



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](mailto:scottb@sbgh-partners.com)) no later than 5:00 p.m. September 30, 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. <b>Date:</b>	Sept 29, 2014
2. <b>Project Name:</b>	BOISTFORT VALLEY WATER PRE-SEDIMENTATION POND
3. <b>Project Location</b> -- Please identify the location of the project as precisely as possible, preferable with latitude/longitude coordinates.	712N R4W SECTION 24 2237 WILDWOOD ROAD CURTIS, WA 98538
4. <b>Project Contact</b> -- Please identify who will be responsible for overseeing and managing the project (i.e., name, email, telephone number, etc.).	RICHARD EITEL reitelre@msn.com 360 520-3627 748-1285
5. <b>Lead Organization</b> -- Please identify the lead organization, agency, entity, etc. responsible for this project.	LEWIS COUNTY



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.	A COLLECTION BASIN TO REMOVE SEDIMENT FROM RAW INTAKE WATER BEFORE TREATMENT
7. <b>Project Timeline</b> -- Please describe the overall timeline for completion of the project as well any interim stages or phases.	1 MONTH
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?	COST \$289,000 BOISTFORT VALLEY WATER WILL BE RESPONSIBLE FOR ALL ONGOING MAINTENANCE & OPERATIONS COST
9. <b>Other Funding</b> -- Please explain the extent to which other funding sources or funding partners are available.	LOANS THROUGH USDA RURAL DEVELOPMENT OR STATE REVOLVING FUND MAY BE AVAILABLE
Part III (**) Completion and Doability by June 30, 2017	
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
11. <b>Project Doable</b> -- Can this project or the stage/phase for which funding is sought be completed by June 30, 2017?	YES
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?	EXCESSIVE SEDIMENT IN RAW WATER WILL BE REMOVED BEFORE TREATMENT AND WOULD BE RECOMPLISHED BY JUNE 30, 2017
Part IV (**) Benefits Stated and Quantified	
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.)	THIS PROJECT WILL ALLOW A PUBLIC TO FUNCTION DURING A FLOOD EMERGENCY

