



## **Bipartisan Drought Relief and Water Security Package (BiDRAWS) 2023 Legislative Session**

Persistent and severe drought conditions have become a new normal across the western United States. Oregon is no exception, with the vast majority of the state currently experiencing moderate to exceptional drought conditions. Despite emergency relief allocated during a recent special legislative session and subsequent action by the Joint Emergency Board, Oregon continues to grapple with serious water security concerns across the board. From overallocation of water resources to aging infrastructure and threats to community drinking water sources, a more proactive approach is needed to ensure long-term resilience.

This document outlines a robust Bipartisan Drought Relief and Water Security package of near-term relief and mid- to long-term actions that target root issues. Actions and investments aim to produce triple bottom line benefits, charting a sustainable water future for families, farms, and fish.

Package components are organized across the categories below, though it is important to remember that many aspects are interrelated and synergistic:

1. Planning, Coordination, and Capacity
2. Data and Analysis
3. Water for Families: Drinking Water Security
4. Water for Farms: Agricultural Resilience and Food Security
5. Water for Fish: Instream Priorities and Watershed Health
6. Water Project Investments
7. Outreach and Engagement

Among the many resources that informed this package, significant attention was paid to sources such as:

- Oregon's [Integrated Water Resources Strategy \(IWRS\)](#)
- [The Governor's Recommended Budget](#) and agency policy option packages
- The Secretary of State's 2023 Advisory Report: [State Leadership Must Take Action to Protect Water Security for All Oregonians](#)
- The Oregon Legislature's [2016 Report of the Task Force on Drought Emergency Response](#)
- Research on relevant federal funding opportunities
- Discussions with legislative colleagues, subject matter experts, and stakeholders

Across sources, the message is clear: we need a better coordinated strategy to prepare and respond to drought and water security risks. As noted in the Advisory Report, decisive action is needed to address gaps in statewide water governance to assist families and communities dealing with water insecurity today and others at high-risk. The Bipartisan Drought Relief and Water Security package strives to address these issues in a coordinated manner.

Throughout, the package also strives to help Oregon capitalize on the immense amount of federal funds ready to flow to states that are adequately prepared with well-coordinated plans, programs, and matching funds. Opportunities include tapping into the largest investment in water the federal government has ever made, with billions of dollars allocated water infrastructure programs through the Infrastructure Investment and Jobs Act.

We look forward to continuing to work with colleagues and communities across Oregon to refine the proposals that follow. With your partnership, the Bipartisan Drought Relief and Water Security package can foster a drastically more secure water future for farms, fish, and families across Oregon.

Sincerely,

A handwritten signature in black ink, appearing to read "Ken Helm".

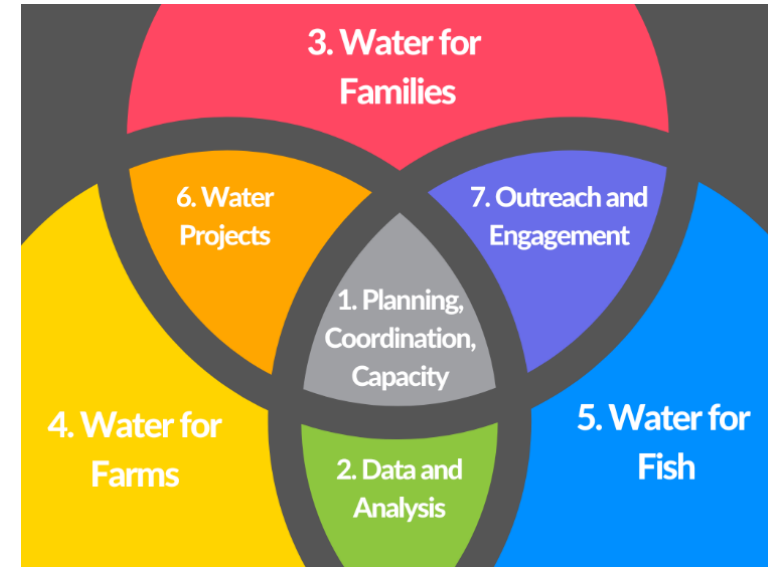
Representative Ken Helm, Chair  
House Committee on Agriculture, Land Use, Natural Resources, and Water  
Oregon State Legislature

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Representative Mark Owens (R), Vice-Chair  
House Committee on Agriculture, Land Use, Natural Resources, and Water  
Oregon State Legislature

## 1. Planning, Coordination, and Capacity

A more proactive approach to ensure long term resilience and a sustainable water future for Oregon will require greater investment and strategic direction to improve water resource planning and coordination. Currently, Oregon's administrative framework is fragmented and lacks adequate water planning leadership. Relevant information is collected by multiple agencies with different purposes and is not always shared between agencies and interested parties. Oregon must create a formal plan and coordination framework supporting regional planning needs. Notably, a focus on planning and coordination can serve to further all of the Recommended Actions identified by the IWRS (see table below). Additionally, the proposed package furthers the Secretary of State's call to improve planning and coordination, support an effective planning framework, increase public engagement, and more. Relevant components of the Bipartisan Drought Relief and Water Security Package are identified in the table below.



## 1. Planning, Coordination, and Capacity

#	Component	Description	Funding and Resources	Agency POPs / Past Investments / Federal Match	Bill / Vehicle	Scale	Other Categories Supported	IWRS Recommended Actions
1-1	<b>Inter-Agency Water Coordination</b>	Funds an Inter-Agency Water Coordinator position within the Governor's office to support coordination of priority inter-agency work across agencies (supports #1-2, and #1-3, and #1-4 below)	<b>Cost: \$270,000</b>  1 position in the Governor's Office (\$270,000)		<a href="#">HB 3356</a> -or- <a href="#">HB 3124</a>	Statewide Investment with Benefits to Basins	Planning, Coordination, and Capacity; Water Projects; Water for Families; Water for Fish; Water for Farms; Data and Analysis; Outreach and Engagement	<b>All</b> - This supports all of the objectives and recommended actions  <b>6.B.</b> Improve state agency coordination
1-2	<b>Integrated Water Resources Strategy (IWRS) Update and Implementation</b>	Directs OWRD in coordination with DEQ, ODFW, ODA, OWEB to update and implement the IWRS, support inter-agency coordination, support development and implementation of place-based integrated water resources plans  Provides contract dollars for the update of the IWRS.	<b>Cost: \$970,000</b>  1 position at OWRD (\$270,000) 1 position at DEQ (\$250,000) 1 position at OWEB (\$250,000)  \$200,000 for contract funding to OWRD	OWRD POP 101 (adj) DEQ POP 125 (adj) OWEB POP 101 (adj)	<a href="#">HB 3100</a> (amndt) GRB	Statewide Investment with Benefits to Basins	Planning, Coordination, and Capacity; Water for Families; Water for Fish; Water for Farms; Data and Analysis; Outreach and Engagement	<b>All</b> - This supports all of the objectives and recommended actions  <b>6.B.</b> Improve state agency coordination  <b>13.A.</b> Fund development and implementation of Oregon's IWRS
1-3	<b>Community Funding and Agency Capacity for Place-Based Integrated Water Resources Planning</b>	Creates and appropriates funding to the Place-Based Water Planning Fund.  Directs OWRD, DEQ, ODFW, and ODA to work together to provide planning and technical assistance for development and implementation of place-based plans.	<b>Cost: \$3,850,000</b>  \$2,600,000 to support place-based planning  2 positions at OWRD (\$500,000) 1 position at DEQ (\$250,000) 1 position at ODFW (\$250,000) 1 position at ODA (\$250,000)	OWRD POP 106 (adj) DEQ POP 125 (adj) ODFW POP 107 (adj)	<a href="#">HB 3163</a> (amndt)	Statewide Investment with Benefits to Basins	Planning, Coordination, and Capacity; Water for Families; Water for Fish; Water for Farms; Data and Analysis; Outreach and Engagement;	<b>All</b> - This supports all of the objectives and recommended actions  <b>9.A</b> Continue to undertake place-based integrated water resources planning

#	Component	Description	Funding and Resources	Agency POPs / Past Investments / Federal Match	Bill / Vehicle	Scale	Other Categories Supported	IWRS Recommended Actions
1-4	<p><b>Continuation of the Tribal Water Task Force</b></p> <p><b>OWRD Tribal Liaison</b></p> <p><b>Increasing Tribal Capacity to Engage on Water</b></p>	<p>Provides funding to continue facilitation of the Tribal Water Task Force.</p> <p>Provides funding for a tribal liaison at OWRD.</p> <p>Provides funding to distribute as grants to tribes participating in the Tribal Water Task Force and support inter-tribal coordination capacity</p>	<p><b>Cost: \$1,350,000</b></p> <p>\$100,000 to PSU-Oregon Consensus 1 position at OWRD (\$250,000)</p> <p>\$1,000,000 to PSU-Center for Public Service to distribute as capacity grants to tribes and use for inter-tribal coordination capacity</p> <p>Discussions ongoing regarding additional funding for LCIS</p>	<p>OWRD POP 112 (adj)</p> <p>Re-appropriates and builds on RJC funding from 2021.</p>	<a href="#">HB 3124</a>	Statewide Investment with Benefits to Tribes	<p>Planning, Coordination, and Capacity;</p> <p>Water for Families;</p> <p>Water for Fish;</p> <p>Water for Farms;</p> <p>Data and Analysis;</p> <p>Outreach and Engagement;</p>	<p><b>9.C</b> Partner with federal agencies, tribes, and neighboring states in long-term water management</p>
1-5	<b>Building Community Capacity for Environmental Justice Communities to Engage on Water</b>	Directs UO to distribute small grants for capacity building, education, and outreach around water in environmental justice communities	<p><b>Cost: \$1,500,000</b></p> <p>\$1,500,000 to UO to distribute as capacity-building grants to community-based organizations</p>	Re-appropriates and builds on RJC funding from 2021.	<a href="#">HB 3124</a>	Statewide Investment with Benefits to Basins	<p>Planning, Coordination, and Capacity;</p> <p>Water for Families;</p> <p>Water for Fish;</p> <p>Water for Farms;</p> <p>Data and Analysis;</p> <p>Outreach and Engagement</p>	<p><b>8.C</b> Promote community education and training opportunities</p>
1-6	<b>Targeted Investment: Confederated Tribes of the Umatilla Indian Reservation Water Rights Settlement</b>	Provides funding to OWRD for settlement of Confederated Tribes of the Umatilla Indian Reservation to facilitate the water rights settlement.	<p><b>Cost: \$1,500,000</b></p> <p>\$1,500,000 to OWRD</p>	OWRD POP 115 (adj)	GRB	Regional Investment	<p>Planning, Coordination, and Capacity;</p> <p>Water for Families;</p> <p>Water for Fish;</p> <p>Water for Farms;</p> <p>Data and Analysis;</p> <p>Outreach and Engagement</p>	<p><b>9.C</b> Partner with federal agencies, tribes, and neighboring states in long-term water management</p>

