00	90,000.00	550,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	125,000.00	119,000.00
Expenditures:																				
Feb 2004 - Jan 2005	0.00	1,983.50	0.00	0.00	0.00	0.00	0.00	637.50	0.00	0.00	0.00		0.00	0.00					0.00	0.00
Feb 2005 - Jan 2006	983.75	1,716.70	11,724.12	0.00	3,954.44	2,994.75	0.00	0.00	0.00	0.00	0.00		0.00	0.00					0.00	0.00
Feb 2006 - Jan 2007	150.00	375.70	162,645.36	0.00	9,611.89	0.00	1,789.25	0.00	0.00	0.00	0.00		0.00	156.75					637.20	0.00
Feb 2007 - Jan 2008	0.00	36.00	0.00	0.00	0.00	0.00	1,835.70	0.00	858.45	0.00	0.00		0.00	13,312.47					23,486.95	89,654.49
Feb 2008 - Jan 2009	0.00	0.00	0.00	0.00	0.00	38,823.35	18,392.11	0.00	60,218.68	39.00	20,954.25		0.00	0.00				6,809.50	31,590.12	47,041.86
Feb 2009 - Jan 2010	2,300.49	1,612.45	51,495.42	0.00	0.00	0.00	687.00	0.00	10,754.14	0.00	7,383.95	1,936.00	11,569.05	3,856.00				48,751.71	31,868.63	44,316.01
Feb 2010 - Jan 2011	0.00	0.00	0.00	0.00	0.00	0.00	501,685.74	0.00	0.00	0.00	2,598.00	0.00	544.35	38.20	2,152.50	8,161.13	7,557.13	1,533.00	10,982.15	10,975.00
Total Expenditures:	3,434.24	5,724.35	225,864.90	0.00	13,566.33	41,818.10	524,389.80	637.50	71,831.27	39.00	30,936.20	1,936.00	12,113.40	17,363.42	2,152.50	8,161.13	7,557.13	57,094.21	98,565.05	191,987.36
Project Balance	38,565.76	134,275.65	86,135.10	500,000.00	759,806.67	158,181.90	575,610.20	(637.50)	35,418.73	89,961.00	519,063.80	(1,936.00)	(12,113.40)	(17,363.42)	(2,152.50)	(8,161.13)	(7,557.13)	(57,094.21)	26,434.95	(72,987.36)

	Parkers Lake Water Quality (Circle Pond)	Twin Lake	Westwood Lake	Flood Control Emergency Maintenance	Flood Control Long-Term Maintenance	Channel Maintenance	West Medicine Lake Park Pond	Lakeview Park Pond	Northwood Lake East Pond	Crane Lake - Ramada Inn Pond	Plymouth Creek Channel Restoration	Plymouth Creek Feasibility	Bassett Creek Feasibility	Twins Stadium	Crystal - Regent Ave	Wisc Ave (Duluth Str)- Crystal	North Branch	Resource Mgmt Plan	TMDL Studies	Sweeney Lake TMDL
Project Totals By Vendor																				
Barr Engineering	2,819.94	3,758.10	11,320.87	0.00	9,549.32	0.00	6,486.91	592.50	0.00	39.00	30,286.80	1,936.00	10,604.50	12,064.49	2,152.50	8,161.13	7,557.13	57,094.21	95,707.70	75,935.17
Kennedy & Graven	614.30	1,966.25	503.25	0.00	24.75	354.75	1,427.15	45.00	858.45	0.00	649.40	0.00	1,508.90	5,298.93	0.00	0.00	0.00	0.00	1,145.20	2,902.59
City of Golden Valley	0.00	0.00	0.00	0.00	0.00	2,640.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
City of New Hope	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	70,972.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
City of Plymouth	0.00	0.00	0.00	0.00	0.00	38,823.35	516,475.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
City of St. Louis Park	0.00	0.00	214,040.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Corn of Trans	0.00	0.00	0.00	0.00	3,992.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
City of Minneapolis	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
S E H	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100,375.60
Misc	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,712.15	12,774.00
Total Expenditures	3,434.24	5,724.35	225,864.90	0.00	13,566.33	41,818.10	524,389.80	637.50	71,831.27	39.00	30,936.20	1,936.00	12,113.40	17,363.42	2,152.50	8,161.13	7,557.13	57,094.21	98,565.05	191,987.36

Amy Herbert · Virtual Administrator Services

733 Preakness Lane, Chanhassen, MN 55317

bcra@barr.com · 952-832-2652

July 1, 2010

Bassett Creek Watershed Management Commission (BCWMC)

Attn: Sue Virnig, Deputy Treasurer

7800 Golden Valley Road

Golden Valley, MN 55427

For contracted services June 1, 2010 through June 30, 2010

Administrative Services to BCWMC

- Created the June 17th BCWMC meeting agenda; organized packet materials for copying, copied, and assembled meeting packets, delivered meeting packets to Barr Engineering mail room for Barr to weigh, add postage, and mail; posted meeting packet on BCWMC's Web site and e-mailed link to Commission; e-mailed agenda to agenda list and e-mailed approved meeting minutes to distribution list.
- Maintained BCWMC files; Communicated with BCWMC attorney, engineers, Administrator, Deputy Treasurer, Chair, commissioners, and committee members; Coordinated with Commission Engineer on distribution of tasks assigned at BCWMC meeting, historical information on CIP, and letter to City of Medicine Lake regarding BCWMC comments on the City's LWMP.
- Organized BCWMC monthly invoices; Distributed invoice payments;
- Reviewed and commented on draft 2011 operating budget table; Updated BCWMC's adopted 2011 operating budget table per Commission direction by removing incorrect footnotes; mailed 2011 operating budget and proposed city assessment table to member cities for review and comment and e-mailed copy of correspondence to commissioners, TAC members, and BCWMC staff; coordinated BCWMC signature on agreement with BWSR; Communicated with Brian Johnson of CAMP regarding BCWMC's requested changes in the agreement for the 2010 CAMP program; mailed hard copy of the BCWMC's major plan amendment request to Nick Tiedeken of Mn/DOT upon request; Forwarded two copies of BCWMC-signed WMWA agreement to Shingle Creek for final execution; Prepared draft minutes from the June 17th BCWMC meeting; E-mailed TAC agenda and meeting materials to attendees; Performed historical search of meeting minutes for information on TAC's June 30th agenda items; coordinated printing of color copies of the BCWMC's 2010 Executive Summary excerpt from annual report for use by the Education and Public Outreach Committee; Coordinated submission of LCMIT insurance form;
- Prepared meeting notices for: June 30th TAC meeting and June 4th Education Committee meeting;

50.75 hours @ \$57.00 per hour

\$2,892.75

BCWMC Meetings

Attended June 14th Administrative Service Committee meeting; Coordinated and

attended June 15th conference call with Chair Loomis, Karen Chandler, and Geoff Nash; Set up and attended June 17th BCWMC meeting (coordinated room reservation; ordered and received catering; coordinated agenda, prepared and provided handouts not provided in meeting packet; recorded meeting)

7.00 hours @ \$57.00 per hour \$399.00

Web Site Services to BCWMC

Updated meeting minute archive, meeting calendar, and financial information section

0.50 hours @ \$57.00 per hour \$28.50

Expenses

No June expenses..... \$0.00

Mileage

Mileage from Chanhassen to Golden Valley City Hall for June 14th

Administrative Services Committee meeting (16.76 miles x 0.50 = \$8.38);

Mileage from Chanhassen to Golden Valley City Hall for June 17th BCWMC meeting (16.76 miles x 0.50 = \$8.38);

\$16.76

Subtotal Administrative Services \$3,308.51

Subtotal Web Site Services \$28.50

Total Current Billing: \$3,337.01

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



Bassett Creek WMO
7800 Golden Valley Road
Golden Valley, MN 55427

Page # 1
Invoice # 23270051-2010-5
Project # 23/27-0051
Client # 59
July 2, 2010

Invoice of Account with
BARR ENGINEERING COMPANY

For professional services during the period of
May 29, 2010 through June 25, 2010

ENGINEERING

TECHNICAL SERVICES

Calls/emails to or from the Commissioners, administrator, watershed communities, developers in the watershed, Minneapolis Park and Recreation Board (MPRB), Three Rivers Park District (TRPD), Mississippi Watershed Management Organization, Minnesota Department of Transportation (Mn/DOT), Hennepin County, Minnesota Board of Water and Soil Resources (BWSR), Metropolitan Council Environmental Services (MCES), Minnesota Pollution Control Agency (MPCA), Corps of Engineers and interested citizens; telephone call from resident on Northwood Lake who is involved w/ Lake Association regarding submittal requirements for lake projects; coordination with Administrator regarding map for news story, budgets, Sweeney Lake outlet information meeting, 2011 water quality lab analysis; 2011 CAMP monitoring on Westwood Lake and CIP work group meeting; reviewed 2011 budget revisions and recording administrators' comments; reviewed low home information for Medicine Lake; preparation and attendance at CIP meeting.

James P. Herbert, Principal Engineer/Scientist	
3.5 hours @ \$140.00 per hour	\$ 490.00
Leonard J. Kremer, Principal Engineer/Scientist	
9.5 hours @ \$160.00 per hour	\$ 1,520.00
Karen L. Chandler, Senior Consultant	
5.5 hours @ \$140.00 per hour	\$ 770.00
Margaret R. Rattei, Senior Consultant	
0.8 hours @ \$115.00 per hour	\$ 92.00
Technicians/Administrative	\$ 352.00
Subtotal, Technical Services	\$ 3,224.00

PRELIMINARY SITE REVIEW/CORRESPONDENCE

Telephone conversations regarding proposed developments; provided watershed hydraulic information, flood profiles and BCWMC development requirements to applicants; communications with Inspec, Inc. regarding proposed improvements at school site in Plymouth and follow-up; email correspondence with Paramount Engineering regarding site improvements to Parkinson Center in Golden Valley; preliminary review and email to Paramount Engineering regarding preliminary comments for Parkinson Center site; provided 10-year flood elevations along North Branch and Main Stem of Bassett Creek; communications with Plowe Engineering regarding improvements at Plymouth site; Communications with Terra Engineering regarding residential development in Golden Valley.

James P. Herbert, Principal Engineer/Scientist	
6.3 hours @ \$140.00 per hour	\$ 882.00
Subtotal, Preliminary Site/Corr	\$ 882.00

MONTHLY MEETING PREPARATION

Preparation of monthly memorandum for BCWMC meeting; reviewed draft BCWMC meeting minutes, agenda and packet materials and discussed comments with Bassett Creek Administrator and Recording Administrator; conference call with BCWMC Chair and staff regarding meeting agenda; preparation of memorandum regarding City of Medicine Lake request for evaluation of outlet structure; coordination regarding 2011 WOMP budget; reviewed/revised 2011 budget document; provided grant information; reviewed Medicine Lake aquatic plant survey; communications with Bassett Creek Administrator and Recording Administrator; internal meetings regarding agenda, to-do list and meeting packet and June, 2010 meeting; prepared permit figures.

James P. Herbert, Principal Engineer/Scientist	
15.0 hours @ \$140.00 per hour	\$ 2,100.00
Leonard J. Kremer, Principal Engineer/Scientist	
4.0 hours @ \$160.00 per hour	\$ 640.00
Karen L. Chandler, Senior Consultant	
18.0 hours @ \$140.00 per hour	\$ 2,520.00
Technicians/Administrative	\$ 37.50
Subtotal, Monthly Memorandums	\$ 5,297.50

TAC MEETING PREPARATION

Preparation for June, 2010 TAC meeting; prepared background materials; coordinated and communicated with Chair Loomis, Bassett Creek Recording Administrator and Bassett Creek Administrator regarding TAC agenda; prepared draft memo of TAC recommendations and provided to TAC members for review.

James P. Herbert, Principal Engineer/Scientist	
0.6 hours @ \$140.00 per hour	\$ 84.00
Leonard J. Kremer, Principal Engineer/Scientist	
3.5 hours @ \$160.00 per hour	\$ 560.00
Gregory J. Wilson, Senior Consultant	
1.0 hours @ \$140.00 per hour	\$ 140.00
Karen L. Chandler, Senior Consultant	
7.3 hours @ \$140.00 per hour	\$ 1,022.00
Subtotal, TAC Meeting Preparation	\$ 1,806.00

Subtotal Technical Services	\$ 11,209.50
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PLAT REVIEW Note: Projects in **Bold** have provided review fees to offset review costs. Projects not in Bold are either in a preliminary stage or were submitted prior to implementation of the fee schedule.

Co. Rd. 9 & 61 Erosion Repair

Erosion control inspection.

Technicians/Administrative	\$	48.00
Subtotal, Co. Rd. 9 & 61 Erosion Repair	\$	48.00

Crown Packaging

Erosion control inspection.

Technicians/Administrative	\$	48.00
Subtotal, Crown Packaging	\$	48.00

Hen Co Plymouth Library

Erosion control inspection.

Technicians/Administrative	\$	48.00
Subtotal, Hen Co Plymouth Library	\$	48.00

Zero-Max

Erosion control inspection.

Technicians/Administrative	\$	48.00
Subtotal, Zero-Max	\$	48.00

Hennepin Co. Regional Trail – Phase 2

Erosion control inspection.

Technicians/Administrative	\$	80.00
Subtotal, Hen Co Regional Trail – Ph 2	\$	80.00

Beacon Academy

Erosion control inspection.

Technicians/Administrative	\$	48.00
Subtotal, Beacon Academy	\$	48.00

W Medicine Lake Park Site Imp

Erosion control inspection.

Technicians/Administrative	\$	80.00
Subtotal, W Medicine Lake Park Site Imp	\$	80.00

9209 40-1/2 Avenue North

Correspondence with New Hope regarding project status

James P. Herbert, Principal Engineer/Scientist	
0.5 hours @ \$140.00 per hour	\$ 70.00
Subtotal, 9209 40-1/2 Avenue North	\$ 70.00

2009 Mtka St Rehab-Sherwood Forest Neighborhood

Erosion control inspection.

Technicians/Administrative	\$ 80.00
Subtotal, 2009 Mtka St Rehab-Sherwood Forest Neighborhood	\$ 80.00

26th Ave/Plymouth Creek Culvert Replacement

Erosion control inspection.

Technicians/Administrative	\$ 80.00
Subtotal, 26 th Ave/Plymouth Creek Culvert Replacement	\$ 80.00

Laurel Hills Condo

Erosion control inspection.

Technicians/Administrative	\$ 120.00
Subtotal, Laurel Hills Condo	\$ 120.00

SP 2772-81 (TH 169 Medicine Lk Rd ramp)

Erosion control inspection.

Technicians/Administrative	\$ 48.00
Subtotal, SP 2772-81 (TH 169 Med Lk Rd ramp)	\$ 48.00

36th Avenue Reconstruction

Erosion control inspection.

Technicians/Administrative	\$ 48.00
Subtotal, 36 th Avenue Reconstruction	\$ 48.00

South Shore Drive Bridge Reconstruction & South Shore Drive Mill & Overlay

Several telephone conversations and email messages to city staff and its consultant; reviewed proposed South Shore Bridge Reconstruction plans and revised supporting documentation; reviewed modeling information and download effective FEMA data; prepared letter of approval to City of Plymouth.

Reviewed road reconstruction plans and erosion control plan for the South Shore Drive Mill & Overlay project; reviewed revised information/drawings and prepared letter of approval to City of Plymouth.

Reviewed diversion and dewatering plan for the bridge replacement; correspondence with city and contractor; prepared email correspondence of approval.

James P. Herbert, Principal Engineer/Scientist	
15.0 hours @ \$140.00 per hour	\$ 2,100.00
Karen L. Chandler, Senior Consultant	
0.2 hours @ \$140.00 per hour	\$ 28.00
Sarah M. Stratton, Senior Consultant	
2.0 hours @ \$115.00 per hour	\$ 230.00
Rita A. Weaver, Senior Engineer/Scientist	
0.5 hours @ \$95.00 per hour	\$ 47.50
Technicians/Administrative	\$ 80.00
Subtotal, So Shore Dr Reconstruction/Bridge.	\$ 2,485.50

Golden Valley 2010 Pavement Mgmt Proj

Erosion control inspection.

Technicians/Administrative	\$ 120.00
Subtotal, GV 2010 Pavement Mgmt Proj	\$ 120.00

Wirth Park Pedestrian Bridge

Erosion control inspection.

Technicians/Administrative	\$ 80.00
Subtotal, Wirth Park Pedestrian Bridge	\$ 80.00

Hilde Performance Center

Several telephone conversations and email messages to city staff and its consultant; reviewed revised grading, drainage and erosion control plans and supporting documentation for site improvement project; prepared letter of approval to City of Plymouth.

James P. Herbert, Principal Engineer/Scientist	
2.7 hours @ \$140.00 per hour	\$ 378.00

Rita A. Weaver, Senior Engineer/Scientist
0.8 hours @ \$95.00 per hour \$ 76.00

Subtotal, Hilde Performance Center \$ 454.00

So Shore Dr Emergency Utility Repair

Several telephone conversations with applicant and City staff; review of proposed project; prepared letter of recommendation to the City of Plymouth and Metropolitan Council.

James P. Herbert, Principal Engineer/Scientist
2.5 hours @ \$140.00 per hour \$ 350.00

Subtotal, So Shore Dr Emer Utility Repair. \$ 350.00

General Mills Pedestrian Bridge

Several telephone conversations and email messages to the applicant and city staff; reviewed grading, drainage and erosion control plans for proposed bridge; prepared BCWMC memorandum; prepared letter of approval to City of Golden Valley; follow-up communication with Chair and city staff regarding DNR permit requirements

James P. Herbert, Principal Engineer/Scientist
8.9 hours @ \$140.00 per hour \$ 1,246.00

Karen L. Chandler, Senior Consultant
0.7 hours @ \$140.00 per hour \$ 98.00

Michael B. Strong, Engineer/Scientist
0.3 hours @ \$70.00 per hour \$ 21.00

Technicians/Administrative \$ 21.00

Subtotal, General Mills Pedestrian Bridge. \$ 1,386.00

Birchwood Elementary Site Improvements

Communications with applicant and City staff; reviewed grading, drainage and erosion control plans; prepared letter of recommendation to the City of Plymouth.

James P. Herbert, Principal Engineer/Scientist
1.6 hours @ \$140.00 per hour \$ 224.00

Rita A. Weaver, Senior Engineer/Scientist
7.3 hours @ \$95.00 per hour \$ 693.50

Subtotal, Birchwood Elementary Site Improvements \$ 917.50

Subtotal Plat Review \$ 6,639.00

COMMISSION MEETINGS

Attended June 17, 2010 Commission meeting and June TAC meeting.

Leonard J. Kremer, Principal Engineer/Scientist
6.0 hours @ \$160.00 per hour \$ 960.00

Karen L. Chandler, Senior Consultant	
3.5 hours @ \$140.00 per hour	\$ 490.00
Expenses (Mileage/misc)	\$ 12.50
Subtotal, Commission Meetings	\$ 1,462.50

SURVEYS AND STUDIES

Communications regarding Sweeney Lake Outlet; email to DNR and letter regarding DNR permitting requirements for new outlet; preparation for meeting with City of Medicine Lake regarding Medicine Lake outlet.

James P. Herbert, Principal Engineer/Scientist	
1.0 hours @ \$140.00 per hour	\$ 140.00
Leonard J. Kremer, Principal Engineer/Scientist	
4.5 hours @ \$160.00 per hour	\$ 720.00
Karen L. Chandler, Senior Consultant	
1.2 hours @ \$140.00 per hour	\$ 168.00
Expenses (Mileage/misc)	\$ 10.50
Subtotal, Surveys and Studies	\$ 1,038.50

WATER QUALITY MONITORING

Communications with Three Rivers Park District (TRPD) staff regarding Medicine Lake monitoring; performed June plant survey at Medicine Lake; coordination regarding 2010 monitoring of Medicine Lake.

James P. Herbert, Principal Engineer/Scientist	
1.0 hours @ \$140.00 per hour	\$ 140.00
Technicians/Administrative	\$ 1,128.00
Expenses (Jon boat/trailer/outboard motor/mileage/2WD field vehicle)	\$ 163.50
Subtotal, Water Quality Monitoring	\$ 1,431.50

WATER QUANTITY

Measured and reviewed lake level elevations as part of the lake-gauging program.

Technicians/Administrative	\$ 304.00
Expenses (Mileage)	\$ 2.00
Subtotal, Water Quantity	\$ 306.00

WATERSHED INSPECTION

Performed erosion control inspections of construction sites; prepared letter regarding inspections and improvements required for effective erosion control; reviewed Laurel Hills condo site in Golden Valley.

James P. Herbert, Principal Engineer/Scientist 2.4 hours @ \$140.00 per hour	\$ 336.00
Technicians/Administrative	\$ 560.00
Expenses (Equipment/mileage)	\$ 150.00
Subtotal, Watershed Inspection	\$ 1,046.00

REVIEW MUNICIPAL PLANS (City of Medicine Lake)

Communications with city consultant regarding Medicine Lake Local Water Management Plan (LWMP); reviewed LWMP and prepared comments for BCWMC meeting; reviewed responses and prepared final review memorandum.

James P. Herbert, Principal Engineer/Scientist 0.3 hours @ \$140.00 per hour	\$ 42.00
Karen L. Chandler, Senior Consultant 6.7 hours @ \$140.00 per hour	\$ 938.00
Sterling G. Williams, Senior Engineer/Scientist 14.0 hours @ \$95.00 per hour	\$ 1,330.00
Jennifer A. Koehler, Engineer/Scientist 5.5 hours @ \$90.00 per hour	\$ 495.00
Subtotal, Municipal Plans	\$ 2,805.00

TOTAL ENGINEERING \$ 25,938.00

SECRETARIAL SERVICES

SECRETARIAL SERVICES EXPENSES

Administrative expenses requested by Amy Herbert including: copies, color copies for meeting packet; postage, CD duplication, video digital capture/conversion and BCWMC meeting catering; packet assembly; report assembly.

Technicians/Administrative	\$ 14.00
Expenses (B&W/color copies/postage)	\$ 213.32
Catering (BCWMC meeting date)	\$ -0-
TOTAL SECRETARIAL SERVICES EXPENSES	\$ 227.32

CAPITAL IMPROVEMENT PROJECTS

BASSETT CREEK: WISCONSIN AVENUE – CRYSTAL (2011 CR)

Communications with chair and others regarding major plan amendment schedule; communications with Commission legal counsel and preparation of memorandum regarding major plan amendment schedule, hearings and needed actions.