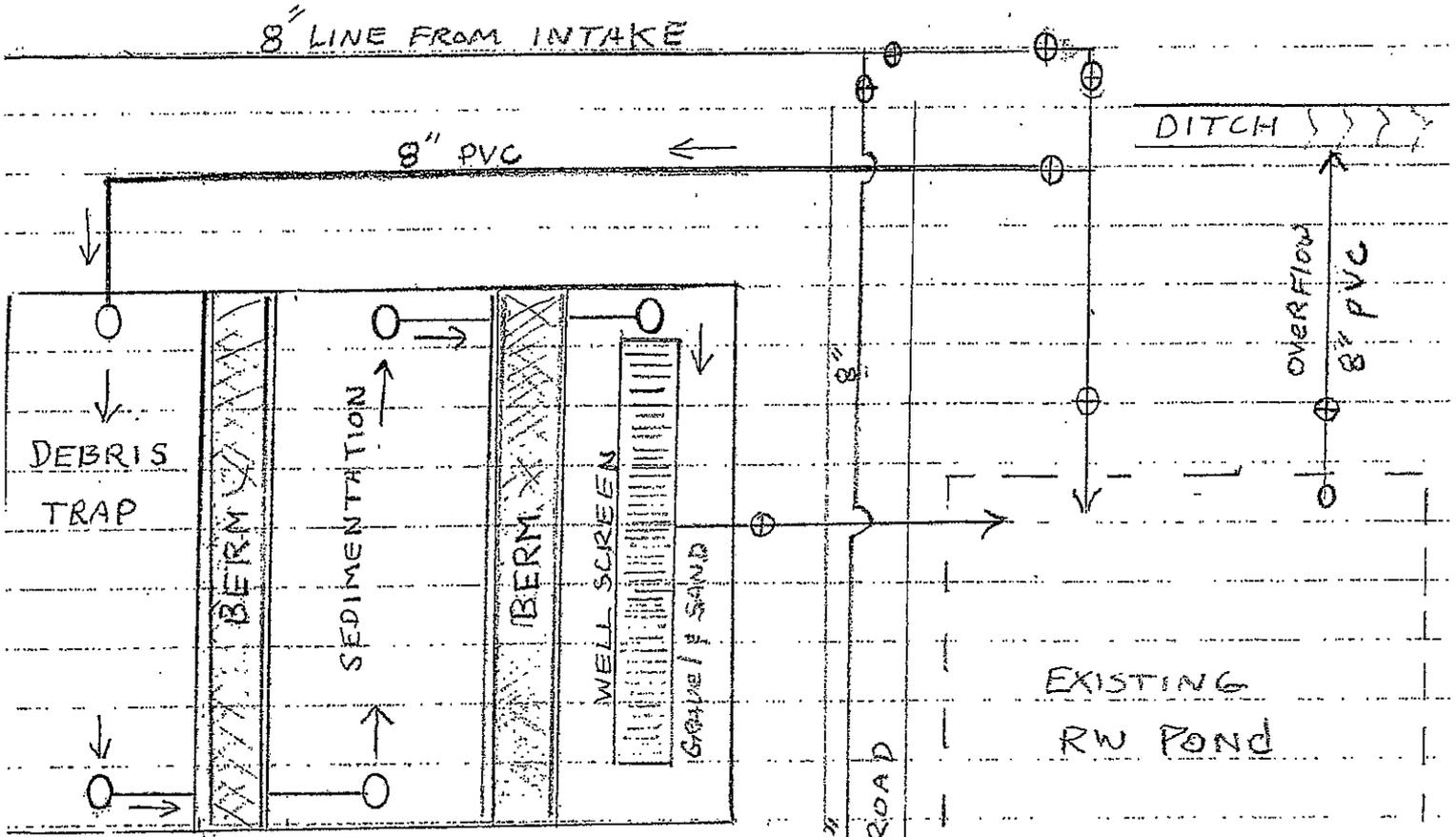


<p>14. <b>Essential Infrastructure Protection</b> -- Please explain how this project protects essential infrastructure (as well the risks or consequences of not acting this funding cycle).</p>	<p>THIS PROJECT PROTECTS A WATER TREATMENT FACILITY FROM DAMAGE DUE TO EXCESSIVE SEDIMENT LOADS DURING HEAVY RAINFALL &amp; FLOODING TREATMENT PLANT WOULD BE INOPERABLE OTHERWISE</p>
<p>15. <b>Public Health, Safety and Welfare</b> -- Please explain how this project protects public health, safety and welfare.</p>	<p>PROTECTS AGAINST WATER CONTAMINATION IN PUBLIC DRINKING WATER SUPPLY.</p>
<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>BOISTFORD WASLEY WATER IS A COMMUNITY PUBLIC WATER SUPPLY THAT SERVES 800 HOMES, 3 PUBLIC SCHOOLS AND 7 DAIRIES. FLOODS OCCUR EVERY 3-5 YEARS</p>
<p>17. <b>Other Project Impacts</b> -- Please explain how this project impacts or is potentially impacted by another project.</p>	<p>LOGGING PROJECTS UPSTREAM POTENTIALLY IMPACT THIS 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>	<p>INCLUDED AS ATTACHMENTS</p>

**Boistfort Valley Water  
Wildwood WTP Sediment Basin  
Preliminary Cost Estimate**

<u>NO</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>	<u>UNIT PRICE</u>	<u>AMOUNT</u>
1	Mobilization and Demobilization	1 LS	\$ 18,000	\$ 18,000
2	Clearing and Grubbing	1 LS	\$ 40,000	\$ 40,000
3	Sitework	1 LS	\$ 50,000	\$ 50,000
4	Unsuitable Excavation	20 CY	\$ 35	\$ 700
5	Gravel Borrow	100 TN	\$ 15	\$ 1,500
6	Foundation Gravel	200 CY	\$ 40	\$ 8,000
7	Crushed Surfacing Top Course	125 TN	\$ 28	\$ 3,500
8	Crushed Surfacing Base Course	250 TN	\$ 28	\$ 7,000
9	Erosion Control	1 LS	\$ 5,000	\$ 5,000
10	Restoration and Fencing	1 LS	\$ 25,000	\$ 25,000
11	Piping, Valves and Appurtenances	1 LS	\$ 20,000	\$ 20,000
	Subtotal			\$ 178,700
	Washington State Sales Tax (7.8%)			\$ 13,939
	Subtotal			\$ 192,639
	Contingency (20%)			\$ 38,528
	Total Estimated Construction Cost			\$ 231,000
	Engineering and Construction Management (25%)			\$ 57,750
	<b>TOTAL ESTIMATED PROJECT COST</b>			<b>\$ 289,000</b>

# PROPOSED WILLOW SEDIMENT POND ADDITION



FOR CLEANING PURPOSES HAVE VEHICLE ACCESS TO ALL FOUR SIDES

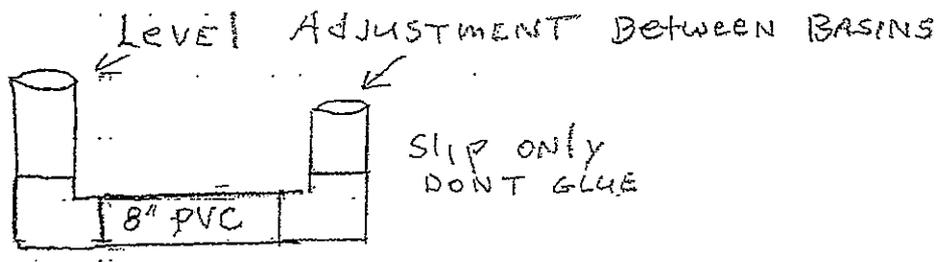
BERMS SHOULD BE DESIGNED TO ACCOMMODATE FOOT TRAFFIC & 4" SUCTION HOSE

WELL SCREEN SHOULD BE AT MAX DEPTH, BUT NO LOWER THAN OVERFLOW LEVEL OF EXISTING POND.

MAKE PROVISION FOR 2" AIR LINE INSIDE WELL SCREEN

COVER WELL SCREEN WITH GRAVEL FOLLOWED BY COARSE SAND.

TO CONCRETE BASINS



NOTE:  
 NOT TO SCALE  
 PREDESIGN SKETCH  
 OF PROPOSED  
 SEDIMENTATION  
 BASIN.  
 7/12/14