#	Component	Description	Funding and Resources	Agency POPs / Past Investments / Federal Match	Bill / Vehicle	Scale	Other Categories Supported	IWRS Recommended Actions
1-7	<b>Targeted Investment: Harney Basin Wetland Collaborative Implementation</b>	Provides funding for continued implementation of projects identified in the approved Harney Basin Wetland Collaborative Strategic Action Plan	<b>Cost: \$2,000,000</b>  \$2,000,000 to High Desert Partnership	Leverages federal funding	<a href="#">HB 3222</a>	Basin-Specific (Harney Basin/ Harney County)	Planning, Coordination, and Capacity; Data and Analysis; Outreach and Engagement; Water for Fish; Water for Farms	<b>11.A</b> Improve watershed health, resiliency, and capacity for natural storage
1-8	<b>Targeted Investment: Initiating a Collaborative Approach to Water Management in the Chewaucan River/Lake Abert Watershed</b>	Provides funding to support initiation of a collaborative and inclusive process in the Chewaucan River/Lake Abert Watershed, including funding for facilitation, data collection, staff capacity, and partner capacity.	<b>Cost: \$2,280,000</b>  \$200,000 to PSU- Oregon Consensus for facilitation \$150,000 to OSU- Institute for Natural Resources for facilitation support \$1,500,000 to OWRD to support the collaborative \$230,000 to ODFW to support the collaborative \$200,000 to relevant entity for partner capacity	OWRD POP 115 (adj) OWRD POP 118 (adj)	<a href="#">HB 3099</a> (amndt)	Basin-Specific (Chewaucan Basin/Lake County)	Planning, Coordination, and Capacity; Data and Analysis; Outreach and Engagement; Water Projects; Water for Families; Water for Fish; Water for Farms	<b>1.B</b> Improve water resource data collection and monitoring <b>9.C</b> Partner with federal agencies, tribes, and neighboring states in long-term water management <b>13.C</b> Invest in local or regional water planning efforts

#	Component	Description	Funding and Resources	Agency POPs / Past Investments / Federal Match	Bill / Vehicle	Scale	Other Categories Supported	IWRS Recommended Actions
1-9	<b>Targeted Investment: Implementation of Place-Based Actions to Increase Drought Resilience for Instream and Out-of-Stream Water Needs</b>	Provides funding to places developing or implementing state-supported place-based water plans to support coordination of collaborative processes, collect data in partnership with state agencies, or implement projects identified in state-recognized plans that increase drought resiliency of instream and out-of-stream water needs.	<b>Cost: \$1,000,000</b> \$250,000 to Union County \$250,000 to Seal Rock Water District \$250,000 to Harney County Watershed Council \$250,000 to Gilliam County SWCD	Tied to agency capacity funding in #1-3	<a href="#">HB 3124</a>	Basin-Specific (Upper Grande Ronde Sub-Basin/Union County; Mid-Coast Watersheds/ Lincoln County Harney Basin; Harney County Lower John Day Basin; Gilliam, Wheeler, Sherman Counties)	Planning, Coordination, and Capacity; Water for Families; Water for Fish; Water for Farms; Data and Analysis; Outreach and Engagement	<b>9.A</b> Continue to undertake place-based integrated water resources planning <b>9.C</b> Partner with federal agencies, tribes, and neighboring states in long-term water management
1-10	<b>Targeted Investment: Development of a Deschutes Basin Integrated Water Plan</b>	Provides funding for continued development of an Integrated Water Plan in the Deschutes Basin	<b>Cost: \$250,000</b> \$250,000 to the Deschutes River Conservancy	Tied to agency capacity funding in #1-3	<a href="#">HB 3124</a>	Basin Specific (Deschutes Basin/Crook, Deschutes, Jefferson Counties)	Planning, Coordination, and Capacity; Water for Families; Water for Fish; Water for Farms; Data and Analysis; Outreach and Engagement	<b>9.A</b> Continue to undertake place-based integrated water resources planning <b>9.C</b> Partner with federal agencies, tribes, and neighboring states in long-term water management

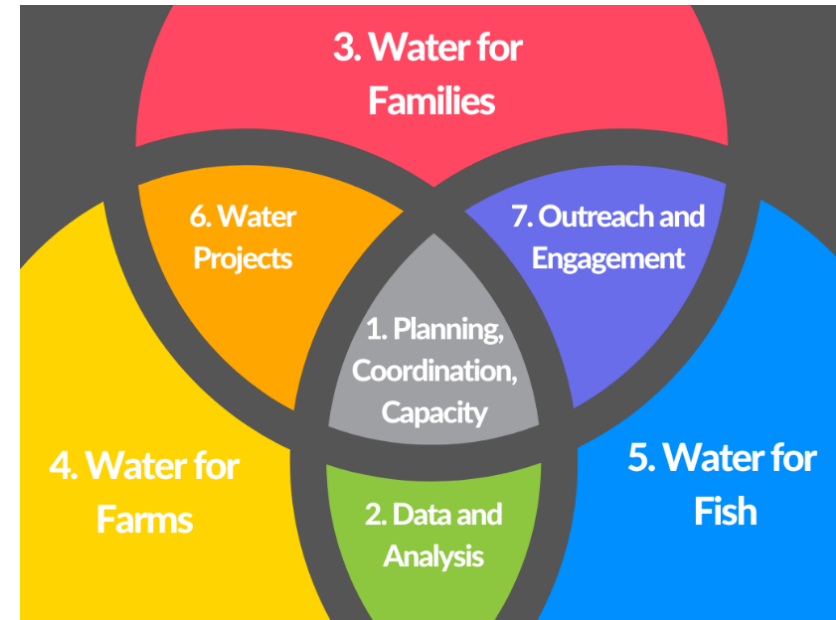
#	Component	Description	Funding and Resources	Agency POPs / Past Investments / Federal Match	Bill / Vehicle	Scale	Other Categories Supported	IWRS Recommended Actions
1-11	<b>Targeted Investment: State Support for Implementation of the Walla Walla Water 2050 Strategic Plan</b>	Provides funding to match Washington State funding to implement actions in the Walla Walla Water 2050 Strategic Plan.	<b>Cost: TBD</b>  1 position for OWRD (\$250,000)  Other funding TBD	OWRD GRB POP 115 (adj)  Tied to agency capacity funding in #1-3	<a href="#">SB 956</a>	Basin Specific (Walla Walla River Sub-Basin/ Umatilla County)	Planning, Coordination, and Capacity; Water for Families; Water for Fish; Water for Farms; Data and Analysis; Outreach and Engagement; Water Projects	<b>9.A</b> Continue to undertake place-based integrated water resources planning <b>9.C</b> Partner with federal agencies, tribes, and neighboring states in long-term water management
1-12	<b>Targeted Investment: Piloting Voluntary Groundwater Agreements in the Harney Basin</b>	Directs OWRD to work on development of a voluntary agreement for the Harney Basin.	<b>Cost: \$577,000</b>  1 position for OWRD (\$250,000) \$327,000 for contract dollars and funding for DOJ		<a href="#">HB 3130</a>	Basin Specific (Harney Basin/ Harney County)	Planning, Coordination, and Capacity; Water for Farms; Data and Analysis; Outreach and Engagement;	<b>13.C</b> Invest in local or regional water planning efforts
1-13	<b>Emergency Response / Recovery Program Continuity</b>	Funding and position authority for OWEB to maintain staff capacity to administer relevant drought relief programs.	<b>Cost: TBD</b>  To be discussed with agency upon review of full package.	OWEB POP 150 (adj)	<a href="#">HB 3124</a>	Statewide Investment with Benefits to Basins	Water for Farms; Water for Fish; Water Projects	<b>13.B</b> Fund water resources management activities at state agencies
1-14	<b>Core Agency Responsibilities: Increasing OWRD Field Staff Capacity</b>	Provides funding to OWRD to increase presence in the field.	<b>Cost: TBD</b>  Will discuss with agency upon review of full package.	OWRD POP 114 (adj)	<a href="#">HB 3124</a>	Statewide Investment	Planning, Coordination, and Capacity; Water for Families; Water for Fish; Water for Farms	<b>10.F</b> Provide an adequate presence in the field



