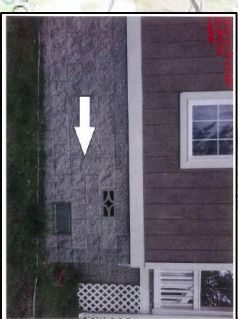




Grayland

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

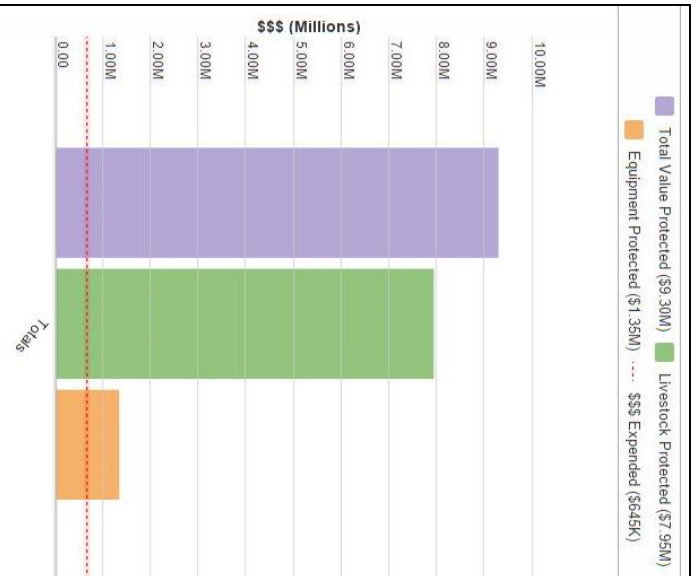


[www.ezview.wa.gov/chehalisbasinlocalfloodreliefprojects](http://www.ezview.wa.gov/chehalisbasinlocalfloodreliefprojects)

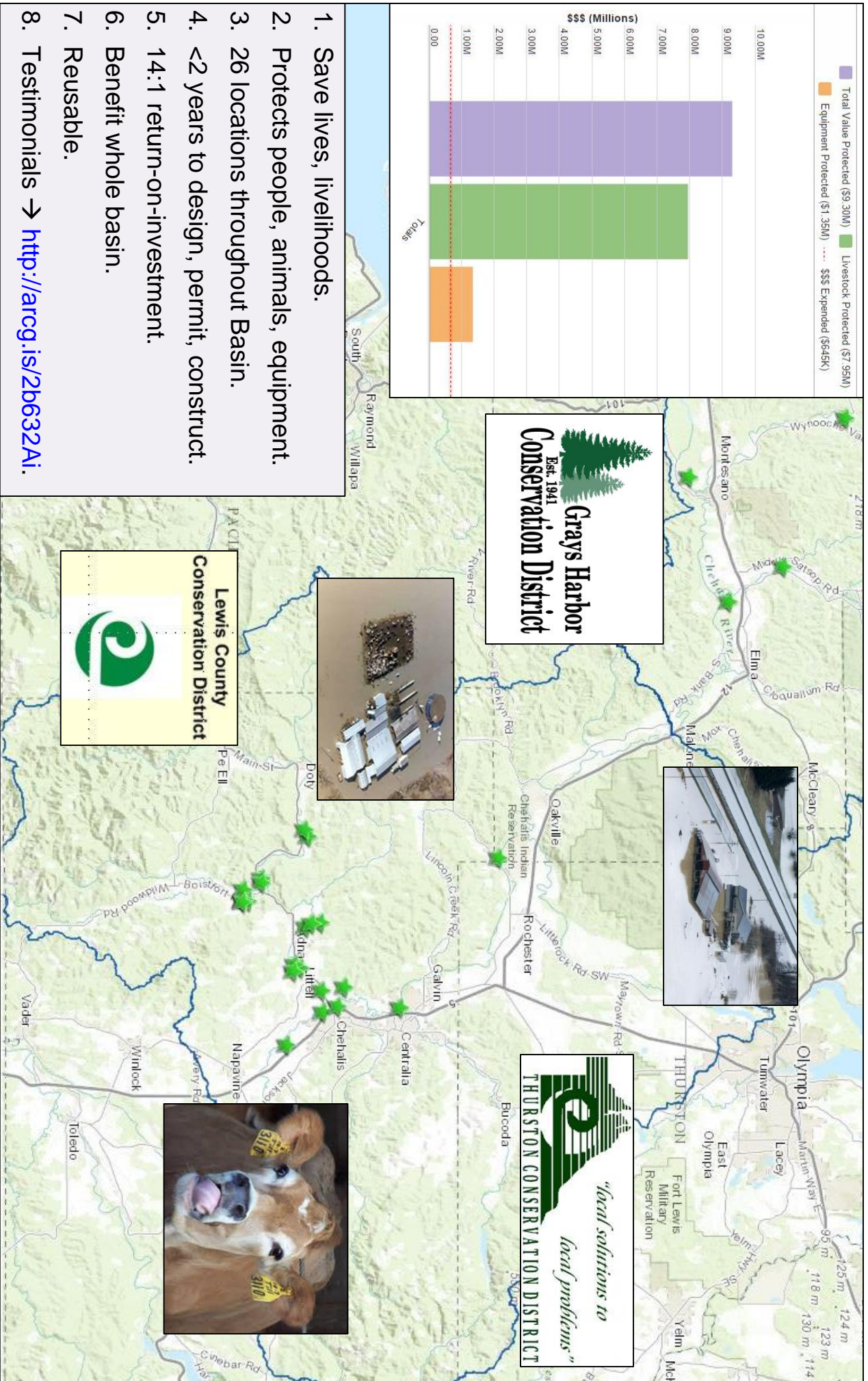
# Completed Local Projects (2012-17)

[www.ezview.wa.gov/chehalisfloodauthority](http://www.ezview.wa.gov/chehalisfloodauthority)





1. Save lives, livelihoods.
2. Protects people, animals, equipment.
3. 26 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>.



