



2015-17 Small Projects Recruitment Form

"Additional Local Flood relief Projects" (for 2015-17 biennium)

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.

What are additional local flood relief projects? – Additional local flood relief projects are small projects seeking to utilize surplus 2015-17 small project monies as a result of other small projects coming in under budget, being re-scoped or otherwise resulting in surplus resources. Additional local flood relief projects, like small projects are to be completed within the funding cycle, supported by the jurisdiction within which the project is proposed, and vetted and advanced through the Chehalis River Basin Flood Authority's Chehalis Basin Projects Committee.

Instructions:

- Please submit additional local flood relief project requests (via this form) to Scott Boettcher (scottb@sbgh-partners.com) no later than 5:00 p.m. April 1, 2016.
- 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 | |
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| 1. Date: | March 31, 2016 |
| 2. Project Name: | Oakville, East GHC and WSDOT Flood Relief Mitigation Analysis Project |
| 3. Project Location -- Please identify the location of the project as precisely as possible, preferable with latitude/longitude coordinates. | The project area's Northwest point is N46°50.746' W123°14.084" Northeast point is N46°50.218' W123°12.589" Southeast point is N46°50.237' W123°13.399" Southwest point is N46°50.028" |



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| | W123*13.987" |
| 4. Project Contact -- Please identify who will be responsible for overseeing and managing the project (i.e., name, email, telephone number, etc.). | Dan Thompson oakvillewaterstreet@gmail.com 360-280-6843 Supt. of Public Works City of Oakville |
| 5. Lead Organization -- Please identify the lead organization, agency, entity, etc. responsible for this project. Please identify key partners responsible for assisting in the delivery or implementation of the project. | City of Oakville oakvillecityhall@comcast.net 360-273-8916 Mayor Thomas Sims |
| Part II Description, Timing and Cost | |
| 6. Project Description -- Please describe the project, what it is intended to accomplish, and the benefits that will accrue and to whom. | Collect data, geography and history on the constant flooding occurring in the area of East GHC, Oakville and WSDOT. This information will be used to create a list of sound solutions mitigating personal suffering, infrastructure and property damage to public and private citizens and local entities. |
| 7. Project Timeline -- Please describe the overall timeline for completion of the project as well any interim stages or phases. | April 2016 to July 2016. This investigational analysis could have two phases. 1. Data collection 2. Three mitigation project proposals, including engineered cost estimates and benefit calculations. |
| 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? | The project is an engineering analysis with a budget of \$55,000.00 total. There should be minimal O/M requirements. The lead agency would assume any O/M costs. |
| 9. Other Funding -- Please explain the extent to which other funding sources or funding partners are available. | This is a multi-jurisdictional project. Grays Harbor County the City of Oakville and WSDOT are partners. The lead agency has contacted both partners and they are supportive of the project. |
| Part III (**) Completion and Doability by June 30, 2017 | |
| 10. Project Completion -- Does the funding requested complete (or substantially complete) a project that has already been started? If so, please explain. | No |
| 11. Project Doable -- Can this project or the stage/phase for which funding is sought be completed by June 30, 2017? Does the project | Yes |



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| face problem areas that could impact its doability and timeline, e.g., permitting or regulatory unknowns. | |
| 12. Project Impacts -- Please identify how any project impacts will be mitigated and if that mitigation will be accomplished by June 30, 2017? | This investigation should have minimal project impacts. All three jurisdictions will be working together providing continuity for possible impact resolution. |
| Part IV (**) Benefits Stated and Quantified | |
| 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.) | Currently there are three road closures that occur 90% of the time per event. Two City roads and one County road are blocked to emergency equipment. |
| 14. Essential Infrastructure Protection -- Please explain how this project protects essential infrastructure (as well the risks or consequences of not acting this funding cycle). | There are six public roads that are directly affected by this flood issue. The culverts are plugged and three of the aggregate road surfaces wash out. This analysis project will produce a short list of projects or project that will mitigate as many as possible of the flood affected areas. The consequences of no action means more property damage and road reconstruction. |
| 15. Public Health, Safety and Welfare -- Please explain how this project protects public health, safety and welfare. | Public Health is improved by on-site septic drain field's not spreading raw sewage during events. Safety is improved by traffic not having to forde deep water over intersections. This investigational project will lead to these improvements. |
| 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>This investigational analysis would lead to protecting residential properties by avoiding home flood repair costs. Not disrupting the lives of workers, students and elderly thru the evacuation and relocation process while the homes are repaired. Commercial properties would be able to operate their businesses during events and not deal with structural damage, lost inventory and employee layoffs.</p> <p>There are approx. 35 houses and 4 commercial businesses affected by these flood events. The historic frequency is about one to two events per year.</p> |



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| <p>17. Other Project Impacts -- Please explain how this project impacts or is potentially impacted by another project.</p> | <p>This project will provide further benefit to the mitigation projects in place now and the future. The drainages flow directly to the Chehalis River. This project will add more information to the basin wide solution strategy of the Flood Authority.</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> | <p>I will have drafts of the project area available in a few weeks. The following is a short summary of the flood events origin and path. Water flows out of the County thru Oakville into WSDOT Hwy 12 back into the County, then back thru Oakville and ending up on the Chehalis Reservation into the Chehalis River.</p> |