#	Component	Description	Funding and Resources	Agency POPs / Past Investments / Federal Match	Bill / Vehicle	Scale	Other Categories Supported	IWRS Recommended Actions
1-15	<b>Core Agency Responsibilities: Increasing Capacity to Support Water Rights Permitting</b>	Provides funding for OWRD, ODFW, and DEQ to increase capacity to support water rights permitting and improve inter-agency coordination. This will allow for more timely processing of fish persistence requirements for municipal water rights applications. Includes funding for ODFW review and scenic waterway revenue gaps.	<b>Cost: TBD</b>  OWRD ODFW  Will discuss with agencies upon review of full package.	OWRD POP 103 (adj) ODFW POP 107 (adj)	<a href="#">HB 3124</a>	Statewide Investment	Planning, Coordination, and Capacity; <b>Water for Families;</b> <b>Water for Fish;</b> <b>Water for Farms</b>	<b>10.G</b> Strengthen water quantity and water quality permitting programs <b>13.B</b> Fund water resources management activities at state agencies
1-16	<b>Core Agency Responsibilities: Water Rights and Protest Backlog Reduction</b>	Provides funding to reduce water rights and protest backlogs, including funding for OAH, and for OWRD and ODFW staff and legal expenses.	<b>Cost: TBD</b>  OWRD ODFW OAH  Will discuss with agencies upon review of full package.	OWRD POP 108 (adj)  Builds on the 2021 water investment.	<a href="#">HB 3346</a> -or- <a href="#">HB 3124</a>	Statewide Investment	Planning, Coordination, and Capacity; <b>Water for Families;</b> <b>Water for Fish;</b> <b>Water for Farms;</b>	<b>10.G</b> Strengthen water quantity and water quality permitting programs <b>13.B</b> Fund water resources management activities at state agencies
1-17	<b>Core Agency Responsibilities: Supporting Watershed Restoration Efforts</b>	Provides funding to DEQ to support development and implementation of TMDLs. Provides funding to ODA to provide additional capacity to ODA's Agricultural Water Quality Program to improve compliance response and work with agricultural landowners and operators to enhance collaborative efforts.	<b>Cost: TBD</b>  DEQ ODA  Will discuss with agencies upon review of full package.	DEQ POP 124 (adj) ODA POP 320 (adj)	<a href="#">HB 3124</a>	Statewide Investment	<b>Water for Families;</b> <b>Water for Fish;</b> <b>Water for Farms;</b>	<b>10.G</b> Strengthen water quantity and water quality permitting programs <b>13.B</b> Fund water resources management activities at state agencies

## 2. Data and Analysis

As the 2016 Policy Advisory Group for the Integrated Water Resources Strategy stated: “Water is a finite resource with growing demands; water scarcity is a reality in Oregon. Water-related decisions should rest on a thorough analysis of supply, the demand/need for water, the potential for increasing efficiencies and conservation, and alternate ways to meet these demands.” Adequate availability and quality of water data is essential to informed decision-making and sustainable resource management. Knowledge gaps can lead to significant consequences, including over-appropriation of surface and groundwater resources, lack of preparation in the face of droughts and floods, and limited understanding of the extent of groundwater pollutants. Without support, key agencies will not have the resources to collect the necessary data to aid in water planning and management. Data is recurrently a broadly supported area for investment. The importance is highlighted by the IWRS, Task Force report, and Advisory Report, which unanimously call for increased support for water data and analysis. Relevant components of the Bipartisan Drought Relief and Water Security Package are identified in the table below.



## 2. Data and Analysis

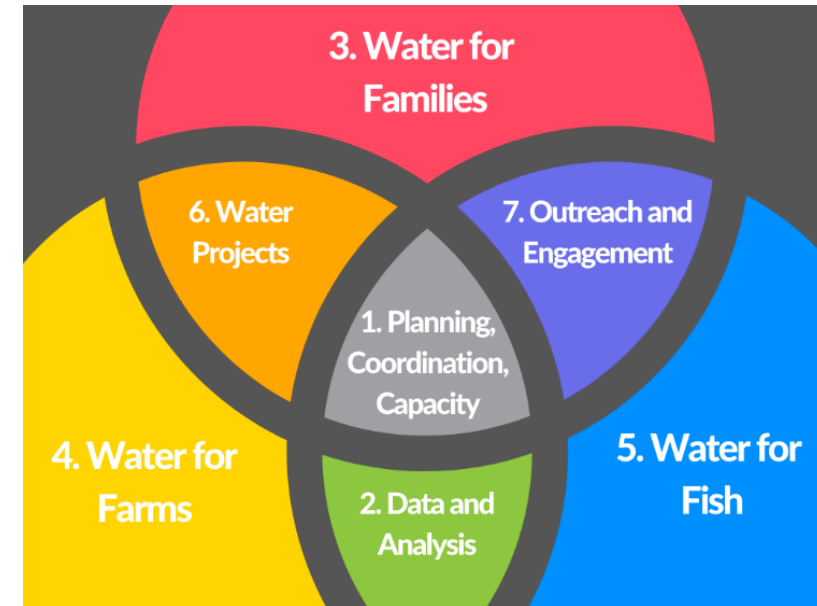
#	Component	Description	Funding and Resources	Agency POPs / Past Investments / Federal Match	Bill / Vehicle	Scale	Other Categories Supported	IWRS Recommended Actions
2-1	<p><b>State of Water Resources Report and Basin Assessments</b></p> <p><b>Water Availability and Allocation Tool</b></p> <p><b>Evaluation of Basin Planning and Management</b></p>	<p>Direct the Department to develop a State of Water Resources Report and Basin Assessments describing current water supply and demand, and to update the report and assessments every 8 years consistent with the update to the IWRS. Require an interim report by 12/31/24.</p> <p>Require the Department to develop a Water Availability and Allocation Tool, and to update it every 16 years and develop a plan to ground-truth the tool (this is an update to the Water Availability Reporting System).</p> <p>Direct the Legislative Policy and Research Office to evaluate and make recommendations to improve basin planning and management.</p>	<p><b>Cost: TBD</b></p> <p>OWRD positions and/or contracting – TBD</p>	<p>OWRD POP 111 (adj) OWRD POP 109 (adj)</p> <p>Funds a 1998 proposal referred to as the Water Supply and Stewardship Initiative and provides necessary technical information for the IWRS, place-based planning, updates to basin plans and program rules, and Department allocation decisions.</p>	<p><a href="#">HB 3368</a> (amndt) -or- <a href="#">HB 3124</a></p>	<p>Statewide Investment with Benefits to Basins</p>	<p>Data and Analysis; Water Projects; Water for Families; Water for Fish; Water for Farms; Planning, Coordination, and Capacity; Outreach and Engagement</p>	<p><b>Objective 1:</b> Understand water resources today</p> <p><b>Objective 2:</b> Understand instream and out-of-stream needs</p> <p><b>Objective 3:</b> Understand the coming pressures that affect our needs and supplies</p>
2-2	<b>Oregon Water Data Portal Development</b>	<p>Provide funding to DEQ to implement Stage 2 of the Oregon Water Data Portal as described in the report to the Legislature. This is a multi-biennia project to improve water-related datasets at individual agencies, improve inter-agency coordination around water data, and make the data more accessible through a central water data portal. Initial scoping as been completed and the second and third stage (covering two biennia) have been scoped.</p>	<p><b>Cost: \$2,251,846</b></p> <p>5 DEQ positions (\$1,126,846) \$1,000,000 for contract services \$125,000 for software systems and hosting \$250,000 limitation to receive federal funds</p>	<p>DEQ ARB POP 160</p> <p>Builds on the 2021 water investment.</p>	<p><a href="#">HB 3124</a></p>	<p>Statewide Investment with Benefits to Basins</p>	<p>Data and Analysis; Water Projects; Water for Families; Water for Fish; Water for Farms; Planning, Coordination, and Capacity; Outreach and Engagement</p>	<p><b>1.C</b> Coordinate inter-agency data collection, processing, and use in decision-making</p>

#	Component	Description	Funding and Resources	Agency POPs / Past Investments / Federal Match	Bill / Vehicle	Scale	Other Categories Supported	IWRS Recommended Actions
2-3	User Testing of the Oregon's Water Map Explorer and Water Data Portal Outreach	Provide funding to OSU-INR to conduct user testing of an existing <a href="#">water map explorer</a> to inform continued development of the Oregon Water Data Portal.	Cost: \$300,000	Builds on water investments made in 2019 and 2021 water investment and integrates with 2-2 above.	<a href="#">HB 3124</a>	Statewide Investment with Benefits to Basins	Data and Analysis; Planning, Coordination, and Capacity; Outreach and Engagement	1.C Coordinate inter-agency data collection, processing, and use in decision-making
2-4	Increasing Water Use Measurement and Reporting	There is a subset of permit conditions that requires water users to measure water use. Provide permissive statutory authority for OWRD to request reporting of water use in cases where water use measurement is already required.	No fiscal impact		<a href="#">HB 3124</a>	Statewide	Data and Analysis	2.B Improve water use measurement and reporting
2-5	State Climatologist	Provide stable funding to OSU for Oregon's State Climatologist.	Cost: \$250,000 State portion	Builds on a previous investment in the 2021 drought package that provided funding for the state climatologist position.	<a href="#">HB 3124</a>	Statewide Investment with Benefits to Basins	Data and Analysis; Water Projects; Water for Families; Water for Fish; Water for Farms; Planning, Coordination, and Capacity; Outreach and Engagement	5.A Support continued basin-scale climate change research efforts 5.B Assist with climate change adaptation and resiliency strategies
2-6	Statewide Streamflow and Stream Temperature Monitoring  Instream Flow Studies  Coldwater Refugia Project	Provide funding to ODFW for ongoing operations and maintenance of stream gauges funded in the 2021 drought package and a position to oversee implementation of a program to monitor and assess stream temperature statewide.  Provide funding to ODFW to increase capacity to conduct instream flow studies to quantify water needs of fish.  Provide funding to ODFW to continue work on coldwater refugia.	Cost: \$1,562,984  \$750,000 for O&M of stream gauges  2 ODFW positions (\$630,452) 3 ODFW positions (\$182,532)	ODFW POP 107 (adj) ODFW POP 110  Builds on previous investments from the 2022 drought package.	<a href="#">HB 3124</a>	Statewide Investment with Benefits to Basins	Data and Analysis; Planning, Coordination, and Capacity; Water for Fish	1.B Improve water resource data collection and monitoring 3.A Determine flows needed (quality and quantity) to support instream needs

