



Mid-Coast Water Planning Partnership

Mid-Coast Water Planning Partnership Meeting

March 29, 2017

Rogue Brewers on the Bay, 2320 OSU Drive, Newport, OR

3:30 PM **First Timers – Come early for an orientation to the Partnership!**
4:00 PM **Partnership Meeting in the Board Room**
7:00 PM **Social hour and informal discussion**

Meeting Objectives:

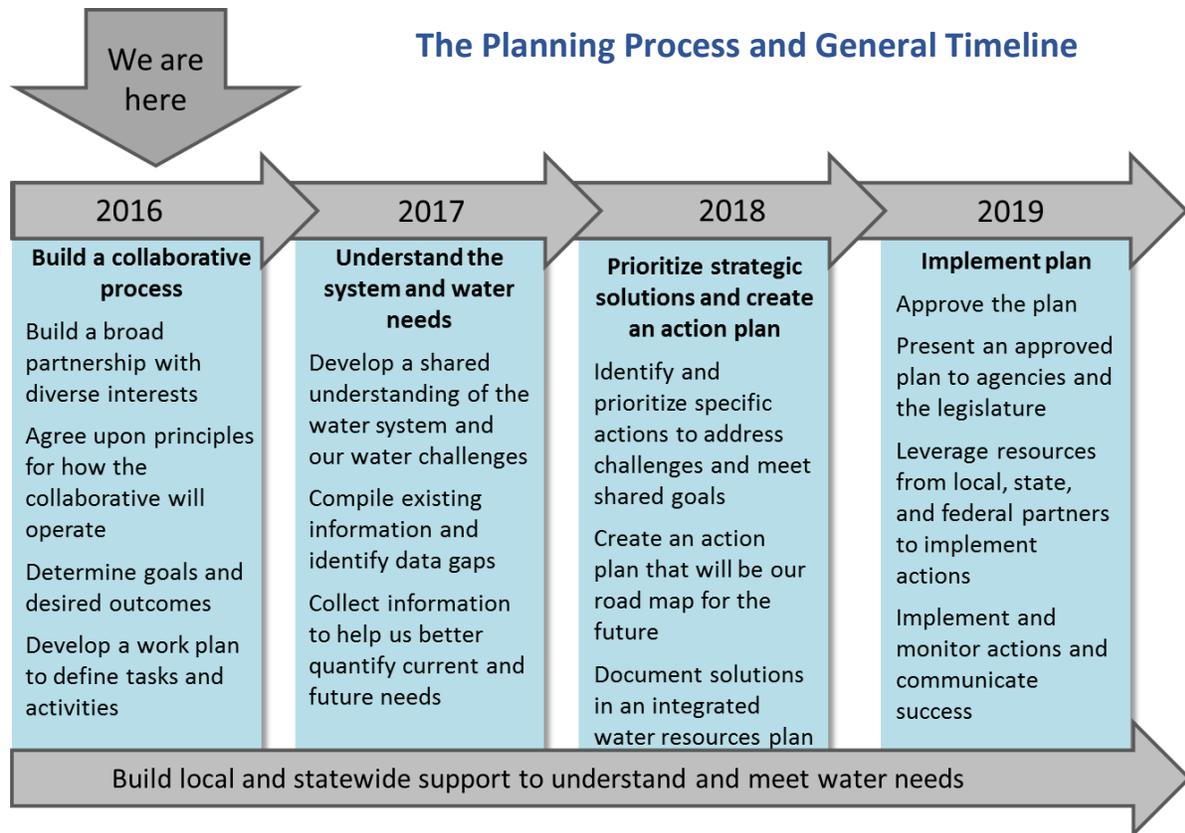
- Review and develop final draft of Charter for Mid-Coast Water Planning Partnership.
- Provide updates on Technical Work Plan and Communication, Education and Outreach efforts.
- Technical session on Water in the Mid-Coast.

