



## 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:

- Please submit project requests (via this form) to Scott Boettcher ([scottb@sbgh-partners.com](mailto:scottb@sbgh-partners.com)) no later than 5:00 p.m. ~~September 10, 2014~~ September 30, 2014.
- Please submit individual project request forms for each project in your jurisdiction, even those projects previously or partially funded in the past.
- 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. <b>Date:</b>	September 26, 2014
2. <b>Project Name:</b>	Bucoda Flood Mitigation through Elevation of Structures
3. <b>Project Location</b> -- Please identify the location of the project as precisely as possible, preferable with latitude/longitude coordinates.	The Town of Bucoda is proposing to elevate two residential structures to mitigate flood impacts of the Skookumchuck River. The two structures are listed as repetitive loss and need to be elevated.
4. <b>Project Contact</b> -- Please identify who will be responsible for overseeing and managing the project (i.e., name, email, telephone number, etc.).	Mayor Alan Carr Town of Bucoda PO Box 10, Bucoda, WA 98530 360.278.3525 <a href="mailto:mayorofbucoda@scattercreek.com">mayorofbucoda@scattercreek.com</a>
5. <b>Lead Organization</b> -- Please identify the lead organization, agency, entity, etc. responsible for this project.	Town of Bucoda



Part II Description, Timing and Cost	
6. <b>Project Description</b> -- Please describe the project, what it is intended to accomplish, and the benefits that will accrue and to whom.	This project proposes to elevate two residential structures two feet above the documented high water. This mitigation project will reduce property damage and potentially will save lives. The benefit is to the structure owners.
7. <b>Project Timeline</b> -- Please describe the overall timeline for completion of the project as well any interim stages or phases.	<p>Project tasks are outlined below. It is estimated to take 3 to 4 months per structure. If both structures are elevated at the same time the entire project would take 3 to 4 months, if they are elevated in series it will take 9 to 12 months.</p> <p><b>Task 1: Project Preparation:</b> The Town of Bucoda will work with Thurston County and outside flood consultants (such as FEMA) in establishing base flood elevation, finished floor height at two feet above BFE or documented high water. (Current Thurston County development code requires the structure's lowest floor level to be elevated two feet (2') above the BFE or documented high water whichever is greater.)</p> <p><b>Task 2: Elevating the Structures:</b> The Town will utilize a contractor to complete the elevation of the residential structures including:</p> <ul style="list-style-type: none"> <li>• Replacement of joists and beams (if required);</li> <li>• Jacking up structures;</li> <li>• Putting concrete blocks on top of old foundation;</li> <li>• Replacement of pads and posts;</li> <li>• Reconnecting plumbing, septic, and phone;</li> <li>• Building stairs front and back.</li> </ul> <p><b>Task 3: Permits and Inspections:</b> Permits and inspections include, but may not be limited to: Building Permit; Plan Review; Plumbing; Mechanical; Planning Review; Health Department Inspection; and Development Review.</p>
8. <b>Project Cost and Funding</b> -- 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?	The cost to elevate each structure is estimated at \$45,000 to \$50,000 depending if additional replacement of joists and beams are required. <b>Total project cost</b> is estimated between <b>\$90,000 and \$100,000</b> . No on-going maintenance costs, owners will maintain.



9. <b>Other Funding</b> -- Please explain the extent to which other funding sources or funding partners are available.	There is no addition funding source for this project.
<b>Part III (**)</b> <b>Completion and Doability by June 30, 2017</b>	
10. <b>Project Completion</b> -- Does the funding requested complete (or substantially complete) a project that has already been started? If so, please explain.	No, this project is new.
11. <b>Project Doable</b> -- Can this project or the stage/phase for which funding is sought be completed by June 30, 2017?	This project can definitely be completed by June 30, 2017
12. <b>Project Impacts</b> -- Please identify how any project impacts will be mitigated and if that mitigation will be accomplished by June 30, 2017?	There should be no project impacts that need mitigating. The project is to elevate two residential structures to mitigate flood impacts the structures.
<b>Part IV (**)</b> <b>Benefits Stated and Quantified</b>	
13. <b>Emergency Response</b> -- 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.)	Completion of this project will potentially free flood response resources to be utilized in other areas because they will not have to respond to these two locations.
14. <b>Essential Infrastructure Protection</b> -- Please explain how this project protects essential infrastructure (as well the risks or consequences of not acting this funding cycle).	This project does not protect essential infrastructure of facilities. This project would elevate two residential structures out of the floodplain.
15. <b>Public Health, Safety and Welfare</b> -- Please explain how this project protects public health, safety and welfare.	This project would elevate two residential structures out of the floodplain, freeing flood response resources to be utilized in other locations potentially saving lives and reducing property damage of other locations.



<p>16. <b>Residential, Commercial and/or Agricultural Protection</b> -- 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>The project is a structure elevation project. Elevate two residential structures two feet higher than the documented high water level of flooding.</p>
<p>17. <b>Other Project Impacts</b> -- Please explain how this project impacts or is potentially impacted by another project.</p>	<p>This project neither impacts nor will be impacted by another project.</p>
<p>18. <b>Anything Else</b> -- 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>	