

## Scott Boettcher

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**From:** Erik Martin <Erik.Martin@lewiscountywa.gov>  
**Sent:** Wednesday, February 14, 2018 9:24 AM  
**To:** Scott Boettcher  
**Subject:** RE: FA Projects

Scott,

I am great with your offer. Thank you for considering the FCZD for this funding.

Let me know what I need to do next. I have a consultant who can start relatively soon and has already been doing some work for the FCZD unless the FA or RCO requires us to go through a specific selection process. In this case they are on our consultant roster and this work would be below any thresholds to advertise.

Thanks again.

***Erik Martin, PE  
Administrator  
Chehalis River Basin  
Flood Control Zone District  
360-740-2697***

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**From:** Scott Boettcher [mailto:scottb@sbgh-partners.com]  
**Sent:** Wednesday, February 14, 2018 8:46 AM  
**To:** Erik Martin <Erik.Martin@lewiscountywa.gov>  
**Cc:** Ron Averill <colronjanaverill@comcast.net>  
**Subject:** RE: FA Projects

Erik – As we talked, maybe \$10K would work for you to do scoping/feasibility assessment for April, May and June 2018. We are using up 15-17 funds. The scoping/feasibility assessment would inform your full request for 19-21 funds and would be due July 2018. Just a thought. Let me know.  
Scott

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**From:** Scott Boettcher  
**Sent:** Wednesday, February 14, 2018 4:25 AM  
**To:** 'Erik Martin' <[Erik.Martin@lewiscountywa.gov](mailto:Erik.Martin@lewiscountywa.gov)>  
**Cc:** [colronjanaverill@comcast.net](mailto:colronjanaverill@comcast.net)  
**Subject:** RE: FA Projects  
**Importance:** High

Hi Erik. Sorry for being vacant. Projects Committee met yesterday afternoon to discuss this (along with several other projects). Do you have a moment for a quick call this a.m.? I'd like to discuss with you a funding option the Projects Committee discussed. The earlier the better. Thanks!

Scott

Scott Boettcher, Staff

Chehalis River Basin Flood Authority  
360/480-6600  
[scottb@sbgh-partners.com](mailto:scottb@sbgh-partners.com)

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**From:** Erik Martin [<mailto:Erik.Martin@lewiscountywa.gov>]  
**Sent:** Friday, January 19, 2018 5:08 PM  
**To:** Scott Boettcher <[scottb@sbgh-partners.com](mailto:scottb@sbgh-partners.com)>  
**Subject:** FA Projects

Scott,

Just curious how the project committee (I think that's what you called it) meeting went and how our proposal for updating the CFHMP was received. I don't know if the passing of the Cap Budget changes anything but would love to catch up with you next week and see if there is anything else you need from us.

Thank you.

***Erik Martin, PE  
Administrator  
Chehalis River Basin  
Flood Control Zone District  
360-740-2697  
360-556-9093***



February 15, 2018

**TO:** Flood Authority Members  
**FROM:** Scott Boettcher, Staff  
**SUBJECT:** Projects Committee Recommendation on Use of Unspent Funds

The purpose of this memo is to provide Flood Authority members with a recommendation on using unspent funds. We will discuss this today. Please call or email if you have questions (i.e., 360/480-6600, [scottb@sbgh-partners.com](mailto:scottb@sbgh-partners.com)).

**Background**

Projects Committee has identified \$641K in currently available unspent local projects funds (see Table 1).