MEETING AGENDA

Time	Topic	Lead
4:00 pm	Arrive and get dinner	
4:10 pm	Welcome <ul style="list-style-type: none">• Meeting Objectives and Agenda• Introductions	Facilitators
4:30 pm	Charter – Review and seek approval of Charter	Facilitators
5:10 pm	Break	
5:30 pm	Update on Technical Work Plan	Timothy Gross City of Newport
5:45 pm	Update on Communication, Education and Outreach	Harmony Burrigh, OWRD
6:00 pm	Water in the Mid Coast	Nikki Hendricks and Mike Thoma (OWRD)
6:45 pm	Wrap Up and Next Steps	Facilitators
7:00 pm	Social hour and informal discussion	

Stay connected - www.midcoastwaterpartners.com

Over the next three years, the Partnership will work together to develop a shared vision for our water future and identify and prioritize actions to achieve that vision.



O U T P U T S

<ul style="list-style-type: none"> • A 'Charter' defining how we will work together. • A technical Work Plan to guide the planning processes. • A Communication and Outreach Plan to keep everyone informed. 	<ul style="list-style-type: none"> • Inventory of water resources and challenges. • Information gaps identified with a strategy to fill them. • Assessment of current and future needs. 	<ul style="list-style-type: none"> • Options and strategies to meet multiple needs. • Integrated water resources plan. 	<ul style="list-style-type: none"> • Implementation plan. • Communication plan to 'tell the story'.
---	--	--	---

Planning Step 1 – Build a Collaborative Process

Step	Target Completion
1.1 Identify and engage diverse stakeholders	Ongoing
1.2 Build and sustain a collaborative process <ul style="list-style-type: none"> • Develop a Charter to define the collaborative process 	March 2017
1.3 Develop and execute a communication and outreach strategy to ensure public involvement	April - May 2017
1.4 Gather and analyze information to create a work plan	May - June 2017
1.5 Develop a strategy to sustain the collaborative planning process	May - June 2017



Mid-Coast Water Planning Partnership

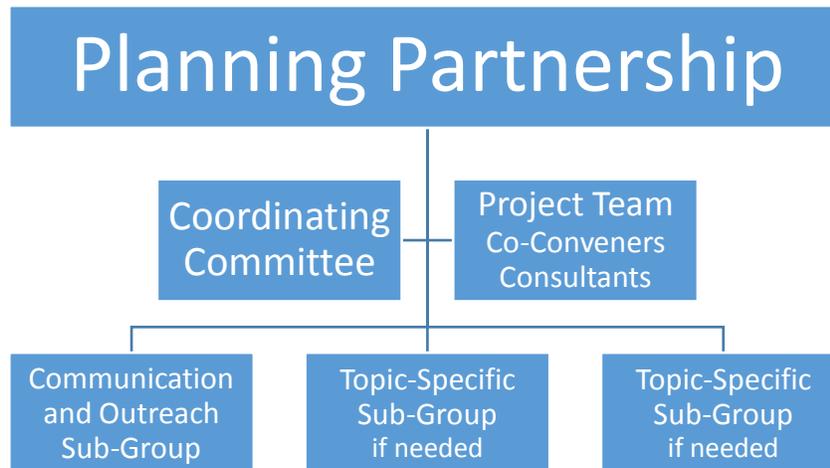
Current Partners

- City of Newport - Co-Convener
- OR Water Resources Dept - Co-Convener
- Bay Hills Water Association
- Beverly Beach Water District
- City of Lincoln City
- City of Toledo
- City of Waldport
- City of Yachats
- Coastal Residents
- Confederated Tribes of Siletz Indians
- Georgia Pacific
- Gibson Farms
- Hancock Forest Management
- Lincoln County
- Lincoln County Cattlemen's Association
- Lincoln County Farm Bureau
- Lincoln Soil and Water Conservation District
- Private Landowners and Rural Homeowners
- Mid-Coast Watersheds Council
- Newport Surfrider
- NOAA National Marine Fisheries Service
- OR Dept of Agriculture
- OR Dept of Land Conservation and Development
- OR Dept of Environmental Quality
- OR Dept of Fish and Wildlife
- OR Dept of Forestry
- OR Watershed Enhancement Board
- Oregon SeaGrant
- OSU Hatfield Marine Science Center
- Regional Solutions, Office of the Governor
- Representative David Gomberg
- Seal Rock Water District
- Senator Arnie Roblan
- Starker Forests
- The Wetlands Conservancy
- US Forest Service

