

Task 3: Scenario of Small Flood Damage Reduction Projects Screening Criteria and Projects

*Chehalis Basin Strategy: Reducing Flood
Damage and Enhancing Aquatic Species*

October 30, 2013 Technical Workshop



Outline

- Task Overview
- Screening Criteria
- Potential Projects
- Next Steps

Screening Criteria

1. Ability to affect a broader area (provide basin wide flood reduction and downstream benefits)
2. Value and size of the area/infrastructure the proposed project will protect (estimated flood damage reduction benefits)
3. Is the project permittable?
4. Is the project implementable?

Screening Criteria

5. Is the project appropriately resourced to cover “beyond construction” costs (e.g. operations, maintenance, repair, inspections, etc.)?
6. Ability to provide environmental benefits.
7. Population at risk
8. Adaptability

Meetings with local communities and stakeholders

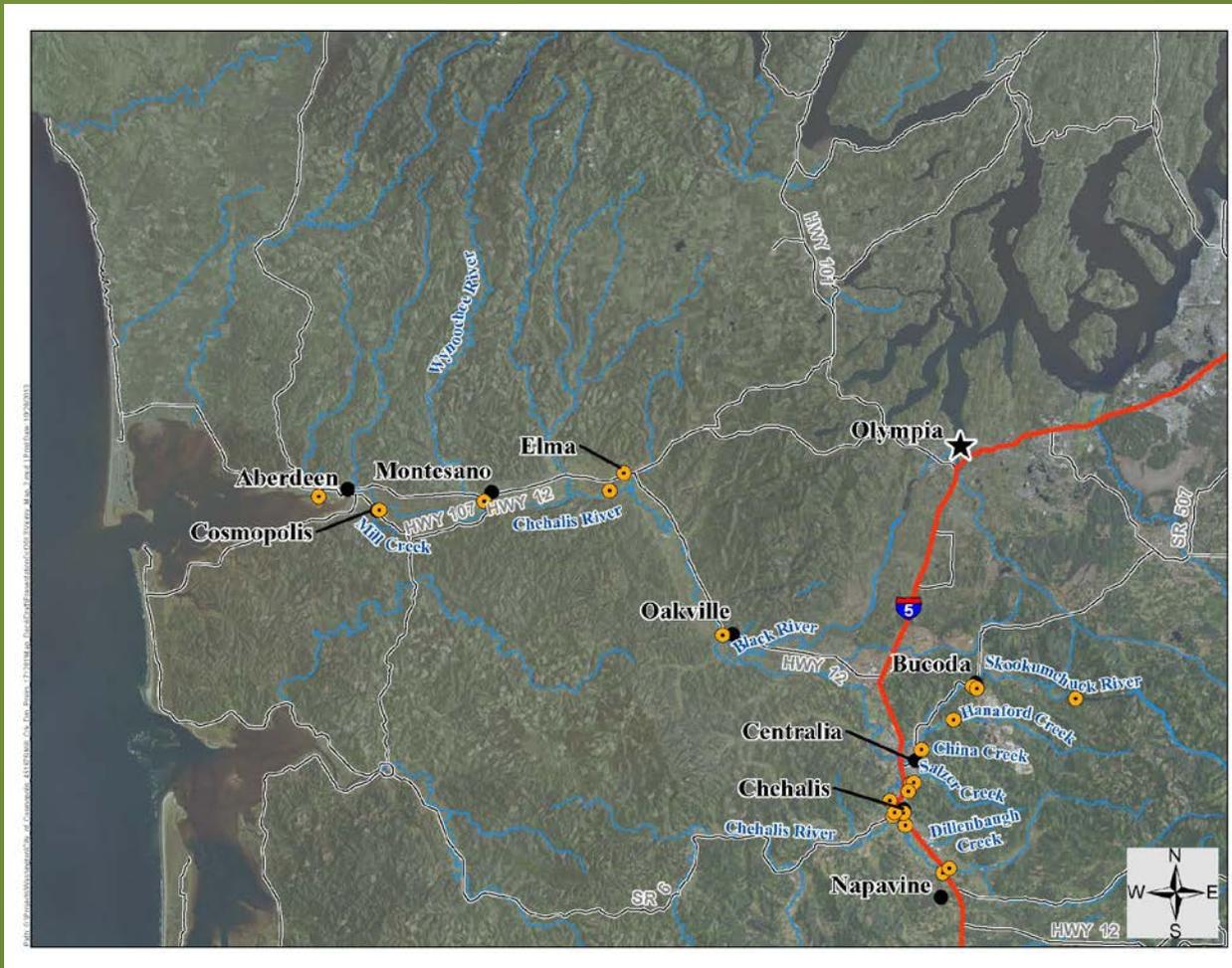
- Meetings to date

- City of Aberdeen
- City of Cosmopolis
- City of Montesano
- Lewis County
- Town of Pe Ell
- City of Oakville
- City of Napavine
- City of Chehalis
- City of Centralia
- Town of Bucoda
- WA Conservation Commission
- Grays Harbor County Conservation District
- Lewis County Conservation District
- Thurston County Conservation District

