



2015-17 Small Projects Recruitment Form

Chehalis River Basin Flood Relief

What are small projects? -- In general, small projects are those projects that provide predominantly localized benefit, are capable of being completed within the funding cycle, are supported by the jurisdiction within which the project is proposed, and are vetted and advanced through the Chehalis River Basin Flood Authority's Chehalis Basin Projects Committee.

Instructions:

- a. Please submit project requests (via this form) to Scott Boettcher (scottb@sbgh-partners.com) no later than 5:00 p.m. September 10, 2014.
- b. Please submit individual project request forms for each project in your jurisdiction, even those projects previously or partially funded in the past.
- c. Note: Parts III and IV below [marked by "(**)"] will be scored as part of the Chehalis Basin Projects Committee's review and evaluation. Part I and II will not be scored.

Part I General	
1. Date:	8/27/2014
2. Project Name:	Waste Water Treatment Plant - Wynoochee River Bank Protection
3. Project Location -- Please identify the location of the project as precisely as possible, preferable with latitude/longitude coordinates.	The City of Montesano waste water treatment plant (WWTP) is located along the Wynoochee River near it's confluence with the Chehalis River. The Wastewater Treatment Plant (WWTP) is in the south portion of Montesano, west of Highway 107 and east of the Wynoochee River. The coordinates for the project is 46°58'04" N, 123°36'27" W
4. Project Contact -- Please identify who will be responsible for overseeing and managing the project (i.e., name, email, telephone number, etc.).	The City of Montesano public works director Rocky Howard rhoward@montesano.us , 360-590-1833
5. Lead Organization -- Please identify the lead organization,	The City of Montesano



<p>agency, entity, etc. responsible for this project.</p>	
<p>Part II Description, Timing and Cost</p>	
<p>6. Project Description -- Please describe the project, what it is intended to accomplish, and the benefits that will accrue and to whom.</p>	<p>The project will be to protect the waste water treatment facility on the Wynoochee river from erosion the river is causing on the bank which the treatment plant sits on. By installing three (3) two-hundred (200) foot rock groins, the river flow will be deflected from further erosion. There will not be any in water work to install these. The project will benefit everyone downstream of the plant. If this project is funded the plant will be saved from spilling raw sewage into the river.</p>
<p>7. Project Timeline -- Please describe the overall timeline for completion of the project as well any interim stages or phases.</p>	<p>From the beginning of design to the end of construction it is approximately 120 working days.</p>
<p>8. Project Cost and Funding -- What is the cost of this project? What are the on-going maintenance and operation requirements? Is it clear who will be responsible for on-going maintenance and operations costs?</p>	<p>The estimated cost of this project is \$1,320,000 including design engineering and construction management. There are no ongoing maintenance or operation costs with this project.</p>
<p>9. Other Funding -- Please explain the extent to which other funding sources or funding partners are available.</p>	<p>Not Applicable</p>
<p>Part III (**) Completion and Doability by June 30, 2017</p>	
<p>10. Project Completion -- Does the funding requested complete (or substantially complete) a project that has already been started? If so, please explain.</p>	<p>In 2007, the City funded \$500,000 as an emergency effort to install a sheet pile structure adjacent to the lagoon to prevent continued erosion of the embankment and potential sludge discharge into the river. That only protected the waste water treatment plant from flooding. This phase is to further protect from continuing meander and erosion not present at that time.</p>
<p>11. Project Doable -- Can this project or the stage/phase for which funding is sought be completed by June 30, 2017?</p>	<p>Yes it can.</p>



<p>12. Project Impacts -- Please identify how any project impacts will be mitigated and if that mitigation will be accomplished by June 30, 2017?</p>	<p>Not Applicable</p>
<p>Part IV (**) Benefits Stated and Quantified</p>	
<p>13. Emergency Response -- Please explain how this project enhances our ability to respond in a flood emergency (e.g., does it keep critical access roads, transportation facilities, etc. open and functional.)</p>	<p>Not Applicable</p>
<p>14. Essential Infrastructure Protection -- Please explain how this project protects essential infrastructure (as well the risks or consequences of not acting this funding cycle).</p>	<p>This project will protect the waste water treatment plant from collapsing into the Wynoochee river, by preventing the erosion from happening in the area around the treatment plant. If this project does not get funded the Wynoochee river will erode the banks and cause the treatment plant to fail and spill raw sewage and sludge into the river and be carried downstream.</p>
<p>15. Public Health, Safety and Welfare -- Please explain how this project protects public health, safety and welfare.</p>	<p>The project will protect the waste water treatment plant from spilling raw sewage and sludge into the Wynoochee river. If the project does not get built many people and animals will be exposed to raw sewage, leading to the potential of poisoning.</p>
<p>16. Residential, Commercial and/or Agricultural Protection -- Please explain how this project protects residential, commercial and/or agricultural interests and communities and the benefits of acting (or consequences of not acting) this funding cycle. Consider factors like number of structures at risk, number of people at risk, historic frequency of flood damage, magnitude of benefit to be gained for the cost, etc.).</p>	<p>If the waste water treatment plant fails the raw sewage will spill in to the Wynoochee river and flow into the Chehalis river which empties into Greys Harbor. The impact of a disaster like that would be immense. The Wynoochee has been eroding the banks increasingly more each year. The river has already eroded the bank past the treatment plant is some area, and the only thing holding it up is the existing wall. The treatment plant won't last much longer if nothing is done soon. All people and ways of life below that treatment plant will be greatly affected if the plant is to fail. This is a fish habitat and if they raw sewage and sludge were to enter it, it would greatly affect the eco system of the river.</p>

<p>17. Other Project Impacts -- Please explain how this project impacts or is potentially impacted by another project.</p>	<p>Not Applicable</p>
<p>18. Anything Else -- Please feel free to offer any additional information (e.g., photos, maps, drawings, etc.) that would be helpful to better understand the scope, timeline and benefits of this project.</p>	