Coordinating Committee Members

- Co-Convener**, City of Newport, Tim Gross
- Co-Convener**, Oregon Water Resources Department, Harmony Burrigh
- Conservation**, Newport Surfrider, Charlie Plybon
- Tribes**, Confederate Tribes of the Siletz, Stan VandeWetering
- Water Provider (Water District)**, Seal Rock Water District, Adam Denlinger
- Irrigator/Landowner**, Gibson Farms, Alan Fujishin
- Business/Industry**, Economic Development Alliance, Caroline Bauman
- Federal Agency**, US Forest Service, Deborah Wilkins
- Governor's Office**, Regional Solutions Team, Jackie Mikalonis
- State Agency**, Oregon Department of Fish and Wildlife, Jitesh Pattni
- Local Government**, Lincoln County, Terry Thompson
- Watershed Council**, Mid-Coast Watershed Council, Wayne Hoffman
- OSU Extension**, Oregon Sea Grant, Climate Change Research, John Stevenson

PARTNERSHIP STRUCTURE AND ROLES



- **Planning Partnership:** Broad group of stakeholders –
 - Identify study-related interests.
 - Identify current and future water challenges.
 - Consider quality, quantity and ecosystem needs.
 - Identify ways to increase resilience.
 - Plan together to meet future needs.
 - Provide direction to the Coordinating Committee.
- **Coordinating Committee:** Subset of Planning Partnership – Approximately 12-14 people. Diverse group representing a range of interests. Convenes between meetings of Partnership Group to:
 - Provide advice on how to structure stakeholder engagement and communication to ensure that diverse interests are included in the process.
 - Identify potential issues, gather information, and frame issues for discussion by the Partnership Group.
 - Communicate with stakeholders about the planning process and issues of interest.
 - Advocate for a planning process that balances interests.
 - Provide process support and conduct work to support the Partnership Group.
- **Project Team (PT):** The PT plans meetings, prepares materials and meeting minutes for the process. Includes Co-conveners OWRD and City of Newport, as well as technical consultants, GSI Water Solutions and Facilitators, Innovative Growth Solutions.
- **Sub-groups:** Topic-specific sub-groups may be designated as needed to work on specific aspects of the plan and/or assist in communication regarding the Study.



Mid-Coast Water Planning Partnership

FINAL DRAFT CHARTER

Version 6.2

3/24/17

To be considered by the Partnership on 3-29-17

The **Charter** (sometimes called an 'Operating Agreement' or 'Governance Agreement' is a document that defines the purpose of the Partnership and memorializes how we agree to work together. The draft Charter will be developed by the Coordinating Committee (CC), based on Partnership input. The draft will be reviewed and approved by the Partnership.

The Charter is intended to be a living document that will be reviewed and modified as needed to best serve the needs and interests of the Partnership in pursuit of its mission.

Includes Coordinating Committee input –
November 4, 2016
Edits submitted 11/4 – 17
Coordinating Committee discussion 11/18/16
Coordinating Committee edits submitted through 11/25/16
Partnership input on 11/30/16
DRAFT edits by consultant (IGS) 12/8/16, 12/20/16
Edits by Adler, Fujishin, Hoffman, Nyquist, Warnock, Burrigh as of 1/10/17
Coordinating Committee input 1-13-17
Reviewed w/Partnership on 1-25-17; posted on website for comments 1-31-17
Coordinating Committee (conference call) 2-24-17
Coordinating Committee discussion 3-10-17
Edits based on CC notes 3-10 incorporated by Fujishin, Burrigh 3-17-17
Reviewed/edited by Coordinating Committee (conference call) 3-24-17

