



Bassett Creek Watershed Management Commission

MEMO

To: Bassett Creek Watershed Management Commissioners
From: Technical Advisory Committee
Date: March 7, 2018

RE: TAC Recommendations – 3/2/18 TAC Meeting

The BCWMC Technical Advisory Committee met on March 2nd to discuss the 2020-2024 CIP project list and a model snow and ice removal policy; to provide updates on development of their local water management plans and ordinances; to offer suggestions for the CIP Prioritization Process Committee and BWSR's Biennial Budget Request; and to consider a request for use of Channel Maintenance Funds from the City of Plymouth. They forward the following recommendations for the Commission's consideration.

TAC Members and Others attending 3/2/18 TAC Meeting:

Liz Stout, Minneapolis
Jeff Oliver and Eric Eckman, Golden Valley
Erick Francis, St. Louis Park
Richard McCoy and Marta Roser, Robbinsdale
Chris Long, Megan Albert and Bernie Weber, New Hope
Mark Ray, Crystal
Tom Dietrich and Will Manchester, Minnetonka
Derek Asche, Plymouth
Susan Wiese, Medicine Lake
Stacy Harwell, Golden Valley Commissioner
Michael Welch, Minneapolis Commissioner
Jim Prom, Plymouth Commissioner
Bill Monk, Minnetonka Alternate Commissioner
Laura Jester, Administrator
Karen Chandler, Commission Engineers

1. Elect Committee Chair

Erick Francis of St. Louis Park was re-elected as committee chair.

2. 5-Year Capital Improvement Program Development 2020 – 2024

Administrator Jester asked what projects should be considered for 2024 and if there are projects currently slated for 2020 to 2023 that should be moved or removed.

Minnetonka TAC members reported the city is reconstructing Ridgedale Drive in 2019 and 2020, that the area drains to Crane Lake, and that there may be opportunities to install projects that reduce pollution above and beyond requirements. Derek Asche noted there aren't many opportunities for projects in Minnetonka and suggested \$200,000 be included in the CIP, but it was also noted Crane

Lake has decent water quality and is not on the impaired waters list, although chlorides are on the rise. Liz Stout noted that the Bryn Mawr Project won't be constructed until 2021 even though it's a 2019 project. There was discussion about moving Bryn Mawr to 2021, shifting DeCola Ponds funding, and possibly adding the Ridgedale Project in 2020. Administrator Jester indicated she would work with those suggestions and bring a revised CIP schedule to the next TAC meeting.

For 2024 projects, the following projects were briefly discussed. Project fact sheets will be developed by the cities and brought to a future TAC meeting to develop a final recommendation for the 5-year CIP.

- Bassett Creek Park Wetland Restoration Project, Minneapolis
- Stream Restoration Project, Tributary to West Medicine Lake Pond, Plymouth
- Main Stem Restoration Project, Regent Avenue to Golden Valley Road, Golden Valley

There was discussion about the need to reduce chlorides and the fact that traditional BMPs don't address chlorides. Commissioner Welch confirmed that CIP funds could be used for salting or brining equipment purchases or retrofitting. There was consensus that this idea should stay on the table but it was also noted there are plenty of actual constructed BMPs to install (to address other pollutants) so funding for salting equipment may not fit into the CIP.

No recommendation on 5-year CIP at this time. TAC will consider changes and additions to the CIP at a future meeting.

3. Review Model Snow and Ice Removal Policy

There was discussion about the issue of snow and ice removal practices and policies. The TAC materials included a [model snow and ice removal policy](#) developed by the Freshwater Society. The TAC discussion included the following points:

- None of the member cities have adopted this model ordinance. Golden Valley expressed interest in the policy and will have their maintenance department review it.
- One possible role is for the Commission is to engage Hennepin County staff and/or elected officials regarding the model policy.
- The MPCA Winter Maintenance Assessment Tool helps organizations assess operations, and identify opportunities to reduce salt use using proven BMPs and track progress.
- City practices are far better than private contractors at not over-salting and there is a growing awareness of the problem among citizens.
- In response to the Twin Cities Metro Area Chloride TMDL, the new MS4 permit may require cities to better address chloride pollution or improve winter maintenance practices.
- Education and outreach is a good role for the Commission – to help improve residents' expectations for snow and ice removal. Minneapolis is using Master Water Stewards to talk with private businesses.
- Minneapolis is including chloride management in contracts with private applicators.
- Cities could include chloride management provisions in development agreements with private developers.
- Other watershed management organizations are adopting rules regarding chloride.
- The [Guidance Document](#) that accompanies this model ordinance should be reviewed as well.