#	Component	Description	Funding and Resources	Agency POPs / Past Investments / Federal Match	Bill / Vehicle	Scale	Other Categories Supported	IWRS Recommended Actions
2-7	Statewide Stream and Groundwater Monitoring	Provide funding to OWRD for the purchase and deployment of surface and ground water data collection equipment and to support groundwater investigations.	<b>Cost: \$1,000,000</b> \$1,000,000 to OWRD for equipment and contracts	Builds on the 2021 water investment which invested in stream and groundwater monitoring.	<a href="#">HB 3124</a>	Statewide Investment with Benefits to Basins	Data and Analysis; Planning, Coordination, and Capacity; Water for Families; Water for Fish; Water for Farms	<b>1.A.</b> Conduct additional groundwater investigations <b>1.B</b> Improve water resource data collection and monitoring
2-8	Statewide Mapping of Water Resources and Mineral Resource Potential	Provide funding to DOGAMI for geologic mapping to understand the conservation and sustainability of water, and collection of lidar for natural resources management and planning.	<b>Cost: \$952,743</b> ~5 DOGAMI positions (\$952,743)	DOGAMI POP 102 Federal match (\$92,743)	<a href="#">HB 3124</a>	Statewide Investment with Benefits to Basins	Data and Analysis; Water for Families; Water for Fish; Water for Farms; Outreach and Engagement	<b>1.B</b> Improve water resource data collection and monitoring
2-9	Assessing Post-Fire Debris Flow Risks	Provide funding to DOGAMI to perform hazard mapping and risk analysis in portions of the state susceptible to debris flows and wildfires.	<b>Cost: \$520,443</b> ~2 DOGAMI positions (\$500,000)	DOGAMI POP 103 Federal match (\$92,743)	<a href="#">HB 3124</a>	Statewide Investment with Benefits to Basins	Data and Analysis; Planning, Coordination, and Capacity	<b>5.B</b> Assist with climate change adaptation and resiliency strategies

### 3. Water for Families – Drinking Water Security

Many Oregon communities are struggling with water insecurity and access to clean, safe drinking water. For example, some aquifers contain saline water, while others are experiencing nitrate contamination. Additionally, more than 1,530 surface water bodies are not meeting water quality standards. Temperature, sedimentation, and nutrients are common pollutants that impact Oregon’s surface water. Diminished water quality increases treatment costs and limits access to clean water for drinking, agriculture, recreation, and habitat. In addition, water quality is at increasing risk in the face of climate change, drought, overallocation, and pollution. As noted by the IWRS, Task Force, and Advisory Report, Oregon must improve its capacity to protect and enhance water quality, and a multifaceted approach will be necessary to accomplish water security. In particular, this package will help address IWRS Recommended Action 12.A, Ensure the Safety of Oregon’s Drinking Water. Relevant components of the Bipartisan Drought Relief and Water Security Package are identified in the table below.



### 3. Water for Families – Drinking Water Security

#	Component	Description	Funding and Resources	Agency POPs / Past Investments / Federal Match	Bill / Vehicle	Scale	Other Categories Supported	IWRS Recommended Actions
3-1	CWSRF Loan Eligibility	Broadens the definitions of ‘public agency’ and ‘treatment works’ for purposes of eligibility for financial assistance from the Water Pollution Control Fund and expand the state policy supporting public agencies in transitioning from reliance on federal grants to local fee-based self-sufficiency by including additional public agencies.	No fiscal impact	NA  This component will broaden eligibility for federal investments.	<a href="#">HB 3195</a>	Statewide Investment with Benefits to Basins	Water for Families; Planning, Coordination, and Capacity; Water Projects; Water for Fish	
3-2	Drinking Water Source Protection Fund	Establishes a Drinking Water Source Protection Fund at OWEB to help protect, enhance, and/or restore source drinking water areas and provides \$5,000,000 funding.	<b>Cost: \$5,000,000</b>  \$5,000,000 OWEB to establish a grant program	NA  This component will provide state match for federal investments.	<a href="#">HB 2813</a> (amndt)	Statewide Investment with Benefits to Basins	Water for Families; Planning, Coordination, and Capacity; Water Projects; Water for Fish	<b>12.A</b> Ensure the safety of Oregon’s drinking water
3-3	Assessing and Addressing Vulnerabilities of Small and Very Small Community Water Systems	Provides funding to the Oregon Association of Water Utilities to conduct a study of the vulnerabilities of small community water systems, construct a training facility, and hire three positions to provide training and technical assistance to address known vulnerabilities of small community water systems, including providing financial technical assistance.	<b>Cost: \$2,500,000</b>  \$2,500,000 OWEB to establish a grant program	OWRD POP 109 (adj)  This component will provide planning and technical assistance to improve access to federal funding.	<a href="#">HB 3321</a> (amndt)	Statewide Investment with Benefits to Water and Wastewater Systems	Water for Families; Planning, Coordination, and Capacity	<b>12.A</b> Ensure the safety of Oregon’s drinking water
3-4	Domestic and Community Well Assistance	Deposits funding into the Water Well Repair, Replacement and Abandonment Fund and clarifies that this funding can be used for small community water systems. Provides a position to support grant administration and outreach.	<b>Cost: \$4,256,857</b>  1 permanent OWRD position (\$256,857)	OWRD POP 107 (adj)  Builds on the 2021 water investment, 2021 drought package, 2022 drought package, and needs identified by counties.	GRB <a href="#">HB 3124</a>	Statewide Investment with Benefits to Basins	Water for Families; Planning, Coordination, and Capacity; Water Projects	<b>7.A</b> Develop and upgrade water and wastewater infrastructure

#	Component	Description	Funding and Resources	Agency POPs / Past Investments / Federal Match	Bill / Vehicle	Scale	Other Categories Supported	IWRS Recommended Actions
3-5	<b>Groundwater Quality Monitoring and Action (DEQ, OHA, OSU)</b>	<p>Direct OHA, DEQ, and OSU to work together to explore ways to 1) increase the frequency of reported groundwater quality results required under ORS 448.271, 2) facilitate voluntary reporting of groundwater quality data, and 3) improve access to and sharing of groundwater quality data in a way that complies with confidentiality requirements and other state and federal laws.</p> <p>Direct OHA, DEQ, ODA, and OSU to work together to support domestic well safety through 1) well testing, 2) education and outreach, 3) distribution and installation of water treatment devices in areas with groundwater quality concerns, 4) evaluation of groundwater policies (ORS 468B.150 to 468B.190).</p> <p>Require a report to the legislature describing ways to improve groundwater quality monitoring, policies, and activities to protect the health of Oregonians.</p>	<p><b>Cost: \$4,572,557</b></p> <p>3 permanent DEQ positions (\$600,000)  \$95,000 to DEQ for supplies and services  \$350,000 to DEQ for 3 year OSU Post-Doc  1 permanent OHA position (\$252,557)  \$2,000,000 to OHA for water treatment devices  1 permanent ODA position (\$300,000)  \$1,000,000 to OSU for extension, education, outreach, and community support  \$275,000 to DEQ to contract for an evaluation of groundwater protection policies (ORS 468B.150 to 468B.190)</p>	<p>DEQ POP 126 (adj)  DEQ POP 128 (adj)  OHA GRB POP 342</p>	<p>GRB  <a href="#">HB 3124</a></p>	<p>Statewide Investment with Benefits to Basins</p>	<p>Water for Families; Planning, Coordination, and Capacity; Data and Analysis; Water Projects; Outreach and Engagement</p>	<p><b>1.B</b> Improve water resource data collection and monitoring  <b>12.A</b> Ensure the safety of Oregon’s drinking water  <b>12.B</b> Reduce the use of and exposure to toxics and other pollutants</p>
3-6	<b>Targeted Investment: Emergency Response to Groundwater Quality Concerns in Umatilla and Morrow County</b>	<p>Provide capacity funding directly to Umatilla County, Morrow County, and Oregon Rural Action to continue coordinating an emergency response. Direct Morrow and Umatilla Counties to contract for a study of opportunities and associated cost and feasibility considerations to connect individual households to new or existing community water systems.</p>	<p><b>Cost: \$1,250,000</b></p> <p>\$500,000 to Umatilla County  \$500,000 to Morrow County  \$250,000 to Oregon Rural Action</p>	<p>DEQ ARB POP 126 (adj)</p>	<p><a href="#">HB 3124</a></p>	<p>Basin-Specific (Umatilla Basin/ Umatilla and Morrow Counties)</p>	<p>Water for Families; Planning, Coordination, and Capacity; Data and Analysis; Water Projects; Outreach and Engagement</p>	<p><b>12.A</b> Ensure the safety of Oregon’s drinking water  <b>12.B</b> Reduce the use of and exposure to toxics and other pollutants</p>