<b>Table 1</b>		
<b>Local Projects Unspent Funds</b>		
<b>(Currently Available = \$641,203)</b>		
Elma -- WWTP Outfall Stabilization	<a href="#">15-1516</a>	\$50,000
Montesano -- West McBryde Culvert Replacement	<a href="#">16-2750</a>	\$6,710
Montesano -- WWTP Protection Study	<a href="#">15-1529</a>	\$12,284
Thurston CD -- Innovative Farm Pads	<a href="#">16-2805</a>	\$247,725
Lewis County -- Airport Road Structure Demolition	<a href="#">17-1164</a>	\$ 331
Montesano -- WWTP Protection Study	<a href="#">15-1529</a>	\$7,041
WSSC -- HWS Pilot	<a href="#">16-2787</a>	\$45,914
RCO Tracking (Mark Jarasitis, 1-18-2018)		\$271,198
Centralia -- China Creek	<a href="#">15-1524</a>	tbd
GHC -- Wishkah Flood Levee	<a href="#">16-1187</a>	tbd
	<b>Total --&gt;</b>	<b>\$641,203</b>

**Recommendation**

Projects Committee recommends Flood Authority endorse spending available unspent funds as presented in Table 2.

<b>Table 2</b>	
<b>Recommendation for Use of Current Unspent Funds</b>	
<b>(Criteria = Spend by 7/01/2018; Substantially continue/complete effort already started)</b>	
Aberdeen -- North Shore Levee	\$617,643
Lewis County CD -- Boistfort Valley Water	\$5,000
Resurvey/Reset Gage Datums for Three Flood Authority Gages	\$8,560
Lewis County FCZD Comp Plan (seed money for scoping/feasibility assessment)	\$10,000
	<b>Total →</b>
	<b>\$641,203</b>



## 2017-19 Local Projects Recruitment Form

### Chehalis Basin Flood Relief

**A. What are local flood relief projects?** -- In general, local projects are those projects that provide predominantly localized and quantifiable 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 a public entity like a City, County, Conservation District, Agency, etc. Furthermore, local projects are envisioned as helping with flooding, not adverse to fish or habitat and (where possible) providers of multiple, quantifiable benefits.

**B. What kinds of local flood relief projects are likely to be logical funding candidates for 2017-19?**

- Projects that complete an effort previously funded/started.
- Projects that advance improved emergency response.
- Projects that advance improved public infrastructure protection.
- Projects that advance improvements in local or community flood hazard reduction, including local flood proofing projects (e.g., elevations, buy-outs, foundation venting/opening, etc.).
- Projects that advance Conservation District initiated flood hazard reduction (e.g., farm pads, evacuation routes, bank erosion/bank stabilization, etc.)
- Projects that demonstrate innovation (e.g., thinking beyond traditional bank stabilization techniques in favor of natural system designs), partnerships, cost-sharing/leveraging resources, multiple benefits, and proactive vetting with agencies and tribes.
- Projects typically not in excess of \$3M for the stage/phase being funded.

**C. Are there projects that would not be good candidates?**

- Projects that seek to utilize State Capitol Budget dollars for uses not typically allowed (e.g., maintenance and repair work, cost-sharing under select circumstances, etc.).
- Projects likely to increase potential for flood damage upstream or downstream.
- Projects with unmitigable adverse environmental impacts or significant uncertainty regarding potential environmental impacts.
- Projects not sponsored by a public entity.

#### Instructions:

- Please submit local flood relief project requests (via this form) to Scott Boettcher ([scottb@sbgh-partners.com](mailto:scottb@sbgh-partners.com)) no later than 5:00 p.m., Friday, August 12, 2016.
- Please submit one request form for each project proposed, even those past projects previously or partially funded.
- Note: Parts III and IV below [marked by "(\*\*)"] will be scored as part of the Flood Authority Projects Committee's review and evaluation. Part I and II will not be scored.