No recommendation at this time. TAC will review and discuss again at a future meeting.

4. Local Water Management Plans and Ordinance Updates

Administrator Jester asked each city to indicate the status of their ordinance updates and when they expect to submit their local water management plan (LWMP) for review.

- St. Louis Park: LWMP September 14; ordinances updated as part of LWMP development (fall)
- Golden Valley: LWMP at beginning of June; ordinances September
- Medicine Lake: Unknown
- New Hope: LWMP in May; ordinances in the fall
- Plymouth: LWMP in August; ordinances in August
- Minnetonka: LWMP in March; ordinances already complete, except possibly for floodplain requirements
- Robbinsdale: Unknown, making progress on LWMP; need to look at ordinances
- Crystal: LWMP in June; ordinances already complete
- Minneapolis: LWMP this summer (depends on council workshops); currently working on ordinances

5. CIP Prioritization

TAC members had no recommendations for parameters that should be considered by the CIP Prioritization Committee for ranking, scoring, scheduling and choosing CIP projects. It was noted the committee membership includes two TAC members.

6. Biennial Budget Request (BBR)

The TAC recommends that the Commission submit its 2020 – 2021 capital projects to BWSR through the BBR and ask member cities for their 2020 and 2021 capital projects to be included with the Commission's submittal.

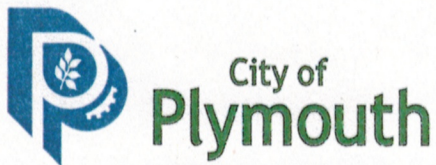
7. Channel Maintenance Fund Request from Plymouth – attached letter from Plymouth and Channel Fund Maintenance Memo

Derek Asche distributed a request to use the balance of Plymouth's Channel Maintenance Funds in the amount of \$73,461.65 for sediment removal in Plymouth Creek at the Plymouth Creek Water Quality Ponds. He noted that 2,975 cy of sediment was removed in February for a cost greater than the funds being requested. Although this is an "after the fact" request, the Commission approved a similar request from the City of New Hope in 2016.

The TAC recommends that the Commission approve a reimbursement to the City of Plymouth from its accrued Channel Maintenance Funds in the amount of \$73,461.65 for sediment removed from the Plymouth Creek Water Quality Ponds in February 2018.

Administrator also gave a brief update on the new Watershed Based Funding Pilot Program and reported that cities would be invited to a large meeting on the subject in 5 to 7 weeks.

The TAC meeting adjourned at 11:32 a.m.



Adding Quality to Life

March 1, 2018

Laura Jester, Administrator
Bassett Creek Watershed

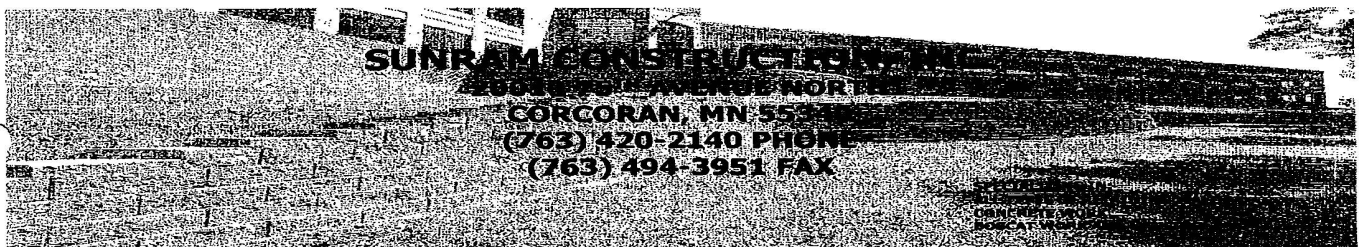
SUBJECT: CHANNEL MAINTENANCE FUND REQUEST

Dear Ms. Jester,

The City of Plymouth is requesting its balance of channel maintenance funds in the amount of \$73,461.65 for sediment removal in Plymouth Creek at the Plymouth Creek Water Quality Ponds. Sunram Construction was the low bid at 80,523.00. The City of Plymouth will cover the project costs over the available channel maintenance funds.