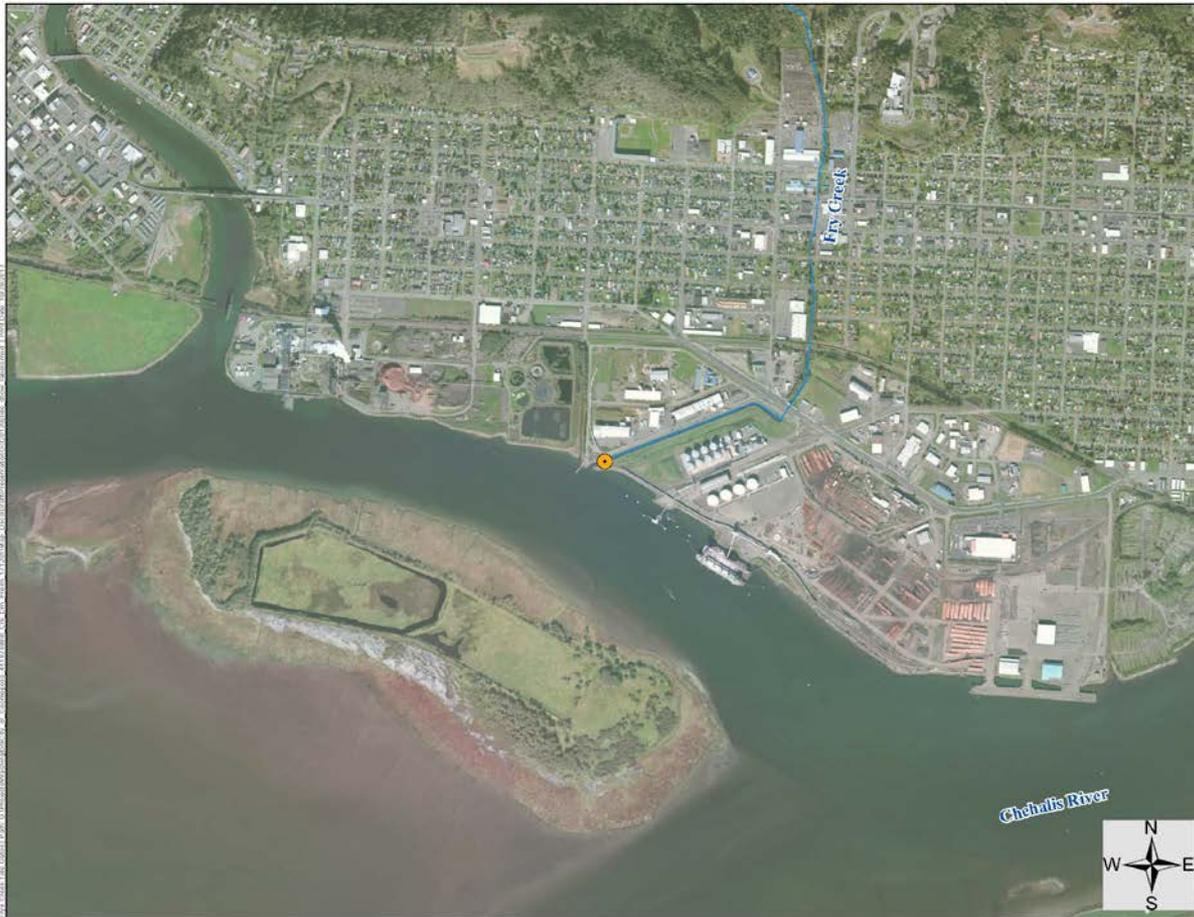
Meetings with local communities and stakeholders