Leonard J. Kremer, Principal Engineer/Scientist	
1.0 hours @ \$160.00 per hour	\$ 160.00
Karen L. Chandler, Senior Consultant	
2.3 hours @ \$140.00 per hour	\$ 322.00
Subtotal, Bassett Crk: Wisconsin Ave– Crystal (2011 CR)	\$ 482.00

FEASIBILITY STUDY: BASSETT CREEK (2011CR)

Performed feasibility study tasks including coordination with archeologist consultant; coordination of wetland delineation issues; preparation of topographic maps; performed field wetland delineation; performed archaeology mapping.

Leonard J. Kremer, Principal Engineer/Scientist	
1.5 hours @ \$160.00 per hour	\$ 240.00
Mark A. Jacobson, Principal Engineer/Scientist	
1.7 hours @ \$140.00 per hour	\$ 238.00
Karen L. Chandler, Senior Consultant	
0.3 hours @ \$140.00 per hour	\$ 42.00
Jeffrey T. Lee, Senior Consultant	
1.6 hours @ \$130.00 per hour	\$ 208.00
Timothy J. Anderson, Senior Consultant	
1.0 hours @ \$140.00 per hour	\$ 140.00
Genesis M. Humphrey, Senior Engineer/Scientist	
7.2 hours @ \$90.00 per hour	\$ 648.00
Karen S. Wold, Senior Engineer/Scientist	
15.4 hours @ \$95.00 per hour	\$ 1,463.00
Michael B. Strong, Engineer/Scientist	
0.6 hours @ \$70.00 per hour	\$ 42.00
Technicians/Administrative	\$ 63.00
Expenses (mileage/color copies/GPS system/digital camera/split tube soil probe).	\$ 76.63
Subtotal, Feasibility Study: Bassett Creek (2011CR)	\$ 3,160.63

NORTH BRANCH (2011CR-NB)

Communications with chair and others regarding major plan amendment schedule; communications with Commission legal counsel and preparation of memorandum regarding major plan amendment schedule, hearings and needed actions.

Karen L. Chandler, Senior Consultant	
2.2 hours @ \$140.00 per hour	\$ 308.00
Subtotal, North Branch (2011CR-NB)	\$ 308.00

FEASIBILITY STUDY: NO BRANCH (2011CR-NB)

Performed feasibility study tasks including coordination with archeologist consultant; coordination of wetland delineation issues; preparation of topographic maps; performed field wetland delineation; performed archaeology mapping.

Mark A. Jacobson, Principal Engineer/Scientist	
2.0 hours @ \$140.00 per hour	\$ 280.00
Jeffrey T. Lee, Senior Consultant	
1.6 hours @ \$130.00 per hour	\$ 208.00
Timothy J. Anderson, Senior Consultant	
1.0 hours @ \$140.00 per hour	\$ 140.00
Jeffrey D. Weiss, Senior Engineer/Scientist	
5.0 hours @ \$95.00 per hour	\$ 475.00
Genesis M. Humphrey, Senior Engineer/Scientist	
7.7 hours @ \$90.00 per hour	\$ 693.00
Karen S. Wold, Senior Engineer/Scientist	
15.5 hours @ \$95.00 per hour	\$ 1,472.50
Amy R. Mikas, Engineer/Scientist	
4.5 hours @ \$75.00 per hour	\$ 337.50
Michael B. Strong, Engineer/Scientist	
0.6 hours @ \$70.00 per hour	\$ 42.00
Technicians/Administrative	\$ 63.00
Expenses (mileage/color copies/GPS system/digital camera/split tube soil probe).	\$ 81.63
Subtotal, Feasibility Study: No Branch (2011CR-NB)	\$ 3,792.63

TOTAL CAPITAL IMPROVEMENT PROJECTS \$ 7,743.26

TMDL STUDIES

MEDICINE LAKE TMDL

Coordination regarding Medicine Lake TMDL; responded to work plan cost estimate.

Gregory J. Wilson, Senior Consultant	
1.5 hours @ \$140.00 per hour	\$ 210.00
Subtotal, Medicine Lake TMDL	\$ 210.00

SWEENEY LAKE TMDL

Communications with Ron Leaf and BCWMC administrator; provided follow-up assistance for Sweeney Lake TMDL; reviewed/revised draft cover letter to MPCA; revised figure and provided to SEH; reviewed revisions to draft TMDL, prepared email status table to Ron Leaf; review final revisions to draft TMDL; prepared Sweeney Lake TMDL transmittal letter modifications and provided to city for review

Leonard J. Kremer, Principal Engineer/Scientist	
2.5 hours @ \$160.00 per hour	\$ 400.00
Karen L. Chandler, Senior Consultant	
8.3 hours @ \$140.00 per hour	\$ 1,162.00
Keith M. Pilgrim, Senior Consultant	
1.6 hours @ \$125.00 per hour	\$ 200.00
Subtotal, Sweeney Lake TMDL	\$ 1,762.00

WIRTH LAKE TMDL

Coordination regarding Wirth Lake TMDL.

Henry M. Runke, Principal Engineer/Scientist	
1.0 hours @ \$165.00 per hour	\$ 165.00
Subtotal, Wirth Lake TMDL	\$ 165.00

E-COLI SAMPLING

Performed June, 2010 E. coli sampling.

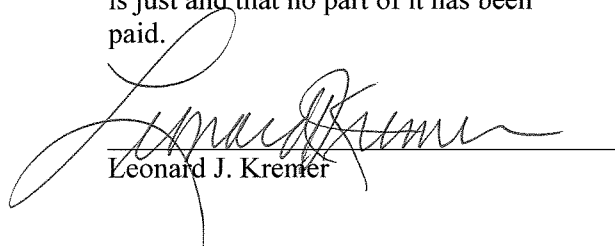
Technicians/Administrative	\$ 1,512.00
Expenses (hand held velocity flow meter/surgical gloves/mileage/2WD field vehicle)	\$ 234.15
Subtotal, E-Coli Sampling	\$ 1,746.15

TOTAL TMDL STUDIES \$ **3,883.15**

SUMMARY TOTALS

Total Engineering	\$ 25,938.00
Total Secretarial Services Expenses	\$ 227.32
Total Capital Improvement Projects	\$ 7,743.26
Total TMDL Studies	<u>\$ 3,883.15</u>
TOTAL PAYABLE	\$ 37,791.73

Barr declares under the penalties of law
that this account, claim or demand
is just and that no part of it has been
paid.


Leonard J. Kremer

ACE Drop-Off Catering

Invoice

VB Box 132
 PO Box 9202
 Minneapolis, MN 55480-9202
 612/238-4016 ahoffer@damico.com

INVOICE #

46506

BILL TO	SHIP TO
Barr Engineering Amy Herbert 4700 W 77th Street Edina, MN 55435-4803	Golden Valley City Hall-2nd Fl-Council Rm 7800 Golden Valley Road Site Contact: Judy N 763/593-3991 PO#23270512008300 952/832-2652 fax: 832-2601

P.O. NUMBER	TERMS	DELIVERY DATE	DAY	PPL	DELIVERY TIME
	Due on receipt	7/15/2010	Thursday	19	11:00 AM (10:45-11:15)

QUATY	DESCRIPTION	PRICE EA...	AMOUNT
19	Hot Picnic Menu	9.75	185.25T
1	Vegetable Sandwich with Shredded Vegetables, Lettuce, Cheddar Cheese and Hummus on the Side	3.00	3.00T
19	Build You Own Chicago Style Hot Dogs with Buns, Hot Peppers, Sliced Tomato, Onions, Spicy Brown Mustard and Ketchup	0.00	0.00T
19	Build Your Own Bratwurst & NO KRAUT	0.00	0.00T
19	Dijon Potato Salad	0.00	0.00T
19	Creamy Coleslaw	0.00	0.00T
1	Fresh Seasonal Vegetables Platter with Lemon Dill Sauce - 12-15 PPL	37.75	37.75T
38	****HOT DOG Buns ****	0.00	0.00T
19	Assorted Cookies	0.00	0.00T
1	Assorted Bars & Cookies-Marked for break	18.00	18.00T
2	Full Disposable Chafer with 2 Sterno N/C pick up old	0.00	0.00T
8	Assorted Sodas 2 Coke, 2 Diet, 2 Sprite & 2 Mineral water	1.25	10.00T
4	Lemonade	1.45	5.80T
22	Spring Water	1.25	27.50T
	Subtotal		287.30
	Delivery Charge	20.00	20.00T
	Metro Sales Tax as of 0709	7.275%	22.36

Have a Great Day!!	Total	\$329.66
--------------------	--------------	-----------------

Please note NEW PO BOX as of July 2009

Please make checks payable to "D'Amico Catering".

Reference the invoice # and delivery date on your check, unless paid by credit card.

Thank you for your business.

Agreed to by (customer) _____

Kennedy & Graven, Chartered

200 South Sixth Street
Suite 470
Minneapolis, MN 55402

(612) 337-9300
Tax ID No. 41-1225694

June 21, 2010

Statement No. 96470

RECEIVED

JUN 23 2010

BARR
ENGINEERING CO.

Bassett Creek Water Management Commission
Sue Virnig

7800 Golden Valley Road
Golden Valley, MN 55427

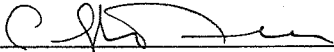
Through May 31, 2010

BA295-00001 General

1,652.15

Total Current Billing: 1,652.15

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

Bassett Creek Water
Sue Virnig

May 31, 2010

BA295-00001 General

Through May 31, 2010

For All Legal Services As Follows:

			Hours	Amount
5/13/2010	CLL	Review BWSR grant for project C10-36; email to L. Kremer regarding same	0.40	76.40
5/18/2010	CLL	Phone call to A. Herbert regarding budget	0.10	19.10
5/19/2010	CLL	Review emails and message to K. Chandler regarding BWSR grant; review agenda materials; phone calls to J. Herbert and review regulations on Plymouth bridge; phone call from K. Chandler regarding agenda	2.90	553.90
5/20/2010	CLL	Attend commission meeting	4.30	821.30
5/24/2010	CLL	Call auditor and exchange emails with S. Virnig	0.10	19.10
5/28/2010	CLL	Review insurance application materials; email to A. Herbert regarding waiver form and budget	0.40	76.40
5/28/2010	CLL	Review draft minutes	0.45	85.95
Total Services:			\$	1,652.15

Total Services and Disbursements:\$ 1,652.15



CERTIFIED PUBLIC
ACCOUNTANTS

MALLOY
MONTAGUE
KARNOWSKI
RADOSEVICH
& Co., P.A.

5353 Wapzata Boulevard • Suite 410 • Minneapolis, MN 55416
Telephone: 952-545-0424 Fax: 952-545-0569

Ms Sue Virnig
Bassett Creek Water Management Commission
City of Golden Valley
7800 Golden Valley Road
Golden Valley, MN 55427

Invoice No. 27026

Date 05/31/2010
Client No. 6355

FOR PROFESSIONAL SERVICES

Final billing for completion of audit of financial statements for the year ended
01/31/2010.

\$ 2,450.00

Reimbursable expenses.

30.00

\$ 2,480.00

6/25/10

Amy -

Enclosed are three invoices I paid and for which I would like reimbursement from the BCWMC.

Two are for \$20 each for labels for our seed packets. One is for reprints (25 color copies) of our executive summary of the 2009 annual Report for \$15.56.

Bills I paid

1. JASS - seed labels - \$20.00 (4/1/20)
2. JASS - seed labels - 20.00 (6/23/10)
3. The Printmakers
(Executive Summary) 15.56 (6/23/10)

Total \$55.56

Pauline Longstaff 6/25/10

This should be charged to the Education
+ Public Outreach 2010 line item.

Pauline

INVOICE
62210
Date
6/22/2010

Bill To: Bassett Creek Watershed
Pauline Langsdorf

[illegible]

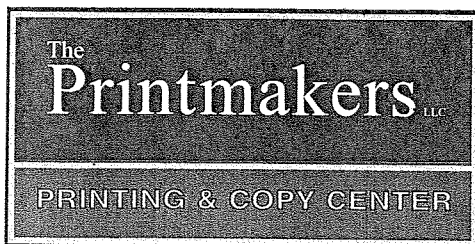
Thank You For Your Business!

INVOICE
4110
Date
4/1/2010

Bill To: Bassett Creek Watershed
Pauline Langsdorf

[illegible]

Thank You For Your Business!



Invoice 6273

Date: 06/23/10

7980 36th Avenue North, New Hope, MN 55427 • Office: 763-542-8707 • Fax: 763-542-9776
www.theprintmakers.net • inbox@theprintmakers.net

None
Bassett Creek Watershed Mgmt Commission
New Hope MN 55427

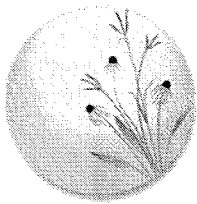
Ship To:
< Same as Bill To >
Call Customer to P/U 6/23/2010

Acct No	Ordered By	Phone	Fax	P.O. No	Prepared By	Sales Rep		
417	None				Bob	House		
Quantity	Description					Price		
25	Thank you for your order! Please Pay from this invoice.					14.50		
	color copies							
	color copies (2 clicks/set) Paper 70# Offset White 8.5 x 11 (2 Origs 1 --> 2)							
Received by _____ Date 6-23-10								
Terms		Subtotal	Shipping	Postage	Tax	Total	Paid	BALANCE
Net 30 Days		14.50	0.00	0.00	1.06	15.56	0.00	15.56

TERMS: 30 days from date of invoice. A finance charge of 1.5% per month (18% annual) charged on all past due accounts.

The Printmakers LLC • 7980 36th Avenue North • New Hope MN 55427 • (763) 542-8707

(print# 1)



Prairie Moon Nursery
32115 Prairie Lane
Winona, MN 55987
Phone: 507 452-1362
866 417-8156
Fax: 507 454-5238

Customer copy

Customer #: LANGSD55427
Ship via: SPEEDEE
Terms: NET 30
P.O. #:

Date: 6/10/2010
Ship Date: 6/16/2010

10-4445 S

Bill to: BASSETT CREEK WATERSHED COMM
AMY HERBERT, BARR ENG. CO.
4700 W 77TH ST

MINNEAPOLIS, MN 55435
Day:
Other:
Fax:

Ship to: PAULINE LANGSDORF
8100 33RD AVE N
CRYSTAL, MN 55427
763 544-1317

LANGSDORFP@AOL.COM

Lot #	Ordered	Shipped	Unit	Comment	Cat. #	Description	Price Each	
	100	100		MIX		CUSTOM BASSETT CREEK - 100 PKTS ECH PUR/RUD HIR	0.60	60.00

THANK YOU!

V-13200

RECEIVED

JUN 18 2010

BARR ENGINEERING CO

JUN 18 2010

PLANTS	SEEDS	SHIPPING & HANDLING	POSTPAID ITEMS	SALES TAX	TOTAL AMOUNT	PAYMENT RECEIVED	BALANCE DUE
0.00	60.00	5.00	0.00	4.47	69.47	0.00	69.47

Accounts not paid in full within 30 days of the ship date will have monthly finance charges added at a rate of 1%

INVOICE

Geoff Nash, Watershed Consulting, LLC
6920 Hillcrest Lane
Edina, MN 55435
952-925-5119

Client: Bassett Creek Watershed
Management Commission

Dates: June 1-30, 2010

Task/Project	Month																			Total			
	6/1/10	6/2/10	6/3/10	6/4/10	6/7/10	6/8/10	6/9/10	6/10/10	6/11/10	6/14/10	6/15/10	6/16/10	6/17/10	6/18/10	6/21/10	6/22/10	6/23/10	6/24/10	6/25/10		6/28/10	6/29/10	6/30/10
Commission Meeting/Prep.																							8.5
Administrative																							9.0
Administrative Committee Meeting/Prep.						2.0	1.0			2.0											1.0		1.5
Budget Committee Meeting/Prep.										1.5													0.0
Education/Outreach Committee meeting/Prep.																							0.0
TAC Meeting/Prep.			3.0													1.0	1.0				1.0	2.0	2.5
Medicine LK. TMDL																1.0	1.0						2.0
Sweeney LK. TMDL											1.5												1.5
With LK. TMDL																				2.0			2.0
Hennepin Co. Groundwater Planning																							0.0
Communication with Commission/Consultants	3.0				1.0	3.0		2.0										2.0		2.0	1.0		13.0
Policy Manual					4.0					2.5								4.5					18.0
Major Amendment WMP					1.0																		1.0
Annual Report 2009																							0.0
Third-party meeting																							0.0
CIP																							3.0
Daily Total:	3.0	5.0	3.0	3.0	3.0	3.0	3.0	5.0	2.5	3.5	2.5	2.0	4.5	2.0	3.0	2.0	4.5	2.0	2.0	6.0	3.0	2.5	70.0
Weekly Hours:				14.0					16.5				14.5						13.5			11.5	
Monthly Hours:																							

Expenses:	6/1/10	6/2/10	6/3/10	6/4/10	6/7/10	6/8/10	6/9/10	6/10/10	6/11/10	6/14/10	6/15/10	6/16/10	6/17/10	6/18/10	6/21/10	6/22/10	6/23/10	6/24/10	6/25/10	6/28/10	6/29/10	6/30/10	Month
Telephone					2	3		4		3	2		6				8	2		3	4	6	\$70.89
Printing-black&white (\$0.15/sheet)	4		5																				\$5.85
Printing-color (\$0.50/sheet)																							\$0.00
Postage (\$0.44 ea.)																							
Mileage (\$0.50/mile)			20					20				20							20			20	\$40.00
Expenses:																							\$116.74

Total invoice amount:

\$3,406.74

Watershed Consulting, LLC
6920 Hillcrest Lane
Edina, MN 55435
(952) 925-5119 office
(952) 240-3025 cell.

See attached Verizon invoices.
Note: June Verizon invoice - previous Verizon invoice = BCWMC monthly billed amount.



777 BIG TIMBER ROAD
ELGIN, IL 60123

Manage Your Account	Account Number	Date Due
My Verizon at www.verizonwireless.com		07/17/10
	Invoice Number	2420502493

10047126 02 AT 0.482 **AUTO T8 0 4222 55435-160620 1 3 E GTPL2209



CAMILLE NASH
6920 HILLCREST LN
EDINA, MN 55435-1606

Quick Bill Summary

May 23 – Jun 22

Previous Balance (see back for details)	\$188.16
Payment – Thank You	–\$188.16
Balance Forward	\$0.00
Monthly Access Charges	\$179.94
Usage Charges	
Voice	\$0.00
Data	\$0.00
Verizon Wireless' Surcharges and Other Charges & Credits	\$8.87
Taxes, Governmental Surcharges & Fees	\$16.31
Total Current Charges	\$205.12

Verizon Wireless News

Change to Your Service

Thank you for your wireless business.
You recently made a change to your
service. Your new bill will reflect usage
from your last bill and service
adjustments resulting from the
plan/feature change.

Total Charges Due by July 17, 2010 \$205.12

Previous Invoice # 134,23
Current Month 76.89

Pay from Wireless	Pay on the Web	Questions:
#PMT (#768)	My Verizon at www.verizonwireless.com	1.800.922.9204 or *611 from your wireless

VN



CAMILLE NASH
6920 HILLCREST LN
EDINA, MN 55435-1606

Bill Date June 22, 2010
Account Number [REDACTED]
Invoice Number 2420502493

Total Amount Due by July 17, 2010

Make check payable to Verizon Wireless
Please return this remittance slip with payment

\$205.12

\$.

P.O. BOX 25505
LEHIGH VALLEY, PA 18002-5505



Check here and fill out the back of this slip if your billing address
has changed or you are adding or changing your email address.

2420502493010880670335000010000205120000205129

Annual Report on Clean Water Fund Appropriations

**Minnesota Board of Water and Soil Resources
Annual Report to the Legislature**



March 1, 2010

Legislative Charge:

Minnesota Session Laws 2009 Chapter 172 Article 2, Section 6, which reads:

The board shall submit a report on the expenditure and use of money appropriated under this section to the chairs of the House of Representatives and senate committees with jurisdiction over environment and natural resources and environment and natural resources finance by March 1 of each year. The report must provide detail on: the expenditure of funds, including maps; the effectiveness of the expenditures in protecting, enhancing, and restoring water quality in lakes, rivers, and streams and protecting groundwater from degradation; and the effectiveness of the expenditures in keeping water on the land.

Prepared by: Julie Blackburn, Matt Drewitz, Jon Fure, Jeff Hrubes, Paul Senne, David Weirens, Marcey Westrick and Steve Woods.

Estimated Cost of Preparing Report (as required by Minn. Stat. 3.197)

Total staff time:	\$1,500
Production/duplication:	<u>\$30</u>
Total:	\$1,530

BWSR is reducing printing and mailing costs by using the Internet to distribute reports and information to wider audiences.

Minnesota Board of Water and Soil Resources

520 Lafayette Road North
St. Paul, MN 55155-4194
651-297-3767

This report is available at **www.bwsr.state.mn.us/cleanwaterfund** and available in alternative formats upon request.

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Introduction

The Minnesota Board of Water and Soil Resources (BWSR) is the state's soil and water conservation agency. BWSR administers programs in partnership with local organizations and private landowners that prevent sediment and nutrients from entering our lakes, rivers, and streams; enhance fish and wildlife habitat; and protect groundwater and wetlands.

This report outlines the comprehensive strategy used to implement the Fiscal Year (FY) 2010 appropriation to BWSR from the Clean Water Fund -- one of four funds established through the Clean Water, Land and Legacy constitutional amendment approved by voters in 2008. The amendment increases the sales tax by 3/8 of 1 percent and dedicates the revenue to preserving and protecting fish and wildlife habitat, clean water, parks and trails, and arts and cultural heritage.

The Clean Water Fund comprises 33 percent of the tax dollars collected from this amendment. Other funds through this amendment are the Outdoor Heritage Fund (33 percent), Parks and Trails Fund (14.25 percent), and Arts and Cultural Heritage Fund (19.75 percent).

Clean Water Fund Appropriation Summary

During the 2009 Legislative Session, \$18,705,000 from the Clean Water Fund in Fiscal Year 2010 was appropriated to BWSR to implement nonpoint source pollution reduction programs. Table 1 summarizes the programs and funding allocated under the appropriation.

Reporting requirements and accountability

BWSR distributed approximately \$12 million through a competitive grant process. Each grant applicant must meet various reporting requirements to demonstrate the effectiveness of these expenditures. These requirements are found in Minnesota Session Laws 2009 Chapter 172 Article 5, Section 7, Subdivision 4. Expenditures; Accountability and Minnesota Session Laws 2009 Chapter 172 Article 5, Section 7, Subdivision 5. Data Availability.