Sincerely,

Derek Asche
Water Resources Manager



Invoice ID: 9133592
Invoice Date: 01/31/2018

To: CITY OF PLYMOUTH
3400 PLYMOUTH BOULEVARD
PLYMOUTH, MN 55447-1482

Job Location: PLYMOUTH CREEK POND
SUNRAM JOB C-17-048
PLYMOUTH, MN

Below please find billing for work performed on the above referenced project.

<u>Item</u>	<u>Description</u>	<u>Units</u>	<u>Unit of Measure</u>	<u>Unit Price</u>	<u>Amount</u>
	PAY APP 1				79,878.00
	COMPLETE \$79,878.00				
	CONTRACT \$80,523.00				
	5% RETAINAGE				





Bassett Creek Watershed Management Commission

Memorandum

To: BCWMC Technical Advisory Committee
From: Laura Jester, BCWMC Administrator
Subject: Available Channel Maintenance Funds
Date: February 21, 2018

Channel Maintenance Fund Budget

Budget Year	Total Funds Budgeted
2003	\$50,000
2004 - 2013	\$250,000 (\$25,000 / year)
2014	\$25,000
2015	\$25,000
2016	\$25,000
2017	\$25,000
2018	\$25,000
	TOTAL: \$425,000

Fund Distribution Based on Need: None of total channel maintenance funds [0% x 425,000] will be distributed to member cities based on need.

Fund Allocation Based on Percentage of Trunk System

One hundred percent of total channel maintenance funds [100% x 425,000] will be allocated to member cities based on their percentage of overall trunk system.

Fund Allocation Based on Percentage of Trunk System

Allocation Formula: (Percent of trunk system) x (\$425,000) = Allocation

City	% Trunk System	Accumulated Funds (over life of fund)	Approved Project	Funds Approved	Funds Reimbursed	Accumulated Funds Remaining
Minneapolis	8.23	\$34,977.50	Supplemental funds for the Bassett Creek Main Stem Restoration Project (CR2012)	\$26,747.50 (Jan 2014)	\$26,747.50 (Nov 2015)	\$8,230.00
Golden Valley	48.99	\$208,207.50	Sweeney Lake Branch Streambank Stabilization at 215 King Road	\$2,640.00 (2004)	\$2,640.00 (11/2004)	-
			A 2012 stream bank restoration project immediately upstream of St. Croix Avenue, within the Main Stem Reach 1, Subreach 2.	\$82,100.00 (Jan 2012)	\$17,900.00 (Dec 2012) ¹	-
			Stabilization along Bassett Creek Main Stem at private residences at 4840 and 4820 Markay Ridge	\$75,000.00 (June 2014)	\$34,747.50 (Feb 2015)	-
			Golden Valley SUBTOTAL	\$159,740.00	\$55,287.50	\$152,920.00
Plymouth	26.42	\$112,285	Channel Maintenance Repairs in the lower reaches of Plymouth Creek	\$50,000.00 (Jan 2005)	\$38,823.35 (Mar 2009)	-
			Plymouth Creek Channel Stabilization/ Sediment Removal downstream of fish barrier	\$45,000.00 (Nov 2008)	\$0	-
			Plymouth SUBTOTAL	\$95,000.00	\$38,823.35	\$73,461.65
New Hope	7.31	\$31,067.50	North Branch Channel Excavation Project	\$18,100.00 (Nov 2008)	\$0	
			Northwood West Inlet Cleaning	\$16,448.00 (Jan 2010)	\$29,240 (March 2017)	
			Northwood Wetland Cleaning	\$75,000 - \$200,000 (Nov 2010)	\$0	
			New Hope SUBTOTAL	\$109,548 - \$234,458	\$29,240	\$1,827.50
Crystal	9.05	\$38,462.50	North Branch Bassett Creek Erosion Repair Project	\$31,675.00 (Nov 2015)	\$6,675.00 (Mar 2017) \$25,000 (Oct 2017)	\$6,787.50
TOTAL	100.00	\$425,000				\$243,226.65

¹ Reimbursement for work property owners on portions of the Main Stem of Bassett Creek adjacent @ 5919 and 5929 St. Croix Ave.