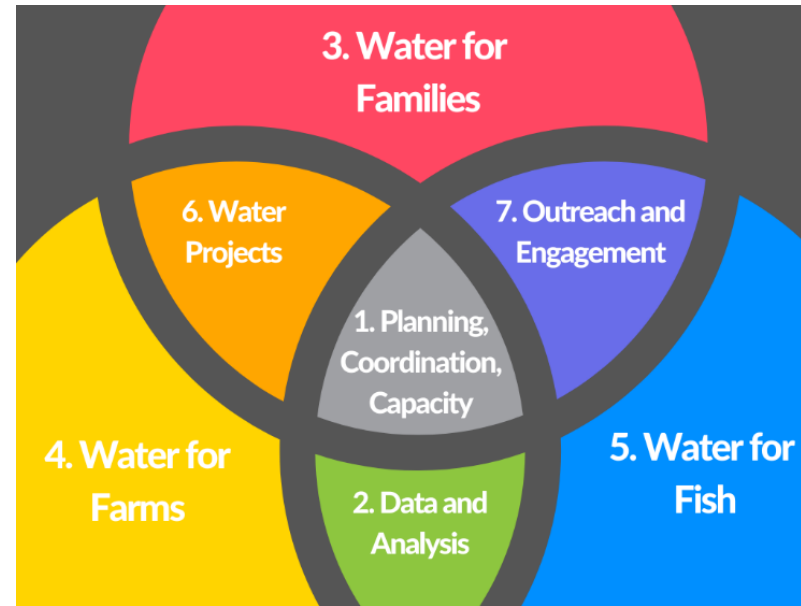


#	Component	Description	Funding and Resources	Agency POPs / Past Investments / Federal Match	Bill / Vehicle	Scale	Other Categories Supported	IWRS Recommended Actions
3-7	<b>Financial Assistance for Water Utility Best Practices</b>	Directs Business Oregon to establish a program or contract with an outside organization that works with communities (including unincorporated communities) to award grants to small communities/utilities to complete: a) rate studies, b) water conservation and curtailment plans, c) integrated water management plans/one water plans, d) water conservation programs and outreach materials, d) education and training, e) audits, f) studies to assess opportunities for system interconnections or consolidation/ regionalization of systems; f) capital improvement plans.	<b>Cost: \$2,000,000</b>  \$2,000,000 to Business Oregon to establish a grant program	NA  Can be used as cost-share for federal funding opportunities or help small systems prepare to apply for federal funds. Will provide planning assistance to improve access to federal funding.	<a href="#">HB 3124</a>	Statewide Investment with Benefits to Water and Wastewater Systems	<b>Water for Families;</b> Planning, Coordination, and Capacity; <b>Water Projects;</b> <b>Outreach and Engagement</b>	<b>12.A</b> Ensure the safety of Oregon's drinking water
3-8	<b>Water/Sewer Low-Income Ratepayer Assistance</b>	Directs LPRO to consult with relevant stakeholders and identify, evaluate, and recommend options for an assistance fund for low-income ratepayers of public drinking water/sewer services.	<b>Cost: TBD</b>	NA  Will identify opportunities to leverage federal funds.	<a href="#">HB 3125</a> -and- <a href="#">HB 3124</a>	Statewide Investment with Benefits to Water and Wastewater Systems	<b>Water for Families;</b> Planning, Coordination, and Capacity	
3-9	<b>Funding for Advanced Metering Infrastructure</b>	Deposits funds into the Water Supply Development Account to match federal funding obtained for evaluation, planning, implementation, procurement, or deployment of advanced metering infrastructure upgrades.	<b>Cost: TBD</b> Depending on federal match opportunities  Deposit funds into Water Supply Development Account	Can be used as cost-share for federal funding opportunities	<a href="#">HB 3124</a>	Statewide Investment with Benefits to Basins	<b>Water for Families;</b> <b>Data and Analysis;</b> <b>Water Projects;</b> <b>Water for Farms;</b> Planning, Coordination, and Capacity	<b>2.B</b> Improve water use measurement and reporting
3-10	<b>Addressing Emerging Contaminants of Concern</b>  <b>Perfluoroalkyl and polyfluoroalkyl substances (PFAS)</b>  <b>Harmful Algal Blooms (HABs)</b>	Provide resources to study and address emerging contaminants of concerns (as reflected in bills).	<b>Cost: TBD</b>	DEQ POP 126 (adj)	<a href="#">HB 3123</a> / <a href="#">SB 1001</a>  <a href="#">HB 2647</a>	Statewide Investment	<b>Data and Analysis;</b> <b>Water for Families;</b> Planning, Coordination, and Capacity	<b>12.B</b> Reduce the use of and exposure to toxics and other pollutants

#	Component	Description	Funding and Resources	Agency POPs / Past Investments / Federal Match	Bill / Vehicle	Scale	Other Categories Supported	IWRS Recommended Actions
3-11	Wastewater Permitting and Inspections	Provides funding to DEQ to support the wastewater permitting program and onsite septic system permitting.	<p><b>Cost: TBD</b></p> <p>Further discussion with agencies upon review of full package.</p>	<p>DEQ ARB POP 121 (adj)</p> <p>DEQ ARB POP 123 (adj)</p>	<p><a href="#">HB 3208</a></p> <p><a href="#">HB 3124</a></p>	Statewide Investment	Water for Families; Planning, Coordination, and Capacity	<p><b>12.A</b> Ensure the safety of Oregon's drinking water</p> <p><b>13.B</b> Fund water resources management activities at state agencies</p>

#### 4. Water for Farms – Agricultural Resilience and Food Security

Oregon’s agricultural industry grows and produces approximately 240 agricultural products and contributes over \$8 billion to our economy annually. Most of these products require reliable water supplies, often delivered by irrigation districts and other agricultural water suppliers. Oregon agriculture provides food worldwide and greatly contributes to Oregon’s economy. However, in the face of increasing water scarcity and other pressures, investment in water availability and efficiency is imperative. This package would fill substantial gaps in that necessary assistance, as well as critical recommended action under the IWRS. Relevant components of the Bipartisan Drought Relief and Water Security Package are identified in the table below.



#### 4. Water for Farms – Agricultural Resilience and Food Security

#	Component	Description	Funding and Resources	Relevant POPs / Past Investments / Federal Match	Bill / Vehicle	Scale	Other Categories Supported	IWRS Recommended Actions
4-1	<b>Protecting Producers Against Losses Due to Drought</b>	ODA to establish a cost-share program to incentivize the utilization of offerings under USDA’s risk management agency, such as crop/livestock insurance, protecting producers against losses and pulling down more funding from existing federal programs.	<b>Cost: \$10,000,000</b> plus ODA fiscal for admin support/coordinator		<a href="#">HB 3124</a>	Statewide	Water for Farms	The IWRS does not have specific actions related to emergency response/drought relief
4-2	<b>Safety Net Resources for Disaster Relief of Producers and Irrigation District</b>	Set aside funds at E-Board in case of emergency drought relief needs, for direct payments to producers and irrigation districts. Funds to irrigation districts would be based on assessed acres impacted by drought, and may be used to offset/credit patron assessments to districts in severely drought impacted areas, with reference to the US Drought Monitor rating to determine severity (severe, extreme, exceptional).	<b>Cost: \$10,000,000</b> allocation for Emergency Board Special Purpose Appropriation	This builds on past emergency relief for producers, such as through the Oregon Disaster Relief Program and direct assistance to irrigation districts and patrons impacted by drought.	<a href="#">HB 3124</a>	Statewide	Water for Farms	The IWRS does not have specific actions related to emergency response/drought relief
4-3	<b>Safety Net Resources for Disaster Relief of Agricultural Workers</b>	Set aside funds at E-Board in case of emergency drought relief needs, for direct payments to agricultural workers who miss work due to drought-related issues such as heat or smoke.	<b>Cost: \$10,000,000</b> allocation for Emergency Board Special Purpose Appropriation	Builds on 2021 2nd Special Session which allocated \$10,000,000 for this purpose.	<a href="#">HB 3124</a>	Statewide Investment with Benefits to Agricultural Workers	Water for Farms; Water for Families	The IWRS does not have specific actions related to emergency response/drought relief
4-4	<b>Increasing Capacity to Process Water Rights for Districts</b>	Allows for individuals with qualifying experience the ability to apply for certification as a water rights examiners and increases capacity to prepare district related water rights transactions and transfers.	No fiscal impact		<a href="#">HB 3187</a> (amdnt)	Benefits to Irrigation Districts	Water for Farms	<b>8.C:</b> Promote community education and training opportunities

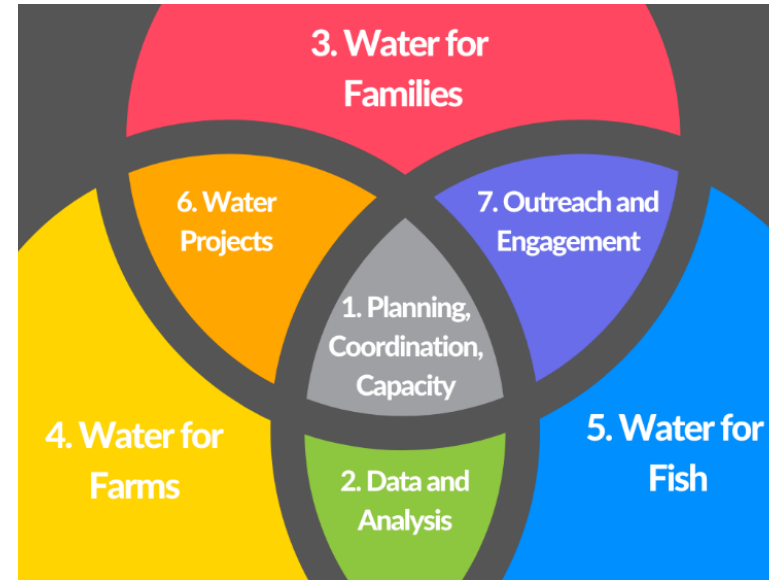
#	Component	Description	Funding and Resources	Relevant POPs / Past Investments / Federal Match	Bill / Vehicle	Scale	Other Categories Supported	IWRS Recommended Actions
4-5	<b>Drought Resilience and Adaptation Grants</b>	Directs ODA to provide grants to producers for drought and climate resilience and adaptation, such as for infrastructure like shade structures, cover crops, drip irrigation, and others to prevent loss from heat and drought.	<b>Cost: \$4,000,000</b> plus ODA and OWEB admin costs  \$4,000,000 to ODA for grant funding plus costs to administer	May be used to show state support for Climate Smart Agricultural grants and other related opportunities to secure federal funding.	<a href="#">HB 3124</a>	Statewide	Water for Farms	<b>5.5A</b> Plan and prepare for drought resiliency
4-6	<b>Agricultural Water Technical Assistance</b>	Creates a voluntary, non-regulatory, incentive-based irrigation water management technical assistance program within OSU extension and experiment stations. Provides funding for weather network and improvements to data of relevance to Oregon producers.	<b>Cost: \$3,600,000</b>  \$1,800,000 to OSU for positions \$1,800,000 to OSU for equipment and contracts	Builds on 2021 drought package investments made to OSU to help producers increase resilience of their operations and best practices to manage drought and extreme heat events.	<a href="#">HB 3103</a> (amdnt)	Statewide Investment with Benefits to Regions	Water for Farms; Data and Analysis; Outreach and Engagement;	<b>1.B:</b> Improve Water Resources Data Collection and Monitoring; <b>4.C:</b> Promote Strategies That Increase/Integrate Energy and Water Savings; <b>10.A:</b> Improve Water-Use Efficiency and Water Conservation
4-7	<b>Mini-Grants for Resilience/Adaptation and Relief for Small-Scale Farms and Ranches</b>	Provides direct allocation to the Oregon Community Food Systems Network (OCFSN) to provide mini-grants for resilience/adaptation of small-scale farms and ranches to provide direct relief for drought impacts to producers.	<b>Cost: \$3,000,000</b>  \$3,000,000 to OCFSN	Builds on 2021 2nd Special Session pass through funding to OCFSN to support small-scale producers with barriers to other assistance programs.	<a href="#">HB 3124</a>	Statewide Investment with Benefits to Small Farmers and Ranchers	Water for Farms; Water for Families; Water Projects	<b>5.5A</b> Plan and prepare for drought resiliency