BWSR has also allocated \$3.25 million for conservation easement projects to establish buffer strips adjacent to public waters, and is in the process of allocating \$1 million for conservation easements in wellhead protection areas. BWSR partners with Soil and Water Conservation Districts (SWCDs) to implement conservation easement programs.

Projects paid for through the Clean Water Fund grants are scheduled to be completed during calendar years 2010-2011. Conservation easement projects may take up to three years to be completed.

BWSR will oversee \$900,000 in direct appropriations to the Anoka Conservation District and to Hennepin County.

Because the specific outcomes will not be reported until project implementation, this report will focus on the process for awarding grants and criteria that applicants were required to submit.

Table 1. Summary of FY 2010 Clean Water Fund Appropriation to BWSR

Program	Allocation	Description
Riparian buffer conservation easements	\$3.25M	Purchase and restore permanent conservation easements on riparian lands adjacent to public waters, except wetlands. Establish buffers of native vegetation that must be at least 50 feet where possible and no more than 100 feet.
Wellhead protection conservation easements	\$1.0M	Permanent Conservation Easements on wellhead protection areas under MS 103F.515 Subd. 2, paragraph (d). Must be in drinking water supply management areas designated as high or very high by the Commissioner of Health.
Runoff Reduction*	\$2.8M	Grants to Watershed Districts (WDs) and Water management Organizations (WMOs) for: 1) structural or vegetative practices that reduce storm water runoff from developed or disturbed lands or 2) to leverage federal funds for restoration, protection or enhancement of water quality in surface waters and to protect groundwater.
Clean Water Assistance*	\$3.0M	Grants to WDs, WMOs, Counties and Soil and Water Conservation Districts (SWCDs) to keep water on the land and to protect, enhance, and restore water quality in lakes, rivers and streams and to protect groundwater and drinking water.
Shoreland Improvement*	\$1.5M	Grants to be used to implement streambank, stream channel and shoreline protection and restoration grants for water quality.
Feedlot Water Quality Improvement Grants*	\$2.0M	For feedlots under 300 animal units on riparian land, to include water quality assessment to determine the effectiveness in protecting, enhancing and restoring water quality in lakes, rivers and streams and in protecting groundwater from degradation.
Technical Assistance and Engineering	\$1.25M	Targeted nonpoint restoration technical assistance and engineering that will be used to provide non-federal match for federal funds.
Subsurface Sewage Treatment System (SSTS) Program Enhancement*	\$1.6M	Grants to counties to implement SSTS programs including inventories, enforcement, development of databases, and systems to insure SSTS maintenance and of reporting program results to BWSR and MPCA and base grants.
Imminent health threat systems*	\$0.8M	Grants to address imminent health threat and failing SSTS.
Conservation drainage*	\$0.33M	Technical assistance and grants to establish conservation drainage program in consultation with the Drainage Work Group. Program consists of projects to retrofit existing drainage systems with water quality practices, evaluate outcomes, and provide outreach. (\$200,000 is available for grants.)
Anoka Conservation District	\$0.4M	For 7-county metropolitan landscape restoration program for water quality and improvement projects.
Hennepin County	\$0.5M	Grant for riparian restoration and stream bank stabilization in the 10 primary stream systems in Hennepin County. County will work with WDs and WMOs to identify and prioritize projects. To the extent possible, county shall employ youth through Minnesota Conservation Corp** and Tree Trust. Must be matched by non-state sources, including in-kind contributions.
Oversight, support, accountability reporting	\$0.275M	To provide state oversight of local government units that have received Clean Water Fund grants so that they comply with accountability reporting, and to prepare an annual report detailing recipients and projects funded, anticipated water quality benefits, and other outcomes.

* *Competitive grant process*

**MCC (now formally known as the Conservation Corp of Iowa and Minnesota)

Clean Water Fund Conservation Easement Programs

The board adopted policy on Oct. 28, 2009 to establish payment rates and eligibility criteria for both easement programs that received Clean Water Fund appropriations, found in Minnesota Laws 2009, Chapter 172, Article 2. BWSR staff provided guidance to Soil and Water Conservation District (SWCD) staff statewide, and the SWCDs promoted the programs to landowners in their area.

Riparian Buffer Easement Program

BWSR received \$3.25 million to acquire permanent Reinvest In Minnesota (RIM) Reserve conservation easements on riparian lands adjacent to public waters, except wetlands. Up to 5 percent could be used to administer the program. Lands that were targeted were new or existing USDA Conservation Reserve Program (CRP) contracts with cropping history. Participating landowners receive a payment to retire land in agricultural production, and to establish permanent buffers of native vegetation that must be at least 50 feet where possible and no more than 100 feet. A continuous statewide signup began Dec. 1, 2009. All funds available for Fiscal Year 2010 were allocated by Feb. 1, 2010.

The following table shows the easements enrolled through the Clean Water Fund Riparian Buffer Conservation Easement Program.

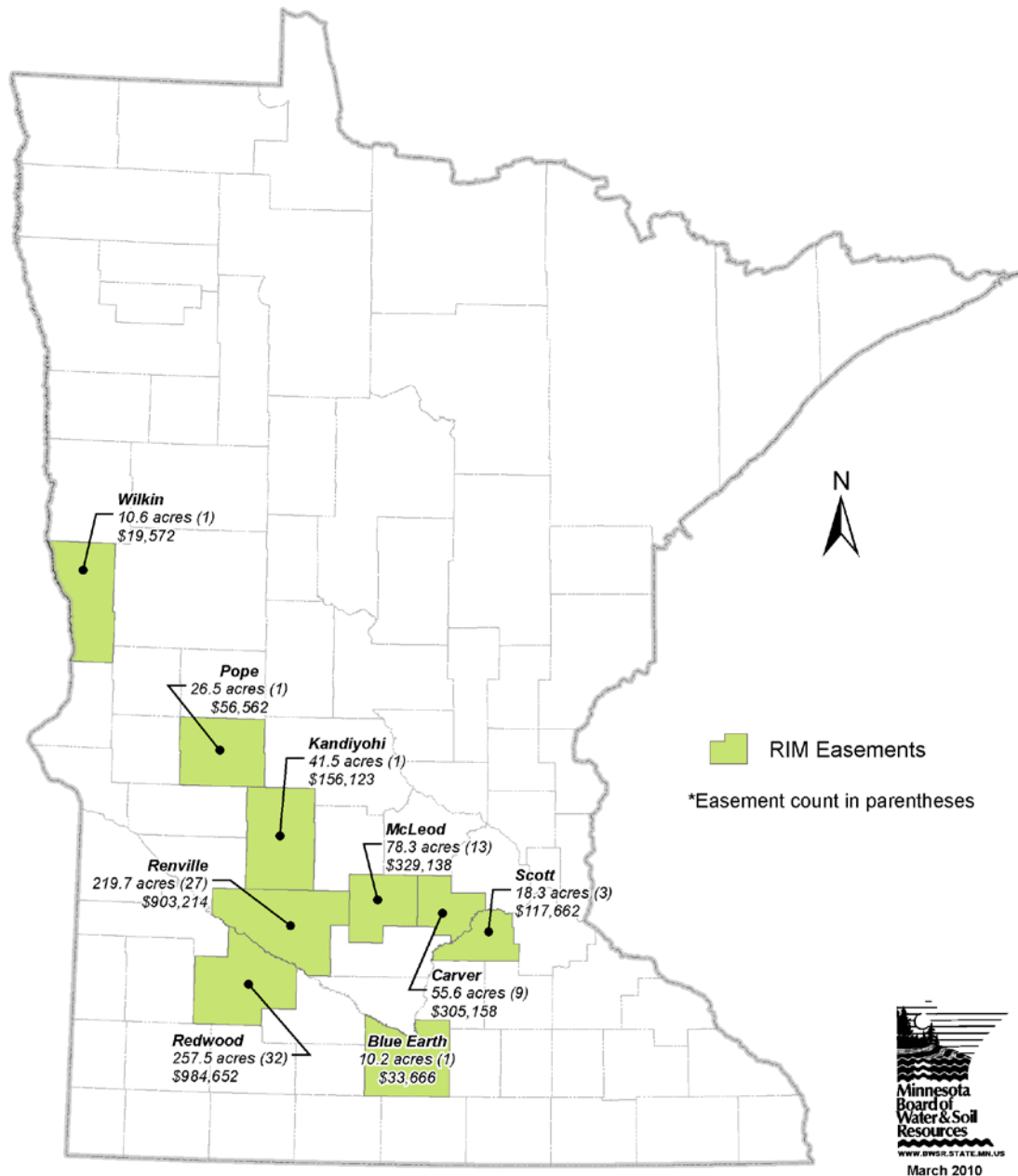
Clean Water Fund Riparian Buffer Easements Enrolled

SWCD	Easement Count	Easement Acres	Donated Acres	Easement Payments	Practice Payments	Total Payments
Blue Earth	1	10.2	0.1	33,665.60	0	33,665.60
Kandiyohi	1	41.5	0	156,123.00	0	156,123.00
Pope	1	26.5	0	56,561.90	0	56,561.90
Wilkin	1	10.6	0	19,571.84	0	19,571.84
Scott	3	18.3	0	113,671.60	3,990	117,661.60
Carver	9	55.6	0	305,158.10	0	305,158.10
McLeod	13	78.3	0	329,137.50	0	329,137.50
Renville	27	219.7	0	903,123.00	90	903,213.60
Redwood	32	257.5	0	980,421.70	4,230	984,651.70
Subtotals	88	718.2	0.1	\$2,897,434	\$8,310	\$2,905,745
RIM Services	\$2,000/easement					\$176,000
TOTAL						\$3,081,745

Outcomes and effectiveness

Buffer strips of native vegetation will be established on the above easement acres, all of which are adjacent to public waters. The program was targeted to critical CRP acres, so that these areas would be permanently protected instead of enrolled in short-term easements. BWSR and SWCDs worked with private landowners to enroll 86 easements that will permanently protect more than 700 acres in nine counties.

2010 Clean Water Fund *RIM Reserve Riparian Buffer*



Wellhead Protection Conservation Easement Program

BWSR received \$1 million for FY 2010 for this program, which is focused on converting agricultural land to grasslands and wetlands in areas where the vulnerability of the drinking water supply management area, as defined by Minnesota Rules, part 4720.5100, subpart 13, is designated as high or very high by the Minnesota Department of Health (MDH). An easement must enroll a majority (at least 51 percent) of the land in such an area.

Lands that were targeted were new or existing USDA Conservation Reserve Program (CRP) contracts with cropping history. The easements funded under this section are permanent, whereas CRP easements are for 12-15 years. Participating landowners receive a payment to permanently retire land in agricultural production, and to establish buffers of native vegetation.

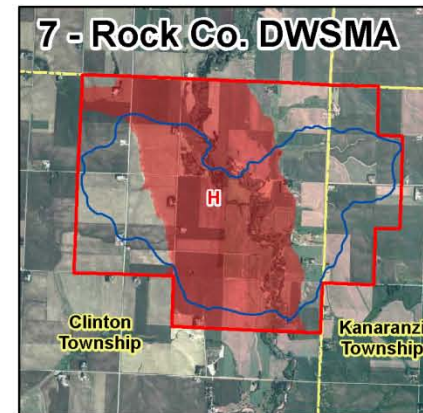
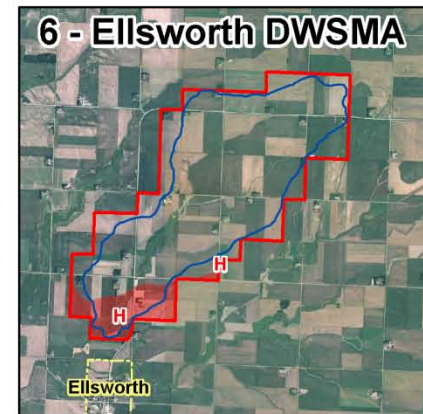
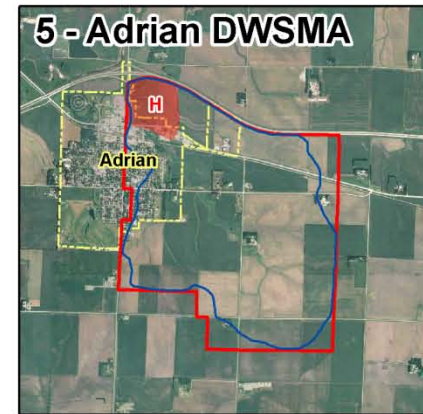
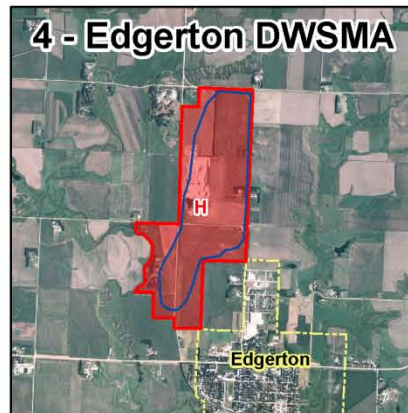
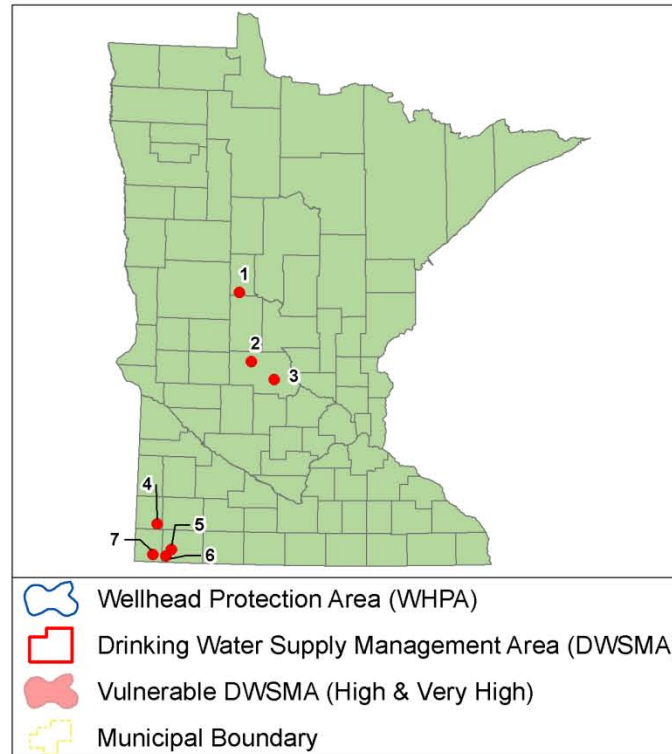
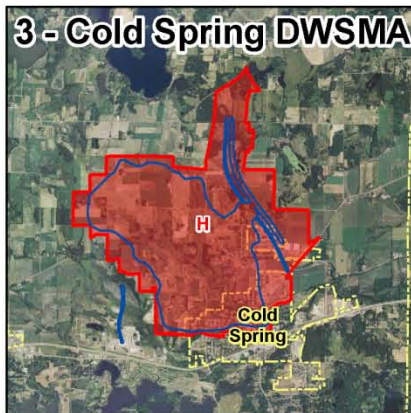
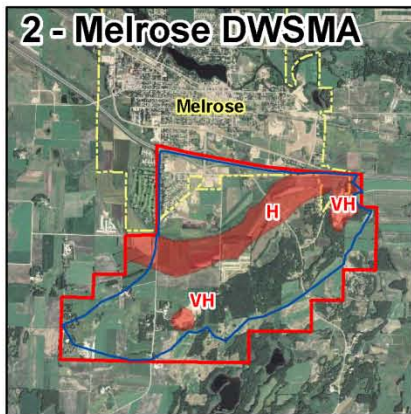
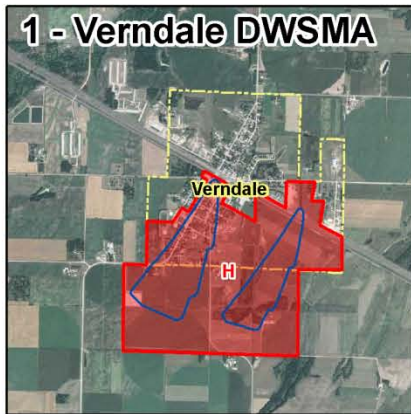
MDH, in consultation with the Minnesota Department of Agriculture, provided BWSR with a list of the most vulnerable wellhead protection areas. SWCDs in those areas are promoting this easement option directly to eligible landowners. As of February 1, 2010, one easement was in the process of being acquired under this program.

Anticipated benefits of wellhead protection conservation easements

Restoring wetlands and grasslands within wellhead protection areas improves water quality by providing a greater distance between drinking water sources and agricultural chemical use. Changing land use from agricultural production to restored grasslands and wetlands has produced dramatic, measurable improvements in water quality. According to MDH, the city of Edgerton experienced a 50 percent reduction in the nitrate levels of its drinking water after landowners enrolled 60 acres of land in the city's wellhead protection area into CRP (Source: "The Protector, Newsletter for Minnesota's Source Water Protection Program," Volume 12, Summer 2004).

Because these easements are permanent as opposed to the short-term CRP easements, the protection of these environmentally sensitive lands will stay secure.

2010 Clean Water Fund Target Wellhead Protection Areas



Clean Water Fund Competitive Grant Program

BWSR administered a Competitive Grant Program to distribute available funds for all programs indicated in Table 1. Other competitive grants that are administered by BWSR and are funded through the state's General Fund were also distributed through this same process (Feedlot Water Quality Management, Cooperative Weed Management and Native Buffer Cost Share). The combined granting strategy resulted in a more efficient application process for BWSR and grant applicants. The board approved this strategy on September 23, 2009.

BWSR's funding authority for water management is derived from M.S. 103B.3363. Local government units (LGU) with approved and adopted comprehensive local water management plans are eligible for financial assistance. The Competitive Grant Program also incorporated requirements of M.S. 114D.20, which directs the implementation of Clean Water Funds to be coordinated with existing authorities and program infrastructure. Those requirements are referenced in the Clean Water Fund Grants Policy adopted by the board (see Appendix A). Funding decisions were based on the best available scientific information, and the grants were directed to areas where clean water protection and restoration work is most needed and most effective.

The FY 2010 Competitive Grant application was open from October 15 through December 1. BWSR staff notified all eligible local government units of the application via email on October 1, 2009 and October 14, 2009. BWSR staff conducted nine information sessions across the state to review the grant programs. These were held on October 5, 6, 7, 13, 14, 15, 22, and November 2 and 3, 2009. In addition, a question and answer blog was created, and a Frequently Asked Question document was created and posted on the BWSR website to provide updated information to all applicants.

Local government units throughout the state submitted 210 applications for these competitive grants, and the total amount requested was more than \$44 million. The proposals were evaluated by an interagency team consisting of staff from the Minnesota Department of Agriculture (MDA), the Department of Natural Resources (DNR), the Pollution Control Agency (MPCA), the Department of Health (MDH), and BWSR based on the following criteria (Table 2):

Table 2.

Ranking Criteria	Maximum Points Possible
A narrative description of the anticipated water quality benefits, overall goals of the project, project organization and management, budget and work activities.	10
The anticipated outcomes resulting from completion of the project initiatives on the water resource identified or the pollutant load reduction required in the Total Maximum Daily Load.	25
The project initiatives anticipate beginning implementation soon after a grant award and have a relatively detailed inventory of implementation locations or activities.	10
The level of funding documented from other sources to augment CW Funding for water quality projects or activities above the required minimum local match requirements.	10
Priorities are derived from TMDL Implementation Plans or Comprehensive Local Water Management Plans.	30
Maintaining long-term public benefits from the proposed implementation activities.	10
Proposed activities are consistent with existing Groundwater Plans, Wellhead Protection Plans or Surface Water Intake Plans with respect to prioritization, location or focus.	5
Total	100

Agency scores were combined and normalized to produce a ranked order of projects. Projects were funded based on their rank order and eligible grant category until available funds were expended. Ranked applications that targeted specific water resources or priority conservation practices but did not identify precise locations for installation of those practices received a maximum of 50 percent of requested funding to begin implementation and development of more specific project lists for future applications. Table 3 shows the breakdown of applications and funds awarded per grant program.

Table 3.

Grant Program	Applications Funded	Total Funds Awarded
Runoff Reduction	12	\$2,459,675
Clean Water Assistance	22	\$2,650,000
Shoreland Improvement	8	\$1,399,582
Imminent Health Threat Abatement	10	\$775,777
SSTS Program Enhancement	14	\$860,000
Conservation Drainage	5	\$200,000
Feedlot Water Quality Improvement	53	\$1,143,624
Technical assistance and engineering	9	\$921,814

The BWSR Senior Management Team reviewed the recommendation provided by the interagency and BWSR staff teams on January 12, 2010. The BWSR Grants Program and Policy Committee reviewed the funding recommendation on January 13, 2010.

Outcomes and effectiveness

The board approved the final funding recommendations for the FY2010 Clean Water Fund Competitive Grants at the January 28 meeting. Of the 210 applications received, 86 were recommended for funding. All applicants have been notified and grant agreements are being developed and finalized. Applicants will be working with BWSR staff to develop detailed work plans that become a component of the grant agreement. Once work plans are approved and the grant agreements executed, projects will begin implementation in the spring of 2010.

BWSR required grant applicants to estimate anticipated intermediate outcomes for proposed projects. Applicants used pollution reduction calculators, such as the Revised Universal Soil Loss Equation (RUSLE and RUSLE2), and similar tools for measuring effectiveness of keeping water runoff on the land through infiltration, diversion or collection.

In addition to providing immediate pollution reduction outcomes, the competitive grants awarded through this process build for future successful pollution reduction efforts. Outcomes of this funding include:

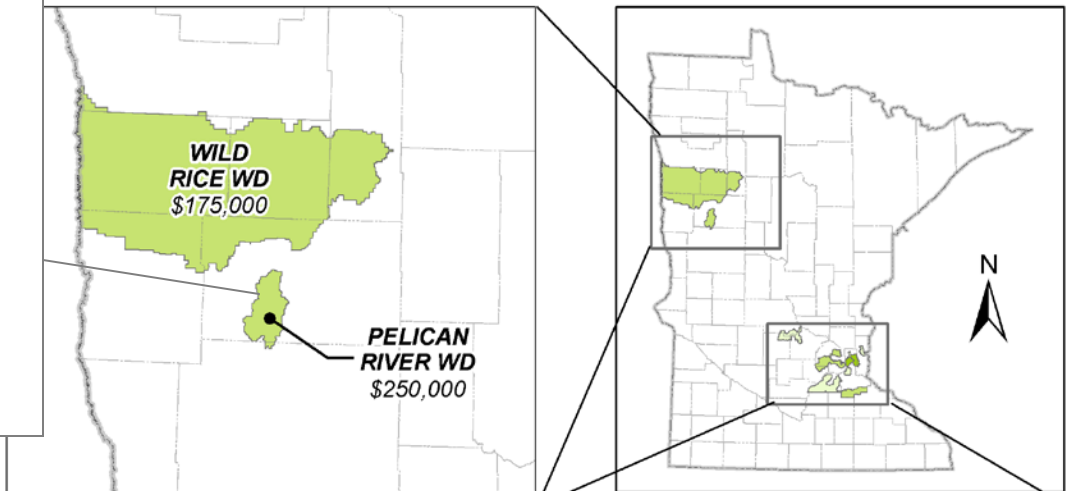
- 53 feedlots near impaired waters will become compliant and/or have upgraded facilities
- 30-plus lakes and three river stretches will have septic system inventories that are essential for targeting future grant funds
- \$921,814 in Technical Assistance Grants will provide matching funds to leverage more than \$2.5 million in federal funds

Maps detailing project locations and some project examples are shown below. For more detail on all projects awarded Clean Water Funds, see Appendix B.