<b>Part I General</b>	
1. <b>Date:</b>	January 5, 2018
2. <b>Project Name:</b>	Chehalis River Basin Flood Control Zone District Comprehensive Flood Hazard Management Plan Update
3. <b>Project Location</b> -- Please identify the location of the project as precisely as possible, including providing decimal degree latitude/longitude coordinates.	Chehalis River Basin, Lewis County, WA
4. <b>Project Contact</b> -- Please identify who will be responsible for overseeing and managing the project (i.e., name, email, telephone number, etc.).	Erik Martin, PE Chehalis River Basin Flood Control Zone District Administrator
5. <b>Lead Organization</b> -- 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.	Chehalis River Basin Flood Control Zone District

<b>Part II Description, Timing and Cost</b>	
6. <b>Project Description</b> -- Please describe the project, what is intended to be accomplished, the benefits to be accrued, and to whom.	Currently there are multiple planning documents guiding the activities of the Chehalis River Basin FCZD, all requiring updates. RCW 86.15.110 requires a comprehensive planning update to be completed prior to any project implementation and budget approval. This planning project will collate all the current plans into a single comprehensive, cohesive, and implementable plan. The primary planning goal will be to focus on maturing the Capital Improvement elements of the three current planning documents.
7. <b>Project Timeline</b> -- Please describe the overall timeline for completion of the project as well any interim stages or phases.	It is anticipated that this planning project will have a 12 month project duration.
8. <b>Project Cost and Funding</b> -- What is the cost of this project? What are the on-going maintenance and operation requirements and costs? Is it clear who will be responsible for covering on-going	The current need for this project is \$100,000.



maintenance and operation costs?	
9. <b>Other Funding</b> -- Please explain the extent to which other funding sources or funding partners are available.	Currently, there are no other sources of funding available to fund this planning project. However, it is estimated that the internal project management costs of Chehalis River Basin FCZD will be provided by the FCZD Staff.

<b>Part III (**)</b> <b>Completion and Doability by June 30, 2019</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.	Yes, this funding will complete the project. This project benefits from having three flood hazard management plans that have been completed by the many partners in the Chehalis Basin. Collating the current plans into a cohesive and comprehensive Capital Improvement Program provides the Chehalis River Basin FCZD with the necessary and required planning needed to implement flood risk reduction projects as prescribed under RCW 86.15.110.
11. <b>Project Doable</b> -- Can this project or the stage/phase for which funding is sought be completed by June 30, 2019? Please describe any circumstances with potential to impact the project's doability or timeline (e.g., permitting or regulatory unknowns, lack of availability of other cost-share funding resources, etc.). Please describe any advance coordination or vetting with agencies, tribes, other entities, etc. and the outcomes of that effort.	Currently, the Chehalis River Basin FCZD staff and the Board of Supervisors have created a FCZD Flood Advisory Committee. It is anticipated that this group will serve as the primary Stakeholder Group for the life of the project. Additional stakeholders will be identified and added for this specific planning effort. Once funded, this allows for a seamless transition into the planning project. The project duration is estimated to be 12 months and completed by December 31, 2018.
12. <b>Project Impacts</b> -- Please identify how any project impacts will be mitigated, funded and if that mitigation will be accomplished by June 30, 2019?	This planning project is subject to SEPA and any impacts from the planning effort will be identified as an element of the project.

<b>Part IV (**)</b> <b>Benefits Stated and Quantified</b>	
13. <b>Emergency Response Benefits</b> -- Please describe (and quantify) how this project enhances emergency response in a flood emergency (e.g., does it keep critical access roads and transportation facilities open and functional, does it enable easy	This planning project is intended to more fully mature previously identified mitigation projects. Initial review of the current plans have identified the need for further evaluation of identified mitigation projects to ensure that they meet these goals and objectives.



