



Brown's Creek Restoration - Retrofitting Neal Ave Neighborhood



Clean Water Funds: 2013

| | |
|----------------------|-------------|
| Clean Water Grant | \$45,000 |
| Leveraged Funds* | \$46,376.89 |
| Total Project Budget | \$91,376.89 |

* Leveraged Funds include

Targeted Water:

Brown's Creek - DNR designated trout stream

Project Sponsor:

Brown's Creek Watershed District



Project Partners:

City of Stillwater

Grant Period:

January 2013—December 2015

Project Contact:

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www.bcwd.org



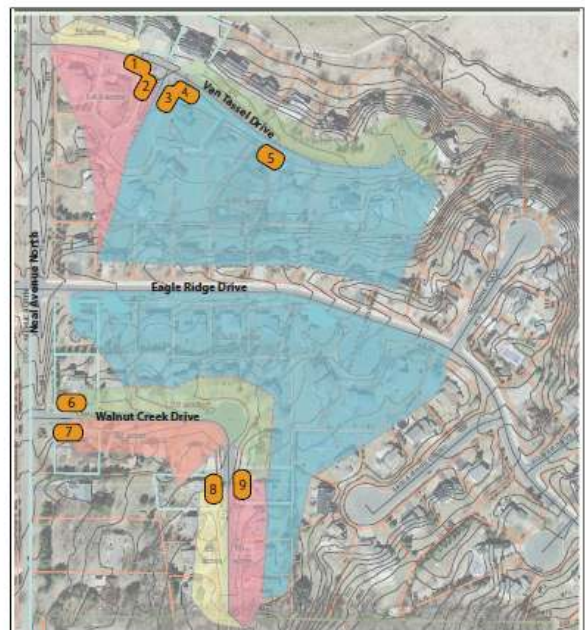
CWF13-209 - Clean Water Assistance

Project Narrative

Brown's Creek Watershed District (BCWD) has identified this project as a part of the Brown's Creek TMDL Implementation. The identified untreated residential development in Stillwater directly contributes stormwater to Brown's Creek, a DNR designated trout stream currently impaired for turbidity and lack of cold water assemblage. The main stressors for Brown's Creek are total suspended solids and thermal loading. By working with seven residential landowners in the neighborhood, BCWD installed 9 street-side raingardens to infiltrate 3.86 acre-feet of warm stormwater and to remove 1.3 ton of the total suspended solids and 6.6 pounds of total phosphorous per year from Brown's Creek.



Location Map



BMP Practice Location Map

Proposed Outcomes:

- Reduce Phosphorus by 6 pounds/year,
- Reduce Sediment by 1 tons/year
- Reduce runoff volume by 3 acre-feet/year.

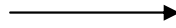
Actual Outcomes:

- Reduce Phosphorus by 6.6 pounds/year,
- Reduce Sediment by 1.3 tons/year
- Reduce runoff volume by 3.86 acre-feet/year.

Before

After (October 2015)

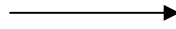
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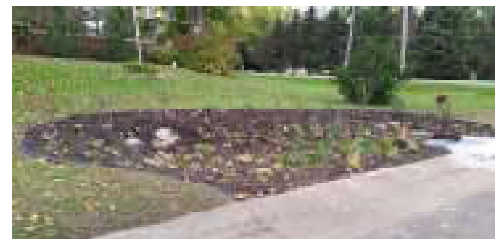
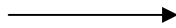
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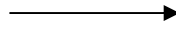
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