2010 Clean Water Fund Runoff Reduction

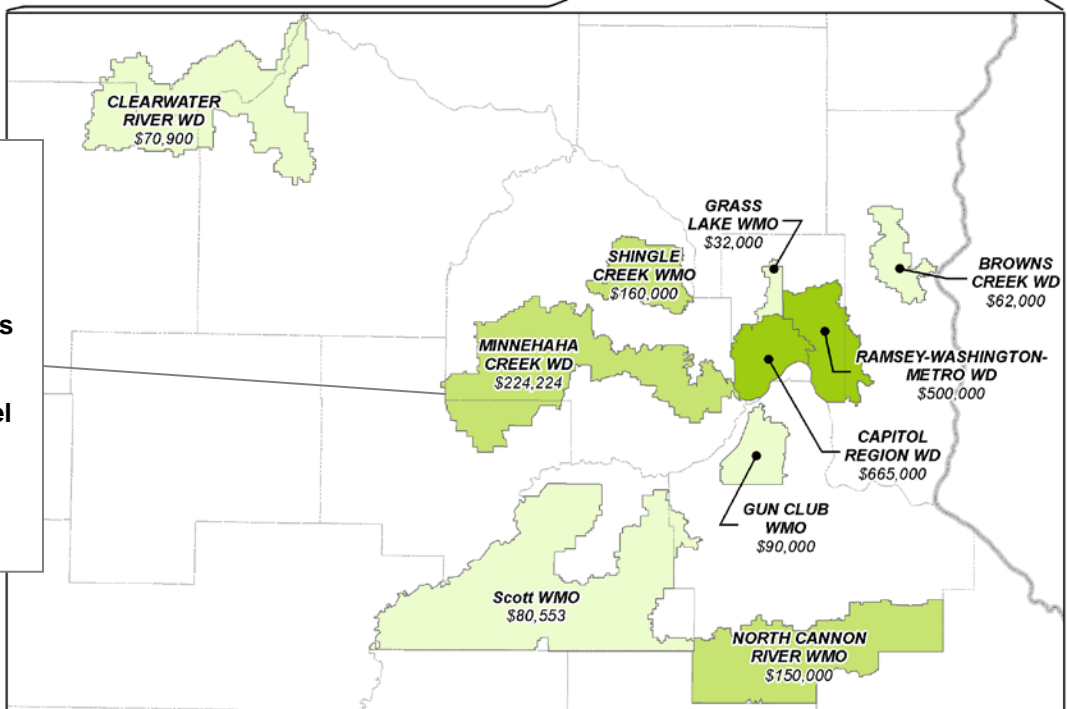
Pelican River WD: \$250,000

- Restore approximately 450 acres of wetland on Rice Lake in effort to protect Detroit Lake
- Reduce phosphorus by ~ 5,000 pounds
- Improve aquatic habitat of Rice Lake
- Leverage \$1.5 M



Minnehaha Creek WD: \$224,000

- Citizen Led
- 50 raingardens, pervious pavement
- Runoff reduction, shovel ready
- Urban location



Runoff Reduction Grants:

Only Watershed Districts and Water Management Organization were eligible to apply for these funds. Funds are to be used for structural and vegetative practices to reduce stormwater runoff and to retain water on the land to reduce the movement of sediment, nutrients and pollutants.

2010 Clean Water Fund Clean Water Assistance

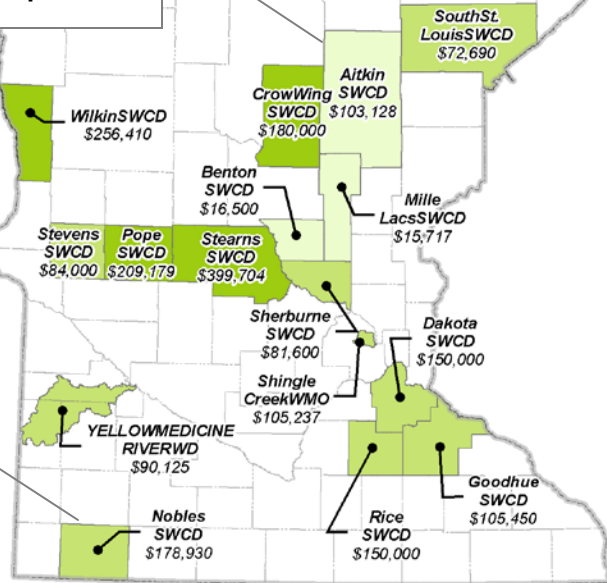
Individual Organizations

Aitkin SWCD: \$73,543

- Mille Lacs Lake Protection
- 7 infiltration basins
- 3,500-foot restored shoreline
- 3-County Partnership

Nobles SWCD: \$157,058

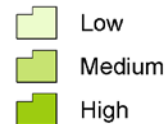
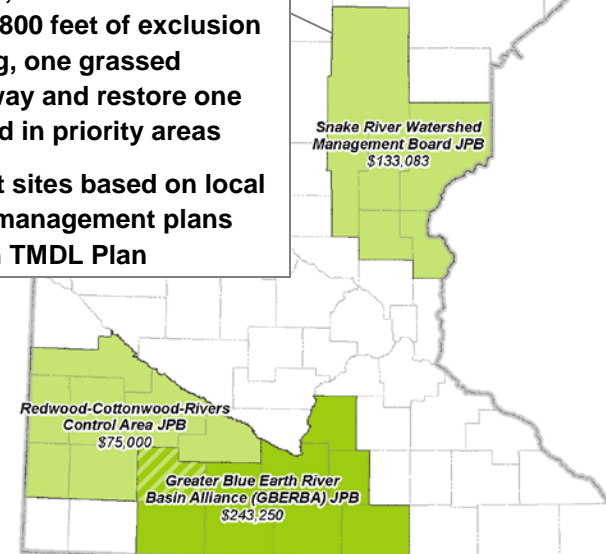
- 20 Sediment Control Structures
- 8,500 linear feet of grassed waterway
- Will help complete a Federal Stimulus Project on an impaired water



Partnership Organizations

Snake River JPB: \$133,083

- Protect 500 feet of shoreland
- Install 200 feet of riparian buffers, one sediment basin, 800 feet of exclusion fencing, one grassed waterway and restore one wetland in priority areas
- Project sites based on local water management plans and on TMDL Plan

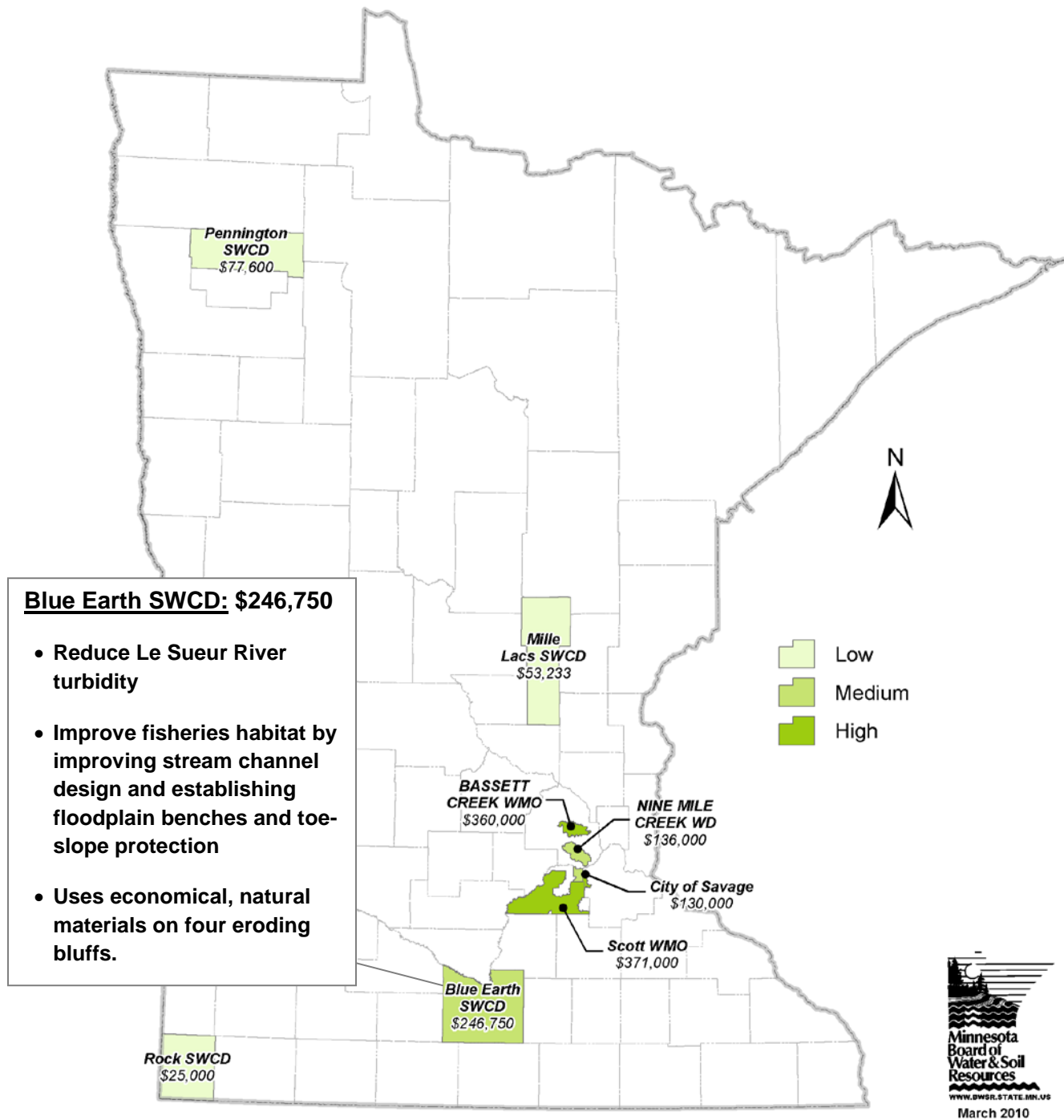


March 2010

Clean Water Assistance Grants:

WDs, WMOs, Soil and Water Conservation Districts and Counties were eligible to apply for these funds. Funds are to be used to keep water on the land, and to protect, enhance and restore water quality in lakes, rivers and streams and to protect groundwater and drinking

2010 Clean Water Fund Shoreland Improvement

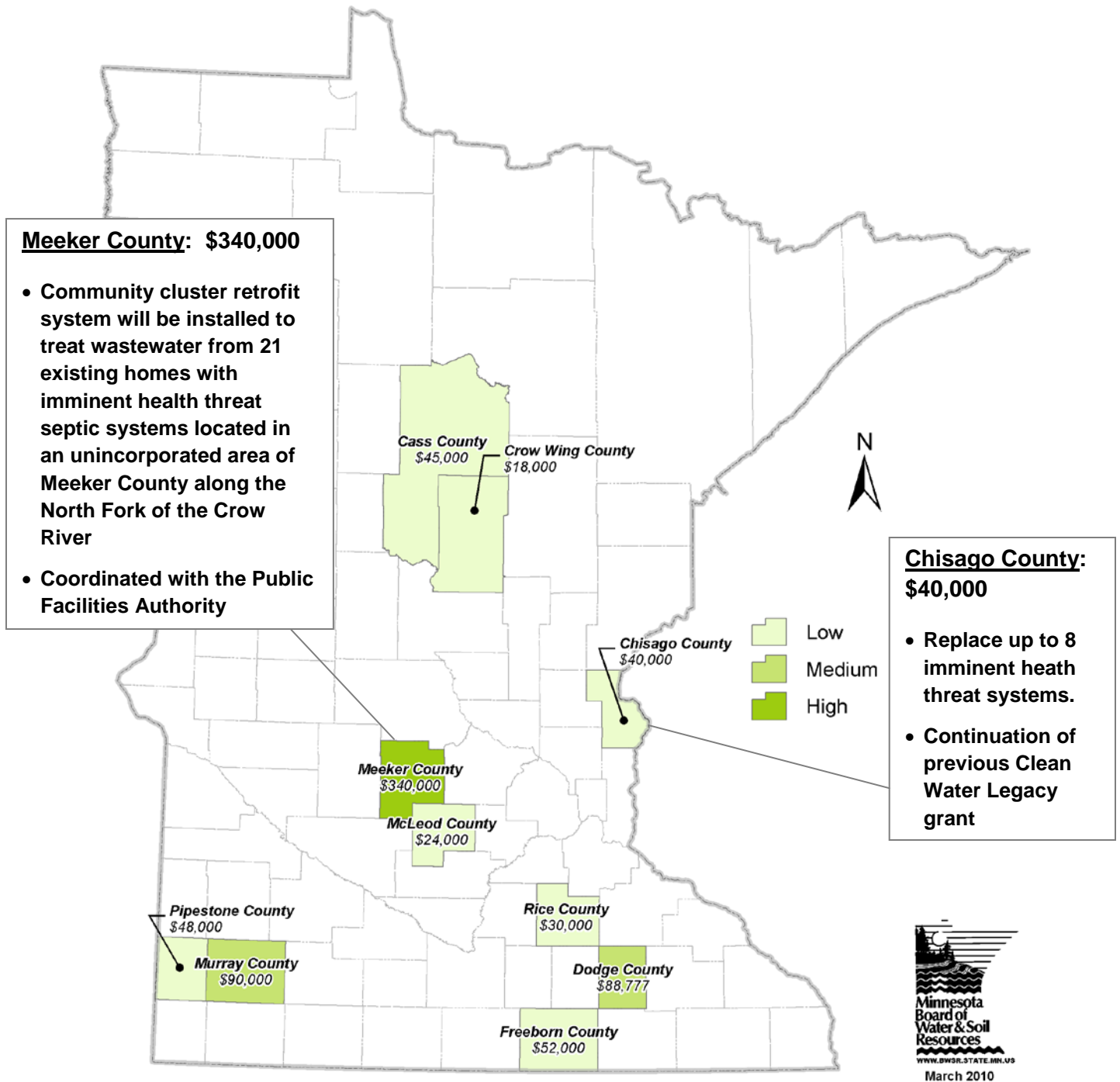


Shoreland Improvement Grants:

Shoreland Improvement Grants are to be used to implement streambank, stream channel and shoreline protection and restoration grants for water quality.

2010 Clean Water Fund

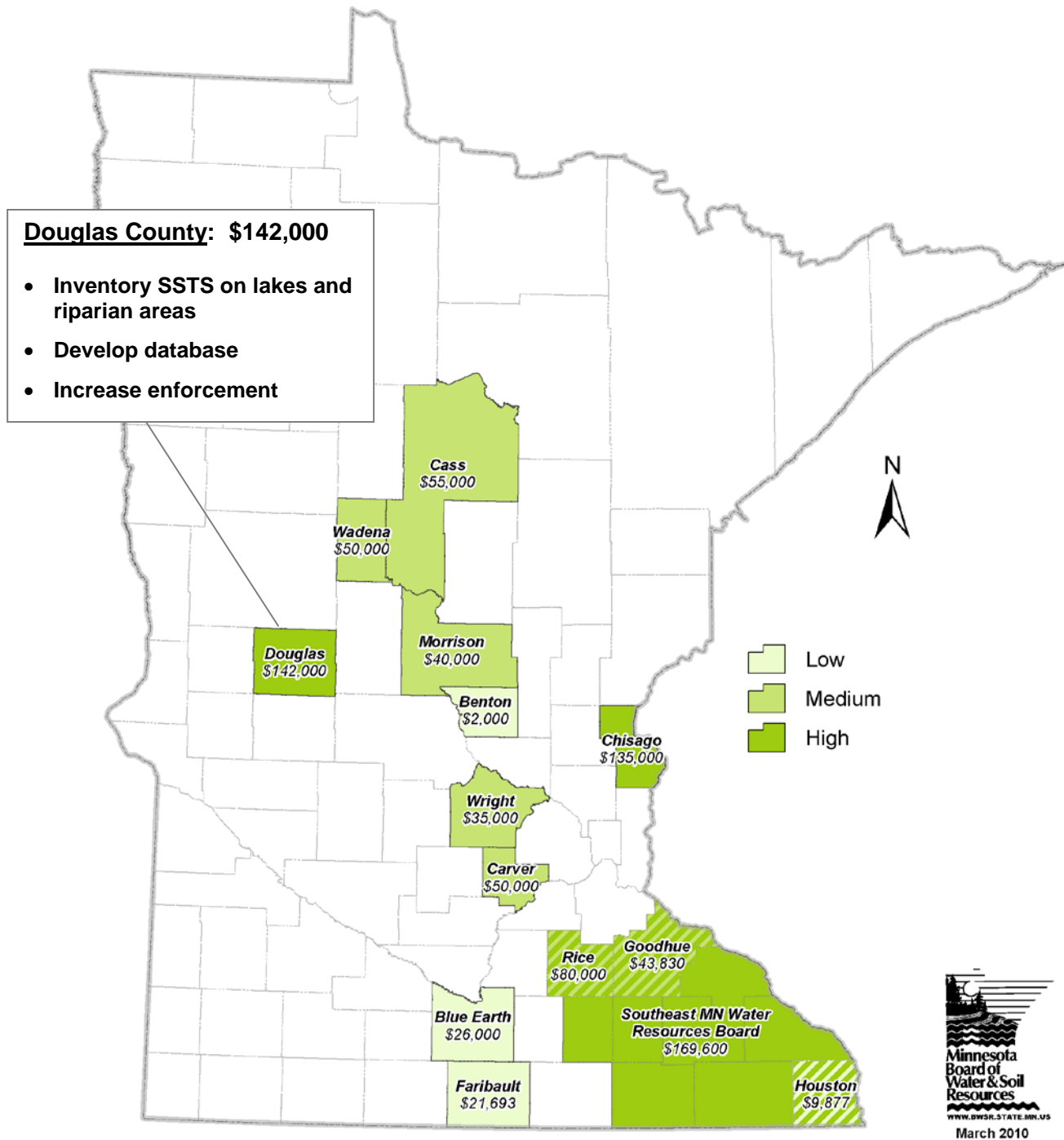
SSTS Imminent Health Threat



SSTS Imminent Health Threat Grants:

Subsurface Sewage Treatment System (SSTS) Imminent Health Threat grants address failing septic systems that have direct impacts to critical water resources of concern. Applications that were funded identify landowners with problem septic systems and provide financial assistance to low-income homeowners to upgrade their systems.

2010 Clean Water Fund SSTS Program Enhancement

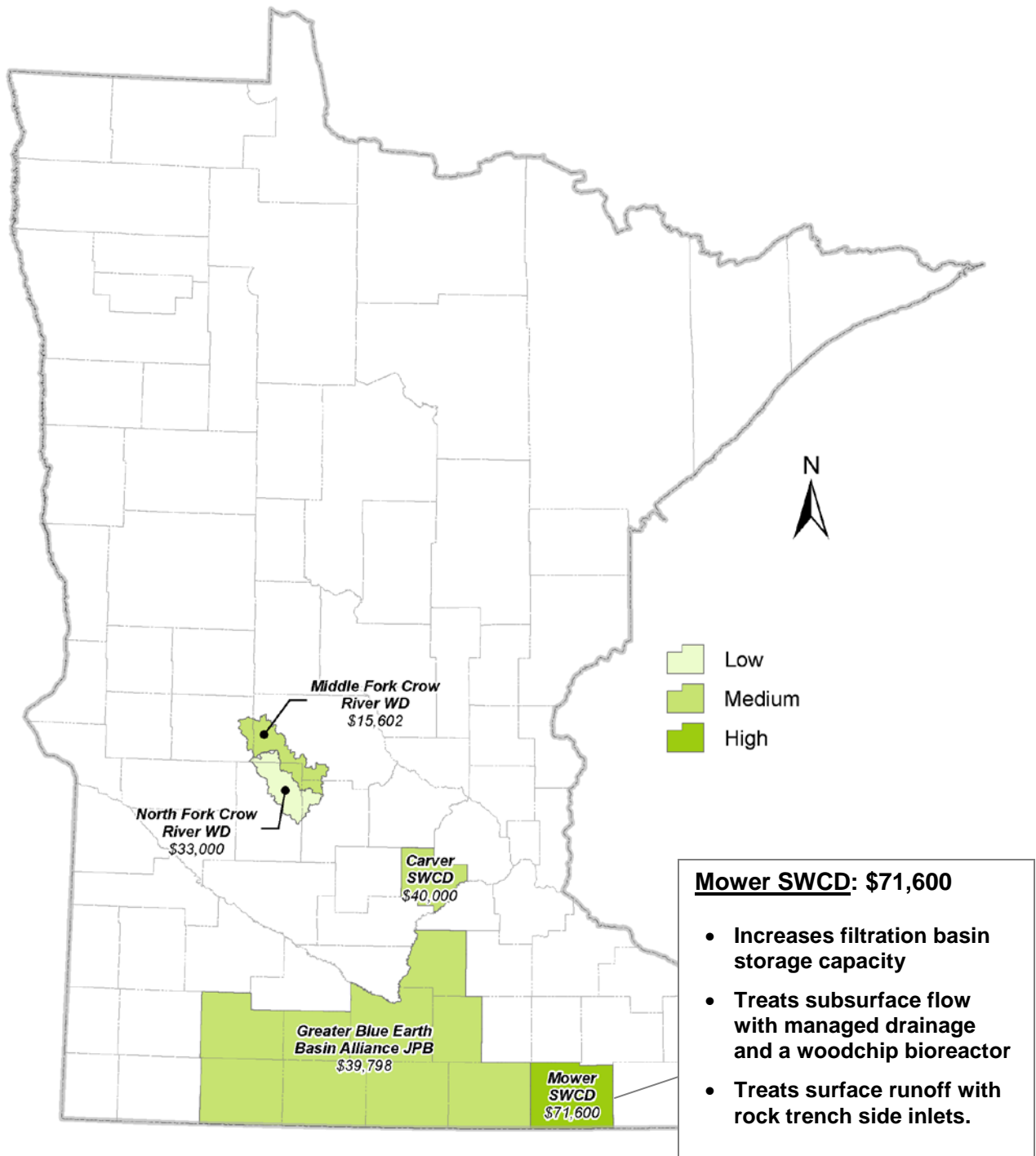


SSTS Program Enhancement Grants:

Counties are eligible for these grants, abiding by MS 115.55 Sec. 2, to implement SSTS programs including inventories, enforcement, databases and systems to insure SSTS maintenance reporting programs. Counties must abide by Minnesota Rules 7080 and their locally adopted SSTS ordinance when implementing grants from this appropriation. Fourteen applications totaling \$860,000 were recommended for funding. Additionally, \$870,000 in grants were awarded to counties through MPCA for SSTS programs. These grants are part of the BWSR Natural Resources Block Grant program.

