

Imperative 2. Regional Capacity and Collaboration

Regional collaboration enhances the resilience and capacity of the water delivery system and helps ensure reliable source water quality and quantity. Strategies to enhance regional collaboration may include pooling regional resources, providing technical information to landowners, and improving access to resources and funding.

Objectives

- Cultivate active coordination and collaboration among all regional water providers to improve access to resources and funding that enhance system resilience and reliable source water quantity and quality.
- Expand water conservation planning programs and initiatives.

Action Details

Action	Desired Outcomes	Potential Lead & Participants	Timeline	Initial Estimated Investment	Potential Funding Sources	
2	Regional Collaboration: Support the creation of a feasible 50-year county-wide water supply plan. Incorporate regionally integrated plans that improve water system resiliency and adequately plan for future water supply development in the face of natural and human-caused disasters.	Conduct an updated analysis of supply and demand (use OSU Study), evaluating both instream and out-of-stream needs, coupled with an alternatives analysis of potential strategies to reduce demand and/or increase supply (conservation, pricing, storage, reuse, new sources, etc.). Water providers collaborate to develop risk and resilience assessments and emergency response plans that are inter-connected where feasible.	Lead: Lincoln County, Regional Solutions, Lincoln County Water Systems Alliance (LCWSA), OHA regional engineers, water providers Participants: All Lincoln County water suppliers, regional stakeholders, OWRD and other state agencies), EPA, Rural Community Assistance Corporation	PHASES 1-3	\$200,000	<ul style="list-style-type: none"> ▪ Business Oregon/Infrastructure Finance
3	Regional Collaboration: Support the development of organizational procedures for the Mid-Coast Water Conservation Consortium (MCWCC) and the Lincoln County Water Systems Alliance (LCWSA) that will facilitate the prioritization and funding of projects throughout the region.	Explore organizational options for Mid-Coast Water Conservation Consortium that would enable entity to prioritize and fund projects throughout the region on behalf of members.	Lead: Mid-Coast Water Conservation Consortium, Lincoln County Water Systems Alliance Participants: Independent, governmental, and industrial water suppliers and users	PHASE 2	\$50,000	<ul style="list-style-type: none"> ▪ Meyer Memorial Trust Capacity Building Grant. ▪ Business Oregon Drinking Water Source Protection Fund. ▪ Special Public Works Fund (SPWF). ▪ U.S. Economic Development Administration (EDA).
4	Regional Collaboration: Strengthen/support the Mid-Coast Water Conservation Consortium to enhance water conservation, increase resiliency during shortages and emergencies, and pool resources of multiple water providers. Support enhanced coordination with state and federal entities outside of the Mid-Coast.	Water suppliers have a strengthened ability to address water conservation issues, increase resiliency, and pool resources.	Lead: Mid-Coast Water Conservation Consortium, Lincoln County Water Systems Alliance Participants: Water providers	PHASE 1	\$50,000	<ul style="list-style-type: none"> ▪ Georgia-Pacific Environment Grant Program. ▪ Business Oregon Drinking Water Source Protection Fund. ▪ U.S. Economic Development Administration (EDA).
5	Regional Collaboration: Support and advocate for planning and development that minimizes impacts to floodplains and riparian areas, promoting Green Infrastructure (GI) methods and Low Impact Development (LID) practices.	Natural storage (e.g., beaver protection) is supported, and open zoning regulations that promote marshland migration are encouraged. Planning and development minimize impacts to floodplains and riparian areas through the implementation of GIM and LID practices.	Lead: County planners, Department of Land and Conservation Development, municipal planning departments Participants: US Forest Service, Oregon Department of Environmental Quality, Oregon Department of Fish and Wildlife, Oregon Department of Forestry	PHASES 1-2	\$50,000	<ul style="list-style-type: none"> ▪ Bureau of Reclamation Cooperative Watershed Management Grant (Phase I). ▪ OWEB Stakeholder Outreach and/or Technical Assistance Grant.
6	Conservation: Develop and update water management and conservation plans for the Mid-Coast regional municipal and self-supplied direct water systems.	Each water provider on the Mid-Coast has a recently updated water management and conservation plan appropriate in scale for the size of their customer accounts and demand.	Lead: Water providers and water users, all municipalities	PHASE 2	\$100,000	<ul style="list-style-type: none"> ▪ Business Oregon Drinking Water Source Protection Fund.
7	Conservation: Coordinate water curtailment plans among water providers.	Water providers coordinate water curtailment plans and messaging to the extent practicable, particularly those sharing water systems and sources.	Lead: Entities with shared water systems/sources, Mid-Coast Water Conservation Consortium Participants: Oregon Water Resources Department	PHASES 1-2	\$15,000	<ul style="list-style-type: none"> ▪ U.S. Economic Development Administration (EDA).
8	Ecosystem Protection and Enhancement: Encourage municipalities to update/complete required stormwater management control plans to incorporate GI/LID	Municipal stormwater management control plans are updated and completed.	Lead: Municipalities	PHASE 3	\$100,000	<ul style="list-style-type: none"> ▪ U.S. Economic Development Administration (EDA).