<p>movement of cattle, equipment and farm chemicals out of harm's way, etc.).</p>	
<p>14. <b>Essential Infrastructure Protection Benefits --</b> Please describe (and quantify) how this project protects essential infrastructure and the risks or consequences of not acting this funding cycle.</p>	<p>Since completion of the three previous planning efforts, the Chehalis River Basin FCZD and Lewis County have identified additional project opportunities that are currently not identified in any of the current comprehensive plans. This planning project intends to include an improved prioritization element in an effort to move projects from planning level to "shovel ready" in a programmed manner. The consequences of not acting at the local level ensures no change to the current risk as identified in the Lewis County All-Hazards Mitigation Plan as well as the modeling results provided in the previous three planning efforts.</p>
<p>15. <b>Public Health, Safety and Welfare Benefits --</b> Please describe (and quantify) how this project protects public health, safety and welfare.</p>	<p>In the Chehalis Basin, in particular those areas currently served under the boundaries of the FCZD, each and every project identified will provide for public health, safety and welfare benefits. Additionally, this comprehensive planning update will serve to protect the fragile economic impacts of flooding to ensure a rapid recovery. The consequences of not completing the project ensures no change to the current risk as identified in the Lewis County All-Hazards Mitigation Plan as well as the modeling results provided in the previous three planning efforts.</p>
<p>16. <b>Residential, Commercial and/or Agricultural Protection Benefits --</b> Please describe (and quantify) 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>Since the completion of previous planning efforts, no significant projects have been completed as identified by the Chehalis River Basin FCZD. While efforts at the regional level include strategies and easily implementable projects that have been completed, much work remains to move currently identified opportunities as well as additionally identified opportunities forward.</p>
<p>17. <b>Other Project Impacts --</b> Please explain how this project impacts or is potentially impacted by another project.</p>	<p>The most powerful impact of this project is the ability of the staff of the Chehalis River Basin FCZD to have a working plan that includes a comprehensive Capital Improvement element that can be implemented on an annual cycle. That currently does not exist in any current planning form that is consistent with RCW</p>



<p>18. <b>Anything Else</b> -- Please feel free to offer any additional information (e.g., photos, maps, video, drawings, etc.) that would help to better understand the scope, timing and benefits of this project.</p>	<p>86.15.110.</p> <p>The Chehalis River Basin FCZD has a been in contact with qualified consultants that have resources available (should they be selected) to commence with the planning activity, once funded. Due to this the schedule could be accelerated as some scoping has already been contemplated. The Chehalis River Basin FCZD is ready to move this project forward immediately when funding becomes available.</p> <p>As a footnote the three documents that have been identified to be used to support this effort are as follows:</p> <ol style="list-style-type: none"> <li>1. 2010 Lewis County CFHMP</li> <li>2. 2011 Chehalis Basin CFHMP, and the</li> <li>3. 2014 Scenario of Small Flood Damage Reduction Projects</li> </ol>
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**Appendix A**

<p align="center"><b>Process/Schedule</b> (current as of 7-22-2017)</p>	
<p>July 21, 2016 (FA In-Person Mtg.)</p>	<ul style="list-style-type: none"> <li>• Post and distribute <b>local projects recruitment</b> request on 7/22/2016 following Flood Authority review/discussion at their 7/21/2016 meeting.</li> <li>• Allow three weeks for project proposals/submittals (i.e., due no later than 5:00 p.m., Friday, August 12, 2016).</li> </ul>
<p>August 18, 2016 (FA Conf. Call Mtg.)</p>	<ul style="list-style-type: none"> <li>• Receive proposals/submittals.</li> <li>• <b>Update Flood Authority</b> at their 8/18/2016 meeting on number received, type of projects received, distribution, etc.</li> </ul>
<p>September 15, 2016 (FA In-Person Mtg.)</p>	<ul style="list-style-type: none"> <li>• <b>Update Flood Authority</b> at their 9/15/2016 meeting on status of Projects Committee's effort to review, rank, discuss with Tribes, discuss with agencies, preliminarily sort and rank, etc.</li> </ul>
<p>October 20, 2016 (FA In-Person Mtg.)</p>	<ul style="list-style-type: none"> <li>• Review/discuss <b>DRAFT ranked and prioritized list</b> with Flood Authority at their 10/20/2016 meeting.</li> </ul>
<p>November 17, 2016 (FA Conf. Call Mtg.)</p>	<ul style="list-style-type: none"> <li>• Seek Flood Authority approval of <b>FINAL ranked and prioritized list</b> at their 11/17/2016 Flood Authority meeting.</li> </ul>