2010 Clean Water Fund

Conservation Drainage

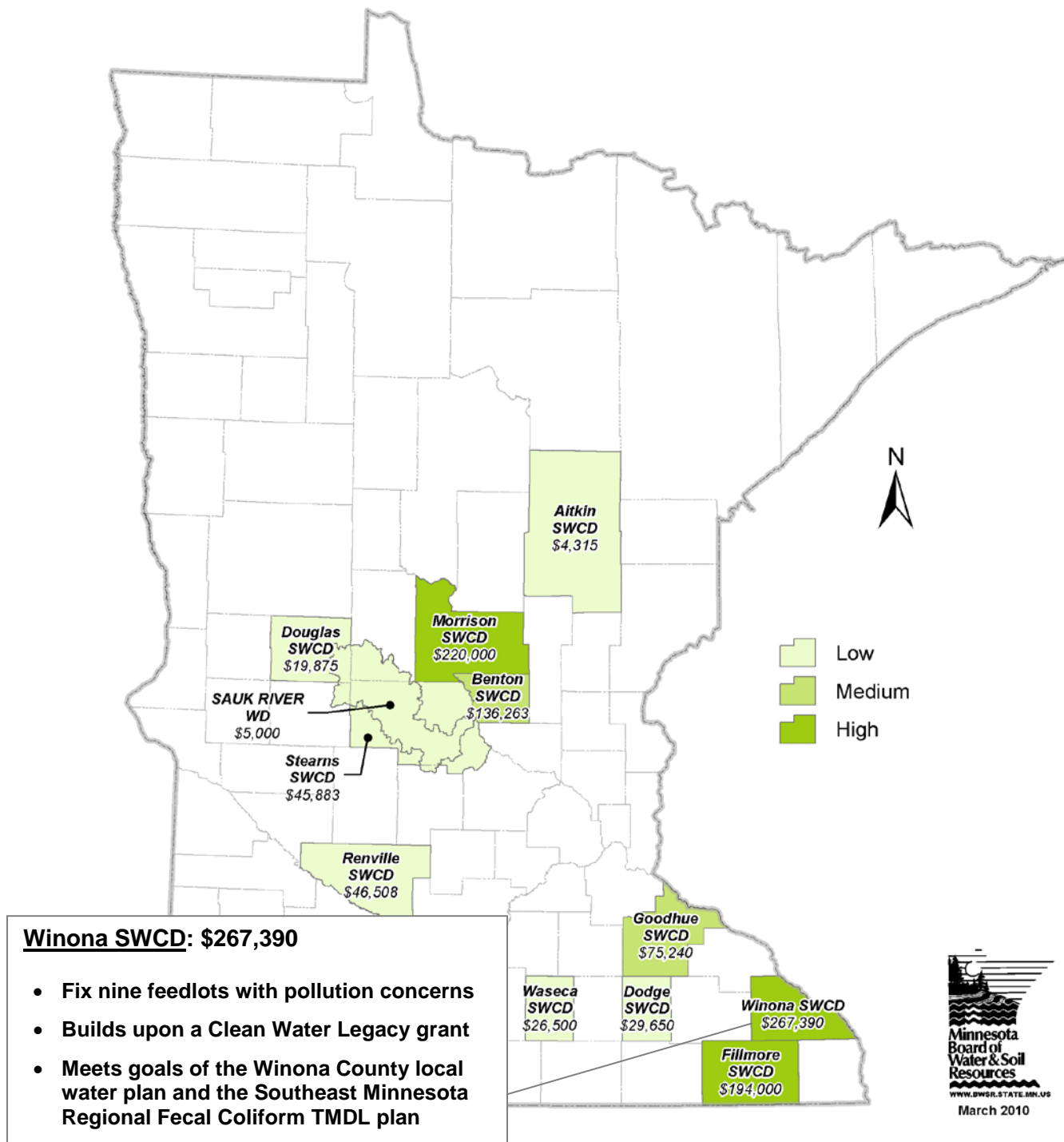


Conservation Drainage:

Pilot projects to retrofit existing drainage systems with water quality improvement practices will receive \$200,000 in Conservation Drainage Grants. The balance of the allocation, \$130,000, will be used as match for an EPA 319 grant to BWSR to research side inlet controls at different scales and to install side inlet control pilot projects to better understand outcomes related to their implementation.

2010 Clean Water Fund

Feedlot Water Quality

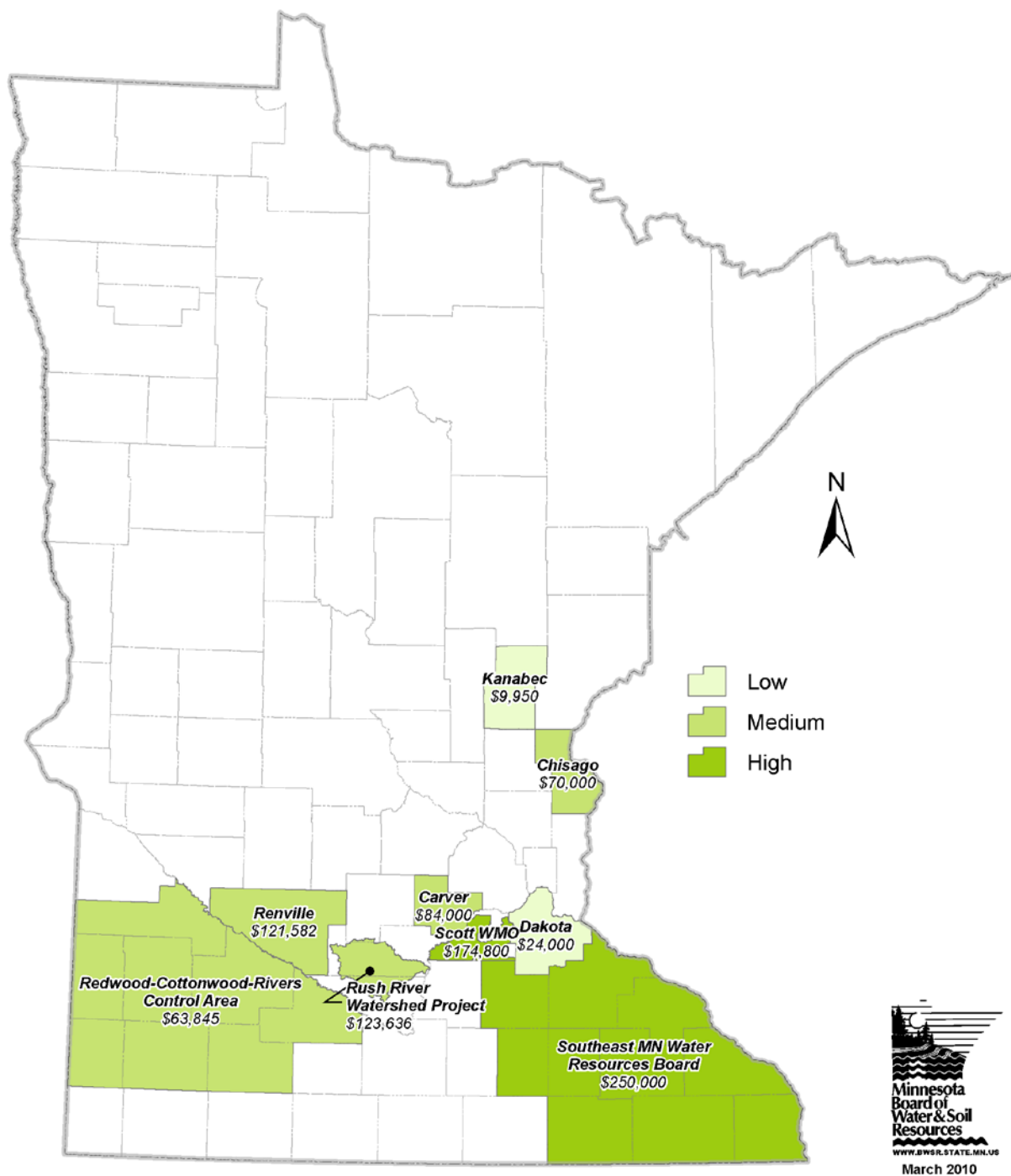


Feedlot Water Quality Management Grants:

Feedlot Water Quality Management Grants provide financial assistance to fix existing feedlot pollution problems from feedlot operations less than 300 animal units in size and located in a riparian area or impaired waterway.

2010 Clean Water Fund

Technical Assistance and Engineering Grants (319 Match)



Technical Assistance and Engineering Grants (319 Match):

Targeted Nonpoint Restoration Technical Assistance and Engineering will enable local government units to leverage available federal funds for water quality projects. In 2009, the EPA

provided approximately \$6.7 million to the MPCA through the Federal Clean Water Act Section 319 Nonpoint Source Grant Program (Section 319). These federal dollars are to be used for nonpoint pollution abatement and water resource restoration, and they require 45 percent non-federal matching funds. Budgetary constraints could limit the ability of local governments to provide the necessary 45 percent non-federal match, therefore, the Board authorized up to \$1.25 million from the Clean Water Fund to provide some of the non-federal match. BWSR coordinated with MPCA and communicated to local government project sponsors that these grants were available to be used for up to 20 percent of the total project costs for the approved grant applications. BWSR staff also participated in the Federal Section 319 project evaluation, selection and validation process.

The \$921,814 awarded to local governments from the Clean Water Fund will be used to implement more than \$2.5 million in federal funds.

Directed BWSR Clean Water Fund Expenditures

BWSR received direct appropriations for the Anoka Conservation District and for Hennepin County in FY 2010. Currently, BWSR is in the process of entering into grant agreements for both entities as provided by these appropriations under Minnesota Laws 2009, Chapter 172, Section 6.

Anoka Conservation District

A direct appropriation of \$400,000 in FY 2010 for the Anoka Conservation District (ACD) is for the metropolitan landscape restoration program for water quality and improvement projects in the seven-county metro area (the law also provides \$600,000 for this purpose in FY2011).

The goal of the program is to improve water quality in locally identified high-priority water resources. ACD will work with other metro-area local government units to fully utilize program cost-share funds and to leverage local funds to install the most cost-effective practices available to treat stormwater runoff. Assessments developed as part of this program will include identifying site-specific best management practices for pollutant and stormwater volume load reduction estimates, installation cost estimates, and long-term operation and maintenance cost estimates.

Hennepin County

The law also included a direct appropriation of \$500,000 in FY2010 to Hennepin County for riparian restoration and stream bank stabilization in the county's 10 primary stream systems. The money will pay for projects to protect, enhance and help restore the water quality of these streams and downstream receiving waters.

Conservation Corps of Iowa and Minnesota

BWSR is required to contract with the Conservation Corps of Iowa and Minnesota (formerly Minnesota Conservation Corps) for installation of conservation practices benefitting water quality for at least \$500,000 in each year of the 2010-11 biennium. The Board approved reserving the following funds from Table 1 to comply with this appropriation:

- \$200,000 from the Runoff Reduction Grants
- \$200,000 from the Clean Water Assistance Grants
- \$100,000 from the Shoreland Improvement Grants

As part of the process, BWSR staff will work with the conservation corps to ensure the following procedures are followed:

1. Eligible local governments will have an initial 30-day application period.
2. MCC has 30 days to review proposals and make a list of projects, consistent with the Clean Water Fund appropriation (Laws of Minnesota, Chapter 172, Section 6).
3. MCC will send the list of projects to the appropriate BWSR Clean Water Specialist for their review and approval before commitments are made to applicants. This will be accomplished within the 30-day MCC review period.
4. After initial allocations, any remaining funds are available on a first-come, first-served basis by any eligible local government.
5. MCC will report financial information on the use of state funds, and the local government will report outcome and match information in eLINK.

BWSR Administration of Clean Water Fund Expenditures

The Board will be using existing authorities, policies, and staff, along with the processes outlined previously, to implement Clean Water Fund programmatic activities. The Board will be utilizing the eLINK4WEB reporting program to track all Clean Water Fund grant-related projects.

The goal of the Clean Water Funding directed to BWSR is to reduce non-point source pollution by providing Clean Water Fund dollars to local government units for on-the-ground activities that will result in improved and protected surface and ground water. Clean Water Funding appropriated to BWSR also will provide oversight of the local government units that receive these dollars to insure accountability and transparency for the public by reporting the outcomes of these dollars. BWSR received a total of \$816,000 (\$250,000 in Clean Water Program Oversight and \$541,000 in Clean Water Program Administration) to provide oversight and administration of Clean Water Fund dollars. BWSR has funded three full-time positions charged with getting protection and TMDL-derived restoration strategies adopted into local water plans, directing \$30 million of grant funds to priority areas and activities, and aligning administrative procedures to optimize leveraging of non-state funds with low transaction costs. In our efforts to document results and increase technical capacity for the local delivery system, a training program coordinator position has been established. Portions of two other technical staff positions with duties related to reporting and outcomes are being funded with these dollars. As appropriations for non-point restoration and protection continue to ramp up, BWSR funding for additional full-time staff may be necessary to insure that local implementation produces real-world outcomes.

Appendix

List of FY 2010 Clean Water Fund Grant Recipients

County	Awarded Organization	Local Contact Information	CWF Awarded	Project Title	Project Summary
Becker	Pelican River Watershed District	Tera Guetter (218) 846-0436	\$ 250,000	Rice Lake Wetland Nutrient Reductions	The project will provide nutrient reductions to downstream recreational water bodies by restoring the Rice Lake Wetland from its current area of 434 acres to pre-ditched water levels of approximately 896 acres.
Hennepin	Shingle Creek Watershed Management Organization	Ed Matthiesen (763) 553-1144	\$ 160,000	New Hope 45th Avenue Pond Improvements Project	This project will consist of retrofitting a dry storm water basin, constructing a new pre-treatment cell, creating new wetland, and reconfiguring the existing inlets and the outlet for better water quality treatment. This project is specifically identified in the Twin-Ryan Lakes TMDL .
Crow Wing	Crow Wing SWCD	Melissa Barrick (218) 828-6197	\$ 180,000	Recharge! Restoring Natural Hydrology to Crow Wing County Urban Communities	Crow Wing SWCD will assist lake associations and lakeside communities including Cross Lake, Crosby and Breezy Point along with the Thirty Lakes Watershed District to install up to 10 raingardens and other stormwater infiltration practices. Lake associations and other landowners will convert up to 20 riparian lots from turf lawns to natural vegetation. Water quality trend information identified in the comprehensive local water management plan was used to target lakes where water quality trends were a concern.
Scott	Scott Watershed Management Organization	Paul Nelson (952) 496-8475	\$ 80,553	Native Grass Cost Share and Incentives For Runoff Reduction	This project will reduce runoff by establishing at least 75 acres of native grass on private lands in priority subwatersheds of the Sand Creek Watershed by offering incentives and establishment of cost assistance to landowners to convert row crops to native vegetation above resources available from existing programs used to establish vegetation.
Scott	Scott Watershed Management Organization	Paul Nelson (952) 496-8475	\$ 371,000	Upper Porter and Picha Creek Restorations, Scott County	This project will implement specific projects that address strategies identified in the comprehensive local water management plan and will consist of stabilizing over 3,000 feet of eroding stream channel, eliminating a fish migration barrier, and improving aquatic and riparian habitat by increasing sinuosity, rebuilding the incised channel, and recreating the floodplain in Porter and Picha Creeks. Landowner discussions, alternative selection and design alternatives have been accomplished or are in process.

County	Awarded Organization	Local Contact Information	CWF Awarded	Project Title	Project Summary
Rock	Rock SWCD	Douglas Bos (507) 283-8862	\$ 25,000	Rock River Stream Bank Stabilization and Turbidity Reduction	One of the objectives listed in the Rock River TMDL Implementation Plan is streambank stabilization. This project will address the turbidity impairment at three high-erosion sites along the Rock River by stabilizing stream banks using rock j-hooks, erosion control fabric, willow bundles and back-sloping the eroded stream banks.
Ramsey	Ramsey Washington Metro Watershed District	Clifton Aichinger (651) 792-7957	\$ 500,000	Maplewood Mall Stormwater Infiltration Retrofit Project	Kohlman Lake is impaired and located in a fully, developed watershed with a high degree of commercial land use. This project will construct infiltration best management practices (porous pavement, tree boxes, cisterns and rainwater gardens/bioretention areas) throughout 7.9 acres of the Maplewood Mall parking lot to intercept up to the first 2 inches of stormwater runoff.
Nobles	Nobles SWCD	Ed Lenz (507) 376-9150	\$ 157,058	Kanaranzi –Little Rock Watershed District Stimulus Project Completion	This project will complete a series of sediment control best management practices that were identified and initiated with federal funds. Projects include installing 18 water and sediment control structures, one 1,750-foot grassed waterway, two water and sediment control structures, one 4,350-foot grassed waterway, and one 2,450-foot grassed waterway.
Wright	Clearwater River Watershed District	Dennis Loewen (320) 274-3935	\$ 70,900	Reducing Phosphorus Loads to Lake Betsy by Protecting Willow Creek	Stormwater runoff from the city of Kimball drains untreated into Willow Creek, a trout stream and tributary to Lake Betsy, which is impaired by excess nutrients. This project targets phosphorus removal for Lake Betsy as identified in the Upper Watershed TMDL Studies for the Clearwater River Watershed and protection to trout habitat by infiltrating the 1.5-inch storm event off 428 acres in and around the city of Kimball.
Aitkin	Aitkin SWCD	Janet Smude (218) 927-6565	\$ 33,900	Water Quality Improvement Projects for the Big Sandy Lake Watershed	This project will assist shoreland owners in implementing conservation practices identified in the Big Sandy Lake TMDL as well as the county comprehensive water management plan. This project will install 1,585 square feet of buffer strip, two rain gardens, upgrade a feedlot, and stabilize an eroding access to the lake. An eroding drainage channel to Lake Minnewawa and an eroding lakeshore will be stabilized.

County	Awarded Organization	Local Contact Information	CWF Awarded	Project Title	Project Summary
Dakota	Gun Club Watershed Management Organization	Eric Macbeth (651) 675-5300	\$ 90,000	Schwanz Lake Direct-Drainage Targeted Neighborhood Runoff-Reduction Project	This project is a targeted and measured stormwater runoff-reduction project that will add an additional 20 street-side bioretention practices in a 28-acre residential neighborhood that directly discharges untreated stormwater runoff into Schwanz Lake, an impaired water body.
Dakota	North Cannon River Watershed Management Organization	Laura Jester (651) 480-7777	\$ 150,000	North Cannon River Watershed Runoff Reduction Project	This project will reduce runoff and decrease movement of sediment, nutrients, and bacteria by prioritizing and installing numerous targeted structural practices in the Trout Brook subwatershed of the Canon River specified in TMDL implementation plans for turbidity and bacteria impairments on the Cannon River. This project will also provide 10-year extensions to 67 acres of expiring CRP contracts with over 50% Highly Erodible Land soils that are not eligible for CRP re-enrollment. CRP easements in critical areas that have already established stands of native vegetation will be extended rather than expire and be removed.
Wilkin	Wilkin SWCD	Don Bajumpaa (218) 643-2933	\$ 256,410	Whiskey Creek Water Quality Improvement/Sediment Reduction Project	This project will install 112 side inlets, 28 miles of sediment control structures, and 35 acres of buffers strips. In addition, 250 acres of no-tillage, 700 acres of minimum tillage, 1,000 acres of cover crops, 5 miles of windbreaks, and 200 acres of vegetative buffer strips will be established. These erosion control and sediment reduction activities will reduce sediment loading to Whiskey Creek, a turbidity-impaired tributary to the Red River of the North.
Yellow Medicine, Lincoln, and Lyon	Yellow Medicine River SWCD	Pauline VanOverbeke (507) 694-1630	\$ 90,125	SWCDs CWF 2010 Project for the Yellow Medicine Major Watershed	This project will address water quality impairments in the Yellow Medicine Watershed by offering signing incentives to enroll 20 acres of filter strips/buffers within 1,000 feet of a water course and/or in priority areas into a 15-year CRP Contract and to enroll 20 acres into the CRP Farmable Wetland Program. In addition, 100 open intakes will be replaced with alternative intakes and one to three rain gardens will be installed.
Blue Earth	Blue Earth SWCD	Jerad Bach (507) 345-4744	\$ 246,750	Reducing turbidity using natural channel management in the LeSueur River	This project will help to reduce turbidity in the impaired Le Sueur River and improve fisheries habitat by improving stream channel design and establishing floodplain benches and toe-slope protection using economical, natural materials on four eroding bluffs.

