Appendix A

BMP Cost-Share Program 2013 Annual Report Presentation
What Happen in 2013?

WCD 2013 BMP Team Roster
Jed Chesnut (CMSCWCD)
*Mike Isensee (MSCWMO)
Adam King (Ag Programming)
Tara Kline (VBWD + RWMWD)
James Landini (ALL)
*Bryan Pynn (MSCWMO + BCWD)
Andy Schilling (SWWD + RCWD + CLFLWD)
*Mike Schumann (ALL)
Aida Abebe - MCC Green Corps
* - Rookie Year
### 2013 Summary of BMP's per watershed

<table>
<thead>
<tr>
<th>Watershed</th>
<th># of Site Visits</th>
<th># of Projects Installed/Closed-Out</th>
<th># of Projects Installed/Closed-Out from Previous Years</th>
<th># of 2013 Projects Completed (TA Only)</th>
<th># of 2013 Projects (In-Progress)</th>
<th>Load Reduction for Installed Projects</th>
</tr>
</thead>
<tbody>
<tr>
<td>BCWD</td>
<td>24</td>
<td>0</td>
<td>3</td>
<td>10</td>
<td>11</td>
<td>0.525</td>
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<tr>
<td>CLFLWD</td>
<td>23</td>
<td>1</td>
<td>3</td>
<td>7</td>
<td>13</td>
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<tr>
<td>MSCWMO</td>
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<td>17</td>
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<td>11</td>
<td>23</td>
<td>18.85</td>
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<tr>
<td>RCWD</td>
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<td>4</td>
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<td>1</td>
<td>2</td>
<td>7.31</td>
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<tr>
<td>CMSCWD</td>
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<td>3</td>
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<td>0</td>
<td>10</td>
<td>15.41</td>
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<tr>
<td>RWMWD</td>
<td>18</td>
<td>0</td>
<td>0</td>
<td>1</td>
<td>13</td>
<td>0</td>
</tr>
<tr>
<td>SWWD</td>
<td>47</td>
<td>16</td>
<td>8</td>
<td>12</td>
<td>24</td>
<td>48.51</td>
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<tr>
<td>VBWD</td>
<td>50</td>
<td>4</td>
<td>5</td>
<td>3</td>
<td>19</td>
<td>0.7</td>
</tr>
<tr>
<td><strong>TOTALS</strong></td>
<td><strong>241</strong></td>
<td><strong>45</strong></td>
<td><strong>21</strong></td>
<td><strong>45</strong></td>
<td><strong>115</strong></td>
<td><strong>92</strong></td>
</tr>
</tbody>
</table>
# BMP PROJECT TRACKING 2013

## Valley Branch Watershed District Cost-Share Program

<table>
<thead>
<tr>
<th>PROJECT SUMMARY</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Total Number of Site Visits Conducted in 2013:</strong></td>
</tr>
<tr>
<td><strong>Total Number of Projects Approved in 2013 (Includes 11 site visits from 2012)</strong></td>
</tr>
<tr>
<td><strong>Total Number of Projects Completed/Closed-Out 2013:</strong></td>
</tr>
<tr>
<td><strong>Total Number of Projects from Previous Years Completed/Closed-Out in 2013:</strong></td>
</tr>
<tr>
<td><strong>Total Number of Projects Completed (Technical Assistance Only) in 2013:</strong></td>
</tr>
<tr>
<td><strong>Total Number of Projects (In-Progress) in 2013:</strong></td>
</tr>
<tr>
<td><strong>Total Number of Projects:</strong></td>
</tr>
<tr>
<td><strong>Total Percentage of Project Follow-Through by Landowner, Post Initial Contact:</strong></td>
</tr>
<tr>
<td><strong>Total Phosphorous Reduction from Projects Completed/Closed-Out in 2013 (lbs/yr):</strong></td>
</tr>
</tbody>
</table>

1 RCD 2013 Project Completed/Closed-Out 2013
<table>
<thead>
<tr>
<th>City</th>
<th>Projects</th>
<th>Buckthorn</th>
<th>Native Planting</th>
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<tbody>
<tr>
<td>Afton</td>
<td>5</td>
<td>3</td>
<td>12</td>
</tr>
<tr>
<td>Lake Elmo</td>
<td>11</td>
<td></td>
<td>12</td>
</tr>
<tr>
<td>Oakdale</td>
<td>7</td>
<td></td>
<td>12</td>
</tr>
<tr>
<td>Stillwater Twp</td>
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<td></td>
<td>12</td>
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<tr>
<td>West Lakeland Twp</td>
<td>2</td>
<td></td>
<td>12</td>
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</table>
## Projects Approved For Cost Share in 2013, 2 Cancelled.

<table>
<thead>
<tr>
<th>Subwatershed</th>
<th>Projects in 2013</th>
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<tbody>
<tr>
<td>Acron Lake</td>
<td>2</td>
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<tr>
<td>Beutel Pond</td>
<td>2</td>
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<tr>
<td>DeMontreville</td>
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<tr>
<td>Downs Lake</td>
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</tr>
<tr>
<td>Goetchel Pond</td>
<td>1</td>
</tr>
<tr>
<td>Horseshoe Lake</td>
<td>1</td>
</tr>
<tr>
<td>Kelles Coulee</td>
<td>3</td>
</tr>
<tr>
<td>Klawitter</td>
<td>1</td>
</tr>
<tr>
<td>Lake Jane</td>
<td>2</td>
</tr>
<tr>
<td>Lake Olson</td>
<td>2</td>
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<tr>
<td>McDonald Lake</td>
<td>1</td>
</tr>
<tr>
<td>Mergens Pond</td>
<td>2</td>
</tr>
<tr>
<td>North Farney Creek</td>
<td>1</td>
</tr>
<tr>
<td>North Fork Valley Branch Creek</td>
<td>2</td>
</tr>
<tr>
<td>Olson Lake Estates Pond</td>
<td>1</td>
</tr>
<tr>
<td>Raleigh Creek</td>
<td>1</td>
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<tr>
<td>Rose Lake</td>
<td>1</td>
</tr>
<tr>
<td>South Fork</td>
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</tbody>
</table>
Before

