



Part I – What Are Local Projects?

December 7, 2017
2:15-3:00 p.m.

Chehalis River Basin Flood Authority - Local Flood Damage Reduction Project List Development and Criteria
Briefing from Scott Boettcher (Staff, Flood Authority) on the Flood Authority's process to identify and select local flood damage reduction projects each biennium.

Scott Boettcher, *Staff*
Chehalis River Basin Flood Authority
360/480-6600
scottb@sbgh-partners.com



1. ~2-3 years to design, permit, construct.
2. Protect people, property, infrastructure.
3. Improve readiness, response, resiliency.
4. Examples:
 - ✓ Drinking Water (Boistfort, Bucoda).
 - ✓ Wastewater (Montesano, Pe Ell).
 - ✓ Emergency Response (Grays Harbor County, Chehalis-Centralia Airport).
 - ✓ Regional Economic Infrastructure (Montesano).
 - ✓ Community Protection (Adna, Bucoda, Centralia, Chehalis, Chehalis Tribe, Oakville).
 - ✓ Flood Warning Infrastructure (Basin-wide).
5. Typical cost = \$250K to \$2-3M.



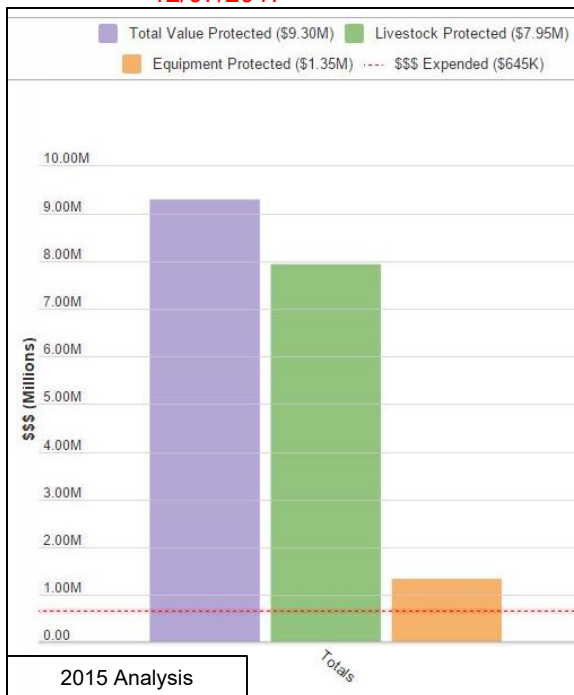
- Construction, Complete
- Construction, Incomplete
- Plan/Study/Tool, Complete
- Plan/Study/Tool, Incomplete

www.ezview.wa.gov/chehalisbasinlocalfloodreliefprojects

Local Projects (2012-17)

www.ezview.wa.gov/chehalisfloodauthority





1. Save lives, livelihoods.
2. Protects people, animals, equipment.
3. 25 locations throughout Basin.
4. <2 years to design, permit, construct.
5. 14:1 return-on-investment.
6. Benefit whole basin.
7. Reusable.
8. Testimonials → <http://arcg.is/2b632Ai>.

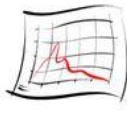
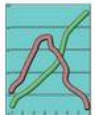
★ → Complete
★ → Underway

Farm Pads, Evacuation Routes (2012-17)