County	Awarded Organization	Local Contact Information	CWF Awarded	Project Title	Project Summary
Rice, Goodhue, Steele and Waseca	Rice SWCD	Steven Pahs (504)332-5408	\$ 150,000	Targeted Buffer Installation in the Cannon River Watershed	This project will provide incentives to install 400 acres of riparian buffers in targeted areas of the Cannon River as part of the Cannon River TMDL.
Benton	Benton SWCD	Gerry Maciej (320) 968-5300	\$ 16,500	Benton SWCD Animal Waste Management and Irrigation Water Management	This project will assist landowners to implement practices that protect the water quality of Little Rock Creek, a designated trout stream currently impaired for biota, and several nutrient-impaired lakes in Benton County. Specifically, the project aims to reduce groundwater usage through irrigation management, upgrade feedlot and conduct nutrient management demonstrations to reduce nutrient inputs on cropland. These conservation practices address identified water quality concerns in the county's comprehensive local water management plan and the Little Rock Creek TMDL.
Norman and Mahnomen	Wild Rice Watershed District	Curtis Borchert (218) 584-5169	\$ 175,000	Lower Wild Rice River (LWRR) Turbidity Project	The Lower Wild Rice River is a turbidity-impaired tributary to the Red River of the North. This project will be used to assist landowners with implementation of identified conservation practices of buffer strips, sediment control basins and side inlet structures in the priority sub-watersheds of South Branch of the Wild Rice River, Moccasin Creek and Marsh Creek as identified in the Lower Wild Rice River TMDL Implementation Plan and the counties' comprehensive local water management plans .
Hennepin	Minnehaha Creek Watershed District	Julie Westerlund (952) 471-0590	\$ 224,224	Go Blue! Diamond Lake Community Makeover 2010	This citizen-initiated project partners public and private organizations to fund a series of integrated neighborhood infiltration activities targeting a priority resource. This project will install 50 raingardens on residential properties, and install pervious pavement systems on 10 patios, 6 driveways, and 15 walkways. A pervious pavement patio, raingarden, and RainXChange system will be installed at the Diamond Lake Lutheran Church and at Pearl Park.
Hennepin	Bassett Creek Watershed Management Organization	Len Kramer (952) 832-2781	\$ 360,000	Bassett Creek and Plymouth Creek Stream Stabilization Projects	This project will restore and protect 3/4 mile of Plymouth Creek and 1 mile of Bassett Creek from erosion as identified in the Medicine Lake TMDL.

County	Awarded Organization	Local Contact Information	CWF Awarded	Project Title	Project Summary
Washington	Brown's Creek Watershed District	Karen Kill (651) 275-1136	\$ 62,000	Stillwater Country Club Water Quality Improvements	This project will improve water quality of two high-priority and impaired waters, Brown's Creek and the St. Croix River, by increasing volume control through the expansion of an existing raingarden and installation of a cistern to reuse stormwater. The project will also result in the installation of a series of raingardens, the stabilization of a small gully and native buffer establishment along wetlands.
Mille Lacs and Benton	Mille Lacs SWCD	Susan Shaw (320) 983-2160	\$ 68,950	Randy Miskowic Shoreline Restoration and Accelerated Nutrient and Manure Management Planning	This project will provide financial incentives through cost sharing on an erosion-control project to protect water quality on the Rum River, a valuable water resource and sport fishery. The project also will provide technical assistance to landowners to implement nutrient management conservation practices identified in targeted areas of the Groundhouse River Turbidity and Bacteria TMDL Implementation Plan and the county comprehensive local water management plan.
Kanabec and Mille Lacs	Snake River Watershed Management Board	Teresa Bearce (320) 679-6456	\$ 133,083	Snake River Watershed Nutrient and Sediment Reduction Project.	This project will protect 500 linear feet of shoreland and install 200 linear feet of riparian buffers, one sediment basin, 800 linear feet of exclusion fencing, one wetland restoration, and 1 grassed waterway in identified priority management areas within the Snake River Watershed as identified in the counties' comprehensive local water management plans and in the Groundhouse River Turbidity and Bacteria TMDL Implementation Plan.
Dakota	Dakota SWCD	Laura Jester (651) 480-7777	\$ 150,000	Stormwater Retrofit Partnership in Dakota County	This project will complete up to five bioretention retrofits and other stormwater best management practices at public facilities to achieve water quality goals identified in TMDLs and local water management plans throughout Dakota County.
Hennepin	City of Savage	Sam Lucido (952) 882-2686	\$ 130,000	Utica Ravine Stabilization, Savage Minnesota	The City of Savage, in partnership with the Scott WMO, will stabilize 730 feet of significant erosion at the upstream end of Utica Ravine as identified in the Credit River TMDL Study.

County	Awarded Organization	Local Contact Information	CWF Awarded	Project Title	Project Summary
Ramsey	Capitol Region Watershed District	Mark Doneaux (651) 644-8888	\$ 665,000	Green Infrastructure for the Central Corridor Light Rail Transit (CCLRT)	The Capitol Region Watershed District, in partnership with Saint Paul, Ramsey County and Met Council, will install an integrated tree-infiltration trench system along both sides of University Avenue within Saint Paul as part of the Central Corridor Light Rail Transit project. 20 additional best management practices (raingardens, stormwater planters, and infiltration trenches) will also be installed on adjacent connecting streets.
Pennington	Pennington SWCD	Bryan Malone (218) 683-7075	\$ 77,600	Erickson Group Streambank Stabilization	Over 1/4 mile of eroding streambank immediately upstream on the reservoir on the Thief River will be stabilized using a combination of rock armor and vegetation that will affect the drinking water supply of Thief River Falls. The Thief River is a turbidity-impaired tributary of the Red River of the North and target actions for drinking water protection are identified in the county's comprehensive local water management plan.
Nobles	Nobles SWCD	Ed Lenz (507) 376-9150	\$ 21,872	Nobles County Conservation Structural Practices	This project is a priority in the local water management plan and will reduce erosion by installing one grassed waterway near the impaired Lake Okabena and two J-Hook structures in the turbidity impaired Jack Creek.
South St. Louis	South St. Louis SWCD	RC Boheim (218) 723-4867	\$ 72,690	Knife River Sediment Reduction BMP Implementation	This project will use tree planting, riparian buffer establishment and stormwater treatment practices to reduce direct sediment discharge and high peak flows that erode banks and contribute to the turbidity impairment of the Knife River an important trout stream tributary to Lake Superior. These conservation practices are identified in the Knife River TMDL Implementation Plan and the South St. Louis County Comprehensive Local Water Management Plan.
Hennepin	Nine Mile Creek Watershed District	Kevin Bigalke (952) 835-2078	\$ 136,000	Hopkins Streambank Stabilization and Habitat Restoration Project	This project addresses bank erosion and stream instability through creek channel realignment, restoration and re-vegetation, and storm pond improvements. Improved in-stream habitat will help address the Nine Mile Creek biota impairment.
Ramsey	Grass Lake Watershed Management Organization	Michael Goodnature (651) 266-7274	\$ 32,000	Aladdin Street Bio-Infiltration Basin Retrofit Installation	This project address a priority in the local water management plan and will install a bio-infiltration basin to capture stormwater runoff from a 2.3 acre site before it enters a protected wetland.

County	Awarded Organization	Local Contact Information	CWF Awarded	Project Title	Project Summary
Blue Earth and 8 neighboring counties	Greater Blue Earth River Basin Alliance (GBERBA)	Kay Clark (507) 831-1153	\$ 243,250	Implementing Targeted BMPs in the Greater Blue Earth River Watershed	This project will implement targeted activities associated with the Lower Minnesota River Dissolved Oxygen TMDL. This project will install approximately 15 BMPs to stabilize riparian zones and 10 urban stormwater BMPs.
Goodhue	Goodhue SWCD	Glen Roberson (651) 923-5286	\$ 105,450	Minneola Township Water Retention / Watershed Enhancement Project	This project will construct 7 grade stabilization structures. Benefits of the project include: reducing erosion and sedimentation to North Fork of Zumbro River, protection of public roads, water retention, wildlife habitat creation and enhancement, and increased groundwater recharge.
Stevens	Stevens SWCD	Matt Solemsaas (320)589-4886	\$ 84,000	Stevens County Water Quality Initiative	This project will establish up to 12 miles of riparian buffers along the Pomme de Terre River and its tributaries and install up to 5 raingardens in Morris and Chokio as identified in the Pomme de Terre TMDL Implementation Plan.
Aitkin, Mille Lacs and Crow Wing	Aitkin SWCD	Janet Smude (218) 927-6565	\$ 73,543	Implementation Projects for the Mille Lacs Lake Watershed	Mille Lacs Lake is a world-class walleye fishery that covers several local government jurisdictions. Protecting this resource is an important part of the comprehensive local water management plans for the surrounding counties. This project will provide assistance towards implementing stormwater treatment practices including vegetated infiltration basins, native shoreline buffers and other bioretention conservation practices.
Stearns	Stearns SWCD	Dennis Fuchs (320) 251-7800	\$ 149,704	Watershed Based Infiltration For Middle Spunk Lake	Low Impact Development practices and water quality protection for Middle Spunk Lake are priorities in the county comprehensive local water management plan. This project will systematically implement approximately 30 stormwater treatment practices in a community adjacent to Middle Spunk Lake and include rain gardens, infiltration swales and bioretention basins.
Redwood, Cottonwood	Redwood-Cottonwood-Rivers Control Area	Marilyn Bernhardson (507) 637-2427	\$ 75,000	SWCD's Incentives and BMPs in the Redwood and Cottonwood Watersheds	This project will use incentives and structural BMPs to target riparian buffer strips and erosion control practices that are identified in the Lower Minnesota DO TMDL and county comprehensive local water management plans. Specifically, this project aims to install 1,275 feet of terraces, 5 sediment basins, 3750 feet of waterways, 1,250 feet of diversions, and 1 grade stabilization structure.

County	Awarded Organization	Local Contact Information	CWF Awarded	Project Title	Project Summary
Stearns	Stearns Soil and Water Conservation District	Dennis Fuchs (320) 251-7800	\$ 250,000	Enhanced Shoreline Restoration, Infiltration and Protection Program	This project will provide technical and financial assistance to landowners to restore shoreline vegetation, develop stormwater infiltration areas and protect riparian areas permanently through deed restrictions associated with the practices and the property. Approximately 20 shoreland restoration projects will be installed on nutrient impaired lakes or other high value water resources that are identified in the Stearn's County Comprehensive Local Water Management Plan.
Sherburne	Sherburne Soil and Water Conservation District	Mark Basiletti (763) 241-1170	\$ 81,600	Sherburne SWCD 2010 Land Treatment Projects	This project will provide technical and financial assistance to landowners and the community to install conservation practices identified in the comprehensive local water management plan. Specifically, the project will implement 1) shoreland conservation practices along the nutrient impaired Fremont Lake, 2) streambank protection and native vegetation establishment along the Rum River, a tributary to the Mississippi River and 3) installation of bioretention stormwater treatment practices in the City of Elk River to mitigate stormwater runoff to the Mississippi River.
Pope	Pope Soil and Water Conservation District	Luan Johnsrud (320) 634-5327	\$ 209,179	Glenwood Dairyland Basin Stormwater Mitigation Project	This project will protect water quality and reduce stormwater and sediment discharge to Lake Minnewaska from the City of Glenwood. The SWCD will provide technical and financial assistance to repair and stabilize existing gullies, remove an impervious lakeside parking lot and install rain gardens that will gather and infiltrate stormwater runoff from the surrounding area. Lake Minnewaska and the identified conservation practices are priorities in the Pope County Comprehensive Local Water Management Plan
Hennepin	Shingle Creek Watershed Management Organization	Ed Matthiesen (763) 553-1144	\$ 105,237	Shingle Creek Restoration, I-94 to CR 10, Brooklyn Center	As identified in the local water management plan and in the Shingle Creek Stressor Identification as part of the Shingle Creek Biotic TMDL, this project will restore approximately 5,000 feet of Shingle Creek with native buffer, streambank stabilization, improved aeration, and enhanced in-stream habitat.

FY 2010 Clean Water Fund SSTS Grants

County	Awarded Organization	Local Contact	Grant Amount Awarded		Project Title	Project Summary
			SSTS Imminent Health Threat Abatement	SSTS Program Enhancement		
Benton	Benton County	William Mayland 320-968-5065		\$2,000	Benton County SSTS Inventory	Benton County will create an SSTS database of shoreland lots on Little Rock Lake, Little Rock Channel, Mayhew Lake, Donovan Lake, Bible Duck Slough, Pularskis Lake and the Mississippi River and then will conduct and inventory based on that data.
Blue Earth	Blue Earth County	Peter Otterness 507-304-4381		\$26,000	Improving Blue Earth County's SSTS permitting and management system and increasing SSTS compliance to improve surface water quality and protect groundwater quality.	This project will develop a county SSTS database to better track compliance inspections, permitting requirements, and meet the SSTS goals of the Blue Earth River Fecal Coliform TMDL.
Carver	Carver County	Greg Aamodt 952-361-1804		\$50,000	TMDL SSTS direct discharge enforcement	This project will enhance enforcement efforts and will result in the County leveraging funds for incentive payments for landowners to install compliant systems.
Cass	Cass County	John P. Ringle 218-547-7241	\$45,000	\$55,000	2010 Cass County SSTS Program	The project will undertake an SSTS inventory of Roosevelt, Lawrence, Leavitt, and Smokey Hollow Lakes along with database development, enhanced enforcement and landowner education. In addition, Community cluster retrofit system will be designed on Cass Lake and an additional SSTS system will be replaced.

County	Awarded Organization	Local Contact	Grant Amount Awarded		Project Title	Project Summary
			SSTS Imminent Health Threat Abatement	SSTS Program Enhancement		
Chisago	Chisago County	Jerry Spetzman 651-213-8383	\$40,000	\$135,000	Chisago County - Inventory, Find, and Fix Failing & IHT Septic Systems	This project will continue to develop the Chisago County SSTs inventory to find failing systems and provide enforcement for the backlog of SSTs workload from past ITPHS inventory work. In addition, a total of 8 ITPHS will be replaced through this project.
Crow Wing	Crow Wing County	Chris Pence 218-824-1123	\$18,000		Crow Wing County Septic System Assistance Program	A total of 3 ITPHS will be replaced through this project.
Dodge	Dodge County	Dean Schrandt 507-635-6273	\$88,777		Dodge County SSTs Imminent Health Threat Abatement Project	A total of 6 ITPHS will be replaced through this project.
Douglas	Douglas County	Jerome Haggemiller 320-763-3191		\$142,000	Douglas County Comprehensive SSTs Enhancement Program	This comprehensive project will target lakes and riparian areas to inventory SSTs, develop a useful database, provide additional enforcement, and develop more strategic county policies.
Faribault	Faribault County	Michele Stindtman 507-526-2388		\$21,693	Faribault County SSTs Compliance and Maintenance Program	This project will increase education and awareness of SSTs issues within the county and also will result in greater enforcement of county SSTs pumping requirements.
Freeborn	Freeborn County	Richard Hoffman 507-377-5186	\$52,000		2010/11 Freeborn County Subsurface Sewage Treatment System Solution	A total of 10 ITPHS will be replaced through this project.
Goodhue	Goodhue County	Beau Kennedy 651-923-5286		\$43,830	Goodhue County Septic System Database Development	Goodhue county doesn't have an electronic database of SSTs and this project would help organize SSTs information that is currently in paper files.

County	Awarded Organization	Local Contact	Grant Amount Awarded		Project Title	Project Summary
			SSTS Imminent Health Threat Abatement	SSTS Program Enhancement		
Houston	Houston County	Bob Scanlan 507-725-5800		\$9,877	BWSR SSTS Program Enhancement Grant - Houston County	This project will results in paper SSTS files within the Root River watershed to be transferred into a GIS parcel layer database system.
McLeod	McLeod County	Mary Creech 320-864-1259	\$24,000		Helping Low Income Households in McLeod County with Imminent Health Threat Septic Systems	A total of 4 ITPHS will be replaced through this project.
Meeker	Meeker County	Paul Virnig 320-693-5200	\$340,000		Mid-Sized Subsurface Sewage Treatment System for Forest City Township Subordinate Service District	Community cluster retrofit system will be installed to treat wastewater from 21 existing homes with imminent health threat septic systems located in an unincorporated area of Meeker County along the North Fork of the Crow River.
Morrison	Morrison County	Mark Anderson 320-632-0171		\$40,000	Morrison County's customized web-based database for management of SSTS	This project will develop a web-based database to organize the current paper file system into an electronic system.
Murray	Murray County	Chris Hansen 507-836-6148	\$90,000		Lime Creek Subordinate Service District Imminent Health Threat Fix Up	A total of 9 ITPHS will be replaced through this project.

County	Awarded Organization	Local Contact	Grant Amount Awarded		Project Title	Project Summary
			SSTS Imminent Health Threat Abatement	SSTS Program Enhancement		
Pipestone	Pipestone County	Kyle Krier 507-825-6765	\$48,000		Pipestone 2010 SSTS Grant Program	A total of 8 ITPHS will be replaced through this project.
Rice	Rice County	Jennifer Mocol-Johnson 507-333-3871	\$30,000	\$80,000	Rice County Environmental Health Program Enhancement funding for Database and Enforcement Initiatives, and Low-Income IPHT Fix-Up Funds	This project will provide SSTS enforcement based on Roberds Lake inventory results and upgrade county SSTS database to better track maintenance requirements of SSTS county-wide. In addition, a total of 5 ITPHS will be replaced through this project.
Dodge, Mower, Waseca, and Winona	Southeast MN Water Resources Board	Linda Dahl 507-457-5223		\$169,600	Southeast Minnesota Septic System Management Database	This multi-county effort will result in an innovative SSTS database that will be developed for Winona, Waseca, Mower, and Dodge Counties.
Wadena	Wadena County	Deana Skov 218-631-7604		\$50,000	Wadena County In-House Database	This project will enable the County to finish and complete a database of information collected from past SSTS inventory work.
Wright	Wright County	Bill Stephens 763-682-7331		\$35,000	Automatic Notification System for Performance SSTS Monitoring and Maintenance Plans	This project will result in paper SSTS files being transferred into an electronic database and permitting system.
	Total Grant Funds Awarded		\$775,777	\$860,000		

Funded FY 2010 Clean Water Fund and General Fund Feedlot Water Quality Management Grant Projects

County	Applicant Organization	Local Contact Information	Grant Amount Awarded*	Number of Projects
Aitkin	Aitkin SWCD	Janet Smude 218-927-6565	\$4,315	1
Benton	Benton SWCD	Gerry Maciej 320- 968-5300	\$269,368	4
Brown	Brown County	Desiree Hohenstein 507-233-6642	\$10,000	1
Carver	Carver County	Greg Aamodt 952-361-1804	\$99,000	10
Chisago, Washington	Comfort Lake-Forest Lake WD	Randy Anhorn 651-209-9753	\$73,000	2
Dodge	Dodge County	Dean Schrandt 507-635-6273	\$29,650	5
Douglas	Douglas SWCD	Jerome Haggenmiller 320-763-3191	\$19,875	1
Fillmore	Fillmore SWCD	Donna Rasmussen 507-765-3878	\$194,000	3
Goodhue	Goodhue SWCD	Glen Roberson 651-923-5286	\$75,240	1
Morrison	Morrison SWCD	Helen McLennan 320-616-2479	\$275,000	5
Nobles	Nobles SWCD	Ed Lenz 507-376-9150	\$35,516	1
Pipestone	Pipestone SWCD	Kyle Krier 507-825-6765	\$44,050	1
Renville	Renville SWCD	Karen Flom 320-523-1559	\$109,423	3
Stearns	Sauk River WD	Lynn Nelson 320-352-2231	\$5,000	1
Stearns	Stearns SWCD	Dennis Fuchs 320-251-7800	\$118,603	5
Waseca	Waseca SWCD	Marla Watje 507-835-4800	\$26,500	1
Winona	Winona SWCD	Brein Rose Maki 507- 523-2171	\$267,390	9
Total Feedlot Water Quality Management Grant Funds Awarded			\$1,655,930	

*Grant awards do not reflect total project costs

Funded FY 2010 Clean Water Fund Conservation Drainage Grants

County	Awarded Organization	Local Contact Information	Grant Amount Awarded	Project Title	Project Summary
Carver	Carver SWCD	Mike Wanous 952.466.5235	\$ 40,000	Carver County Ditch #4A Sediment Pond	The purpose of this project is to install a sediment pond along County Ditch #4A to trap sediment and pollutants before entering Bevens Creek. The construction of the sediment pond would coincide with a repair of the ditch to restore it to the original condition.
Freeborn	Greater Blue Earth Basin Alliance	Kay Clark David Bucklin 507.831.1153	\$ 39,798	Cobb River Ditch Conservation Drainage Assessment	This project will develop local implementation strategies to reduce sediment yield from the Cobb River ditch sub-watershed. The effort will consider: culvert sizing; ravine stabilization practices; side inlet controls; alternative tile intakes; wetland restoration; perennial biofuel crops; field erosion control practices; stream bank stabilization; perennial buffer strips; cover crops; controlled drainage; and other considerations. A targeted and prioritized 5-year implementation plan will be developed to achieve effective and long-term flow control and sediment yield reduction.
Kandiyohi & Meeker	Middle Fork Crow River Watershed District	Chad Anderson 320.796.0888	\$ 15,602	Conservation Drainage in the Middle Fork Crow River Watershed	This proposal is for the implementation of a pilot project that focuses on drainage water management via the installation of controlled drainage systems. Such systems have proven to significantly reduce water volumes, total phosphorus and nitrate export to receiving waters while improving crop yields. The program employs a plot study to quantify the impact of controlled drainage systems in West-Central Minnesota, the long-term goal of which will be to promote a broader acceptance of such practices in the region.
Mower	Mower SWCD	Bev Nordby 507.434.2680	\$ 71,600	Root River Conservation Drainage Integrated Whole Farm Designs	Established filtration basin provides conservation benefits, and this project will establish and improve unmet monitoring and related installation needs at this site southwest of Grand Meadow. This proposal increases filtration basin storage capacity, treats subsurface flow with managed drainage, and a woodchip bioreactor, and treats surface runoff with rock trench side inlets. Partners will conduct outreach and evaluate the applicability of these practices throughout the area.
Stearns & Pope	North Fork Crow River Watershed District	Allan Kuseske 320.346.2410	\$ 33,000	Flood Damage Reduction in Judicial Ditch 1 Watershed	A flood damage reduction master plan will be prepared for the Judicial Ditch 1 watershed, which is tributary to the North Fork of the Crow River. Existing culverts within the watershed will be re-sized to reduce peak flow rates, flood damages and erosion potential downstream. In addition to reducing peak flow rates, flood damages and downstream erosion, increased sediment and nutrient removal through extended detention time is expected.

July 6, 2010

Ms. Linda Loomis, Chair
Bassett Creek Watershed Management Commission
c/o BARR ENGINEERING COMPANY
4700 West 77th Street
Minneapolis, MN 55435-4803

SUBJECT: BASSETT CREEK WATERSHED CIP PROJECT NL-2 (POND NB-07 DREDGING)

Dear Ms. Loomis:

The Capital Improvement Program (CIP) of the Bassett Creek Watershed Management Commission (BCWMC) indicates a levy in 2013 for the dredging of pond NB-07 in the City of Plymouth for which a feasibility study for this project would likely be needed in 2012. Pond NB-07 is located adjacent to the south side of the Four Seasons Mall in Plymouth (see Figure 1) and just west of State Highway 169. The purpose of this project as proposed in the BCWMC CIP is to reduce the discharge of phosphorus to Northwood Lake by 14%.