- Still to occur
 - Grays Harbor County
 - Thurston County
 - Chehalis Tribe

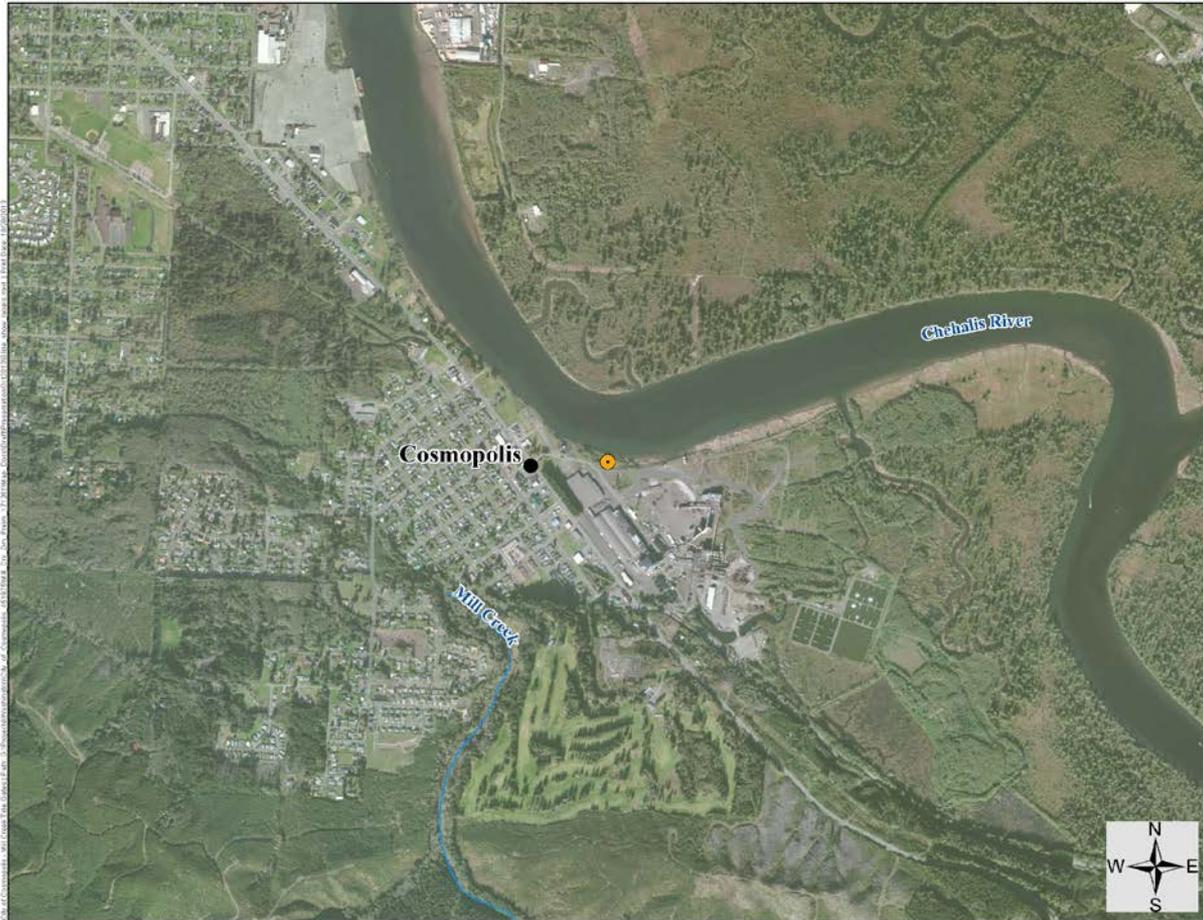
Potential Projects



Fry Creek City of Aberdeen



Mill Creek City of Cosmopolis



