**Instructions:**

Refer to the “Criteria Scoring Guide” document for descriptions of how to score each criterion.

**Color-code key:** = Self-assessment: High, medium, or low = High, medium, or low = Yes or No

Note: The State or Regional Plan criterion has been filled out based on Appendix D of the Action Plan. You do not need to add anything to this column unless you want to add any additional state or regional plans that apply to certain actions.

| **Action #** | **Action** | **Expertise Level** | **Water Quantity** | **Water Quality** | **Stakeholder Under-standing** | **Readiness** | **Instream & Out-of-stream benefits** | **Regionwide Benefit** | **State or Regional Plan** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Imperative 4: Water Conservation, Efficiency, and Reuse** | | | | | | | | | |
| 22 | Improve understanding of Oregon’s existing water reuse regulations, and the opportunities and barriers (e.g., health issues) to using recycled and gray water for all allowed uses.  Encourage development of comprehensive water reuse programs at appropriate scales. |  |  |  |  | High: Projects with leads identified |  |  | Y |
| 23 | Investigate and share information on methods of reusing treated sewage plant water and water at water treatment plants (e.g., backwash) and regional industries for potable, agricultural, and industrial uses. |  |  |  |  |  |  |  |  |
| 24 | a) Incentivize commercial and industrial facilities to conduct water audits, identifying water loss and implementing conservation, recycling, and re-use strategies and technologies.  b) Evaluate and potentially revise water pricing strategies commensurate with actual delivery costs as well as other strategies to stimulate water conservation and re-use while raising revenue for water conservation investments (e.g., improved efficiency at commercial facilities). |  |  |  |  |  |  |  | Y |
| 25 | Work with the NRCS to develop a Conservation Implementation Strategy to provide incentives and technical support to agricultural irrigators interested in making improvements, such as increased efficiencies to minimize evaporation losses. |  |  |  |  |  |  |  | Y |
| 26 | Identify and develop voluntary incentives for water conservation. |  |  |  |  |  |  |  | Y |
| 27 | Using the Water Management Economic Assessment Model, develop a suite of adaptation measures (e.g., storage investments, conservation rebate programs, and new pricing models) to address existing and predicted water shortages in the region. |  |  |  |  |  |  |  |  |
| **Imperative 5: Resilient Water Infrastructure** | | | | | | | | | |
| 28 | Support upgrading and maintaining water metering system infrastructure, where possible. Note: Automated read systems (not SMART) can be installed at reduced cost. |  |  |  |  | High: Projects with leads identified |  |  | Y |
| 29 | Use the latest technologies (e.g., In system monitoring and controls, pumping efficiency, automating, and controlling potential zone isolations) available when retrofitting, or replacing, water infrastructure. |  |  |  |  | High: Projects with leads identified |  |  |  |
| 30 | Address distribution system failures by installing earthquake valves in water tanks to retain water even if distribution system fails. |  |  |  |  |  |  |  |  |
| 31 | Evaluate alternatives for both natural and built (human-made) water storage with the planning area.  For built systems, identify and perform feasibility studies needed to assess whether projects are viable using established and agreed-upon criteria (economic, environmental, regulatory, etc.).  For natural storage “systems”, identify feasibility studies needed to assess project viability using established and agreed-upon criteria. For those that appear viable, developed estimates of seasonal water storage and release. |  |  |  |  | High: Projects with leads identified |  |  |  |
| 32 | Support the expansion of the state-supported revolving fund (including developing a new fund for self-suppliers) to accelerate water infrastructure improvements. Improve access to funding by enhancing coordination and collaboration with communities). |  |  |  |  |  |  |  |  |
| 33 | Identify funding programs to support infrastructure enhancements that advance sustainable and secure water solutions for the region. Study how other cities and counties have funded their infrastructure improvements through time and manage water infrastructure assets. |  |  |  |  |  |  |  | Y |
| 34 | Establish a community revolving loan program for infrastructure improvements for septic systems. |  |  |  |  |  |  |  |  |
| **Additional Actions from Other Imperatives Related To Imperatives 4 and 5** | | | | | | | | | |
| 1a | Promote water conservation at local events, on the Mid-Coast Water Planning Partnership website and the websites of regional partners and entities, in news articles, in water bills, via social media, and through outreach materials to businesses, particularly in the hospitality industry. |  |  |  |  | High: Projects with leads identified |  |  | Y |
| 1b | Develop drought declaration and audience-specific (e.g., self-supplied industrial water users) water conservation and curtailment messages. |  |  |  |  |  |  |  | Y |
| 1d | Develop a regional initiative/training to improve coordination and provide education to water providers on infrastructure financing and funding. |  |  |  |  |  |  |  | Y |
| 1e | Provide an internship program, hands-on training, and certification training for water technicians, which includes technician training on updating and implementing water management. |  |  |  |  |  |  |  | Y |
| 1f | Identify or develop curriculum and materials/information for students and the public (community education) about their water sources, water management, and water conservation. |  |  |  |  | Medium: Projects identified |  |  | Y |
| 2 | 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. |  |  |  |  | High: Projects with leads identified |  |  |  |
| 4 | 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. |  |  |  |  | High: Projects with leads identified |  |  | Y |
| 5 | 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. |  |  |  |  |  |  |  | Y |
| 6 | Develop and update water management and conservation plans for the Mid-Coast regional municipal and self-supplied direct water systems. |  |  |  |  | High: Projects with leads identified |  |  | Y |
| 7 | Coordinate water curtailment plans among water providers. |  |  |  |  |  |  |  | Y |
| 8 | Encourage municipalities to update/complete required stormwater management control plans to incorporate GI/LID 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. |  |  |  |  |  |  |  | Y |
| 9 | 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. |  |  |  |  |  |  |  | Y |
| 10 | 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. |  |  |  |  |  |  |  | Y |
| 11 | Support the development of 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). |  |  |  |  |  |  |  | Y |
| **Additional Actions Related to Imperatives 6 and 8, not previously scored at the Work Group meeting** | | | | | | | | | |
| 1i | Work with partners and agencies (e.g., Oregon State University Extension Service) to deliver information on safe pesticide application practices and vegetation management practices that reduce or eliminate pesticide use. Provide outreach on water quality impacts of pesticides and fertilizers associated with lawn management near streams and ponds. Share methods that reduce impacts and identify alternatives. |  |  |  |  |  |  |  | Y |
| 1j | Conduct education in source water areas (including to those that may not be customers of the water provider) about drinking water sources, risks, choices, and strategies. |  |  |  |  | Medium: projects identified |  |  | Y |
| 1k | Connect private landowners with resources and information about best management practices to improve water quality and quantity. |  |  |  |  | Medium: projects identified |  |  | Y |
| 12 | 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. |  |  |  |  | High: projects with lead identified |  |  | Y |
| 13 | 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. |  |  |  |  | High: projects with lead identified |  |  | Y |