COON CREEK WATERSHED DISTRICT
Request for Board Action

MEETING DATE: March 9, 2020
AGENDA NUMBER: 9
ITEM: Water Quality Cost Share Program 2020 Awards

AGENDA: Policy

ACTION REQUESTED
Award cost-share funds to 4 projects in accordance with Staff recommendations and do not reissue a RFP for quarter 2 of 2020

BACKGROUND
Section 303(d) of the federal Clean Water Act requires states to identify waters that do not meet water quality standards in support of designated beneficial uses. Coon, Sand, Pleasure, and Springbrook Creeks were listed as impaired for both aquatic life and aquatic recreation in 2006 and 2014, respectively. The Coon Creek Watershed TMDL and WRAPS, approved in 2016, established pollutant load allocations and implementation strategies to reduce total suspended sediments, total phosphorus, and E. coli in all impaired streams. All MS4s within the District including CCWD, Andover, Blaine, Coon Rapids, Fridley, Ham Lake, Spring Lake Park, Anoka Highways, and MnDOT are jointly responsible for meeting pollutant loading allocations.

Purpose
To ensure progress towards achieving required pollutant reductions and to foster collaboration among local partners

Timeline
On September 10, 2018 the Board approved the 2019 budget including establishment of a CCWD Water Quality Cost Share Program in the amount of $100,000.

On December 10, 2018 the Board reviewed the WQ Cost Share Program criteria and approved Staff to issue a RFP.

In January 2019, staff issued the first RFP for the pilot year of the WQ Cost Share Program. $175,400 in requests were received from 2 cities and the Board awarded $74,200 to 4 water quality improvement projects on May 28, 2019.

On September 9, 2019 the Board approved the 2020 budget including $100,000 for continuation of the WQ Cost Share Program. A request for 2020 proposals was distributed to applicable partners in December 2019.

By the February 14th, 2020 quarterly application deadline, 5 proposals were received from 4 cities, totaling $138,534.28 in requests:
Projects Received

<table>
<thead>
<tr>
<th>Title (Applicant)</th>
<th>Amount Requested</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Filmore &amp; 83rd Infiltration (Spring Lake Park)</td>
<td>$31,000</td>
<td>Expanding an existing rate control pond and adding an infiltration bench to reduce TSS and TP loading and stormwater volume to Stonybrook Cr &amp; Mississippi River.</td>
</tr>
<tr>
<td>Street Project WQ Improvements (Fridley)</td>
<td>$50,000</td>
<td>Installation of a hydrodynamic device and conversion of 4620 sq ft of impervious to pervious to reduce volume, TSS, particle bound pollutants, and chlorides to Springbrook Cr.</td>
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<tr>
<td>Joma Plow Blades (Coon Rapids)</td>
<td>$8,726</td>
<td>Purchasing 2 additional sets of Joma Cutting Edge plow blades to improve snow/ice removal ability and reduce chloride loading to Sand Cr, Springbrook Cr, Pleasure Cr, and Crooked Lake.</td>
</tr>
<tr>
<td>Trommel Screening Plant (Coon Rapids)</td>
<td>$42,500</td>
<td>Purchasing a trommel screening plant to sort street sweepings for reuse of leaf material as compost and sand as fill. Reduce potential risk of pollution to Pleasure Cr from Public Works storage yard.</td>
</tr>
<tr>
<td>Stormcrete Panels (Blaine)</td>
<td>$6,308.28</td>
<td>Installation of pervious stormcrete panels for 3 parking stalls at Blaine Public Works</td>
</tr>
</tbody>
</table>

FINDINGS
The District Engineer and Staff scored all proposals and are recommending the following:

<table>
<thead>
<tr>
<th>Title (Applicant)</th>
<th>Average (median) score out of 30</th>
<th>Water Quality Benefits &amp; Other Notes</th>
<th>Funding Recommendation (requested amount)</th>
</tr>
</thead>
</table>
| Street Project WQ Improvements (Fridley) | 22                               | • Reduced TSS, TP, *E. coli*, and Chloride loading to Springbrook Cr  
• Limited-time opportunity in conjunction with planned road projects | Up to $50,000* ($50,000) |
| Stormcrete Panels (Blaine)           | 22                               | • Reduced TSS, TP, & Cl to Sand Cr  
• Robust test of new technology with wide-reaching WQ improvement implications | $6,308.28 ($6,308.28) |
| Filmore & 83rd Infiltration (Spring Lake Park) | 20                               | • Reduced volume, TSS, & TP loading to Stonybrook Cr/ Mississippi Rv  
• Helps alleviate overwhelmed storm sewer downstream | $31,000 ($31,000) |
| Joma Plow Blades (Coon Rapids)       | 18                               | • Reduced salt use & chloride loading to streams at high-risk of impairment and protection of Crooked Lake  
• Reduced wear and tear on road surfaces & related erosion  
• Improved public safety/ operator satisfaction | $8,726 ($8,726) |
Trommel Screening Plant (Coon Rapids) | 7 | • As proposed, no clear water quality benefit (discharge from yard already regulated stormwater)
• Would be an excellent project if new screening plant enabled increased street sweeping, but this is not stated | $0 ($42,500)

TOTAL Recommended Awards $96,034.28

*Staff recommends awarding the full $50,000 in cost share funds upon verification the proposed work is not required to fulfil District permit requirements

ISSUES/CONCERNS

Fund Balance
If the $96,034.28 in cost share awards recommended by Staff are approved, there would be $3,965.72 in budgeted funds remaining. The 2020 Water Quality Cost Share Program Guidelines indicated there would be rolling quarterly deadlines until all funds were depleted, but this could be reconsidered given the small balance remaining.

PRIOR DECISIONS
1. September 9, 2019: Approval of the 2020 budget including $100,000 to implement a cost share program to address water quality impairments

OPTIONS
1. Award cost-share funds to 4 projects in accordance with Staff recommendations and do not reissue a RFP for quarter 2 of 2020
2. Award cost-share funds to 4 projects in accordance with Staff recommendations and reissue a RFP for quarter 2 of 2020
3. Award cost-share funds to projects in accordance with amended recommendations:
4. Do not award cost-share funds

RECOMMENDATION
Award cost-share funds to 4 projects in accordance with Staff recommendations and do not reissue a RFP for quarter 2 of 2020