Wastewater Treatment Plant City of Elma



Airport Levee – Phase 2

Lewis County/City of Chehalis



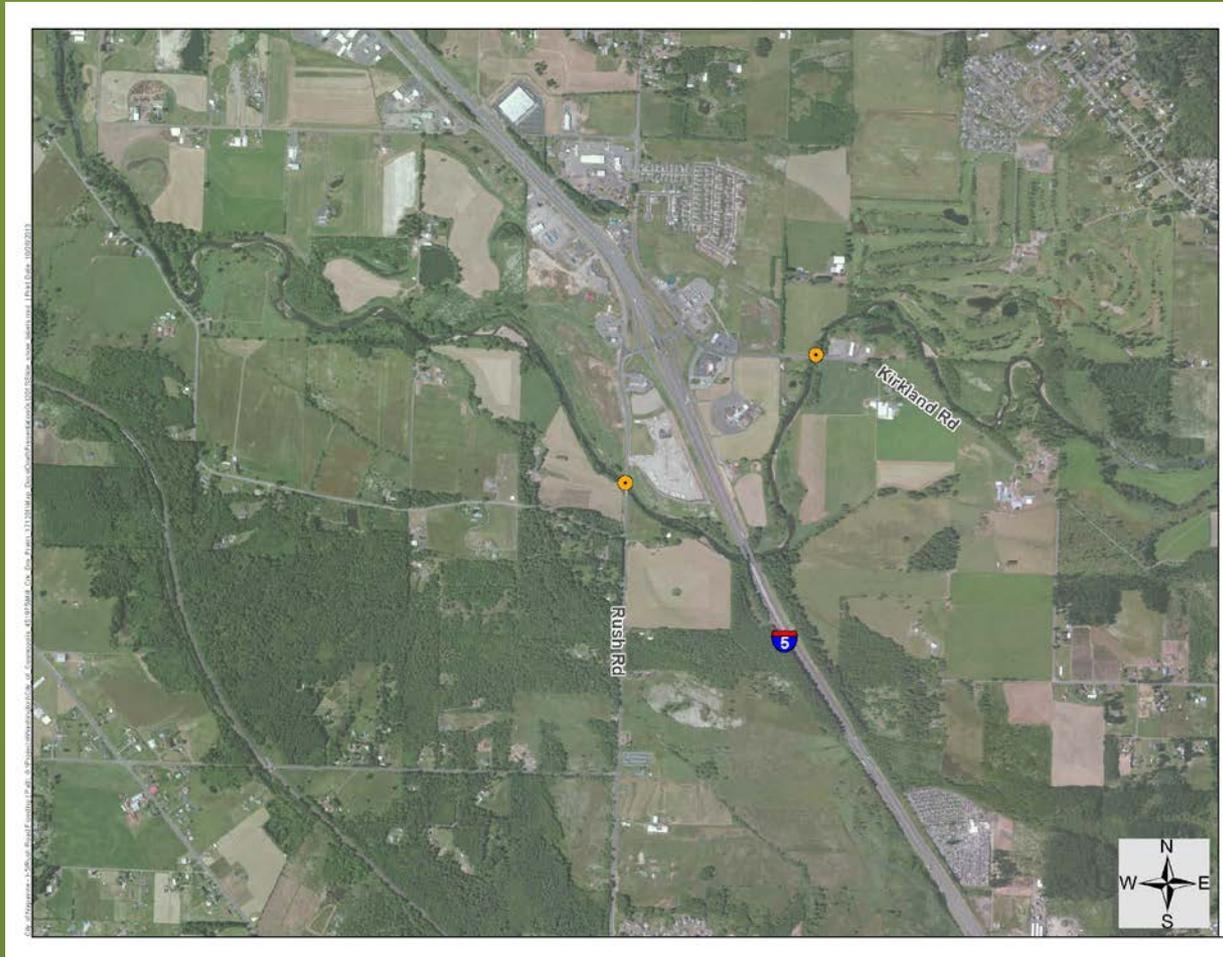
SR 6 Overflow Lewis County



Salzer Creek Backwater Lewis County/City of Centralia