During

After

Native Plant Grant, Complete
2013 Project Review, Lochner/Santori Residence

Individual Grant, Raingarden Complete

Before

After

Beutel Pond
2013 Project Review, McGuire-Ales Residence

Native Plant Grant, Complete

Before

After
Before

After

Native Planting, Complete

After

Native Planting, Complete

Acorn Lake
2013 Project Review, Reeh Residence

Buckthorn Removal Complete

Before

After

McDonald Lake
2013 Project Review, Wilcox Residence

Buckthorn Removal, In Process

Kelles Coulee

Before

After
Native Plant Grant,
White Pines

Complete 2013
2013 Project Review, Hedberg, 2012

Before

After

Hedberg Swale, Complete 2013
Old Design from Master Gardeners, looking to update design and plant list.

Plant list for Fair Rain Gardens planted in 2006

- Black Chokeberry has been planted near the building behind all the gardens.

(natives, planted with one gallon pots)
- A - Swamp Milkweed (Asclepias incarnata)
- B - Joe Pye Weed (Eupatorium maculatum)
- C - Boneset (Eupatorium perfoliatum)
- D - Prairie blazingstar (Liatris pycnostachya)
- E - Great Blue Lobelia (Lobelia siphilitica)
- F - Ironweed (Vernonia fasciata)
- G - Fragrant Hyssoop (Agastache foeniculum)
- H - Canada Anemone (Anemone canadensis)
- I - Smooth Aster (Aster novi-belgii)
- J - Sky-blue Aster (Aster coelestinus)
- K - Switchgrass (Panicum virgatum)
- L - Black Eyed Susans (Rudbeckia hirta)
- M - Prairie Onion (Allium tricoccum)
- N - Prairie Sage ( Artemisia ludoviciana)
- O - Prairie Coreopsis (Coreopsis palmata)
- P - Prairie Smoke (Geum triflorum)
- Q - June Grass (Koeleria macrantha)
- R - Little Blueseed (Schizachyrium scoparium)
- R* - Sweetgrass (Hierochloe odorata)
  *Trying to remove as it spreads too fast.

(natives planted with plugs)
- A - Swamp Milkweed (Asclepias incarnata)
- B - Joe Pye Weed (Eupatorium maculatum)
- C - Boneset (Eupatorium perfoliatum)
- D - Prairie blazingstar (Liatris pycnostachya)
- E - Great Blue Lobelia (Lobelia siphilitica)
- F - Ironweed (Vernonia fasciata)
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- H - Canada Anemone (Anemone canadensis)
- I - Smooth Aster (Aster novi-belgii)
- J - Sky-blue Aster (Aster coelestinus)
- K - Bristlebrush Grass (Ejomus hispinus)
- L - Black Eyed Susans (Rudbeckia hirta)
- M - Prairie Onion (Allium tricoccum)
- N - Spiderwort (Tradescantia occidentalis)
- O - Prairie Coreopsis (Coreopsis palmata)
- P - Prairie Smoke (Geum triflorum)
- Q - June Grass (Koeleria macrantha)
- R - Little Blueseed (Schizachyrium scoparium)
- R* - Sweetgrass (Hierochloe odorata)
  *Trying to remove as it spreads too fast.
2013 Recap

1. The addition of the prioritized locations for cost share encouraged residents to follow through and install their project. The EMWREP program, neighbor communication, Blue Thumb, and articles within the paper or comments from the watershed have continued to assist homeowners to find cost share programs in Washington & Ramsey County.

2. Rusty moved in March, Snow lasted until May 11.

3. Maintained large volume of VBWD projects

4. A lot of time spent on correction of Lake Elmo 2012 raingardens. For future projects should City also cover cost of WCD employees time under VBWD?

5. Priority for majority of landowners was Native Plant Grant.

6. Awarded 2014 CWF Grant for: Lake St. Croix Rural Subwatershed Project Implementation aka Top 50 P Phase 2

Not Awarded: Homestead Development & DeMontreville Lake Bioretention

7. Bad drainage issues, people bought bad lots.

8. More guidelines on when cost share recipient moves? They must inform us so we can discuss the project benefits to new landowner.
1. Add expected end date to grant applications (1 year to complete)

2. Agricultural Grants: No till or other

3. Grant $ many need to get re-structured in 2015 to help cover cost of future maintenance. BMP Maintenance Focus Group in process. First came the database.

4. Using the Homeowner Packet more for residential designs and spending time on larger projects.

5. Turf to Prairie CWF Grant
Example: 1 Acre Project (0.5 lb TP)  
*Install + 2 yrs Maintenance*  
= 75% Grant Covers per Acre/ $6,200 max ($4,650)  
= 25% Landowner/partnering agency ($1,550)

2014 Recommendations

Grant allows for 20 – 30 acres depending on complexity.

Currently 1 – 2 projects in VBWD (Wilcox in running)

Will know more in March on landowners selected.
THANK YOU!

Dog along Lake Edith Shoreline

Tara Kline
Natural Resource Specialist
Washington Conservation District