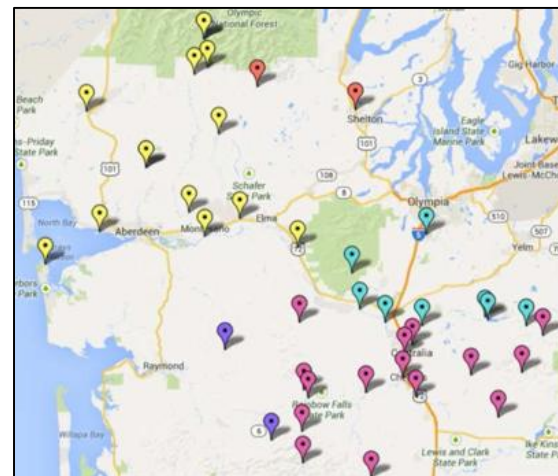
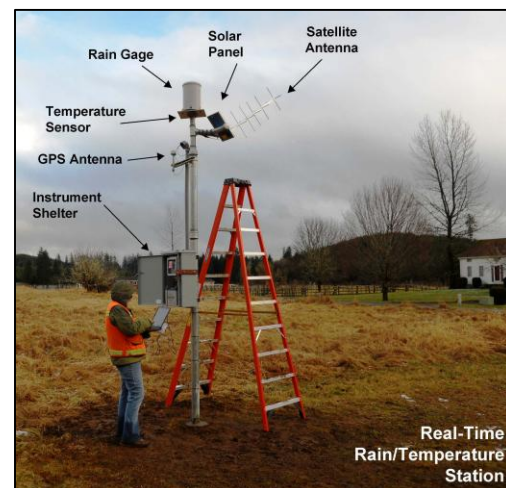
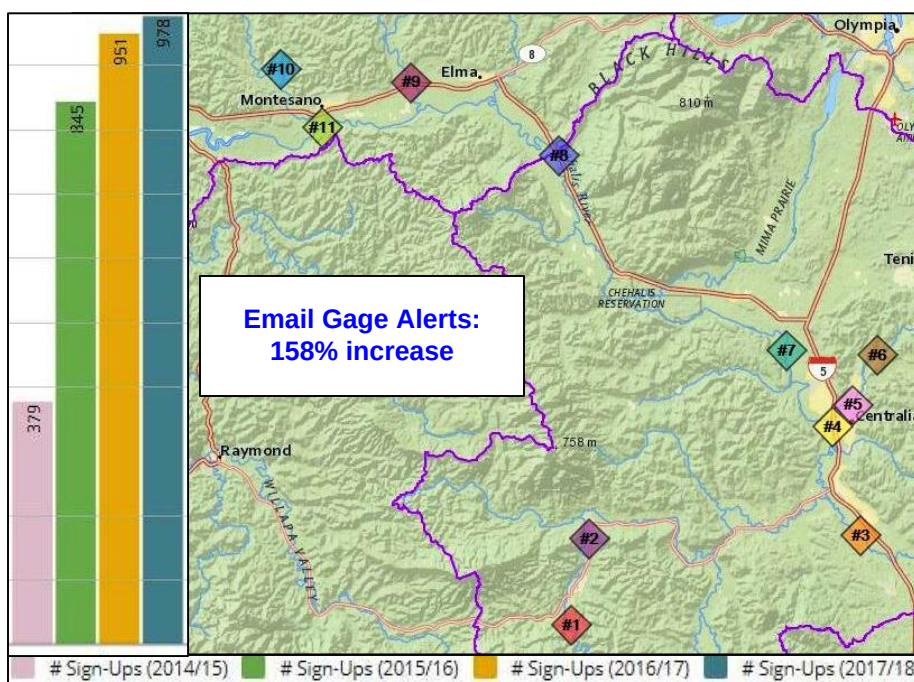
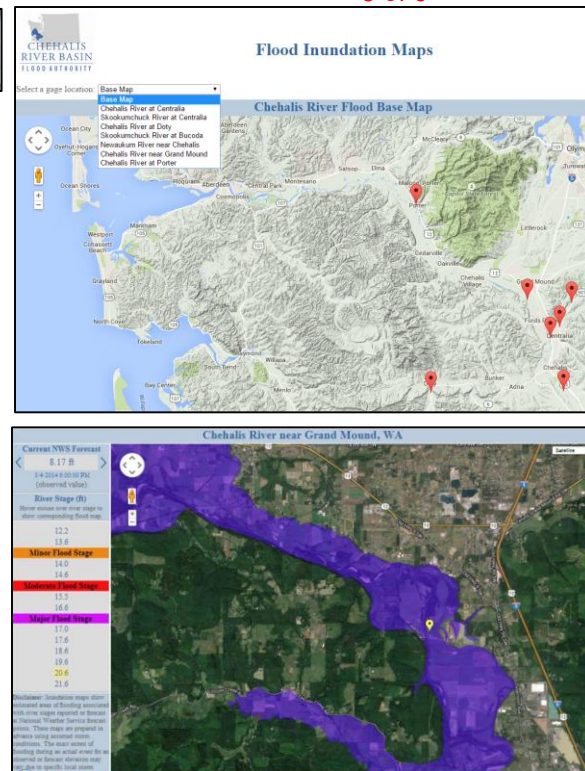
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Chehalis River Basin Flood Authority