The City of Plymouth is submitting an application to the Metropolitan Council for a Livable Communities 2010 Pre-Development Grant for funding that will allow for the review and analysis of the redevelopment of the Four Seasons Mall property through the completion of site design alternatives, market analysis, transportation planning and environmental planning. The intent of any redevelopment on this property would be to improve the surface water storage capacities and to improve the water quality (provide storm water treatment) prior to it leaving the City of Plymouth. With the need to improve the storm water facilities on the property, the opportunity exists with this grant to provide an environmentally sensitive design that also brings the water amenities into the site. With the current market conditions, reevaluation on how to enhance the wetlands and storm water flow through and around the site through exploration of design alternatives will not only improve the natural resources but provide an amenity for the site and the surrounding neighborhoods.

The City of Plymouth is reviewing the possibility of coordinating the re-development of this area with the BCWMC, Hennepin County, and possibly others. Coordination of the re-development of the Four Seasons Mall site with the potential capital project in the Bassett Creek Watershed has the following advantages:

1. This is a unique opportunity to review the potential for combining the re-development and water quality goals of the City of Plymouth with the water quality goals of the BCWMC.

2. Although still under discussion, the Minnesota Pollution Control Agency has indicated that future projects which impact a natural resource for the protection of another may not be eligible for credit toward an approved Total Maximum Daily Load.
3. NB-07 is designated as wetland and dredging portions of the wetland for water quality ponding within its bounds is likely to require wetland mitigation, as was the case with the West Medicine Lake Park Ponds. A review of the alternatives to meet the water quality goals of the BCWMC may produce a more cost-effective option to improving water quality.

The City of Plymouth is requesting the BCWMC Engineer be authorized to coordinate with Plymouth staff in the development of this potential project as it relates to the Commission's water quality goals. It is anticipated this coordination could result in a feasibility study for the NB-07 pond dredging project.

If you have any questions, please do not hesitate to contact me directly at 763-509-5526.

Sincerely,

Derek Asche
Water Resources Manager

Cc: Geoff Nash, Administrator
Doran Cote, Director of Public Works
Steve Juetten, Director of Community Development

Figure 1. Map of NB-07 and Four Seasons Mall





Item 6A

June 24, 2010

Mr. Darin Ellingson
MFRA
14800 28th Avenue N., Suite 140
Plymouth, MN 55447

RE: Medicine Lake May 2010 Draft Local Water Management Plan

Dear Mr. Ellingson,

At its June 17, 2010, meeting, the Bassett Creek Watershed Management Commission (BCWMC) approved forwarding the attached comments to the City of Medicine Lake regarding the BCWMC's review of the City's May 2010 *Local Water Management Plan*. The BCWMC would like the City to respond to the comments. The BCWMC will discuss the City's response at the Commission's July 15, 2010 meeting, if comments are received by July 7th.

The attached comments were revised based on discussion of the plan at the June 17 Commission meeting. The revisions were made to the comments to address the Commission's concerns regarding the floodplain downstream of the Medicine Lake outlet, and setting a timeline for development of the erosion and sediment control ordinance. Please see comment items #17 and #21 to see these revisions.

Sincerely,

A handwritten signature in black ink that reads "Karen L. Chandler".

Karen L. Chandler, P.E.
Barr Engineering Co.
Engineers for the Bassett Creek Watershed Management Commission

4700 West 77th Street
Minneapolis, MN 55435
952-832-2813

Enclosure

c: Mary Anne Young, Mayor, City of Medicine Lake
Cheri Templeman, City of Medicine Lake
Ted Hoshal, City of Medicine Lake
John O'Toole, City of Medicine Lake
Amy Herbert, BCWMC Recording Secretary
Geoff Nash, BCWMC Administrator
Jack Frost, Metropolitan Council Environmental Services



Barr Engineering Company
4700 West 77th Street • Minneapolis, MN 55435-4803
Phone: 952-832-2600 • Fax: 952-832-2601 • www.barr.com An EEO Employer

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Memorandum

To: Bassett Creek Watershed Management Commission
From: Barr Engineering Company
Subject: Item 6A – BCWMC Review of City of Medicine Lake Local Water Management Plan
BCWMC June 17, 2010 Meeting Agenda
Date: June 9, 2010 **and Revised June 18, 2010**
Project: 23/27-0051 2010 073

Recommended/requested Commission actions:

1. Forward these comments to the City of Medicine Lake regarding the BCWMC's review of the City's Local Surface Water Management Plan.
2. Consider approval of the City's LWMP upon receipt of the City's responses to the issues outlined in this memorandum.

Summary

We have reviewed the City of Medicine Lake's *Local Water Management Plan* (LWMP) for conformance with the BCWMC Watershed Management Plan (Plan). Overall, the LWMP addresses most of the BCWMC's requirements. An important element of the LWMP is the description of the City's cooperative relationship with BCWMC for reviewing and permitting of projects.

Metropolitan Council Comments:

In their May 26, 2010 letter to the BCWMC (attached), the Metropolitan Council stated that the City's LWMP is consistent with the Council's *Water Resources Management Policy Plan*. The Metropolitan Council did identify several areas in which the plan should be improved, including the development of City ordinances to ensure compliance with City and BCWMC standards, and additional detail in the City's CIP.

BCWMC Staff Comments

Staff has reviewed the City's LWMP based on a comparison of the LWMP with the BCWMC Plan requirements. Staff comments follow and are listed in Table 1. This memo concludes with additional staff comments comparing the LWMP to statutory requirements (which are also in the BCWMC Plan). Comments in **bold** indicate issues where revisions to the LWMP are required or recommended. The most significant issues include:

- Discussion of structures located within the FEMA floodplain.
- Clarification of the review/permitting roles of the City and BCWMC, including references to the *BCWMC Requirements for Improvements and Development Proposals*.
- The need for the City to develop an erosion and sediment control ordinance or incorporate similar controls into other City ordinances.

Table 1. Comparison of BCWMC Plan Requirements with the Medicine Lake LWMP Elements.

BCWMC Local Plan Requirement/Expectation	Medicine Lake LWMP Review
<p>1. Classify water bodies into one of four BCWMC management categories (Level I – IV) based on water quality goals and recreational uses of the water bodies (Section 4.2.2.1, policy B).</p>	<p>Requirement met.</p> <p>No policy of the LWMP states that the City adopts the management classifications of the BCWMC; however, in Section III D.1, the LWMP mentions that Medicine Lake is defined as a BCWMC Level 1 management classification.</p>
<p>2. Implement (with BCWMC) the water quality improvement options listed in Table 12-2 (Section 4.2.2.1, policy D).</p>	<p>Requirement met.</p> <p>Tasks in the BCWMC Plan 10 year CIP (Table 12-2) that apply to the City of Medicine Lake include the reduction in goose loadings (ML-2) and in-lake herbicide treatment (ML-7).</p> <p>To address the reduction in goose loadings (ML-2), Item B.2.7 of Section IV identifies annual management of the goose population as a corrective action to help improve the water quality in Medicine Lake. Additionally, Item G.2.2 of Section IV identifies encouraging natural unmaintained buffer zones around natural and constructed water bodies to discourage the habitation of lawns by geese.</p> <p>The in-lake herbicide treatment (ML-7) was completed by the City of Plymouth in 2005, 2006, and 2008. It is considered that this CIP item has been completed.</p>
<p>3. List the impaired waters in BCWMC that affect the city, acknowledge the need for a TMDL study at some point in the future, and identify the city's role in completing and/or implementing TMDL studies. In BCWMC, the impaired waters are Bassett Creek, Medicine Lake, Northwood Lake, Parkers Lake, Sweeney Lake, and Wirth Lake (Section 4.2.2.1, policy G).</p>	<p>Requirement met.</p> <p>Item B.8.2 of Section II of the LWMP identifies that Medicine Lake is listed on the MPCA impaired waters list for nutrient/eutrophication biological indicators. Item D.7.2 of Section II also mentions the listing of Medicine Lake on the impaired waters list for mercury with the completion of the regional TMDL. Item D.7.2 of Section II also lists Medicine Lake as impaired by nutrient/eutrophication biological indicators with a draft TMDL in place that has assigned phosphorus reduction goals to all communities within the watershed. Additionally, Policy C.12 of Section III states the goals and policies will be implemented and updated as necessary to meet BCWMC and MPCA's TMDL phosphorous reduction requirements.</p>

To: Bassett Creek Watershed Management Commission
From: Barr Engineering Company
Subject: Item 6A – BCWMC Review of City of Medicine Lake Local Water Management Plan
Date: June 9, 2010 **and Revised June 18, 2010**
Page: 3

BCWMC Local Plan Requirement/Expectation	Medicine Lake LWMP Review
<p>4. Identify the water bodies where water quality monitoring is undertaken by the city and by others (Section 4.2.2.1, policy I).</p>	<p>The LWMP does not directly identify the water bodies (Medicine Lake) where water quality monitoring has been undertaken or by whom. Section III, Goal B.11 states that the City will coordinate with BCWMC and the Metropolitan Council on water quality monitoring programs within the community and on Medicine Lake.</p> <p>It is recommended that Section II of the LWMP include a brief summary of water quality monitoring in Medicine Lake.</p>
<p>5. Identify any proposed capital improvement projects beyond those listed in Table 12-2 and Table 12-3, and/or the proposed movement of a water quality improvement project from Table 12-3 to Table 12-2 (Section 4.2.2.1, policy J).</p>	<p>Requirement met.</p> <p>Table 4 of the LWMP (LWMP Implementation Program Priorities) identifies and prioritizes various regulatory controls, management programs, and potential capital improvements projects for the City of Medicine Lake. Section VI.B.1 through VI.B.6 also includes several ongoing implementation items.</p> <p>A timeline or cost for implementation has not been assigned to each of the implementation items. Item H.1.1 of Section IV indicates that the City will be updating its CIP in the near future to further identify and prioritize capital improvements within the community.</p> <p>It is recommended that the LWMP include all implementation tasks in a tabular form. Where possible, a proposed date, cost, and funding source should be included for each item.</p>

BCWMC Local Plan Requirement/Expectation	Medicine Lake LWMP Review
<p>6. Comply with the BCWMC's requirement that all regulated stormwater be treated to Level I standards throughout the watershed (Section 4.2.2.2, policy A).</p>	<p>Policy C.1 of Section III of the LWMP states: "All regulated stormwater will be treated from Level 1 standards for new development to non-degradation (no increase in phosphorus load) for redevelopment projects that result in increased impervious surface."</p> <p>It is recommended that the language of Policy C.1 be revised to more clearly distinguish the requirements for new development and redevelopment, or include separate policies for development and redevelopment.</p> <p>Additionally, Policy C.13 of Section III states that the City authorizes the BCWMC to continue to apply its permitting rules and regulations in the city. The BCWMC guidance document <i>Requirements for Improvements and Development Proposals</i> has been incorporated by reference in several locations of the LWMP and has been included as Appendix B.</p> <p>The BCWMC requirements document referenced in this section does not constitute adopted rules and regulations, nor does the BCWMC issue permits. Therefore, policies referencing this document (e.g. Policy C.13) should be revised to accurately reflect the role of BCWMC. For example, Policy C.13 may read "The City authorizes the BCWMC to continue to review development and redevelopment projects according to the guidelines presented in the BCWMC Requirements for Improvements and Development Proposals document..." or similar text.</p> <p>The date associated with the reference to the BCWMC guidance document in several places throughout the LWMP is November 1998, as revised. This reference should be updated to reflect the version included as Appendix B (July 17, 2008, as revised).</p>
<p>7. City shall adopt an ordinance that enforces the Minnesota State Law limiting the use of lawn fertilizers containing phosphorus.</p>	<p>Requirement met.</p> <p>Policy I.6 of Section III of the LWMP states the City will enforce its ordinance relating to lawn fertilizer application control for lawn applications and prohibit phosphorus to be used as fertilizer unless if allowed under Minnesota Statute 18C.60. Also Policy I.6 includes educating about fertilizer use as part of its MS4 permit public education program.</p>

To: Bassett Creek Watershed Management Commission
From: Barr Engineering Company
Subject: Item 6A – BCWMC Review of City of Medicine Lake Local Water Management Plan
Date: June 9, 2010 **and Revised June 18, 2010**
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BCWMC Local Plan Requirement/Expectation	Medicine Lake LWMP Review
<p>8. Comply with the BCWMC’s requirement that there be no increase in phosphorus load (non-degradation) for redevelopment projects that result in increased impervious surface (Section 4.2.2.4, policy A).</p>	<p>Policy C.1 of Section III of the LWMP states: “All regulated stormwater will be treated from Level 1 standards for new development to non-degradation (no increase in phosphorus load) for redevelopment projects that result in increased impervious surface.”</p> <p>Additionally, Policy C.13 of Section III states that the City authorizes the BCWMC to continue to apply its permitting rules and regulations in the city. The BCWMC guidance document <i>Requirements for Improvements and Development Proposals</i> has been incorporated by reference in several locations of the LWMP and has been included as Appendix B.</p> <p>See comments from Item 6 regarding clarification of requirements for new development and redevelopment.</p>
<p>9. Include a buffer policy for land adjacent to water resources (including wetlands) (Section 4.2.2.3, policy A; and Section 8.2.2, policy D).</p>	<p>Requirement met.</p> <p>Policy C.8 of Section III of the LWMP states that for proposed land development adjacent to Medicine Lake and wetlands, the City will follow City ordinance requirements for setbacks and buffers. Additionally, Policy E.8 of Section III of the LWMP states the City will encourage placement of native, unmaintained buffer strips adjacent to wetlands to limit erosion and nutrient transportation to the wetlands, and Policy G.3 states the City will encourage native, unmaintained buffer zones around wetlands and ponding areas in new developments were feasible and practical and in conformance with BCWMC requirements with restrictive easements for these buffers. Specific to the Medicine Lake shoreline, Policies H.1 and H.2 encourage the promotion of shoreline buffer creation and shoreline restoration and the enforcement of the ordinance setbacks and buffer requirements on development projects, respectively.</p> <p>Item B.1 of Section IV states that the City will update all ordinances with wetland and Medicine Lake buffers, easements, and setback, coordinating with BCWMC and MDNR requirements. This is also listed in Table 4 of Section VI (Implementation Program Priorities).</p>

BCWMC Local Plan Requirement/Expectation	Medicine Lake LWMP Review
<p>10. Acknowledge control and responsibility for shoreland regulation (Section 4.2.2.3, policy G).</p>	<p>Requirement met.</p> <p>Item A.1 of Section V outlines the City’s Code of Ordinances which includes the City’s Shoreland Ordinance. Item A.5 of Section V states that the City and BCWMC will assume responsibility for shoreland improvements through its Shoreland ordinance.</p> <p>Item B.1 of Section IV states that the City will update all ordinances with wetland and Medicine Lake buffers, easements, and setback, coordinating with BCWMC and MDNR requirements. This is also listed in Table 4 of Section VI (Implementation Program Priorities).</p>
<p>11. Comply with the BCWMC Plan’s goals and policies regarding water quality (Section 4.2.2.2 Policy A, Section 4.2.2.4, policies A & C), flooding and rate control (contained in Section 5.0 of the Plan) (Section 5.2.2.2, policies C & N) acknowledging BCWMC’s authority to review improvements, developments and redevelopment projects and that cities are to forward such projects to the WMO for review.</p>	<p>The LWMP acknowledges the BCWMC water quality performance standards. Policy C.1 of Section III of the LWMP states: “All regulated stormwater will be treated from Level 1 standards for new development to non-degradation (no increase in phosphorus load) for redevelopment projects that result in increased impervious surface.”</p> <p>See comments from Item 6 regarding clarification of requirements for new development and redevelopment.</p> <p>The LWMP complies with the BCWMC flood and rate control policies. The LWMP policies section (Section III) specifies rate control requirements, minimum building elevations, and acknowledges the authority of the BCWMC to review improvements, developments, and redevelopment projects. Policy B.11 of Section III references the BCWMC <i>Requirements for Improvements and Development Proposals</i> (November 1998, as revised). Section V.C states that the City adopts the BCWMC “Rules and Regulations”.</p> <p>See comments from Item 6 regarding reference to the BCWMC requirements document.</p> <p>Section VII of the LWMP states that all new construction and redevelopment projects will require review by the City and BCWMC.</p> <p>It is recommended that the LWMP policy section contain a policy explicitly stating that the City will forward all development and redevelopment plans to the BCWMC for review and reference Section 3 of the BCWMC requirements document (which details projects triggering BCWMC review).</p>

BCWMC Local Plan Requirement/Expectation	Medicine Lake LWMP Review
<p>12. Acknowledge city's responsibility for implementing BCWMC's development policies (Section 5.2.2.2. Policy B).</p>	<p>Requirement met.</p> <p>The LWMP acknowledges the BCWMC water quality performance standards and references the <i>Requirements for Improvements and Development Proposals</i> in Policy B.11 of Section III and also includes this reference as Appendix B (version dated July 17, 2008). Policy C.13 of Section III states that the City authorizes BCWMC to continue to apply its permitting rules and regulations in the city.</p> <p>See comments from Item 6 regarding references to the BCWMC requirements document.</p> <p>Section VII of the LWMP states that all new construction and redevelopment projects will require review by the City and BCWMC.</p> <p>See comment from Item 11.</p>
<p>13. Identify any proposed changes to the BCWMC flood control project system (Section 5.2.2.1, a number of policies).</p>	<p>Requirement met.</p> <p>There are no BCWMC flood control projects in the City.</p>
<p>14. Acknowledge city's responsibility for maintaining its stormwater management system, for cleaning the BCWMC flood control project features, and for stream maintenance and repairs that are primarily aesthetic improvements (Section 5.2.2.1, policy F, Section 7.2.2, policy J, and Section 12.4.1).</p>	<p>Requirement met.</p> <p>Policy B.9 of Section III of the LWMP states that public stormwater facilities will be regularly inspected and maintained as necessary for adequate operations and that for private stormwater facilities, the City will require maintenance agreements. Policy C.4 of Section III states that the City will continue their maintenance program that regularly inspects and maintains public stormwater management facilities to assure their effectiveness per the NPDES Phase II MS4 permit requirements.</p> <p>There are no BCWMC flood control projects or BCWMC streams in the City.</p>
<p>15. City must require project proposers to apply BMPs to reduce runoff volume to the maximum extent practical. (Section 5.2.2.2. Policy D).</p>	<p>Requirement met.</p> <p>Section II.D.6 of the LWMP states that the City will comply with the BCWMC Plan goals and policies for rate control. The policies section encourages BMPs which reduce runoff volume and reduced impervious area.</p>
<p>16. City must require rate control in conformance with the flood control project system design and the BCWMC Watershed Management Plan.</p>	<p>Requirement met.</p> <p>Policy B.1 of Section III of the LWMP states that the City will require that proposed stormwater discharges as a result of development be equal to or less than existing conditions and if discharge rates are not specified, the discharge rates will be limited to pre-development rates.</p>

To: Bassett Creek Watershed Management Commission
From: Barr Engineering Company
Subject: Item 6A – BCWMC Review of City of Medicine Lake Local Water Management Plan
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BCWMC Local Plan Requirement/Expectation	Medicine Lake LWMP Review
<p>17. Incorporate the BCWMC's adopted 100-year floodplain elevations for the BCWMC's trunk system (Section 5.2.2.2, policy F).</p>	<p>Requirement met.</p> <p>The LWMP adopts a 100-yr floodplain elevation of 890.3 feet for Medicine Lake (Section II.D.3). It is not stated in the LWMP that the adopted floodplain elevation is consistent with the BCWMC floodplain elevation.</p> <p>It is recommended that the LWMP state that this is equivalent to the BCWMC floodplain elevation for Medicine Lake.</p> <p>The LWMP should also note the regulatory floodplain elevation of Bassett Creek, downstream of the Medicine Lake outlet, as this also affects some properties in the city.</p>
<p>18. Meet policies regarding allowed land uses, structures, non-conforming uses and filling in established floodplains (Section 5.2.2.2. Policies G, H, and I),</p>	<p>Requirement met.</p> <p>The City's Floodplain Ordinance is included as an appendix to the LWMP. The ordinance specifies allowable uses and prohibits any action which reduces the capacity of the floodplain.</p> <p>It is recommended that the LWMP include a policy stating that the City will continue to enforce its floodplain ordinance and specify that permitted land uses are defined in that ordinance.</p>
<p>19. Meet the BCWMC's requirement that the lowest floor of all permanent structures be at least 2 feet above the established 100-year floodplain elevation and incorporate this requirement into city ordinances (Section 5.2.2.2, policy J).</p>	<p>Requirement met.</p> <p>Policy B.5 of the LWMP meets this requirement.</p>
<p>20. Describe existing and proposed city ordinances, permits, and procedures for addressing erosion and sediment control and preparation of erosion control plans (Section 6.2.2, policy G).</p>	<p>The City does not have a regulatory document specific to erosion and sediment control. Section VII.B of the LWMP summarizes the erosion controls for permitting in the City, including reference to the BCWMC requirements.</p>

To: Bassett Creek Watershed Management Commission
From: Barr Engineering Company
Subject: Item 6A – BCWMC Review of City of Medicine Lake Local Water Management Plan
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BCWMC Local Plan Requirement/Expectation	Medicine Lake LWMP Review
21. Comply with the BCWMC Plan's goals and policies regarding erosion and sediment control (contained in Section 6.0 of the Plan) (Section 6.2.2, policy H).	The BCWMC Plan requires cities to develop and implement erosion and sediment control ordinances. The implementation section of the LWMP needs to include the development of an erosion and sediment control ordinance, or the incorporation of erosion and sediment control (e.g. Section VII.B of the LWMP) into existing City ordinances as an implementation task. By sometime in 2011, the city needs to put in place the erosion and sediment control ordinance/controls (Minnesota Statute 103B.235, Subd. 4 requires that the city amend its official controls within 180 days of the WMO's approval of the city's plan). It is recommended that the LWMP include a policy stating that the City requires erosion and sediment control plans to conform to the BCWMC requirements (and Section VII of the LWMP), or similar statement.
22. Complete and update inventories of significant erosion and sedimentation areas along the Bassett Creek trunk system and share this information with BCWMC. Only those areas identified in such an inventory are eligible for BCWMC funding (Section 7.2.2, policy F).	Requirement met. The City of Medicine Lake does not contain portions of the Bassett Creek trunk system.
23. Comply with the BCWMC Plan's goals and policies regarding stream restoration (contained in Section 7.0 of the Plan) (Section 7.2.2, policy N).	Requirement met. No BCWMC streams in the City of Medicine Lake.
24. Cities shall have a buffer policy for all water resources in their respective stormwater management plans.	Requirement met. Policy H.1 states that the City will promote shoreline buffer creation around Medicine Lake and will enforce buffer requirements for development projects. The LWMP specifies that the City will update its ordinances with wetland and Medicine Lake buffers, easements and setbacks, coordinating with BCWMC and MnDNR requirements. The City will encourage the placement of natural buffers around all City waterbodies.
25. Acknowledge city or BCWMC responsibility as LGU for the Wetland Conservation Act (Section 8.2.2, policy F).	Requirement met. Policy E.1 of Section III of the LWMP states that the BCWMC has responsibility as the Local Government Unit (LGU) for the Wetland Conservation Act in the city. A similar statement is included in Section 5.A.
26. Comply with the BCWMC Plan's goals and policies regarding wetland management (contained in Section 8.0 of the Plan) (Section 8.2.2, policy G).	Requirement met. The policies included in Section III.E state compliance with the BCWMC Plan and WCA.

