



Bassett Creek Watershed Management Commission

MEMO

TO: Bassett Creek Watershed Commissioners and Alternate Commissioners
FROM: Laura Jester, Administrator and Karen Chandler, Commission Engineer
DATE: February 12, 2014

RE: Agenda Item 7A: Funding Options for XP-SWMM Phase II

At the November 20, 2013 BCWMC meeting, the Commission received recommendations from the TAC that the Commission consider further refining the XP-SWMM model with more detail. At the time, the Commission Engineer had provided some cost estimates of various components of this "phase II" of the model. (See Barr memo in agenda item 5Bii from 11/20/13 Commission meeting.)

Below is a possible way to complete phase II over a period of 3 years and various options for funding the work.

Year	Recommended Modeling Tasks (Duration)	Budget
2014	Detailed Modeling, Plymouth Creek Watershed (6 months)	\$52,000
	Three Months Flow Monitoring, Plymouth Creek (3 months) – Note: ideally this should start by May to catch spring flows	\$ 9,000
	2014 Total	\$61,000
2015	Detailed Modeling, Medicine Lake Direct Watershed (4 months)	\$37,000
	Detailed Modeling, North Branch Bassett Creek (4 months)	\$36,000
	Three Months Flow Monitoring, North Branch Bassett Creek (3 months)	\$ 9,000
	2015 Total	\$73,000
2016	Detailed Modeling, Bassett Creek Main Stem – Medicine Lake to Confluence with North Branch (5 months)	\$44,000
	Detailed Modeling, Bassett Creek Main Stem – Downstream of the Confluence with North Branch (4 months)	\$39,000
	Final Modeling Methodology Report (3 months) (this could go to 2017)	\$20,000
	2016 Total	\$103,000

Funding options:

2014 = \$61,000. Options include:

1. Use administration fund balance only. This would drop fund balance from \$389,456 to \$328,456*
2. Use Flood Control Project Long-term Maintenance funds. This would drop the fund balance from approximately \$572,000 (after completion of Flood Control Project Report) to \$511,000.

Bassett Creek Watershed Management Commission

7800 Golden Valley Road | Golden Valley, MN 55427 | www.bassettcreekwmo.org | Established 1968

Crystal | Golden Valley | Medicine Lake | Minneapolis | Minnetonka | New Hope | Plymouth | Robbinsdale | St. Louis Park

Use of this fund likely depends on outcome of the Flood Control Project Replacement Plan Report.

3. Use \$10,000 from Surveys and Studies fund, and remainder from administration fund balance and/or flood control project long-term maintenance funds.

2015 = \$73,000. Options include:

1. Include in Administration Fund for 2015 (i.e., fund via assessments to cities)
2. Use Flood Control Project Long-term Maintenance funds. The fund balance would drop from approximately \$572,000 (after completion of Flood Control Project Report) to \$499,000 or from \$511,000 to \$438,000 if 2014 expenses are funded with this fund.
3. If the administration fund balance is sufficient, you could fund (or partially fund) 2015 costs using the fund balance.

2016 = \$103,000. Options include:

1. Include in Administration Fund for 2016 (i.e., fund via assessments to cities).
2. Use Flood Control Project Long-term Maintenance funds. The fund balance would drop to somewhere between \$469,000 and \$335,000, depending on how much of the fund is used for previous years' work.
3. If the administration fund balance is sufficient, you could fund (or partially fund) 2016 costs using the fund balance.
4. If the Plan is complete or far enough along and this has been included in the CIP, could use Hennepin County tax levy to pay for the project.

The Commission could also consider any of the following before deciding how and when to move forward:

- Request a refined cost estimate/proposal from the Commission Engineer
- Receive a recommendation from the TAC on how to proceed and fund the project
- Develop a Request for Proposals to get cost estimates from different firms

* The fiscal year just ending reports a balance of \$389,456 in the Administrative Fund. This is \$57,521 higher than projected. While the Commission does not have a policy on the amount that should stay in reserves, many watershed districts keep 50% of their annual operating costs as a fund balance (or about \$300,000 for the Commission).