Olympia Sea Level Rise Collaborative

The City of Olympia, the Port of Olympia, and LOTT Clean Water Alliance

Olympia Sea Level Rise Collaborative Five-Year Workplan (2026-2030)

The Five-Year Workplan includes detailed actions to be implemented by the regional Olympia Sea Level Rise Collaborative from 2026-2030 and includes projects started in 2025 which are projected to continue into later years. The tasks continue the work completed in the near-term period (2019-2024) outlined in the Olympia Sea Level Rise Response Plan (2019); the progress of these tasks was comprehensively reported in the Five-Year Implementation Update (2025). Incomplete tasks from the near-term period are accounted for in this document.

The phased implementation strategy presented in the Olympia Sea Level Rise Response Plan identifies 2025-2050 as the mid-term strategy period. The mid-term strategies include more extensive capital investment across all partners to meet increasing levels of sea level rise. The 2025-2030 period represents the beginning of this period. The tasks include preliminary work (e.g., funding, financing, planning, engineering) needed to construct physical adaptation measures to meet 24" of protection by 2050. Ongoing tasks are also included.

The tasks outlined in this document will be the foundation for future implementation updates. The tasks were developed in coordination across all Collaborative Partners. This workplan will be updated as needed to reflect evolving information, needs and priorities. Implementation is contingent on future funding.

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Five Year Workplan (2026-2030)

Work Item	Description	Lead Agency	Years
All Partners			
Investigate long-term public financing mechanisms.	Continue exploring funding and financing mechanisms. Identify suitable mechanism(s) to pursue for funding sea level rise adaptation strategies.	City of Olympia / All partners	2025-2027
Update Collaborative Bylaws	Review and update bylaws for the Sea Level Rise Collaborative.	All partners	2025-2026
Refine sea level rise monitoring strategy.	Develop trigger points for initiating funding, design and engineering, and construction for infrastructure projects. Includes monitoring land subsidence	City of Olympia / All partners	2025-2026
Develop guidelines to incorporate sea level rise considerations into capital projects.	Develop minimum design criteria for capital projects that account for sea level rise and increased precipitation.	City of Olympia/ All partners	2025-2026
Incorporate sea level rise design guidelines.	Update existing capital planning, design, and budgeting processes to integrate sea level rise design guidelines.	All partners	2026-2027
Pursue state and federal funding.	Apply to grants as they arise.	All partners	Ongoing

Work Item	Description	Lead Agency	Years
Update sea level rise flood damage reduction ordinance	Evaluate the effectiveness of the 2016 Flood Risk Reduction Ordinance. If needed, update the ordinance to account for updated sea level rise projections and new flood risk reduction strategies.	City of Olympia	2026-2027
Continue community-wide education and outreach about sea level rise. (Previously: Continue education work with schools)	Each partner is responsible for developing and executing project-specific education and for sea level rise adaptation efforts. Examples of ongoing and recurring efforts from project partners include: - Local business roundtables led by the Port of Olympia - Youth education sessions with LOTT Clean Water Alliance at the WET Science Center - Tidal flooding communications for downtown residents and businesses led by the City of Olympia	All partners	Ongoing
City of Olympia Funding, designing, and planning for adaptation in the ROW and along Percival Landing			
Complete storm and wastewater rate study.	Investigate SLR funding and financing options through the stormwater and wastewater utility.	City of Olympia	2025-2026
Complete Percival Landing revisioning to incorporate SLR adaptation.	Coordinate with Olympia Parks, Arts & Recreation to complete revisioning of Percival Landing. Incorporate mid-term and long-term SLR adaptation strategies envisioned for Percival Landing and adjacent right-of-way (ROW). Develop preliminary cost	City of Olympia	2025-2027

Commented [NW1]: For further discussion at August TWG, but including this language here for now.

