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Mar. 14, 2019

Laura Jester
16145 Hillcrest Lane
Eden Prairie, MN 55346

RE: 2020 Crane Lake Improvements Funding

Ms. Jester and BCWMC Commissioners:

Thank you for your continued consideration in funding the above referenced water quality improvement project within the city of Minnetonka. We were excited to present the feasibility report for optional water quality improvements in this area, and as a partner in this project are proposing to contribute funds to see that improvements are constructed. Attached to this letter is a detailed breakdown of the estimated project costs and proposed funding.

The city recommends the commission consider funding option 3 as it maximizes the benefits in this area amongst the alternatives. As indicated in the feasibility study this option provides for the removal of an additional 10-20 lbs/yr of TSS and 3-5.5 lbs/yr of TP from options 1 and 2. We understand that the cost for this option currently exceeds budgeted amounts, but are hopeful that the city's contribution to the project will assist the project in moving forward.

If you have any questions please don't hesitate to contact Will, Sarah, or myself.

Sincerely,

Chris LaBounty, P.E.
Engineering Project Manager
City of Minnetonka

Cc: Will Manchester, City Engineer
Sarah Schweiger, Water Resource Coordinator
Andrew Plowman, Sr. Project Manager (WSB)

2020 Crane Lake Improvement Cost & Funding Summary
BCWMC CIP No. CL-3

Cost Summary by Project Option

	<u>Option 1</u>	<u>Option 2</u>	<u>Option 3</u>
Construction Costs	\$ 337,200.00	\$ 357,200.00	\$ 416,400.00
<i>Storm Sewer Infrastructure</i>	\$ 189,700.00	\$ 189,700.00	\$ 189,700.00
<i>BMP Structure + Pumps</i>	\$ 147,500.00	\$ 167,500.00	\$ 226,700.00
Indirect Costs (25%)	\$ 84,300.00	\$ 89,300.00	\$ 104,100.00
<i>BCWMC Administrative Fund</i>	\$ 7,600.00	\$ 7,600.00	\$ 9,500.00
<i>Feasibility Study</i>	\$ 21,000.00	\$ 21,000.00	\$ 21,000.00
<i>BCWMC Engineer Review</i>	\$ 15,000.00	\$ 17,000.00	\$ 20,000.00
<i>Engineering</i>	\$ 31,000.00	\$ 33,000.00	\$ 37,500.00
<i>Construction Inspection</i>	\$ 9,700.00	\$ 10,700.00	\$ 16,100.00
Contingency (15%)	\$ 50,600.00	\$ 53,527.00	\$ 62,337.00
TOTAL COST	\$ 472,100.00	\$ 500,027.00	\$ 582,837.00

Funding Summary by Project Option

	<u>Option 1</u>	<u>Option 2</u>	<u>Option 3</u>
City Contribution	\$ 172,100.00	\$ 200,027.00	\$ 204,337.00
<i>Storm Infrastructure</i>	\$ 112,800.00	\$ 112,800.00	\$ 112,800.00
<i>BMP Structure + Pumps</i>	\$ 14,800.00	\$ 34,800.00	\$ 39,200.00
<i>Indirect Costs</i>	\$ 27,800.00	\$ 32,800.00	\$ 32,800.00
<i>Contingency</i>	\$ 16,700.00	\$ 19,627.00	\$ 19,537.00
BCWMC Capital Funds	\$ 300,000.00	\$ 300,000.00	\$ 378,500.00
<i>Storm Infrastructure</i>	\$ 76,900.00	\$ 76,900.00	\$ 76,900.00
<i>BMP Structure + Pumps</i>	\$ 132,700.00	\$ 132,700.00	\$ 187,500.00
<i>Indirect Costs</i>	\$ 56,500.00	\$ 56,500.00	\$ 71,300.00
<i>Contingency</i>	\$ 33,900.00	\$ 33,900.00	\$ 42,800.00
Total Funding	\$ 472,100.00	\$ 500,027.00	\$ 582,837.00

Costs are based off of engineer's estimated costs and are rounded