<p>Mission / Purpose</p> <p><i>Defines the overall mission or purpose of the Partnership. Answers the question: Why do we exist?</i></p>	<p>The purpose of the Mid-Coast Water Planning Partnership is to develop an inclusive community forum which examines water use in the region, identifies current and potential water challenges, and creates a unified plan to balance water needs.</p>
<p>Goals</p> <p><i>Defines the primary goals that will guide the work of the Partnership. Answers the question: What do we hope to accomplish?</i></p>	<p>Work collaboratively to develop an Integrated Water Resources Plan that:</p> <ul style="list-style-type: none"> • Protects the environment and ensures healthy watersheds. • Balances the needs of our ecosystems, our economies, and our communities. • Creates sustainable systems that are resilient to climate change and natural hazards. • Provides ongoing education on the values of our water resources. • Supports stewardship of our water resources. • Secures the financial, technical, and practical resources needed to further these goals.
<p>Guiding Principles / Shared Values</p> <p><i>Identifies the key principles or values that will guide how the members work together as a Partnership. Answers the question: How will we work together and treat one another?</i></p>	<p>The following principles guide how we will work together.</p> <ul style="list-style-type: none"> • Partnership. We recognize different perspectives and seek common ground to develop strategies that meet our collective needs. • Transparency. We create an inclusive process to openly share information and interests, invite curiosity and encourage dialogue. • Innovation. We bring our best ideas and information to the table and explore innovative, out-of-the box solutions. • Commitment. We act in good faith to support the success of the Partnership in developing strategies that are in the best interest of the region. • Flexibility. We are open to new ideas and approaches and will adapt our process or approach to fit the needs of the Partners. • Action. We seek practical near-term actions as well as longer term strategies consistent with our goals. • Clarity. We commit to expressing all of our findings in the simplest and clearest form possible.

<p>Vision</p> <p><i>Defines the aspirational future that the Partnership hopes to accomplish. Answers the question: What is the future we hope to create?</i></p>	<p>Regional partners ensuring balanced water resources for the environment, the economy, and coastal communities.</p>
<p>Membership</p> <p><i>Lists the organizations and individuals that have officially joined the Partnership and defines their roles.</i></p>	<p>The Partnership is a voluntary association that actively seeks to include diverse perspectives, interests, and expertise regarding water issues on the Mid-Coast. Organizations or individuals may join the Partnership at any time by agreeing to the terms of the Charter. The Partnership will seek to include, but not be limited to, representation and input from the following categories:</p> <ul style="list-style-type: none"> • Municipal water providers • Special districts/water districts • Industrial water users • Local businesses and economic development organizations • Coastal residents, rural homeowners, and landowners • Conservation/environmental organizations • Timber/forestry groups • Agricultural groups • Fishing groups • Recreation groups • Academic/scientific community • City and county governments • State and federal agencies • Tribes • Confederated Tribes of the Siletz • Elected officials <p>A current listing of Partnership members will be maintained on the website at www.midcoastwaterpartners.com</p>
<p>Structure and Function</p> <p><i>Defines structure and roles of groups in the Partnership.</i></p>	<p>Planning Partnership: Broad group of participants that commit to work collaboratively to identify current and future water challenges and develop a plan to meet future instream and out-of-stream water needs. The Planning Partnership provides direction to the Coordinating Committee and makes decisions about the contents of the Plan. Members of the Planning Partnership will:</p>

- Actively participate in meetings of the full Partnership.
- Contribute data and information when requested.
- Volunteer to serve on the Coordinating Committee or sub-groups.
- Work to build community and statewide awareness and support.
- Make decisions about contents of the Plan.
- Contribute resources to help sustain the Partnership.