Work Item	Description	Lead Agency	Years
	estimates and phasing plan for mid-term and long-term adaptation strategies.		
Pursue Percival Landing and ROW funding and financing.	Develop funding and financing strategy for design and construction of Percival Landing adaptation strategies. Apply to state and federal grants.	City of Olympia	2028-2030
Complete Percival Landing and ROW planning, design, and engineering.	Advance planning, design, and engineering for Percival Landing in early 2030s, with construction to follow by 2035.	City of Olympia	2030 - onwards
Develop flow reduction program.	Initiate Strategic Stormwater Initiative Lead (SSIL) grant focused on developing a flow reduction program within the Stormwater and Wastewater Utility. The grant outputs will identify projects for selective separation of the combined sewer system to reduce excess flows to the Budd Inlet Treatment Plant.	City of Olympia	2025-2027
Design and planning for combined sewer separation and flow reduction.	Incorporate the projects identified for separation of the combined sewer system into the Storm and Surface Water and Wastewater utilities' capital facilities planning, pursue design and construction funding opportunities and coordinate larger scale projects with the Sea Level Rise Collaborative partners.	City of Olympia	2028-2030
LOTT Clean Water Alliance Pursuing preliminary studies, designing, and implementing BITP upgrades for SLR adaptation			
Refine high flow standard operating procedures at the Budd Inlet Treatment Plant.	Update standard operating procedures as needed after an event occurs.	LOTT	Ongoing

Work Item	Description	Lead Agency	Years
Conduct annual meetings with PSE to protect Thurston Substation.	Continue discussions with PSE to understand evolving risk for the Thurston Substation for the BITP.	LOTT	Ongoing
Plan and construct North Pipeline Upgrade.	Replace a section of the north outfall pipeline to eliminate a hydraulic bottleneck that limits effluent pumping capacity. Project planning is underway. Construction is planned for summer 2026.	LOTT	2025-2026
Design Influent Pump Station Capacity Expansion.	Replace aging pumping equipment and increase hydraulic capacity.	LOTT	2028
Elevate upgraded/new BITP components above projected flood levels for redundancy.	Initiate generator/ influent pump station project in 2028. Project includes raising the elevation. An upgrade to the A/B substation will be designed in 2025-2026 with construction in 2027; an elevation raise will be evaluated for this project.	LOTT	2025-2028
Construct pumping and emergency power project	Add a stub wall to Franklin Street to raise the wall below the generator intake.	LOTT	2028
Increase overall plant hydraulic capacity through the use of Chemically Enhanced Primary Treatment.	Upgrade to Chemically Enhanced Primary Treatment. Chemically enhanced primary treatment shortens the time necessary for primary treatment, thus increasing the capacity to move flow through this part of the treatment process and improving overall hydraulic treatment capacity of the plant.	LOTT	2025-2030
Develop design standards/guidelines updates.	Include in LOTT's design preferences the requirement to consider sea level rise for every project. For electrical work, LOTT raises facilities up on concrete platforms and provides covers. LOTT has already implemented these changes on its electrical switchgear which is built atop an elevated pad to prevent flooding.	LOTT	2025; ongoing

Work Item	Description	Lead Agency	Years
Port of Olympia Planning and elevating low-lying shoreline segments along North Point and Port Plaza			
Monitor ongoing shoreline erosion along East Bay.	Survey and monitor East Bay for shoreline erosion.	Port	2025; Ongoing
Install backflow prevention on stormwater outfalls E, F, and K.	Install backflow prevention on stormwater outfalls.	Port	2026
Conduct Land Use Planning process for Port Peninsula redevelopment.	Complete Port Peninsula Master Plan with SLR considerations and adaptation measures integrated throughout.	Port	2025-2026
Implement Port Peninsula Master Plan.	Advance planning for Port Peninsula based on the final master plan. Incorporate SLR adaptation strategies to the greatest extent feasible; prioritize North Point adaptation based on current vulnerabilities to future SLR scenarios.	Port	2026 - onwards
Department of Enterprise Services (DES) / Department of Ecology (Ecology) Funding, designing, and engineering Deschutes Estuary Restoration Project			
Section to be updated in collaboration with the Department of Ecology. *Tasks below reflect the most recent timeline provided by DES (Spring 2025)*			
Deschutes Estuary Restoration - 60% Design	*Complete 60% design.*	*DES*	*2025*
Deschutes Estuary Restoration - 90% & 100% Design and Permitting	*Complete 90% and 100% design.*	*DES*	*2026*

Work Item	Description	Lead Agency	Years
Deschutes Estuary Restoration -Construction starts	*Begin construction*	*DES*	*2027*
Dam removal and restoration of tidal flow		*DES*	*Early 2030s*