#	Component	Description	Funding and Resources	Relevant POPs / Past Investments / Federal Match	Bill / Vehicle	Scale	Other Categories Supported	IWRS Recommended Actions
4-8	<b>Increasing Food Security</b>	<p>Provide \$2M to DAS for Oregon Farmers Market Association (OFMA) grants to nonprofit farmer’s markets to increase resilience and market access for producers and communities, as well as to mitigate impacts such as market closures or vendor cancellations due to drought-related crises.</p> <p>To increase impact of existing programs targeting food security and resilience, provide \$500k to DAS for OFMA statewide grants to nonprofit farmer’s markets to cover costs associated with accepting benefits under supplemental nutrition assistance programs, such as software, subscriptions equipment, and other needs.</p> <p>Direct \$1.2M to DAS for passthrough to OCFSN to support drought resilience through Oregon Food Hubs.</p>	<p><b>Cost: \$3,700,000</b></p> <p>\$2,000,000 to OFMA \$500,000 to OFMA \$1,200,000 to OCFSN</p>		<a href="#">HB 3124</a>	Statewide Investment with Benefits to Farmers Markets and Food Hubs	<p>Water for Farms; Water for Families; Water Projects</p>	5.5A Plan and prepare for drought resiliency
4-9	<b>Drought Resistant Crop Research and Development</b>	Support for OSU drought resistant/tolerant crop breeding program to develop drought resistant/tolerant crops and plant research facilities that permit assessment of genotypes for drought resistance/tolerance.	<p><b>Cost: \$3,600,000</b></p> <p>\$1,500,000 – \$3,600,000 to HECC for OSU</p>	Builds on 2021 2nd Special Session \$500k appropriation to HECC for OSU to provide education, marketing and technical assistance for drought-resistant crops and other purposes.	<a href="#">HB 3124</a>	Targeted Investment with Statewide Benefits	<p>Water for Farms Data and Analysis;</p>	5.5A Plan and prepare for drought resiliency

#	Component	Description	Funding and Resources	Relevant POPs / Past Investments / Federal Match	Bill / Vehicle	Scale	Other Categories Supported	IWRS Recommended Actions
4-10	Soil Health and Protection	<p>Directs Oregon Agricultural Heritage Program (OAHP) to provide financial assistance to farmers/ranchers for practices that support soil health (\$500,000) as well as technical assistance and equipment for SWCDs (\$480,000).</p> <p>Extends funding for ODA's existing Soil Health Specialist (\$272,234).</p> <p>Provides resources to OSU Extension for relevant specialist capacity (\$480,000), and OSU College of Agriculture for soil testing (\$225,000).</p> <p>Directs OWEB to provide statewide grants to SWCDs and Watershed Councils (\$3,000,000) to support stewardship practices on irrigated land at high risk for erosion and soil degradation, and to limit noxious and invasive weeds.</p>	<p><b>Cost: \$4,957,234</b></p> <p>\$3,000,000 to OWEB            \$980,000 to OAHP            1 ODA position (\$272,234)            \$705,000 to OSU</p>	Expands on 2021 2nd Special Session resources for OWEB to address soil erosion/degradation and noxious and invasive weeds; and ODA Soil Health Specialist	<a href="#">HB 2998</a> (amdnt)	Statewide Investment with Benefits to Basins	Water for Farms Data and Analysis; Outreach and Engagement;	5.5A Plan and prepare for drought resiliency 11.A Improve watershed health, resiliency, and capacity for natural storage
4-11	Grasshopper and Cricket Suppression	Extension of ODA capacity for grasshopper and cricket suppression efforts.	<b>Cost: \$3,000,000</b>	Builds on 2021 2nd Special Session \$4M funding for ODA grasshopper and cricket suppression.	<a href="#">HB 3124</a>	Statewide Investment with Basin Benefits	Water for Farms	The IWRS does not have actions related to emergency response

## 5. Water for Fish – Instream Priorities and Watershed Health

Fish and wildlife need access to clean abundant help support a healthy environment for Oregon’s ecosystem. Oregon’s wildlife, outdoor recreation, outdoor tourism, and fisheries industries play an essential role in Oregon’s economy, all of which depend on instream flows and clean water. The package below will address key challenges to watershed health and instream needs, including several key recommended actions of the IWRS and the Advisory Report. Relevant components of the Bipartisan Drought Relief and Water Security Package are identified in the table below.





## 5. Instream Priorities and Watershed Health

#	Component	Description	Funding and Resources	Relevant POPs / Past Investments / Federal Match	Bill / Vehicle	Scale	Other Categories Supported	IWRS Recommended Actions
5-1	<p><b>Fish Passage Barrier Removal</b></p> <p><b>Fish Passage Program Capacity</b></p>	<p>Replenishment of funds for design and implementation of priority fish passage projects across the state. A portion of the appropriation would be designated for ODFW to work with irrigation districts to install new/upgraded fish screens and passage at relevant water diversions.</p> <p>Staff capacity necessary to support the fish passage program.</p>	<p><b>Cost: \$7,486,862</b></p> <p>\$6,000,000 for projects (general) \$1,250,000 for projects (irrigation districts) 1 OWEB position (\$236,862)</p>	<p>OWEB POP 101</p> <p>Builds on previous investments in priority fish passage projects in 2021 and 2022 that have been exhausted.</p> <p>Source of funding for federal match.</p>	<a href="#">HB 3124</a>	Statewide Investment with Benefits to Basins	<a href="#">Water for Fish</a> ; <a href="#">Water Projects</a>	<b>11.D</b> Protect and restore instream habitat and habitat access for fish and wildlife
5-2	<p><b>Watershed Drought Resiliency</b></p> <p><b>Watershed Restoration Post-Wildfire</b></p>	<p>Funding to OWEB to support statewide grants for drought resiliency projects modeled off of 2021 Klamath drought resiliency grant program</p> <p>Post-fire recovery program, including streamside and upland replanting and floodplain restoration; drought relief such as off-channel livestock watering.</p> <p>Carryover funding and limitation for allocations from previous biennium for emergency programs focused on post-fire recovery and drought relief.</p>	<p><b>Cost: \$7,722,128</b></p> <p>\$5,000,000 to OWEB for statewide grant program, plus admin (e.g., \$500k)</p> <p>8 positions for wildfire recovery and drought relief (\$2,222,128 GF)</p> <p>\$27M GF carryover (OWEB POP 201)</p>	<p>OWEB POP 150 (program capacity)</p> <p>OWEB POP 201 (carryover)</p> <p>Builds on 2021 drought investment in drought resiliency projects and post-fire recovery projects.</p>	<a href="#">HB 3124</a>	Statewide Investment with Benefits to Basins	<a href="#">Water Projects</a> ; <a href="#">Water for Families</a> ; <a href="#">Water for Fish</a> ; <a href="#">Water for Farms</a> ; <a href="#">Planning, Coordination, and Capacity</a> ; <a href="#">Outreach and Engagement</a>	<p><b>5.5A</b> Plan and prepare for drought resiliency</p> <p><b>5.B</b> Assist with climate change adaptation and resiliency strategies</p>

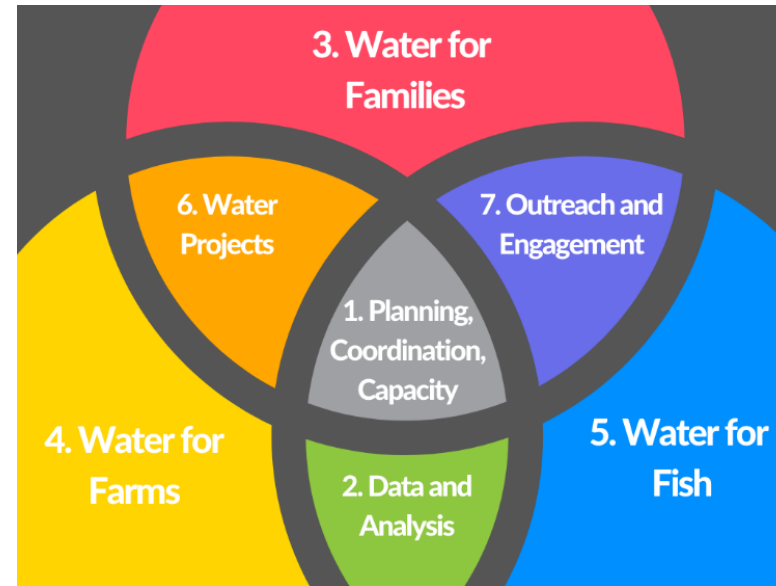
#	Component	Description	Funding and Resources	Relevant POPs / Past Investments / Federal Match	Bill / Vehicle	Scale	Other Categories Supported	IWRS Recommended Actions
5-3	<p><b>Water Acquisitions Grant Funds and Position Continuity (OWEB)</b></p> <p><b>Asset and Acquisition Stewardship (OWEB)</b></p>	<p>Funding and position authority to OWEB to continue work initiated in 2022 in support of voluntary water acquisitions, increase instream flows, manage projects, conduct outreach, and build drought resiliency for watersheds and wildlife.</p> <p>Also, supporting OWEB responsibilities to monitor, evaluate, and ensure land trusts and property owners comply with easement conditions.</p>	<p><b>Cost: \$985,870</b></p> <p>1 OWEB position (\$382,146 OF)</p> <p>\$9,213,020 Funds (Limitation OF)</p> <p>2 OWEB positions (\$603,724 GF)</p>	<p>OWEB POP 145</p> <p>OWEB POP 155</p>	<p><a href="#">HB 3124</a></p> <p>GRB</p>	<p>Statewide Investment with Benefits to Basins</p>	<p>Water for Fish; Water Projects; Outreach and Engagement</p>	<p><b>11.D</b> Protect and restore instream habitat and habitat access for fish and wildlife</p>
5-4	<p><b>Process-Based Restoration, Natural Storage, and Watershed Benefits</b></p>	<p>Deposits funds in the Oregon Conservation and Recreation Fund (OCRF) for restoration work, including but not limited to low-tech process-based restoration, that increases natural storage, increases watershed holding capacity, recharges aquifers, lowers water temperatures, or delivers similar benefits.</p>	<p><b>Cost: \$6,000,000</b></p> <p>OCRF: \$6,000,000</p>	<p>Will increase Oregon's share of federal funding for process-based restoration.</p>	<p><a href="#">HB 3124</a></p>	<p>Statewide Investment with Benefits to Basins</p>	<p>Water for Farms; Water for Families; Water for Fish; Planning, Coordination, and Capacity; Outreach and Engagement; Water Projects</p>	<p><b>11.A:</b> Improve Watershed Health, Resiliency, and Capacity for Natural Storage</p>
5-5	<p><b>Boosting Capacity to Apply for Federal Funding</b></p>	<p>Provides funding for positions at OWEB to support partner capacity to apply for available federal funding to advance restoration efforts.</p>	<p><b>Cost: \$390,375</b></p> <p>3 OWEB positions (\$390,375 GF and \$219,070 FF)</p>	<p>OWEB POP 140</p> <p>This would increase federal funding coming to Oregon</p>				

