Appendix A

Cost-Share Program Best Management Practices
2012 Year End Report
Rain Gardens and Other BMP’s within VBWD: 2012 Year End Report

by

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Valley Branch Watershed District
established November 14, 1968
What Has Happened in 2012?

- 53 Site Visits were conducted. (Paid for by Washington County)
- 37 projects were reviewed by the Subcommittee and 32 were approved by the Subcommittee.
- 24 projects were complete in 2012, of which 4 were from past years.

- Of the 32 projects approved – 69 practices were part of these projects.
- Of the 24 projects completed – 50 practices were installed.
2012 Recap

- Of the 32 projects – 18 sub-watersheds are represented.

- This is due to the EMWREP, neighbor communication, Blue Thumb meetings in Lake Elmo and Woodbury, and articles within the paper or comments from John Hanson.
Project: Berggren Driveway Raingarden
Partner(s): VBWD, WCD, & Landowner
Project: Butenhoff Raingarden under house
Partner(s): VBWD, Landowner & WCD
Project: Butenhoff Raingarden under house
Partner(s): VBWD, Landowner & WCD
Project: Brower / Dalton Raingarden
Project Partner(s): WCD, VBWD, and Landowner
Project: Finn Raingarden
Partner(s): VBWD, WCD, and Landowner
Project: City of Lake Elmo Roadway Raingardens
Partner(s): VBWD, WCD, & City of Lake Elmo
Project: Ruglowski Raingarden and Native Planting
Project Partner(s): WCD, VBWD, and Landowner
Project: Skalbeck Raingarden
Project Partner(s): WCD, VBWD, and Landowner
Project: Sullivan Raingarden & Dry Creek
Project Partner(s): WCD, VBWD, and Landowner
Project: Wentz Shoreline
Project Partner(s): Landowner, VBWD, WCD
Project: Lacho Raingarden
Project Partner(s): WCD, VBWD, and Landowner
<table>
<thead>
<tr>
<th>Lake</th>
<th>Legion</th>
<th>Horseshoe</th>
<th>Rose Lake</th>
<th>West Lakeland</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lake Elmo</td>
<td>0.5 TP</td>
<td>0.4 TP</td>
<td>0.3 TP</td>
<td>0.6 TP</td>
</tr>
<tr>
<td></td>
<td>0.6 TP</td>
<td>0.4 TN</td>
<td>0.6 TP</td>
<td>0.4 TN</td>
</tr>
<tr>
<td></td>
<td>0.8 TN</td>
<td>1.7 TN</td>
<td>1.4 TN</td>
<td>1.4 TN</td>
</tr>
<tr>
<td></td>
<td>27 TSS</td>
<td>55 TSS</td>
<td>13.5 TSS</td>
<td>46 TSS</td>
</tr>
</tbody>
</table>
Kell’s Coulee
0.0  TP
0.0  TN
0.0  TSS

Lake Edith
0.1  TP
0.5  TN
18   TSS

Valley Creek
0.8  TP
6.1  TN
202  TSS

Swede Hill
0.3  TP
0.5  TN
20   TSS
Olson Lake
0.3 TP
1.5 TN
50 TSS

Capaul’s Pond
1 TP
6.8 TN
223 TSS

Raleigh Creek
2.2 TP
4.7 TN
180 TSS

Jane Lake
0.8 TP
1.7 TN
54 TSS

DeMontreville
9.9 TP
18 TN
876 TSS

Sunfish Lake
0.6 TP
1.1 TN
36 TSS
2012 Recap

• Of the 32 projects – 18 sub-watersheds are represented. Projects are within the Impaired Waters of Lake Jane, and Lake Elmo.

• Original Target/Priority Area was the Tri Lakes area. All Three Lakes had BMP’s implemented around them with finished construction as well.

• 2012 Target/Priority Area was to expand throughout the watershed. Eighteen subwatersheds had projects within them and a couple new areas like Capaul’s Pond and Swede Hill.
2012 Recap

• Cleanup old projects and get them off the books. We had our best year to date on getting projects completed. In fact 20 of the 24 projects completed this year were approved in 2012.

• Only 12 projects will continue on to 2013.

• In fact: we equaled the number of projects built in 2011.
2012 Recap about the New Rules

• 2012 we used the $5,000 per pound of TP instead of 50% of the cost.

• We did not quite run out of money this year (about $2K left) and we used it all in 2011.

• 2011 (23) projects were approved, 2012 (31) homeowner projects approved for the same amount of money.

• 11.15 lbs/yr TP was captured in 2011 and 15.6 lbs/yr TP in 2012.
Sub-watershed Projects

- Two new sub-watershed for 2012 are within the VBWD.
- TOP 50 P! has 9 potential sites of a waterway or sedimentation basin within the watershed. One project is complete (Wiessner), no other projects will be coming in VBWD. No money will be requested for this or other projects.
Sub-watershed Projects

- The other sub-watershed for 2012 is the DeMontreville Lake Work.
- Staff suggested that we apply for the 2013 BWSR Legacy Grant, however we were not successful in getting that funding request.
- However, we did do a project in that same area with the City of Lake Elmo Roadway that retained 9.9 lbs from getting to the Lake.