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  Flood Maps
  Gage Data Graphs

 Gage Data Maps
  Flood Authority News
  Road Conditions
  USGS Gages
  Help



Chehalis Basin Flood Warning & Alert System

www.chehalisriverflood.com



NOTE: "Complete" means (1) functionally complete or functionally & administratively complete, and (2) provides current flood hazard reduction benefit.

ID	Project	2015				2016				2017				2018				2019
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1
1	Aberdeen -- Southside Levee				\$ 37,463													
2	Bucoda -- Flood Openings (CleanSpace)	\$ 96,557																
3	Bucoda -- Flood Openings (McCann)	\$ 255																
4	Chehalis-Centralia Airport Pump				\$ 1,146,000													
5	Cosmopolis -- Mill Creek				\$ 3,632,000													
6	Elma -- WWTP Outfall Stabilization								\$ 367,900									
7	GHC -- Wishkah Road Flood Levee					\$ 5,700,000												
8	Hoquiam -- Raymer Street Pump Station								\$ 1,300,000									
9	Lewis County -- Airport Road Structure Demolition															\$ 129,000		
10	Lewis County (Flood Authority) -- Replace NWS Gages															\$ 61,595		
11	Lewis County (Flood Authority) -- Replace Transmitters (Ver 2.0)															\$ 22,245		
12	Lewis County CD -- Boistfort Valley Water					\$ 307,350												
13	Montesano -- West McBryde Culvert Replacement								\$ 107,045									
14	Thurston County -- Home Elevations Pilot									\$ 300,000								
15	WCC -- Farm Pads & Evacuation Routes				\$ 378,690													
16	Centralia -- China Creek				\$ 203,000													
17	Lewis County (Flood Authority) -- USGS Gage Datums													\$ 17,100				
18	Thurston CD -- Innovative Farm Pads									\$ 15,000								
19	Aberdeen -- North Shore Levee					\$ 988,000												
20	Bucoda -- Main Street Regrade (BNSF ROW Evacuation Route)				\$ 118,117													
21	Chehalis -- Dillenbaugh Creek Study							\$ 109,000										
22	Chehalis -- Flood Hazard Reduction Master Plan and Storage															\$ 25,000		
23	Chehalis -- WWTP Demo									\$ 12,479								
24	GHC -- Wishkah Road Flood Study					\$ 360,147												
25	Lewis County (Flood Authority) -- Gages Inventory									\$ 97,810								
26	Montesano -- WWTP Protection Study				\$ 193,252													
27	Napavine -- Kirkland Road Study				\$ 40,000													
28	Oakville -- Flood Relief Study							\$ 55,000										
29	WCSSF -- Habitat Work Schedule Pilot Project									\$ 85,000								
30	WDFW -- Lower Satsop Design				\$ 134,949													
31	WDFW -- Lower Satsop Relic Channel				\$ 10													
32	Aberdeen -- Fry Creek Restoration							\$ 420,000										
33	Grays Harbor CD -- LiDAR Coordination															\$ -		