# Completed Farm Pads, Evacuation Routes (2012-17)

[www.ezview.wa.gov/chehalisfloodauthority](http://www.ezview.wa.gov/chehalisfloodauthority)



Washington State Conservation Commission



I. ACTIVE PROJECTS			
Project	Obligated	Spent	
1 <a href="#">Aberdeen -- Fry Creek Restoration</a>	\$ 500,000	\$ -	0%
2 <a href="#">Aberdeen -- North Shore Levee</a>	\$ 988,000	\$ 377,598	38%
3 <a href="#">Aberdeen -- Southside Levee</a>	\$ 37,463	\$ 14,277	38%
4 <a href="#">Bucoda -- Flood Openings (CleanSpace)</a>	\$ 96,557	\$ 96,557	100%
5 <a href="#">Bucoda -- Flood Openings (McCann)</a>	\$ 255	\$ 255	100%
6 <a href="#">Bucoda -- Main Street Regrade</a>	\$ 122,818	\$ 108,895	89%
7 <a href="#">Centralia -- China Creek</a>	\$ 1,100,000	\$ 68,911	6%
8 <a href="#">Chehalis -- Dillenbaugh Creek Study</a>	\$ 110,000	\$ -	0%
9 <a href="#">Chehalis-Centralia Airport Pump</a>	\$ 1,146,000	\$ 233,306	20%
10 <a href="#">Chehalis -- WWTP Demo</a>	\$ 12,500	\$ -	0%
11 <a href="#">Cosmopolis -- Mill Creek</a>	\$ 3,432,000	\$ 801,441	23%
12 <a href="#">Elma -- WWTP Outfall Stabilization</a>	\$ 367,900	\$ 46,067	13%
13 <a href="#">GHC -- Wishkah Road Flood Levee</a>	\$ 5,900,000	\$ 444,584	8%
14 <a href="#">GHC -- Wishkah Road Flood Study</a>	\$ 500,000	\$ 186,998	37%
15 <a href="#">Hoquiam -- Raymer Street Pump Station</a>	\$ 1,300,000	\$ 83,373	6%
16 Lewis County -- Gages Inventory	\$ 97,810	\$ -	0%
17 <a href="#">Lewis County CD -- Boistfort Valley Water</a>	\$ 332,350	\$ 36,036	11%
18 <a href="#">Montesano -- West McBryde Culvert Replacement</a>	\$ 135,000	\$ -	0%
19 <a href="#">Montesano -- WWTP Protection Study</a>	\$ 63,252	\$ 21,542	34%
20 <a href="#">Napavine -- Kirkland Road Study</a>	\$ 40,000	\$ 18,489	46%
21 <a href="#">Oakville -- Flood Relief Study</a>	\$ 55,000	\$ 37,580	68%
22 Thurston County -- Home Elevations Pilot	\$ 300,000	\$ -	0%
23 <a href="#">Thurston County CD -- Innovative Farm Pads</a>	\$ 465,000	\$ -	0%
24 <a href="#">WCSSF -- Habitat Work Schedule Pilot Project</a>	\$ 85,000	\$ 45,000	53%
25 <a href="#">WCC -- Farm Pads &amp; Evacuation Routes</a>	\$ 500,000	\$ -	0%
26 <a href="#">WDFW -- Lower Satsop Design</a>	\$ 134,949	\$ 134,949	100%
27 <a href="#">WDFW -- Lower Satsop Relic Channel</a>	\$ 100,000	\$ -	0%
<b>Total --&gt;</b>	<b>\$ 17,921,853</b>	<b>\$ 2,755,857</b>	<b>15%</b>
<b>Unobligated --&gt;</b>	<b>\$ 155,354</b>		

II. NEW PROJECTS UTILIZING UNOBLIGATED LOCAL PROJECTS FUNDS (\$155,354)	
Project	Cost
28 GHCD -- LiDAR Coordination/Clearinghouse	\$ 4,800.00
29 Lewis County -- Centralia Meat Packing Demolition	\$ 98,811.36
30 CRBFA -- Two New Gages	\$ 61,595.00
	<b>\$ (9,852.61) From 15-1596</b>

III. KEY FLOOD AUTHORITY WEBSITES	
a Local Projects Information Center -- >	<a href="#">here</a>
b Interactive Map -->	<a href="#">here</a>
c Local Projects Expenditures -->	<a href="#">here</a>
d Past/Present Local Projects -->	<a href="#">here</a>



## Local Contribution Catastrophic Flood Relief (Chehalis Basin)

<b>Local Payment -- 2007 Flood Event (Lewis County)</b> <ul style="list-style-type: none"> <li>• Local Government</li> <li>• Citizens</li> <li>• Individuals</li> </ul>	\$137 Million (since 2007)
<b>Local Contribution -- Preparing for Future Events</b> <ul style="list-style-type: none"> <li>• Local Flood Authority Jurisdictions</li> </ul>	\$37.8 Million (since 2007) \$4.2 Million (annually)
<b>Local/State Shared Contributions – Flood Hazard Reduction</b> <ul style="list-style-type: none"> <li>• Annual Local Investment = \$4.2 Million (since 2012)</li> <li>• Annual State Investment = \$14.3 Million (since 2012)</li> </ul>	23% (local) 77% (state)

- ✓ **Locals are investing regularly** in their communities to make safer and more flood-ready.
- ✓ **Local investments are sizable** (three local dollars for every ten state dollars).
- ✓ **Local investments are smart** (informed by science, best practices, transparent government).