



October 19, 2015

TO: Flood Authority Members

FROM: Jim Kramer, Facilitator
Scott Boettcher, Staff

SUBJECT: Update on Recent Activities

Purpose of this memo is to update Flood Authority members on recent activities in support of the Flood Authority and its efforts since September 2015 Flood Authority meeting. Please feel free to call or email if you have questions (Jim Kramer, 206/841-2145, jkramer.consulting@gmail.com; Scott Boettcher, 360/480-6600, scottb@sbgh-partners.com).

I. Chehalis Basin Strategy

- **October 7, 2015 Policy Workshop** – Policy workshop was held 10/07/2015. Purpose of the workshop was to present major findings of work completed in 2013-2015, including:
 - Use of the Chehalis Basin by aquatic species and potential strategies for habitat restoration.
 - Potential effects of actions to reduce flood damage, including the latest information on the potential feasibility of a water retention facility.

The workshop also provided an opportunity to obtain input on key questions for determining the focus and scope of the Programmatic EIS. See "Chehalis Basin Strategy Policy Workshop_10_7_2015_Meeting Notes_Final" [here](#) and "ChehalisBasinStrategy_ScopingQuestions_2015_1009" [here](#).

- **Restorative Flood Protection Alternative** -- Dave Bingaman of the Quinault Indian Nation (QIN) has offered a restorative flood protection alternative that the QIN would like to have evaluated in the Programmatic EIS. Restorative flood protection would use natural features such as vegetation, wood debris, and floodplains to store and slow the flow of water, thereby reducing downstream flood stage. See QIN's "New Alternative Proposal PEIS" [here](#).
- **Chehalis Basin Strategy Website** – A new website has been established and set-up for the Chehalis Basin Strategy and the Programmatic EIS process. See <http://chehalisbasinstrategy.com/>

II. Flood Warning System – Email Gage Alerts

- **Audiences/organizations contacted** -- Table 1 provides a listing of discrete audiences notified over the period 10/06-19/2015 that:



- Chehalis River Basin Flood Warning System (www.chehalisriverflood) has the capability to send email alerts to anyone interested in receiving notification about significant rising river levels at select river gages locations in the Basin.
- Time to sign-up for alerts is now in order to be prepared for 2015-16 flood season.
- **Email mail sign-ups have substantially increased** -- As of 10/19/2015, sign-up numbers have increased by 53% from 384 alerts across the Basin in 2014/15 to 588 alerts in 2015/16 (and counting!). Gage popularity is as follows:

Gage Name	2015/16	%
#4 Chehalis River At Centralia	83	14%
#3 Newaukum River Near Chehalis	76	13%
#5 Skookumchuck River At Centralia	74	13%
#2 Chehalis River Near Doty	64	11%
#1 Chehalis River Near Pe Ell	56	10%
#7 Chehalis River Near Grand Mound	56	10%
#6 Skookumchuck River Near Bucoda	51	9%
#8 Chehalis River At Porter	45	8%
#9 Satsop River Near Satsop	42	7%
#10 Wynoochee River Near Montesano	41	7%
Number of alerts signed up for →	588	

- **Interesting testimonial received regarding interest/utility in gage alerts** -- "I work for the City of Centralia and if the Newaukum is flooding, I need to go around. If the Chehalis and Skookumchuck are flooding in Centralia – I may not be able to get home!"
- **Article from Chronicle on signing-up for gage alerts** -- Following article ran in the Chronicle on 10/13/2015 -- http://www.chronline.com/crime/flood-authority-encourages-residents-to-sign-up-for-flood-warning/article_20913bba-71cd-11e5-a03a-2fo49c36b1a3.html.

III. Local Projects – Project Administrative Readiness Tracking

- **Project administrative readiness** -- Table 2 provides a tracking of local project administrative readiness for 2015-17 projects.
- **Discrete steps**-- For each project the following need to occur to properly set-up and administer the funding and implementation effort for the 2015-17 biennium:
 - (I) Interagency funding agreement with RCO needs to be finalized
 - (II) PRISM account needs to be established and fully activated.
 - (III) EZview project website needs to be created.



- (IV) Project sign needs to be prepared and approved by local sponsor.
- (V) Project needs to be mapped to master local projects map.
- **Substantially complete** --- As of 10/19/2015, administrative readiness is substantially complete with all steps being approximately 2/3 to 3/4 complete.