#	Component	Description	Funding and Resources	Relevant POPs / Past Investments / Federal Match	Bill / Vehicle	Scale	Other Categories Supported	IWRS Recommended Actions
5-6	<p><b>Klamath Targeted Restoration Projects</b></p> <p><b>Lake Ewauna Clean-up</b></p> <p><b>Fish Screens and Restoration in Newly Available Habitat</b></p> <p><b>Klamath Salmon Restoration Monitoring</b></p>	<p>DAS pass through to projects below.</p> <p>Direct allocation for utilization of modern technology and targeted treatments to improve water quality in Lake Ewauna in the Klamath Basin.</p> <p>Funding for fish screens and other fish passage and restoration projects in the newly accessible portions of the Klamath River after upcoming removal of four major dams guided by the Klamath Reservoir Reach Restoration Prioritization Plan.</p> <p>Research, monitoring, and evaluation needs for anadromous fishes actively reintroduced and naturally recolonizing the Upper Klamath Basin following the availability of fish passage.</p>	<p><b>Cost: \$6,833,643</b></p> <p>\$4,000,000 for Lake Ewauna</p> <p>\$2,000,000 (rough estimate) for fish screens and restoration</p> <p>3 ODFW positions (\$833,643)</p>	ODFW POP 119	<a href="#">HB 3124</a> <a href="#">HB 3580</a>	Basin-Specific (Klamath Basin/ Klamath County)	<p>Water for Fish;</p> <p>Water Projects;</p>	<b>11.D</b> Protect and restore instream habitat and habitat access for fish and wildlife
5-7	<b>Targeted Investment: Drought Resiliency Projects in Crook, Jefferson, Deschutes, and Grant Counties</b>	Funding to OWEB to support grants for drought resiliency projects modeled on 2021 Klamath drought resiliency grant program.	<p><b>Cost: \$5,000,000</b></p> <p>OWEB: \$5,000,000 for targeted grant program</p>	Builds on 2021 drought investment in drought resiliency projects, including direct funding to Jefferson County.	<a href="#">HB 3124</a>	Drought Affected Counties (with an active drought declaration)	<p>Water Projects;</p> <p>Water for Families;</p> <p>Water for Fish;</p> <p>Water for Farms;</p> <p>Planning, Coordination, and Capacity;</p> <p>Outreach and Engagement</p>	<p><b>5.5A</b> Plan and prepare for drought resiliency</p> <p><b>5.B</b> Assist with climate change adaptation and resiliency strategies</p>
5-8	<b>Targeted Investment: Studying Springs in the Deschutes Basin</b>	Provides funding to OWRD to study springs within the Deschutes Groundwater Study Area, including the sources and volume of water needed to maintain spring dependent habitats.	<p><b>Cost: \$612,418</b></p> <p>2 OWRD positions (\$512,418)</p> <p>\$100,000 in contract funds</p>	OWRD ARB POP 119	<a href="#">HB 3124</a>	Basin-Specific (Deschutes Basin/ Deschutes County)	<p>Water for Fish;</p> <p>Data and Analysis</p>	<b>3.B</b> Determine needs of groundwater dependent ecosystems

#	Component	Description	Funding and Resources	Relevant POPs / Past Investments / Federal Match	Bill / Vehicle	Scale	Other Categories Supported	IWRS Recommended Actions
5-9	<b>Targeted Investment: Deschutes Drought Resiliency and Watershed Restoration</b>	Allocates funding to the Deschutes River Conservancy for the following: 1) Implementing a Deschutes Water Bank to facilitate water conservation and sharing; 2) Funding for improved water measurement and monitoring of water within the Central Oregon Irrigation District; 3) On-farm improvements to increase water conservation in the Central Oregon Irrigation District; and 4) Restoration projects in the Upper Deschutes to meet habitat needs of the ESA-listed Oregon spotted frog.	<b>Cost: \$2,000,000</b>  \$2,000,000 to Deschutes River Conservancy	Will be used to leverage federal funding opportunities	<a href="#">HB 3124</a>	Basin-Specific (Deschutes Basin/ Deschutes, Crook, Jefferson Counties)	Water Projects; Water for Families; Water for Fish; Water for Farms; Planning, Coordination, and Capacity; Outreach and Engagement	<b>10.D</b> Reach environmental outcomes with non-regulatory alternatives
5-10	<b>Targeted Investment: Aquatics Monitoring and Habitat Restoration in Grant County</b>	Provides funding to Grant County SWCD to perform aquatics monitoring in partnership with the Malheur National Forest to improve grazing practices and inform riparian and fish habitat restoration projects.	<b>Cost: \$1,500,000</b>  \$1,500,000 to Grant County SWCD		<a href="#">HB 3124</a>	Basin Specific (John Day Basin/Grant County)	Water for Fish; Data and Analysis; Outreach and Engagement	<b>11.D</b> Protect and restore instream habitat and habitat access for fish and wildlife

## 6. Water Project Investments

Efficient water storage, recharge, and reuse can play a powerful role in Oregon's ability to address water scarcity and drought. However, while interest in water reuse continues to grow and is identified as a top priority among some organizations, reuse programs are currently underdeveloped and underfunded. Similarly, although water storage and recharge programs have the potential to help mitigate water scarcity and drought, greater resources are necessary to enable real change. There is also a continued need for water conservation projects, drought resiliency projects, and other novel water supply projects that can lead to greater water security. This package helps provide those resources and supports several key recommendations of the IWRS and Task Force.



## 6. Water Projects

#	Component	Description	Funding and Resources	Agency POPs / Past Investments / Federal Match	Bill / Vehicle	Scale	Other Categories Supported	IWRS Recommended Actions
6-1	<p><b>Irrigation Modernization Match for Federal Funds</b></p> <p><b>Irrigation Modernization Pre-Development Funding</b></p>	<p>Capitol bonding request for Irrigation Modernization Development Fund at OWEB. Irrigation districts, SWCDs, watershed councils, Tribal governments, and other organizations engaged in irrigation modernization work are eligible to cover project implementation, feasibility studies, planning, technical assistance, and other associated work. This will provide needed state match for projects that are ready to receive federal funding. A list of projects that will need state match in the 2023-2025 biennium is available.</p> <p>Projects supported by these grants would protect or restore natural watershed or ecosystem functions in order to improve stream flows, with the Allocation of Conserved Water Program being the preferred in-stream protection method for the program.</p>	<p><b>Cost: \$70,000,000</b> capital request</p> <p>\$58,000,000 for state match, and \$12,000,000 regardless of match, for irrigation modernization efforts. Staff capacity at OWEB to administer.</p>	<p>Expands on 2021 2nd Special Session creation of a statewide grant program at OWEB to match federal investments in irrigation modernization.</p> <p>Federal match covers 75% of projects and is estimated at over\$150,000,000</p>	<p><a href="#">HB 3124</a>, to be funded through capital request</p>	<p>Statewide Investment with Benefits to Irrigation Districts</p>	<p>Water for Farms; Water for Families; Water for Fish; Water Projects</p>	<p><b>4.B:</b> Take Advantage of Existing Infrastructure to Develop Non-Traditional Hydroelectric Power; <b>4.C:</b> Promote Strategies That Increase/Integrate Energy and Water Savings; <b>10.D:</b> Reach Environmental Outcomes with Non-Regulatory Alternatives; <b>13.E:</b> Invest in Implementation of Water Resources Projects</p>
6-2	<p><b>Klamath Targeted Agricultural Water Security Projects</b></p> <p><b>Klamath Irrigation District Modernization</b></p> <p><b>Essential Infrastructure for Rogue River Irrigation District and Medford Irrigation District</b></p>	<p>DAS pass through to projects below.</p> <p>Direct allocation for planning and pre-project development to modernize A Canal in the Klamath Irrigation District.</p> <p>Direct allocation to install infrastructure for Rogue River Irrigation District and Medford Irrigation District to effectively manage and release water to satisfy senior claims in the Klamath Basin.</p>	<p><b>Cost: \$6,000,000</b></p> <p>\$5,000,000 to Klamath Irrigation District</p> <p>\$1,000,000 to Rogue River Irrigation District</p>		<p><a href="#">HB 3124</a></p>	<p>Basin-Specific (Klamath Basin/ Klamath County)</p>	<p>Water for Farms; Water for Families; Water Projects</p>	<p><b>7.A</b> Develop and upgrade water and wastewater infrastructure</p>

