

CHAPTER 4. SUMMARY OF MITIGATION

Table 4-1 summarizes proposed mitigation and implementing criteria for each of the resource areas analyzed in this report.

TABLE 4-1. SUMMARY OF MITIGATION		
Resource	Recommended Mitigation	Implementing Criteria
Land Use/Important Farmland/ Formally Classified Lands	No mitigation is recommended.	Jefferson County Code
Topography, Geology, and Soils	Design of the treatment plant, rapid-rate infiltration basins and pipelines should take into consideration the soil limitations of the sites.	Jefferson County Code
Water and Wetlands	Best management practices for siting and development. Infiltration of reclaimed water will mitigate for loss of groundwater recharge from existing septic systems.	WDFW, Corps of Engineers and Jefferson County Code
Water Quality	<ul style="list-style-type: none"> • Replacing effluent from septic tanks with Class A reclaimed water from a state-of-the-art wastewater treatment facility • An erosion and sedimentation control plan that implements BMPs would be developed to minimize impacts from erosion during construction. • Monitoring and maintenance of such control measures would be conducted throughout construction to ensure proper performance. • Revegetation of the site will prevent erosion and excessive runoff, thereby protecting water quality. 	Ecology's Water Quality Management Program has authority to carry out provisions of the federal Clean Water Act. Ecology issues both State Water Pollution Control Act and National Pollutant Discharge Elimination System permits. Jefferson County Code
Coastal Resources	<ul style="list-style-type: none"> • An erosion and sedimentation control plan that implements BMPs would be developed to minimize impacts from erosion during construction. • Monitoring and maintenance of such control measures would be conducted throughout construction to ensure proper performance. • A Shoreline Substantial Development Permit and adherence to BMPs and other conditions contained in the permit would be necessary if construction occurs within 200 feet of the shoreline. 	Ecology's Coastal Zone Management Program, State Environmental Policy Act, State and Jefferson County Shoreline Master Program
Biological Resources	<ul style="list-style-type: none"> • An erosion and sedimentation control plan that implements BMPs would be developed to minimize impacts from erosion during construction. • A biological assessment may be required. 	Jefferson County Code

**TABLE 4-1 (continued).
SUMMARY OF MITIGATION**

Resource	Recommended Mitigation	Implementing Criteria
Cultural Resources	Washington State Office of Archaeology and Historic Preservation recommends a professional archaeological survey of the identified area of potential effect. This survey has not yet been undertaken. In addition, all work will be halted and the State Office of Archaeology and Historic Preservation shall be notified if archaeological remains or artifacts are uncovered.	State Office of Archaeology and Historic Preservation, Tribal Historic Preservation Officer
Socio-Economic/ Environmental Justice Issues	The cost of providing the proposed facilities will be minimized by obtaining grants and low-interest loans from various sources.	Jefferson County Code
Transportation	Traffic safety and access would be provided to mitigate potential adverse impacts resulting from construction traffic.	Jefferson County Code
Air Quality	Wastewater treatment facilities will be covered as necessary to capture and eliminate odors	Olympic Region Clean Air Agency
Noise	Noise pollution will be controlled by soundproofing noisy equipment and adherence to the County's noise ordinance.	Jefferson County Noise Ordinance