

Project	Project Type	Location	
Salzer Creek backwater control	Floodplain Protection	On Salzer Creek in Lewis County	Local / Twin Cities Project
Increased stormwater on-site detention and retention	Floodplain Protection	Basin-wide	Local *
Overtopping levee on the north end of town	Floodplain Protection	Bucoda	Local / Twin Cities Project
Twin culverts under Main Street at 11 <sup>th</sup>	Floodplain Protection	Bucoda	Local
Relief culvert for north side runoff	Floodplain Protection	Oakville	?
Harris Creek fish enhancement	Floodplain Protection	Oakville	In progress (Remove from list)
Sickman-Ford Bridge culvert	Floodplain Protection	Oakville	Remove
Open old migration channels to allow river braiding	Floodplain Protection	Wynoochee and Satsop Rivers	Local with regional support
Culvert projects on Hiram Hill	Floodplain Protection	Grays Harbor County	? (Local)
Montesano WWTP protection	Floodplain Protection	Montesano	Local
Adna levee improvement	Floodplain Protection	Adna	Local with regional support
Wastewater outfall protection	Floodplain Protection	Basin-wide	? (Local)
Wellhead and water treatment protection	Floodplain Protection	Montesano	Local *
Tilley Road culvert replacement	Floodplain Protection	Thurston County	Local
Bank stabilization / Biostabilization	Bank Protection	Basin-wide	Local or basin-wide *
Debris removal after a flood		Basin-wide	Local or basin-wide *
Biostabilization (bank stabilization with riparian vegetation)	Bank Protection	Basin-wide	Remove
Wynoochee River bank stabilization	Bank Protection	Montesano	Remove
Streambank stabilization	Bank Protection	Bucoda	Remove
Mary's River Lumber bank protection	Bank Protection	Montesano	Remove
Independence Road bank protection	Bank Protection	Thurston County	Remove (completed)
Open migration zone of the Satsop	Conveyance Capacity	Satsop River	Remove
Dredge Lake Sylvia	Conveyance Capacity	Montesano	Local
Open relic channel at Marys River oxbow	Conveyance Capacity	Grays Harbor County	Local
Floodplain conservation easement program	Regulatory Programs	Basin-wide	Local / Regional

Improve floodplain regulations	Regulatory Programs	Basin-wide	Local / Regional
Tax breaks for removing structures from floodplain	Regulatory Programs	Basin-wide	Remove
Penalization for building in the floodplain	Regulatory Programs	Basin-wide	Remove
Remap high groundwater areas	Planning and Data Collection	Thurston County	Local
Channel migration zone mapping	Planning and Data Collection	Basin-wide	Local / Regional
Channel migration analysis	Planning and Data Collection	City of Chehalis to Grays Harbor County	Remove
Augment Chehalis Tribe Flood Plan with 2-, 5-, and 10-year recurrence interval maps	Planning and Data Collection	Chehalis Reservation	Remove (completed)
Survey of river cross-sections	Planning and Data Collection	Basin-wide	Local / Regional (may be done by Corps or FEMA)
Remap floodplains	Planning and Data Collection	Basin-wide	Local / Regional (Being done by FEMA) *
Berwick Creek Drainage Plan	Planning and Data Collection	Chehalis and Lewis County	Local (probably to be done by DOT)
China Creek Drainage Plan	Planning and Data Collection	Lewis County and Centralia	Local / Twin Cities Project *
Rochester Stormwater Plan	Planning and Data Collection	Rochester	Local
Reevaluate land uses and zoning based on new mapping	Planning and Data Collection	Basin-wide	Local *
Study of woody debris in conjunction with flooding	Planning and Data Collection	Basin-wide	Local / Regional *
Study of aggregates	Planning and Data Collection	Basin-wide	Local / Regional *
Evaluate sediment management	Planning and Data Collection	Basin-wide	Local / Regional *
Study of failed riprap	Planning and Data Collection	Basin-wide	Remove
Conduct studies needed to design proposed mitigation strategies	Planning and Data Collection	Basin-wide	Local / Regional *
Investigate conditions near Wickett levee	Planning and Data Collection	Chehalis Reservation	Remove (completed)
Determine cause of water backup over Highway 6	Planning and Data Collection	Highway 6	State / DOT
Study of fill adjacent to Harris Creek to determine if it should be removed	Planning and Data Collection	Harris Creek, Chehalis Reservation	? (Local)