Coordinating Committee: Diverse group representing a range of Partnership perspectives whose primary purpose is to coordinate and support the efforts of the Partnership. The Coordinating Committee is made up of up to 15 Partners, including the two Co-Conveners, who get together between meetings of the Planning Partnership to provide input to ensure that diverse interests are included, identify potential issues and opportunities, gather information, frame issues for discussion by the Partnership, and actively create a planning process that balances interests. Members of the Coordinating Committee will:

- Draw upon their expertise to help prepare information for discussion by the Planning Partnership.
- Solicit diverse points of view, listen to ideas that are not their own, and represent a broad range of perspectives.
- Make decisions about the planning process and may make content or technical recommendations to the Planning Partnership.

Initial membership of the Coordinating Committee was established by soliciting volunteers to represent a cross-section of the Partnership. When a vacancy occurs on the Coordinating Committee, the Project Team will recommend a replacement for the Committee's consideration. Coordinating Committee deliberations are limited to Committee members and guests invited to provide information or perspectives.

Sub-groups: Topic-specific sub-groups may be organized by the Coordinating Committee as needed to work on specific aspects of the Plan and/or assist in communication and outreach. Sub-groups may present information and make recommendations to the Coordinating Committee for consideration by the Partnership. Sub-groups will be made up of Partners as well as others who have relevant expertise and or interest in the topic(s) being discussed.

Project Team (PT): The initial Project Team includes the Co-Conveners, Oregon Water Resources Department and City of Newport, as well as technical consultants, GSI Water Solutions and Facilitators, Innovative Growth Solutions. The Project Team makes administrative and process decisions regarding implementation of the grant and the planning process. This includes planning meetings and preparing materials and meeting notes to support the work of the Partnership, the Coordinating Committee, and Sub-groups. The Project Team also recommends Partners to serve on the Coordinating Committee to represent a cross-section of the Partnership.

	<p>The Co-Conveners are responsible for bringing people together to address an issue, problem or opportunity while remaining impartial to any particular outcomes. The Co-Conveners' primary responsibility is to serve as the organizer and administrator of the collaborative process, carrying out the preliminary and follow-up tasks that ensure the process progresses in a manner consistent with this Charter.</p>
<p>Decision Making</p> <p><i>Identifies the decision making protocol to be used. Also addresses how lack of agreement will be handled.</i></p>	<p>The Partnership intends to provide an inclusive, transparent forum to identify opportunities and resolve issues in the collective interests of the Partnership. The Partnership will make decisions in the spirit of consensus using a collaborative process that engages all viewpoints offered to strive for mutually acceptable strategies.</p> <p>Definition: Consensus is a decision-making process in which group members develop and agree to support a decision in the best interest of the whole. A practical definition of consensus is:</p> <ul style="list-style-type: none"> • The parties have had an opportunity to share and understand all viewpoints. • The parties have reached a 'meeting of the minds' sufficient to make a decision and carry it out. • Once agreement has been reached, the Partners are committed to supporting the decision or refraining from blocking or disparaging it. <p>Consensus on a decision about a project, recommendation, or action the Partnership plans to take will be reached when all members can make one of the following statements about the decision:</p> <ul style="list-style-type: none"> • I agree with the decision and will publicly support it. • I agree with the decision but will refrain from publicly supporting it. • I can live with the decision and won't disparage it in public or stand in the way of its implementation. <p>Consensus Decision Making Process:</p> <ul style="list-style-type: none"> • While anyone may participate in meetings and deliberations of the Partnership or any working groups that have been established, only persons signing the Charter may participate in Partnership decision making. • Partnership members are encouraged to attend meetings in person. If this is not possible, members may designate an alternate to attend a meeting and contribute to discussions on their behalf. Alternates must sign the Charter and the name of the alternate should be conveyed to the Project Team prior to the meeting. It is incumbent upon the Member to ensure that the alternate can accurately convey their position. It is also incumbent upon the person representing an organization to accurately convey the position of the organization they represent.

