Funding Provided by the Minnesota Clean Water Land and Legacy Fund

Project Status Sheet

as of 2/21/2018

**Background**

<table>
<thead>
<tr>
<th>Problem</th>
<th>Excess nutrients (phosphorus) to Goose Lake- impaired for nutrients (phosphorus)</th>
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<tbody>
<tr>
<td>Origin</td>
<td>Various sources</td>
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<tr>
<td>Plan Reference</td>
<td>CMSCWD 2010 Management Plan Section II, B. Surface Water Management- Objectives:</td>
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<tr>
<td></td>
<td>1. Maintain or improve the quality and ecological integrity of all water resources in the District</td>
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<tr>
<td></td>
<td>8. Minimize the impacts of storm water runoff. CMSCWD TMDL Report 2012 and CMSCWD</td>
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<tr>
<td></td>
<td>TMDL Implementation Report 2013</td>
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<tr>
<td>Previous Subwatershed Projects</td>
<td>1. Olinda Lane Ravine Reconstruction 2012</td>
</tr>
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<td></td>
<td>2. DNR Buffers 2013-2014</td>
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<tr>
<td>Project Goals</td>
<td>70 Lbs P reduction per year</td>
</tr>
<tr>
<td>Cost Estimates</td>
<td>Grant Application and Workplan Estimate $135,537</td>
</tr>
<tr>
<td></td>
<td>Expenses 2015: $4,907.50</td>
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<tr>
<td></td>
<td>Expenses 2016: $12,224</td>
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<tr>
<td></td>
<td>Available: $50,000 (2016 Budget)</td>
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<tr>
<td></td>
<td>Expenses 2017: $6,398</td>
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<td>Available: $50,000 (2017 Budget)</td>
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<td>Total Grant Funding</td>
<td>CMSCWD $27,107, BWSR Grant $108,430 Clean Water Fund</td>
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<tr>
<td>Partners</td>
<td>BWSR,</td>
</tr>
<tr>
<td>Stakeholders</td>
<td>Neighbors, City of Scandia</td>
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</table>

**Actions and Authorizations to date**

<table>
<thead>
<tr>
<th>Date</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>4/10/15</td>
<td>Grant awarded</td>
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<tr>
<td>2015 Activity Report</td>
<td>Informal prioritization of practices based on land-owner willingness to participate ranked Olinda Lane IESF as top priority followed by the Parrish Road IESF. Although the Goose Lake Landing IESF has the capability for a major reduction in P loading, potential development in this neighborhood may lead to greater opportunities for successful completion of the project with this development in the near future. Despite landowner enthusiasm for the Goose Lake project, site issues at Parrish Road has led to alternative design considerations by another engineer while requiring additional monitoring in the 2016 to evaluate the cost effectiveness of the project. Several meetings with Olinda Lane property owners led to an agreement to participate and project design at the Olinda Lane IESF advanced through surveying and definition of potential easements with the target of bidding the project in the spring of 2016. Preliminary design work for the Olinda Lane ravine reconstruction will start in the spring of 2016 also.</td>
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<tr>
<td>2016 Activity Report</td>
<td>Design of the Olinda Lane Iron Enhanced Sand Filter progressed to the completion of bid documents in July of 2016. With bids coming in high for another Watershed District project the Watershed District Board agreed to delay bidding to winter of 2017 to insure a competitive bid. Efforts continued to obtain neighboring property owner’s agreement with the project. The new representative from the Washington Conservation District and the District Administrator held positive meetings with the landowner at the Goose Lake Landing</td>
</tr>
</tbody>
</table>
site who agreed to permit monitoring of the discharge from the property to facilitate preliminary design of practice at her location. The potential for the development of this property will now be well into the future but the design will have to take that into account and involve the City of Scandia in talks concerning the use of their eventual road right of way.

Administration:
1. Grant administration reporting and website updates
2. Negotiating easement with 2nd property owner at Olinda La. IESF with no progress
3. Exploring possibilities of proceeding without 2nd easement
4. Working with WCD and EOR to transition engineering at Goose Lake Landing IESF to EOR
5. Begin negotiations for easement acquisition at Goose Lake Landing IESF
6. Re-evaluate Parish sand filter

Goose Lake Landing Project Development Activities:
1. Monitoring at alternative location for this practice
2. Site evaluation and survey
3. Transfer design responsibilities from WCD to EOR
4. Prepare concept design

Olinda Lane IESF Engineering Activities:
1. Bid practice and evaluate bids
2. Redesign to conform to utility easement
3. Discussions with neighboring property owner concerning easement
## Goose Lake TMDL Implementation Projects

<table>
<thead>
<tr>
<th>Date</th>
<th>Transaction Type</th>
<th>Name</th>
<th>Memo/Description</th>
<th>Amount</th>
<th>Balance</th>
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<td>06/30/15</td>
<td>Bill</td>
<td>Washington Conservation Dist/Soil &amp; Water</td>
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