Independence Road Bank Realignment Feasibility Study	Planning and Data Collection	Thurston County	Local
Skookumchuck River scour potential study	Planning and Data Collection	Skookumchuck River	Twin Cities project
Hydraulic model	Planning and Data Collection	Basin-wide	Regional (may be done by Corps of Engineers or FEMA) *
Construct a 2-D flow model	Planning and Data Collection	Chehalis Reservation specifically and basin-wide	Remove
Model effects of removing/modifying the Sickman-Ford Bridge Approach	Planning and Data Collection	Sickman-Ford Bridge	Local with regional support
Cumulative downstream flood impact analysis	Planning and Data Collection	Lower basin	Remove
Monitoring program on channel conditions	Planning and Data Collection	Basin-wide	Remove
Study of impact of recent development of trucking and warehouse facilities	Planning and Data Collection	Basin-wide	Remove
Evaluate how groundwater impacts flooding events	Planning and Data Collection	Basin-wide	Regional (in progress by USGS and Partnership)
Riparian habitat inventory	Planning and Data Collection	Basin-wide	Partnership
Develop a floodplain property acquisition program	Planning and Data Collection	Basin-wide	Local / Regional
Provide educational materials on flood hazard management	Education and Public Information	Basin-wide	Local
Provide floodproofing guidance to residents	Education and Public Information	Basin-wide	Local
Establish a Regional Flood Awareness Week	Education and Public Information	Basin-wide	Regional *
Form a flood district	Governance and Management	Basin-wide	Local / Regional
Evaluate opportunities for flood warning systems	Emergency Response and Preparedness	Basin-wide	In progress *
Flood Hazard Warning Policies	Emergency Response and Preparedness	Grays Harbor County	Remove
Improve gauge system in Grays Harbor County	Emergency Response and Preparedness	Grays Harbor County	Local
Acquire generator for City Hall	Emergency Response and Preparedness	Montesano	Local

Construct drinking water reservoir	Emergency Response and Preparedness	Montesano	Local	
Improve flood notification and response program	Emergency Response and Preparedness	Bucoda	Remove	
Develop and maintain a specific flood warning program	Emergency Response and Preparedness	Basin-wide	Local	*
Manage Wynoochee dam for flood control	Emergency Response and Preparedness	Wynoochee dam	Local / Corps	*
Manage Skookumchuck dam for flood control		Skookumchuck dam	Twin Cities project	*
Install generator at Grays Harbor Fairgrounds	Emergency Response and Preparedness	Grays Harbor Fairgrounds	Local	
Address loss of power and cell phone coverage	Emergency Response and Preparedness	Basin-wide	Local	
Establish critter pads to reduce livestock loss	Emergency Response and Preparedness	Basin-wide	Local / agencies	
Join the NFIP Community Rating System	Reduction of Damage to Existing Structures	Basin-wide	Local	
Develop a home elevation and buyout program	Reduction of Damage to Existing Structures	Basin-wide	Local / Regional	
Regrade Main Street	Reduction of Damage to Existing Structures	Bucoda	Local	
Raise elevation of Moon Road/East 188 <sup>th</sup> Roadway	Reduction of Damage to Existing Structures	Thurston County	Local	*
Lincoln Creek floodplain purchase	Reduction of Damage to Existing Structures	Lincoln Creek Road area in Lewis County	Local	
Protect access to Satsop Development Park	Reduction of Damage to Existing Structures	Grays Harbor County	Local	
Protect and restore critical areas	Natural Resource Protection	Basin-wide	Local / Regional	
Provide habitat for wildlife and fish	Natural Resource Protection	Basin-wide	Partnership	
Camp Creek drainage improvements	Natural Resource Protection	Grays Harbor County	Local	
Encourage longer rotations between tree cutting in forests	Natural Resource Protection	Basin-wide	Remove	
Encourage improvement of forest management practices	Natural Resource Protection	Basin-wide	State / DNR / Ecology / Regional	
Levees	Floodplain Protection	Basin-wide	Regional	*
Major water retention (dams)	Floodplain Protection	Basin-wide	Regional	*

Minor water retention	Floodplain Protection	Basin-wide	Regional	*
Off-Channel Storage (conservation easements)	Floodplain Protection	Basin-wide	Regional	*
Beneficial sediment management (dredging)	Conveyance Capacity	Basin-wide	Regional	*
Mill Creek dam in Cosmopolis	Floodplain Protection	Cosmopolis	Local / Regional	*