IV. Next Meeting

- Next Flood Authority meeting will be held 11/19/2015 with location and details to follow.



Table 1
Following Were Notified of Opportunity to Sign-Up for Email Gage Alerts

1.	Chehalis River Basin Flood Authority Distribution List (Pat Anderson).	10/06/2015
2.	Flood Authority Members.	10/06/2015
3.	County Emergency Management Organizations: a. Grays Harbor -- http://www.co.grays-harbor.wa.us/info/DEM/Index.asp b. Lewis -- http://lewiscountywa.gov/about-emergency-management c. Thurston -- http://www.co.thurston.wa.us/em/	10/12/2015
4.	Newspapers (broad readership in Basin): a. Daily World -- http://thedailyworld.com/ b. Chronicle -- http://www.chronline.com/ c. Vidette -- http://thevidette.com/ d. Olympian -- http://www.theolympian.com/ e. DeVaul Publishing -- http://www.devaulpublishing.com/ i. Business to Business -- http://www.devaulpublishing.com/ ii. Tenino Independent -- http://devaulpublishing.com/Tenino%20Rochester/index.html	10/12/2015
5.	Radio (broad listenership in Basin): a. Jodesha Broadcasting -- http://www.jodesha.com/Home_Page.html i. Aberdeen -- KBKW -- http://kbnw.com/ b. Aberdeen -- KXRO -- http://www.kxro.com/ c. Centralia -- KITI -- http://www.live95.com/ d. Centralia -- KELA -- http://www.kelaam.com/ e. Chehalis -- KACS -- http://www.kacs.org/ f. Olympia – KGY -- http://www.kgyfm.com/ g. Olympia – KXXO -- http://www.mixx96.com/	10/12/2015
6.	Chehalis Basin Strategy (Programmatic EIS) Distribution List (Ken Ghalambor).	10/13/2015
7.	Old List of Gage Alert Recipients (Dave Curtis).	10/15/2015
8.	Lewis County BOCC	10/16/2015
9.	KELA (Radio Interview)	10/19/2015



Table 2
Tracking Sheet -- Local Project Administrative Readiness (2015-17)

Sponsor -- Project Name	(I) RCO Funding Agreement FINAL	(II) PRISM Account Activated	(III) EZview Project Website Created	(IV) Project Sign Approved	(V) Project Mapped to ArcGIS Online
Aberdeen -- Northside Levee Project	#15-1527	Rick Sangder	Website	<i>Pending</i>	Map
Bucoda -- Main Street Regrade Project	#15-1525	Alan Carr	Website	Sign	Map
Centralia -- China Creek Project (Phase I)	#15-1524	Kahle Jennings	Website	Sign	Map
Chehalis -- Chehalis-Centralia Airport Pump Project	#15-1523	David Fleckenstein	Website	Sign	Map
Cosmopolis -- Mill Creek Dam Improvement Project	#15-1510	Darrin Raines	Website	Sign	Map
Elma -- WWTP Outfall Stabilization Project	#15-1516	Jim Starks	Website	Sign	Map
Montesano -- WWTP Wynoochee River Bank Protection Project (Design Study)	#15-1529	Mike Wincewicz	Website	Sign	Map
Napavine -- Kirkland Road Flooding Project (Design Study)	#15-1530	Steve Ashley	Website	Sign	Map
???????? -- Boistfort Valley Water Pre-Sedimentation Pond Project	#15-1526	<i>Pending</i>	<i>Pending</i>	<i>Pending</i>	Map
Grays Harbor County -- Wishkah Road Flood Levee Project	<i>Pending</i>	<i>Pending</i>	Website	<i>Pending</i>	Map

Notes:

(1) Legend →

<i>Done</i>	<i>In-Process</i>	<i>Pending</i>
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(2) In addition to the individual project websites established above for individual local projects, the following flood relief websites were additionally established for jurisdictions with two or more projects:

- www.ezview.wa.gov/aberdeenfloodrelief
- www.ezview.wa.gov/lewiscountyfloodrelief
- www.ezview.wa.gov/bucodafloodrelief
- www.ezview.wa.gov/montesanofloodrelief
- www.ezview.wa.gov/graysharborfloodrelief