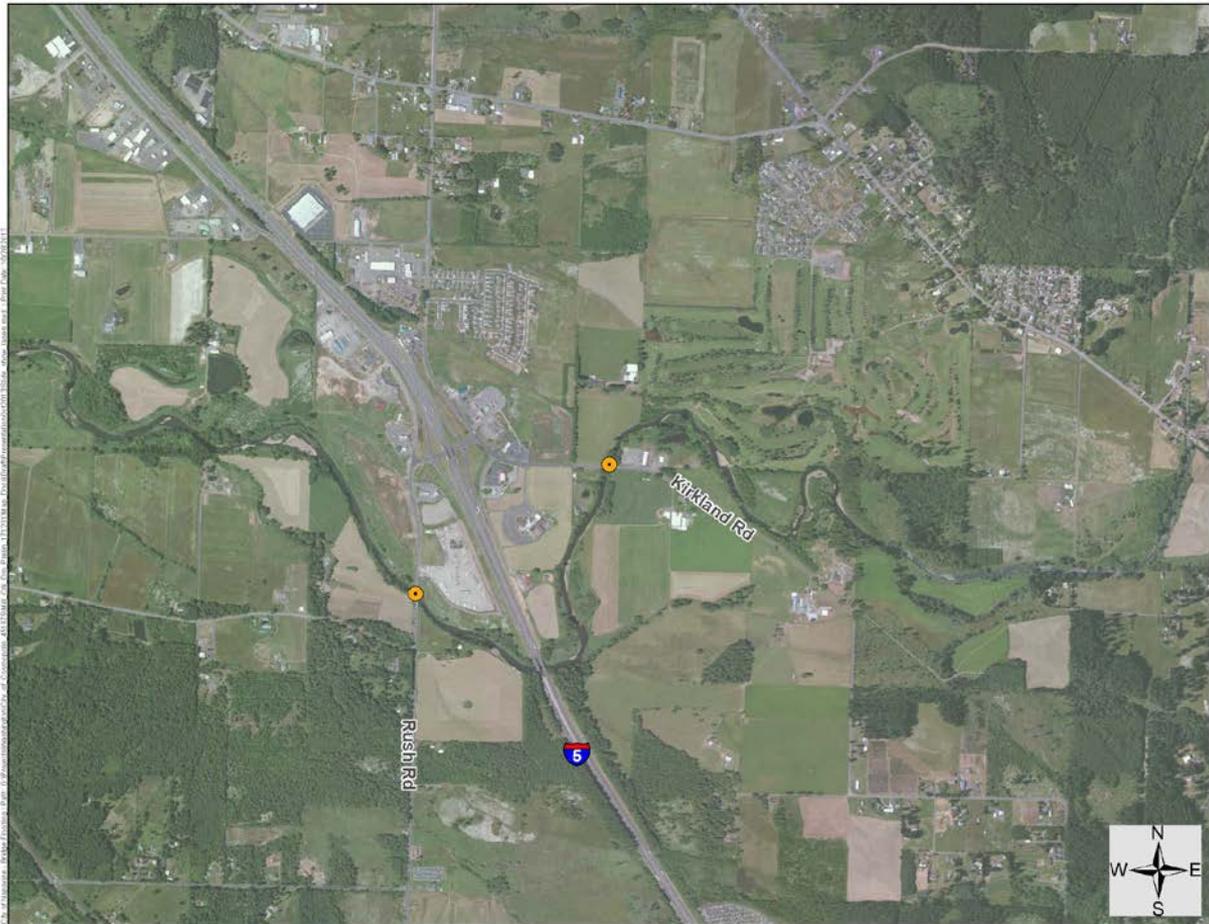


Kirkland Road Flooding City of Napavine

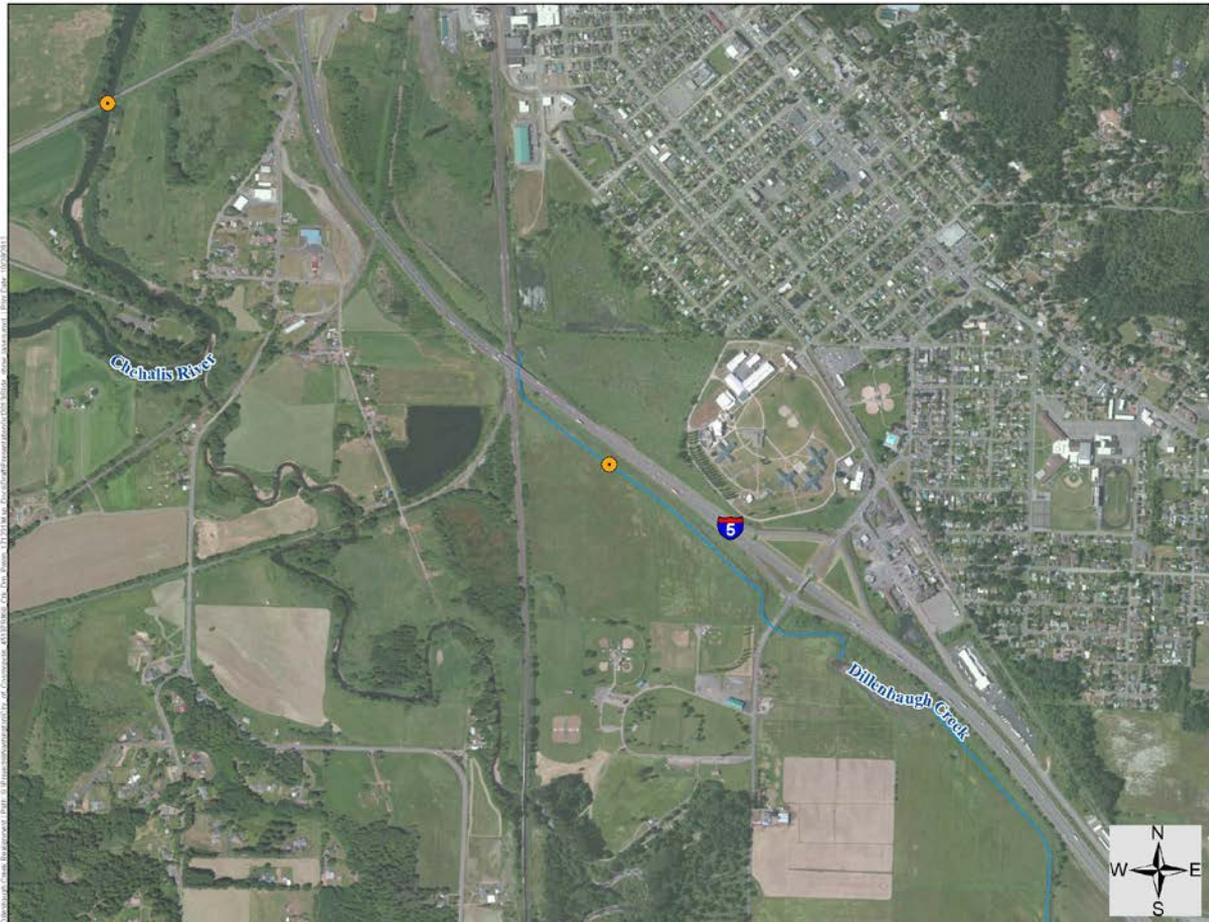


Newaukum River Bridges

City of Napavine



Dillenbaugh Creek Realignment City of Chehalis



