

insulation, carpeting, and plumbing. The agreement would be required to be recorded on the property deed or title with the county auditor's office to advise future buyers of the restriction.

Flood Warning System Improvements

The existing Chehalis River Basin Flood Warning System, completed by the Chehalis River Basin Flood Authority, features publicly accessible, real-time, Web-based flood data and a monitoring and mapping site. Improvements to the existing flood warning system under this action element would include the following:

- Implementing a program to confirm the river gage rating curve/table for the Chehalis River at Centralia
 - This gage is currently located at the most populous area in the Chehalis Basin and is a key location used by the National Weather Service (NWS) to issue flood forecasts
 - The gage data used to convert river elevations to river flows has never been verified or confirmed with actual measurements of river flow
- Expanding the inundation mapping program to include the community of Bucoda
- Adding a new NWS river forecast point on the Skookumchuck River near Bucoda
- Working with the NWS River Forecast Center to implement a new hydraulic model in the lower Chehalis River that would provide the following:
 - Properly account for tides, storm surge, and sea level rise to better serve residents and businesses around Grays Harbor
 - Extend the River Forecast Center's ability to provide specific river forecasts between Porter and the mouth of the Chehalis River at Grays Harbor
- Revising inundation maps after significant floods to incorporate information obtained during the events to further verify map accuracy and reflect new changes in the floodplain
- Funding the addition of all Chehalis River inundation maps to the NWS inundation map website (currently only the maps for the Chehalis River at Centralia are available on the NWS website)

Flood Warning System

The Chehalis River Basin Flood Warning System website (www.chehalisriverflood.com) includes information on weather, rainfall, and river forecasts from the NOAA Hydrologic Prediction Service; interactive flood maps; interactive gage data maps and U.S. Geological Survey gages; and road conditions from WSDOT's travel alerts. The website also provides a link to the Chehalis River Basin Flood Authority webpage, which includes information on current projects, outreach and education, and background documents.