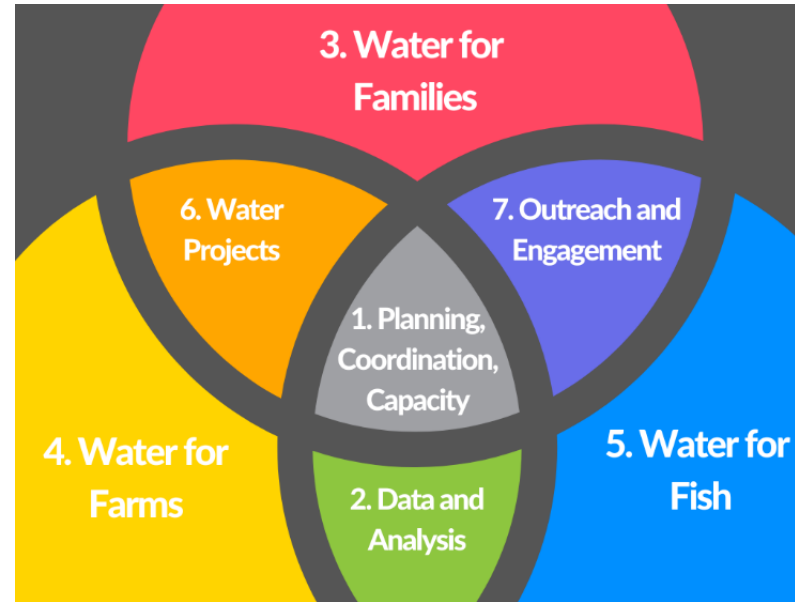
#	Component	Description	Funding and Resources	Agency POPs / Past Investments / Federal Match	Bill / Vehicle	Scale	Other Categories Supported	IWRS Recommended Actions
6-3	<b>Water Reuse Coordination</b>	Directs DEQ to consult with OWRD and produce recommendations and outreach resources to expand water reuse in the state and take advantage of federal funding opportunities associated with water reuse.	<b>Cost: \$500,000</b>  1 Permanent DEQ position (\$250,000) 1 LD OWRD position (\$250,000)	NA  Will increase Oregon's share of federal funding for water reuse projects.	<a href="#">HB 3231</a>	Statewide Investment with Benefits to Basins	Water Projects; Water for Families; Water for Fish; Water for Farms; Planning, Coordination, and Capacity; Outreach and Engagement	<b>10.C:</b> Encourage Additional Water Reuse Projects
6-4	<b>Targeted Investment: Beaverton Purple Pipe Project</b>	Provides funding to the City of Beaverton for their innovative purple pipe project.	<b>Cost: \$19,547,336</b>  \$19,547,336 capital request for City of Beaverton	May be matched with federal funding	<a href="#">HB 3124</a>	City-Specific and Surrounding Areas	Water Projects; Water for Families; Water for Fish; Water for Farms; Planning, Coordination, and Capacity; Outreach and Engagement	<b>10.C:</b> Encourage Additional Water Reuse Projects
6-5	<b>Assessing Feasibility and Implementing Multi-Benefit Water Projects</b>	Deposits funds into the and Water Conservation, Reuse, and Storage Investment Fund (HB 1069 [2008]) to assess the feasibility of water conservation, storage, and reuse opportunities. Deposits funds into the Water Supply Development Account (SB 839 [2013]) for investment in water supply projects providing social, economic, and environmental benefits. Directs the Department to offer two grant cycles annually. Directs the Department to evaluate its funding programs to ensure programs are achieving the legislative intent.	<b>Cost: \$2,250,000</b> Plus \$20,000,000 existing bonding authority  1 OWRD Position (\$250,000) \$20,000,000 Water Supply Development Account (existing bonding authority) \$2,000,000 Water Conservation, Reuse, and Storage Investment Fund	OWRD POP 107 (adj)  Builds on water investments in 2013, 2015, 2017, 2019, and 2021.  May serve as federal match for water studies and projects.	<a href="#">HB 3575</a> <a href="#">HB 3124</a> GRB	Statewide Investment with Benefits to Basins	Water Projects; Water for Families; Water for Fish; Water for Farms; Planning, Coordination, and Capacity; Outreach and Engagement	<b>13.D</b> Invest in feasibility studies for water resources projects <b>13.E</b> Invest in implementation of water resources projects

#	Component	Description	Funding and Resources	Agency POPs / Past Investments / Federal Match	Bill / Vehicle	Scale	Other Categories Supported	IWRS Recommended Actions
6-6	<b>Artificial Recharge and Aquifer Storage and Recovery Projects and Coordination</b>	<p>Directs Oregon Business Development Department to establish the Aquifer Recharge Due Diligence Grant Program and the Aquifer Recharge Testing Forgivable Loan Program. Deposits funds into the Aquifer Recharge Due Diligence Grant Program.</p> <p>Directs OWRD and DEQ to support and expand opportunities for artificial recharge and aquifer storage and recovery projects.</p>	<p><b>Cost: \$5,500,000</b></p> <p>\$5,000,000 to Business Oregon  1 Permanent OWRD position (\$250,000)  1 LD DEQ position (\$250,000)</p>	<p>NA</p> <p>Will increase Oregon’s share of federal funding for artificial recharge and aquifer storage and recovery projects.</p>	<p><a href="#">SB 455</a>  <a href="#">HB 3124</a></p>	<p>Statewide Investment with Benefits to Basins</p>	<p>Water Projects;  Water for Families;  Water for Fish;  Water for Farms;  Planning, Coordination, and Capacity;  Outreach and Engagement</p>	<p><b>11.A</b> Improve watershed health, resiliency, and capacity for natural storage</p>
6-7	<p><b>Targeted Investment: Morrow and Umatilla Drought Relief Aquifer Recharge and Aquifer Storage and Recovery Project</b></p> <p><b>Targeted Investment: Fifteen-mile Managed Underground Water Storage Project</b></p>	<p>Provides funding to the Mid-Columbia Water Commission to implement the Morrow and Umatilla Drought Relief Aquifer Recharge and Aquifer Storage and Recovery Project.</p> <p>Provides funding to the Wasco County Soil and Water Conservation District for the Fifteen-mile Managed Underground Water Storage Project.</p>	<p><b>Cost: \$7,500,000</b></p> <p>\$5,000,000 to Mid-Columbia Water Commission</p> <p>\$2,500,000 to Wasco County SWCD</p>		<p><a href="#">HB 3124</a></p>	<p>Basin-Specific Investments</p>	<p>Water Projects;  Water for Families;  Water for Fish;  Water for Farms;  Planning, Coordination, and Capacity</p>	<p><b>11.A</b> Improve watershed health, resiliency, and capacity for natural storage</p>
6-8	<b>Western Juniper Removal and Watershed Restoration in Eastern Oregon</b>	<p>Allocates funding to SWCDs for juniper removal and watershed restoration. Requires the SWCD to coordinate with OSU to monitor and report on the effects of the program on water resources, ecological health, and economic and workforce development.</p>	<p><b>Cost: TBD</b></p> <p>Funding to Crook County SWCD, Jefferson County SWCD, Klamath County SWCD, Deschtes County SWCD, Harney County SWCD, Lake County SWCD, and OSU for effectiveness monitoring</p>		<p><a href="#">HB 3142</a></p>	<p>Basin-Specific (see named Counties)</p>	<p>Water Projects</p>	<p><b>11.A:</b> Improve Watershed Health, Resiliency, and Capacity for Natural Storage</p>



## 7. Outreach and Engagement

Oregonians are at significant and increasing risk of water insecurity and there is a need to enhance public awareness and understanding of the state's water challenges. There is also a need to ensure effective communication during emergencies. Outreach and engagement are imperative because resilience will require education and active involvement of water users in all areas. The IWRS, Task Force Report, and Secretary of State's Advisory Report all call for increased outreach and engagement, as noted in the table below, and this package would assist in filling gaps. Relevant components of the Bipartisan Drought Relief and Water Security Package are identified in the table below.



## 7. Outreach and Engagement

#	Component	Description	Funding and Resources	Agency POPs / Past Investments / Federal Match	Bills / Vehicle	Scale	Other Categories Supported	IWRS Recommended Actions
7-1	<b>Statewide Water Conference and Research and Learning Agenda</b>	Directs OSU to work with PSU, UO, and EOU to convene two annual statewide water conferences to facilitate learning and relationship-building between sectors, identify research needs, and develop a statewide research and learning agenda.	<b>Cost: \$400,000</b>  \$400,000 to OSU		<a href="#">HB 3124</a>	Statewide Investment with Benefits to Basins	Outreach and Engagement; Planning, Coordination, and Capacity; Water for Families; Water for Fish; Water for Farms; Data and Analysis;	<b>8.C:</b> Promote community education and training opportunities <b>8.D</b> Identify ongoing water-related research needs
7-2	<b>Equitable Expansion of the Existing Drought Outreach Campaign</b>	Continue and expand the ODFW drought outreach campaign initiated this biennium.	<b>Cost: \$500,000</b>  \$500,000 to ODFW	This builds on investments made in the 2022 drought package.	<a href="#">HB 3124</a>	Statewide Investment with Benefits to Basins	Outreach and Engagement; Water for Families; Water for Fish; Water for Farms	<b>8.C:</b> Promote community education and training opportunities
7-3	<b>Culturally Appropriate Flooding and Water-Related Notification Systems</b>	Invest in emergency communications and resources to support living on the frontlines of disaster impacts including: investments in notification systems upgrades, consultation with Tribes and community-based organizations about how to best reach the communities they serve and resources for those entities to pursue community scale emergency-related education and outreach efforts.	<b>Cost: \$2,000,000</b>  \$1,500,000 to OEM plus funding for capacity		<a href="#">HB 3124</a>	Statewide Investment with Benefits to Basins	Outreach and Engagement; Planning, Coordination, Capacity	<b>5.B:</b> Assist with climate change adaptation & resiliency Strategies <b>5.5.B:</b> Plan and prepare for flood events
7-4	<b>Community-Led Groundwater Outreach and Engagement in Support of House Bill 2018 [2021]</b>	Provides continued funding to support community outreach and education related to groundwater resources in consultation with the Oregon Water Resources Department to increase understanding and build trust in the technical products developed for HB 2018 [2021].	<b>Cost: \$500,000</b>  Ongoing discussion to determine who will administer		<a href="#">HB 3124</a>	Statewide Investment with Benefits to Basins	Outreach and Engagement; Planning, Coordination, Capacity; Water for Families; Water for Fish; Water for Farms	<b>8.C:</b> Promote community education and training opportunities

#	Component	Description	Funding and Resources	Agency POPs / Past Investments / Federal Match	Bills / Vehicle	Scale	Other Categories Supported	IWRS Recommended Actions
7-5	<b>Water Learning and Communication Grants to Community Based Organizations</b>	Provides small grants for community-based organizations to facilitate learning and communications about water.	<b>Cost: TBD</b>  Ongoing discussion to determine who will administer		<a href="#">HB 3124</a>	Statewide Investment with Benefits to Basins	Outreach and Engagement; Water for Families; Water for Fish; Water for Farms	<b>8.C:</b> Promote community education and training opportunities