Main Street Regrade City of Chehalis



Floodplain Storage - Railroad City of Chehalis



Floodplain Storage – WWTP City of Chehalis



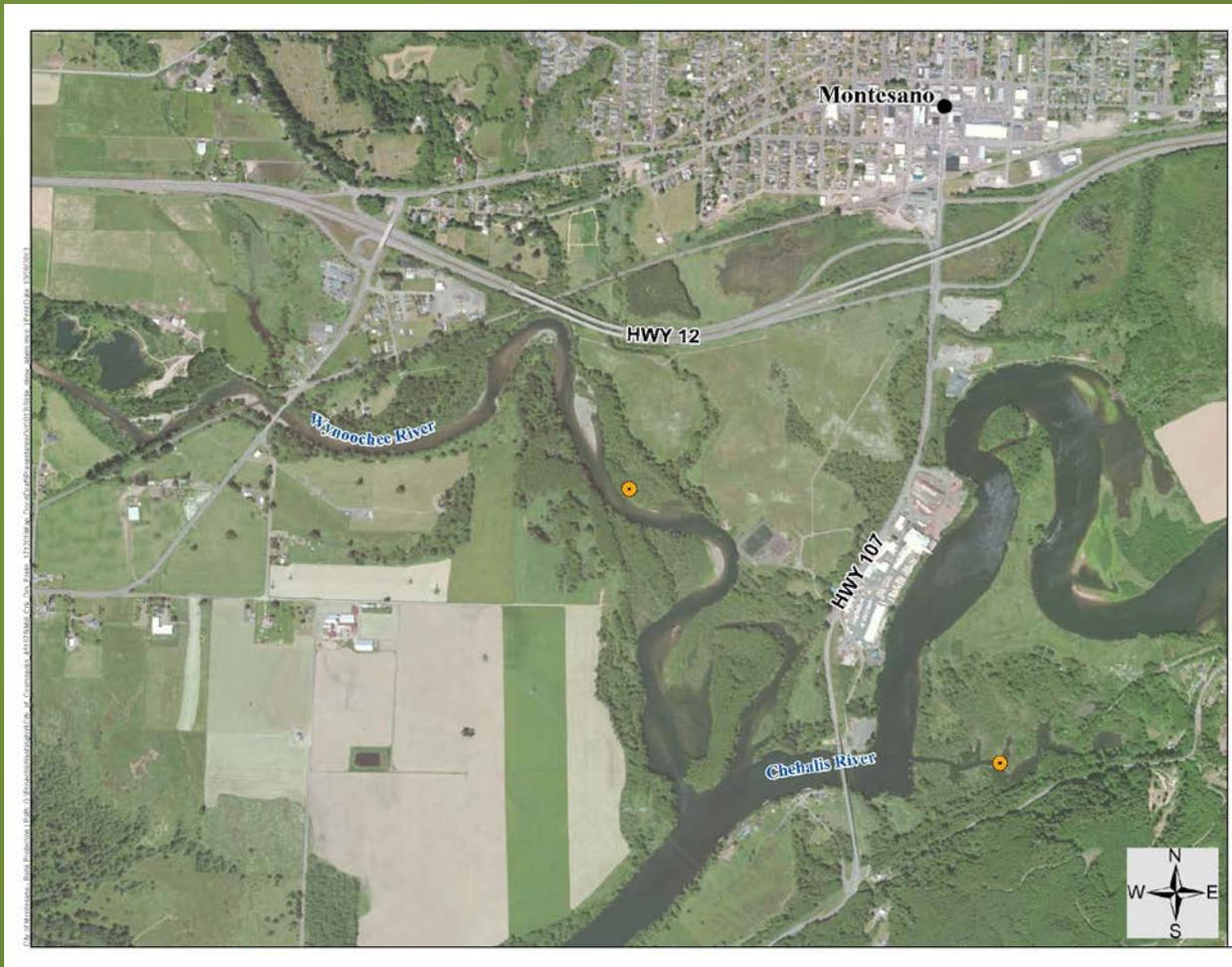
Floodplain Storage – Salzer Creek City of Chehalis