BCWMC Local Plan Requirement/Expectation	Medicine Lake LWMP Review
27. Describe status of wellhead protection planning, if applicable (Section 9.2.2, policy C).	Requirement met. Medicine Lake does not operate a public water system. The City is not included in the MN Department of Health's WHPP Phasing List.
28. Each city is required to prepare a local plan. (Section 12.1.2).	Requirement met.
29. The permitting process used by the local government should be outlined in the SWMP. (Section 12.4)	<p>Requirement met.</p> <p>Section V of the LWMP describes the City's local controls and implementation.</p> <p>It is recommended that Section V of the LWMP clarify that the BCWMC does not issue permits. For those activities for which the LMWP lists the BCWMC and City as permitting authorities, it should be further specified that the BCWMC provides review, but the City issues permits. It is also recommended that the LWMP describe which projects trigger BCWMC review and reference Section 3 of the BCWMC requirements.</p> <p>It is recommended that Section V.A.5 be clarified to indicate that the shoreland management ordinance is a City ordinance, as the BCWMC does not have such an ordinance.</p> <p>It is recommended that Section V.C of the LWMP be revised to identify the BCMWC requirements as guidelines for BCWMC review and not for permitting (see comments from Item 6).</p>
30. Meet the Requirements of Local Watershed Management Plans for identification of regulated areas (Section 12.4.1).	<p>Requirement met.</p> <p>Regulated areas are presented in the inventory section of the LWMP (Section II) and associated figures.</p>

Other Statutory Requirements for Local Watershed Management Plans

31. Along with the above specific requirements from the BCWMC Plan, local watershed management plans are required to conform to Minnesota law (Minnesota Statutes 103B.235), Minnesota rules (Minnesota Rules 8410.0160 and 8410.0170), and the BCWMC Plan. The rules (Minnesota Rules 8410.0160) require (in part) that:

“Each local plan must include sections containing a table of contents; executive summary; land and water resource inventory; establishment of goals and policies; relation of goals and policies to local, regional, state, and federal plans, goals, and programs; assessment of problems; corrective actions; financial considerations; implementation priorities; amendment procedures; implementation program; and an appendix. Each community should consider including its local plan as a chapter of its local comprehensive plan.”

These requirements are met by the LWMP with the exception of the following issues:

The FEMA floodplain map included in the LWMP suggests that there is flooding of homes on the south side of the cul-de-sac on Peninsula Drive. The City's analysis of detailed topographic

data in 2005-2006 revealed that 1 home (potentially), 5 garages, and 2 sheds are located below the jurisdictional floodplain elevation. It is recommended that this information be included in Section II.D.6 or elsewhere in the LWMP.

In May 2010, the City requested that the BCWMC conduct an evaluation of the Medicine Lake outlet structure to see if the dam releases water too quickly and if modifications are warranted. This issue is not included in Section IV (Assessment of Problems and Corrective Actions) of the LWMP. It is recommended that this issue be included in the LWMP and added to the list of implementation tasks.

32. In accordance with Minnesota rules (Minnesota Rules 8410.0100, Subp. 6), the BCWMC requires that local plans "...assess the need for periodic maintenance of public works, facilities and natural conveyance systems and specify any new programs or revisions to existing programs needed to accomplish its goals and objectives." The local plans must also assess, at a minimum, the following maintenance issues, also taken from Minnesota rules (Minnesota Rules 8410.0100, Subp. 6):

3. The need and frequency for street sweeping of public and private streets and parking lots.
4. The need and frequency for inspecting stormwater outfalls, skimmers, sumps, and ponds.
5. The adequacy of maintenance programs for stormwater facilities and water level control structures owned by both the city and private parties.
6. The need for other maintenance programs as considered necessary.

These requirements are met by the LWMP (see item 14 above).

33. Besides the above maintenance issues, local water management plans will be required to assess the following (taken from MN Rules 8410.0100, Subp. 6):

7. The need to establish local spill containment cleanup plans.
8. The need for any other necessary management programs.

These requirements are met by the LWMP with the exception of the following issue:

The LWMP does not include reference to a local spill containment plan. It is recommended that the LWMP include a description of how spills are managed within the city.

34. The BCWMC's general standards for local water management plans are as follows (taken from Minnesota Statutes 103B.235, Subd. 2):

9. Describe existing and proposed physical environment
10. Define drainage areas and the volume rates and paths of stormwater
11. Identify areas and elevations for stormwater storage adequate to meet the performance standards established in the BCWMC Plan.
12. Identify regulated areas.
13. Set forth and implementation program, including a description of official controls and, as appropriate, a capital improvement program.

These requirements are met by the LWMP with the exception of the following issue:

It is recommended that the LWMP include implementation tasks in a tabular form. Where possible, a proposed date, cost, and funding source should be included for each item (see Item 5 in Table 1).

BASSETT CREEK WATERSHED MANAGEMENT COMMISSION

RESOLUTION NO. 10-05

A RESOLUTION APPROVING THE LOCAL PLAN PREPARED
BY THE CITY OF MEDICINE LAKE

WHEREAS, the Bassett Creek Water Management Commission has been organized as a joint powers watershed management organization pursuant to the authority set forth in Minnesota Statutes, Section 103B.211, and

WHEREAS, the Commission has prepared a water management plan, which has been reviewed by all appropriate state and local agencies and has been approved by the Board of Water and Soil Resources, and

WHEREAS, the water management plan of the Commission and Minnesota Statutes require that local water management plans be prepared as required by Minnesota Statutes, Section 103B.235 and in accordance with Minnesota Rules, Chapter 8410, and

WHEREAS, the City of Medicine Lake has prepared and submitted to the Commission the City's local water management plan, and

WHEREAS, Minnesota Statutes, Section 103B.235, Subd. 3 authorizes the watershed management organization to review and approve local water management plans and to take other actions necessary to assure that the local plan is in conformance with the Commission's plan and the standards set forth therein,

NOW, THEREFORE, BE IT RESOLVED By the Bassett Creek Water Management Commission, as follows:

1. The Medicine Lake Local Surface Water Management Plan dated May 2010, as amended, is hereby approved.
2. This Commission has reviewed the plan and hereby determines that the plan has been prepared in accordance with the requirements of Minnesota Statutes, Section 103B.235 and Minnesota Rules 8410.0160 and 8410.0170, and contains the requirements for local plans.
3. In accordance with Minnesota Statutes, Section 103B.235, Subd. 4, the Medicine Lake plan shall be adopted and implemented by the City within 120 days of this action, and the City shall amend its official controls in accordance with the plan within 180 days.

4. Pursuant to Minnesota Statutes, Section 103B.235, Subd. 5, and consistent with the Bassett Creek Water Management Plan, the City shall submit amendments to the local water management plan to this Commission for review and approval in accordance with State Statutes and Minnesota Rules.

Chair

Date

Attest:

Secretary

Date



Memorandum

To: Bassett Creek Watershed Management Commission
From: Technical Advisory Committee
Subject: June 30, 2010 TAC Meeting
Date: July 6, 2010

The Technical Advisory Committee (TAC) met on June 30, 2010. The following TAC members, city representatives, staff, and others attended the meeting:

City	TAC Members/Alternates	Other City Representatives
Crystal	Tom Mathisen	
Golden Valley	Jeff Oliver	Chair Linda Loomis
Medicine Lake	Vacant position	
Minneapolis	Lois Eberhart, Pat Byrne	
Minnetonka	Lee Gustafson, Liz Stout	
New Hope	Jason Quisberg	
Plymouth	Derek Asche	
Robbinsdale	Absent	
St. Louis Park	Laura Adler	Comm. Jim deLambert
BCWMC Staff	Geoffrey Nash, Karen Chandler	
Also in attendance were Rachael Crabb and Freya Rowland, Minneapolis Park & Recreation Board		

The Technical Advisory Committee (TAC) directed staff to forward the following recommendations to the Commission for its consideration. This memorandum presents the recommendations relating to 1) the status of planning for the BCWMC's Third Generation Plan, 2) standardization of water quality data collection and stormwater modeling, 3) potential gaps in the BCWMC's non-degradation requirements, and 4) the next scheduled meeting date for the TAC.

1. Third Generation Water Management Plan Framework

In 2014, the BCWMC's current Watershed Management Plan will expire. The BCWMC will need to submit and gain approval of a revised third generation Watershed Management Plan prior to the plan's expiration. Watershed Management Plans span ten-year periods.

Recommendations On the Planning Issue:

The TAC discussed how new issues will be included for consideration in the planning process. The TAC is getting an early start on planning. It was pointed out that at the time of the 2004 BCWMC plan, no TMDLs were underway in the BCWMC, but their future completion and implementation were anticipated in the plan. It was recommended that the TAC discuss the issues at a series of future TAC meetings. To facilitate the discussion, the TAC also recommended that the Administrator request feedback from the TAC representatives on previously used broad categories of issues (two at a time) and that two weeks time be provided for their responses. Issue categories would be:

- | | |
|----------------------------------|---|
| ▪ Education & Public Involvement | ▪ Water quality |
| ▪ Erosion & Sediment Control | ▪ Wetlands |
| ▪ Flooding & Rate Control | ▪ BCWMC/City Evaluation,
Accountability, & Enforcement |
| ▪ Funding | ▪ BCWMC/City Responsibilities |
| ▪ Groundwater | ▪ Others, yet to be determined |
| ▪ Planning Process | |
| ▪ Public ditches | |

For each issue category, the TAC will review the list of issues considered for the 2004 BCWMC plan, and make the following assessment about each issue:

- It is still an issue
- It is not an issue
- It was an issue, but has been resolved
- Current methods of addressing issue (e.g., city/BCWMC policies, actions, etc.) are working
- Current methods of addressing issue (e.g., city/BCWMC policies, actions, etc.) are not working

For each issue category, the TAC will also add any new issues that they believe need to be considered for the third generation BCWMC plan.

2. Standardization of water quality data collection and stormwater modeling

The Commission requested that the TAC discuss and develop recommendations about standardization of water quality data collection, stormwater modeling, and interpretation of results to facilitate collaboration between agencies. These topics are complex and this discussion served to introduce the subject and was not intended to come to a resolution or produce a recommendation.

Recommendations On the Standardization Issue:

The TAC was interested in knowing whether this issue was related to the future implementation of TMDLs in the watershed. TMDLs were determined to be the driving force behind the focus on this matter.

It was a concern to the TAC that CAMP sampling protocol is different than standard sampling protocol for lakes and that some lakes in the watershed had been listed on the MPCA's impaired

waters list, based on CAMP data. This issue, and the overall issue of sampling method standardization, will be explored by the TAC at a later date.

Some cities have adopted their own stormwater models. The TAC is interested in determining which models those cities are using and they requested that the Administrator work with Barr Engineering to collect that information for a future discussion.

The TAC suggested that the third generation plan include the BCWMC's data collection programs and protocols, along with the modeling programs the BCWMC will use (and protocols, if possible and practical).

The TAC also noted the importance of calibrating models, which requires the use of water quantity (e.g., flow) and/or water quality data.

3. Gaps in BCWMCs Non-Degradation Requirements

This agenda item came up some time ago, initially stemming from a discussion at a September 2006 Commission meeting regarding the Commission's non-degradation of stormwater quality requirements. Staff believes that the non-degradation (water quality) issues from 2006 were addressed in the latest version (July 2008) of the "Requirements" document. However, other non-degradation issues (especially related to volume) may not have been addressed.

Recommendations On the Standardization Issue:

The discussion addressed the question of achieving volume reductions and whether "volume banking" would help achieve reductions. The TAC requested that the Administrator provide additional information on Nine Mile Creek Watershed District's volume banking program for a future discussion.

Lois Eberhart, Minneapolis, has documentation related to past discussion of the issue of volume non-degradation (from the earlier planning process) and she will forward it to the Administrator and Barr. The TAC will take up this issue again at a later meeting.

4. Other Business

The TAC determined since they had caught up with discussion of topics suggested by the Commission, the next TAC meeting should be September 2.



Barr Engineering Company
4700 West 77th Street • Minneapolis, MN 55435-4803
Phone: 952-832-2600 • Fax: 952-832-2601 • www.barr.com *An EEO Employer*

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Item 6D

Memorandum

To: Bassett Creek Watershed Management Commission
From: Barr Engineering Company
Subject: Item 6E – Weir on Sweeney Lake
BCWMC July 15, 2010 Meeting Agenda
Date: July 2, 2010
Project: 23/27 051 2010

6E. Weir on Sweeney Lake

Recommended/requested Commission actions:

1. Discuss the construction of a new control structure on the outlet from Sweeney Lake and consider adding the replacement of the outlet structure to the Bassett Creek Watershed Management Commission's CIP.
2. Request that the TAC review the CIP's project priorities and schedule to include construction of a new outlet structure for Sweeney Lake.
3. Authorize preparation of a letter to the Minnesota Department of Natural resources requesting funding assistance for construction of a new outlet structure from the Minnesota Dam Safety Program.

Background

At their May meeting, the Commission requested that the Commission engineer work with the City of Golden Valley to develop options for the removal of the masonry wall downstream of the historic Sweeney Lake outlet/weir, the repair of the erosion on the south side of the historic outlet structure and a range of costs for short and long term solutions for the outlet structure. The masonry wall downstream of the historic outlet was constructed sometime in the last few years, most likely by citizens in the area. The historic outlet structure has been in place for over 20 years, but there are not records of the origin of its construction (the photos at the end of this memo show the historic outlet and more recent masonry wall). In the May 13, 2010 engineer's memorandum to the Commission, it was recommended that 1) the masonry wall be removed because it was raising the normal lake level, and 2) that the historic outlet structure be replaced because it lacks the protection to prevent erosion of the embankments and seepage.

The MDNR was contacted and they indicated they had no records of permits for either structure. They indicated the masonry wall could be removed without a permit and that the embankment on the south side of the broad crested weir could be repaired without a permit. They indicated that if the structure was replaced, a MDNR Public Waters Work Permit would be required. A confirmation of the permit requirements was obtained in writing from the MDNR. The MDNR was also contacted about their recommendations for the control elevation of a replacement outlet. The MDNR indicated that the control

elevation of any replacement structure should be the same as the control elevation of the historic structure since it has been in place so long. The MDNR indicated that if a change in control elevation was proposed, the permitting process would likely require a hearing.

A meeting was held on June 22, 2010 with City of Golden Valley staff to discuss the removal of the masonry wall and the options for the repair or replacement of the control structure. City staff indicated that the City of Golden Valley would remove the recently constructed masonry wall and repair the erosion on the south side of the original outlet structure with riprap and a cutoff to prevent seepage around the structure at the expense of the city. City staff indicated that because of the lack of information about the historic outlet structure, they believe the outlet should be replaced. After discussion it was agreed that the recommendation to the Commission should be for the Commission to consider adding the replacement of the outlet structure to the Bassett Creek Watershed Management Commission's CIP, for the following reasons:

- There are no records regarding the construction of the historic outlet structure and it appears to have been installed without cutoffs into the embankments to control erosion and seepage. It is likely that sometime in the future the embankment on the north side of the structure could erode, similar to the erosion that occurred on the south side. It is not known if there is a cutoff below the structure itself to control seepage but it is unlikely that a cutoff exists, meaning seepage under the structure could occur in the future. The cost of adding seepage cutoffs for the structure and embankments and erosion protection for the embankments would be the same as the cost to replace the historic outlet structure.
- It is important to protect the integrity of the Sweeney Lake outlet structure since it is an important part of the overall flood control system for Bassett Creek. Approximately 300 acre-feet of storm water are stored on Sweeney Lake during the regional flood (one percent chance event).
- An outlet structure capable of preventing erosion and seepage can be constructed at a reasonable cost.

City staff indicated that public right of way is available to construct the structure.

Conceptually, a replacement structure would consist of a sheet pile weir extending into the embankments with a reinforced concrete cap. Riprap would be installed on the embankment portions of the structure to prevent erosion. Based on similar projects, the construction cost is estimated to be \$200,000 not including permitting, engineering design or project management.

Funding assistance for the repair and construction of publicly-owned small dams has been available from the Minnesota Dam Safety Program managed by the Minnesota Department of Natural Resources. There is a list of projects that are being considered for future grant funding. It is recommended that a letter be sent by the Commission to the MDNR requesting future grant assistance from the Dam Safety Program.

To: Bassett Creek Watershed Management Commission
From: Barr Engineering Company
Subject: Item 6E – Weir on Sweeney Lake
Date: July 2, 2010
Page: 3





Barr Engineering Company
4700 West 77th Street • Minneapolis, MN 55435-4803
Phone: 952-832-2600 • Fax: 952-832-2601 • www.barr.com An EEO Employer

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Item 6E

Memorandum

To: Bassett Creek Watershed Management Commission
From: Barr Engineering Company
Subject: Item 6E – Mississippi Watershed Management Organization Plan Review
BCWMC July 15, 2010 Meeting Agenda
Date: July 2, 2010
Project: 23270051 2010 074

6E. Mississippi Watershed Management Organization Plan Review

Recommended/requested Commission actions:

1. Authorize staff to submit comments to the Mississippi Watershed Management Organization (MWMO) regarding their draft watershed management plan.

Background

At their May meeting, the Commission directed the Commission engineer to perform a cursory review of the draft MWMO plan and provide comments to the Commission. Upon review of the MWMO plan, staff recommends submitting the following comments to the MWMO:

1. The MWMO plan does not mention nor include the 2000 joint and cooperative agreement between the BCWMC and the MWMO, which resulted in a boundary change that transferred 1,002 acres from the BCWMC to the MWMO. As noted in Section 2.1 of the BCWMC plan, the boundary change reflects the changed drainage conditions upon completion of the Bassett Creek flood control project. The MWMO plan should be revised to include information about this agreement, that the watershed area tributary to the old tunnel no longer flows to Bassett Creek, and that the (new) Bassett Creek tunnel flows through MWMO.
2. A number of figures in the MWMO plan label and show incorrectly the Bassett Creek tunnel. The figures show the old Bassett Creek tunnel, but do not show the new Bassett Creek tunnel. These figures need to be revised to show and label correctly both tunnels.
3. The MWMO should confirm the MWMO jurisdictional boundary with BCWMC. It appears that there may be some small differences that should be resolved during the MWMO planning process.

Other general observations regarding notable aspects of the MWMO plan:

- The MWMO does not/will not have a permit program and will continue to rely on the permit programs of their member organizations.
- The plan sets forth standards that the member organizations must adopt/incorporate into their local controls. The rate control, volume control, and water quality standards include minimum

and maximum requirements. The maximum standards set higher goals for projects seeking MWMO funding. For example, the minimum volume control standard requires volume reduction equivalent to the runoff generated from a one-inch rainfall over impervious surfaces, whereas the maximum standard calls for infiltrating or retaining the increased runoff volume over historic conditions for the 2-year, 24-hour event.

- The Issues, Goals and Strategies section of the plan covers 10 focus areas. These focus areas include typical topic areas, such as Water Quality and Water Rate and Volume, and less-typical topic areas, such as Emergency Preparedness and Response.
- The MWMO anticipates growing from its current staff of nine to 14 by 2016.
- The implementation plan is broken into two major parts:
 - A short (one-page) table of specific CIP projects for the first six years
 - A much longer (30-page) table of implementation tasks, organized around the 10 focus areas; the table is intended to guide the MWMO's activities over the next 10 years.



Geoff Nash, P.G.
Watershed Consulting, LLC

Administrator's Report
Bassett Creek Watershed Management Commission
July 15, 2010

1. Attended Wirth Lake TMDL public meeting on June 24. Commissioners Loomis and Elder attended. No one from the public attended.
2. Submitted Sweeney Lake TMDL to the MPCA for review on June 23.
3. Attended Capital Improvement Plan Work Group meeting on June 10. Administrator will work with Barr Engineering to determine how TMDL implementation plans will integrate into CIP.
4. Coordinated with Amy Herbert and Karen Chandler to set the TAC meeting agenda.
5. Led the discussion at the TAC meeting on June 30. Summarized meeting in TAC memo.
6. Began scheduling the next Administrative Services Committee meeting to discuss policies to be included in the Policy Manual, as well as a matrix of Administrator task priorities. I will present the Committee with my draft of the Policy Manual at that time. No doubt, many additions will have to be made.
7. On Wednesday, July 7, I called Brooke Asleson, MPCA regarding the status of the Sweeney Lake TMDL report, authored by SEH, Inc. Brooke stated that the MPCA's comments on the TMDL report are "nonnegotiable" and that the 150 pounds of phosphorus waste load reduction the MPCA requested in the TMDL was a reduction from what the Environmental Protection Agency requested. Brooke asked me to schedule a meeting of all stakeholders as soon as possible to discuss how we will move forward.



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4700 West 77th Street • Minneapolis, MN 55435-4803
Phone: 952-832-2600 • Fax: 952-832-2601 • www.barr.com *An EEO Employer*

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Item 8A

Memorandum

To: Bassett Creek Watershed Management Commission
From: Barr Engineering Company
Subject: Item 8 – Information Only
BCWMC July 15, 2010 Meeting Agenda
Date: July 8, 2010
Project: 23/27 051 2010 003

A. Administrative Reviews

a. BCWMC 2010-9: Birchview Elementary School Improvements: Plymouth

A grading drainage and erosion control plan was reviewed for improvements at Birchview Elementary School in the City of Plymouth. A letter of recommendation was provided to the City of Plymouth.

b. BCWMC 2010-10: Auer Steel Expansion: Plymouth

A grading drainage and erosion control plan was reviewed for expansion of the Auer Steel parking lot in the City of Plymouth. A letter of recommendation was provided to the City of Plymouth.

B. Erosion Control Inspection Report

The July erosion inspection will be completed the week of July 5, 2010. A copy of the July 2010 erosion control inspection report will be provided on the BCWMC web site after completion.