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	practices, using statewide LID technical design guide, and update codes and ordinances that are barriers to implementing these practices. Assist smaller communities, that are not currently required, in voluntarily developing similar stormwater management plans and technical design guides.				<ul style="list-style-type: none"> U.S. Department of Housing and Urban Development Sustainable Communities Regional Planning Grant. OWRD Water Projects Grants and Loans. ODEQ grants and technical assistance. 	
9	Natural Hazards: Advocate for Emergency Response Plans (required for public water systems) address water system needs and specific vulnerabilities, and are interconnected to create a regional network during emergency situations.	Public water system suppliers develop comprehensive plans that address the full suite of emergency measures needed locally and regionally.	Lead: Oregon Health Authority, Lincoln County, Oregon Department of Environmental Quality, water providers	PHASE 2	\$50,000	<ul style="list-style-type: none"> ODEQ Supplemental Environmental Projects (SEP) Program. USDA Rural Development Emergency Community Water Assistance Grant. NOAA Coastal Resilience Grants Program.
10	Natural Hazards: Collaborate with emergency operations planners to identify highest priority water needs and develop alternative systems and plans. Identify opportunities and access for shared water available for addressing emergency interconnections.	Water vulnerabilities are clearly articulated in updates to the Natural Hazard Mitigation Plan.	Lead: Water providers, Mid-Coast Water Conservation Consortium	PHASE 1	\$125,000	<ul style="list-style-type: none"> ODEQ Supplemental Environmental Projects (SEP) Program. Business Oregon Drinking Water Source Protection Fund. Special Public Works Fund (SPWF). USDA Rural Development Emergency Community Water Assistance Grant.
11	Natural Hazards: Support the development tiered communication trees to address: a) typical support needs b) response to localized emergencies affecting one or multiple Public Water Systems; and c) Cascadia Subduction Zone quake, volcanic eruption, regional wildfire. Provide communication alternatives for inoperable phone/internet (HAM resources; meeting locations and days/times).	Ensure a mutual aid network exists on the coast to communicate and respond effectively during emergencies.	Lead: Lincoln County, water providers, MCWCC	PHASE 2	\$50,000	<ul style="list-style-type: none"> ODEQ Supplemental Environmental Projects (SEP) Program. Georgia-Pacific Environment Grant Program. USDA Rural Development Emergency Community Water Assistance Grant. NOAA Coastal Resilience Grants Program.
12	Source Water Protection and Development: Develop regionally integrated Drinking Water Protection Plans to ensure that strategies and implementation plans are in place to minimize threats to water supply sources throughout the Mid-Coast. Advocate for funding to support the development and plan implementation.	Drinking Water Protection Plans are developed to minimize contaminants from entering source waters.	Lead: Water providers, Lincoln County, water districts, municipalities, Oregon Department of Environmental Quality, Oregon Health Authority	PHASES 1-3	\$100,000	<ul style="list-style-type: none"> ODEQ clean water drinking/source water protection program. Georgia-Pacific Environment Grant Program. Business Oregon Drinking Water Source Protection Fund. OHA Safe Drinking Water Act Loans/Grant Funds.
13	Source Water Protection and Development: Create a Source Water Protection Plan, or multiple source-specific plans, to reduce, or minimize contaminants from entering source waters. Advocate for funding to support the development and implementation of these plans.	A source water protection plan, or multiple plans, include actions that minimize contaminants entering source waters.	Lead: Lincoln County, water districts, city, Oregon Department of Environmental Quality, Oregon Health Authority	PHASE 2	\$2,000,000	<ul style="list-style-type: none"> ODEQ clean water drinking/source water protection program. Georgia-Pacific Environment Grant Program. Business Oregon Drinking Water Source Protection Fund. OHA Safe Drinking Water Act Loans and Grant Funds.
TOTAL					\$2.89M	

Performance Metrics

- Water conservation projects are implemented and have measurable outcomes that aim to achieve the greatest return on investments.
- Updates to the Natural Hazard Mitigation plan clearly articulate water vulnerabilities.
- A mutual aid network is created along the coast, and water providers sign up for [ORWARN](#).
- A 50-year county-wide water supply plan is created.

- Mid-Coast public water providers have up-to-date drinking water protection plans that are regionally integrated.

Metric Methodology

- A social survey is conducted to assess the extent to which Mid-Coast land managers understand and are applying Ecosystem Best Management Principles and Practices. A social survey is conducted 3-5 years later to assess increases in awareness, understanding, and implementation.
- Spatial analyses are conducted, and locations on the landscape are identified to implement conservation projects that achieve the greatest return on investment
- A mutual aid network is created and tested, confirming its capacity to respond effectively during emergencies.