Restoration of Relic Channel at SR 107 City of Montesano/Grays Harbor Co.



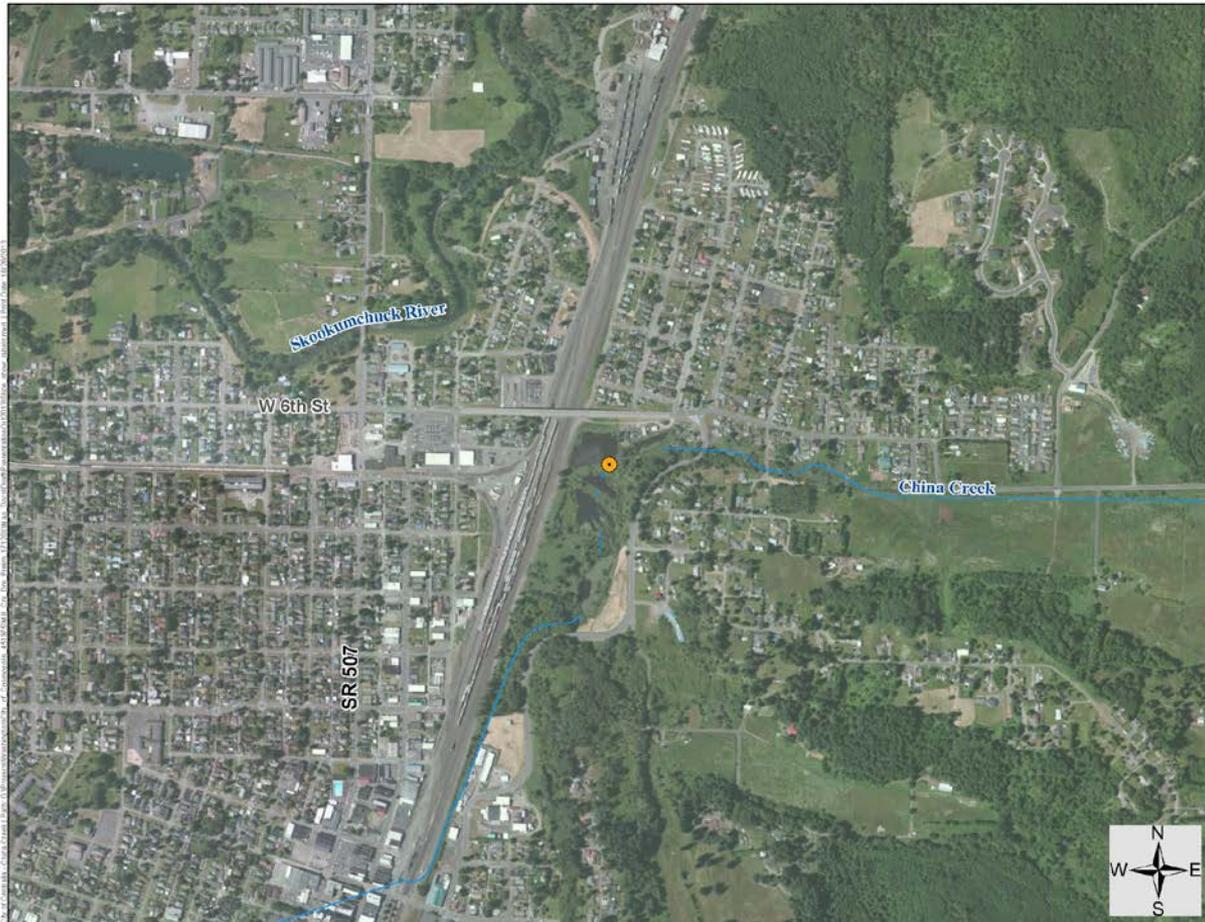
WWTP/Wynoochee River Erosion City of Montesano



Subdivision Flooding City of Oakville

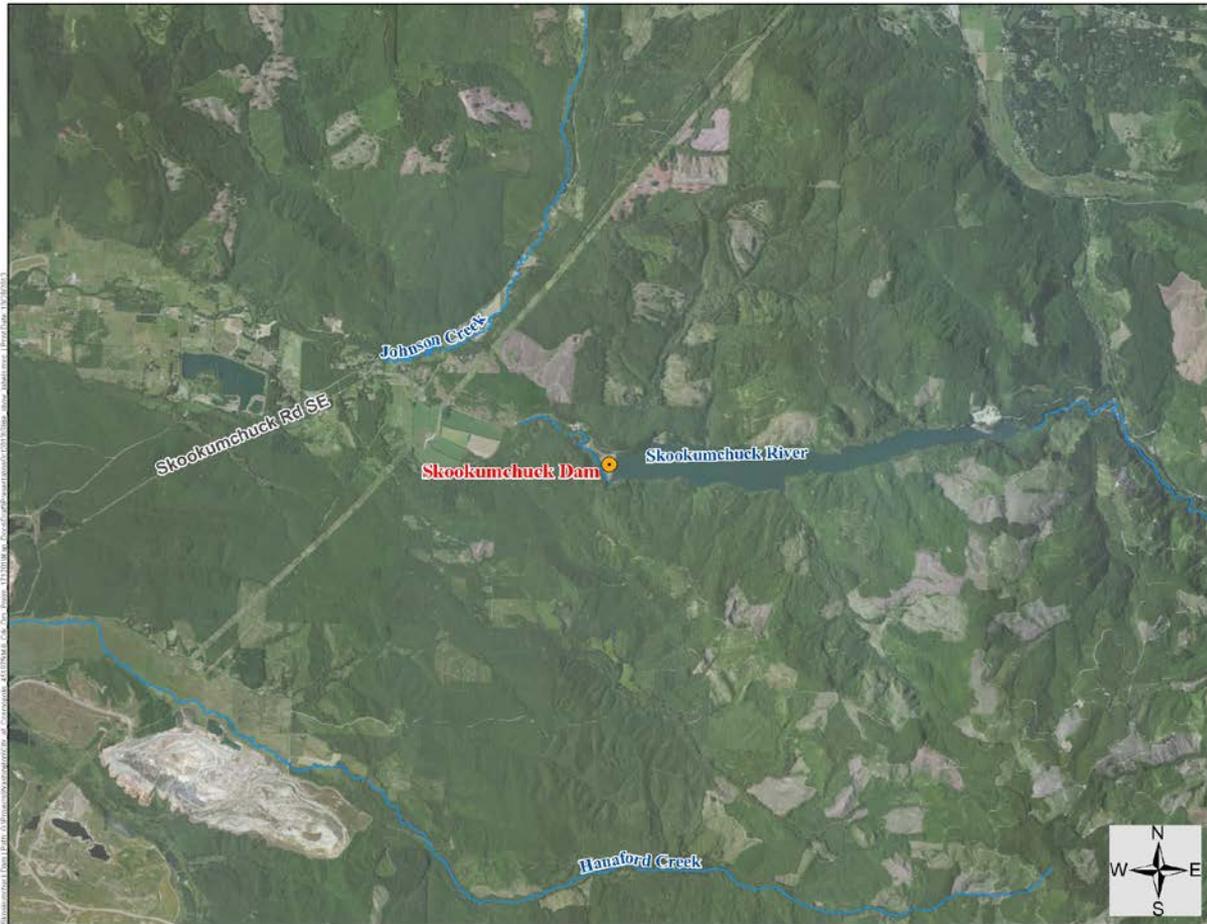


China Creek Flooding City of Centralia



Skookumchuck Dam Operations

City of Centralia/Town of Bucoda/Thurston County



Main Street Regrade Town of Bucoda



Restoration of Relic Channel Town of Bucoda



Next Steps

- Continue meetings
- Memorandum of Projects and Screening Criteria – November 30
- Screening and Analysis