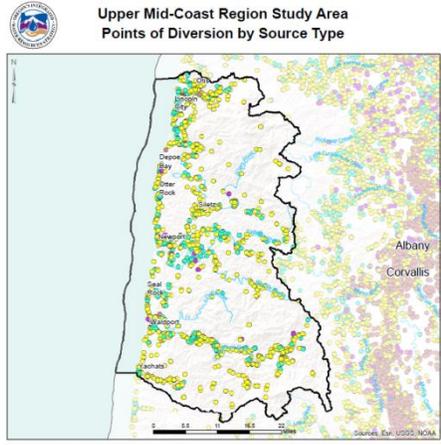
	<ul style="list-style-type: none"> • A formal ‘voting’ process will not be used. However, depending on complexity of the issue, appropriate process tools will be used to test for consensus, such as: <ul style="list-style-type: none"> ○ Red, Yellow, Green cards ○ Thumbs up, thumbs down, neutral ○ Ranking on a scale of 1 – 5 ○ Priority ranking ○ Show of hands (can be done with eyes closed or open) • Partnership members (and/or their alternates) must have attended at least two of the last four meetings to formally participate in making decisions. • Each entity represented in the Partnership has one ‘voice’. If there are multiple individuals representing an entity, they must select one person amongst them to speak on behalf of the entity. • The Partnership will endeavor to allow reasonable time for members to discuss interests and solicit perspectives of constituents prior to calling for a final decision. • Substantive decisions will not be made at meetings where the spectrum of Partners is not present, based on the Co-Conveners’ review of attendance. The group may make tentative decisions at such meetings and follow up via e-mail, or may delay decisions until a spectrum of Partners is available. <p>If Consensus is NOT reached, the following process will be used to resolve the issue:</p> <p>A. If time is available: Continue to work on the issue using one of the following:</p> <ul style="list-style-type: none"> • Continue to discuss during the meeting – revisit previous steps in the process to consider all aspects of the issue. • Provide opportunity for dissenting members to provide constructive alternatives to meet everyone’s needs. • Refer the issue to a sub-group for further study and discussion; then report back to Partnership at a subsequent meeting and re-test for consensus. <p>B. If time is NOT available (i.e. if goals of project would be compromised):</p> <ul style="list-style-type: none"> • Refer to Coordinating Committee to determine how to handle the issue. <ul style="list-style-type: none"> ○ Coordinating Committee may table, study further, narrow options, or select a preferred option to recommend to the Partnership. ○ Coordinating Committee reports recommendation back to the Partnership, including a description of all alternatives, and a further attempt is made to reach consensus. • If consensus is still not reached, a decision may still be reached by agreement of the majority of the Partnership and recorded as such.
--	--

	<p>Recording Decisions:</p> <p>The meeting notes and final report will reflect:</p> <ul style="list-style-type: none"> • Items on which the decision was reached by consensus of the Partnership. • Items on which contentious consensus was reached, in which case Partners will be given the opportunity to prepare “Minority” and “Majority” reports and facilitators will outline the main points of disagreement for the record. • Items on which there are mixed opinions and the Partnership concluded it could not reach consensus or come to a decision. <p>Modifying Decision:</p> <p>Decisions reached by consensus will not be revisited or modified unless :</p> <ul style="list-style-type: none"> • Significant new ecological, economic or social information that may affect the decision becomes available, and • The Partnership comes to consensus to revisit the decision in light of new information or perspectives, or • The decision is provisional and intended to be reviewed at a future date, in which case this intent will be noted in the meeting notes.
<p>Member Responsibilities <i>Identifies the responsibilities that the members commit to (such as attending meetings, working collaboratively, supporting decisions, etc.)</i></p>	<p>Success of the Partnership relies on good faith efforts of the members to fulfill the provisions of the Charter and the contents of the Plan. Members of the Partnership, Coordinating Committee, and Sub-groups agree to:</p> <ul style="list-style-type: none"> • Make every effort to attend meetings, or arrange for another representative to attend and speak on their behalf. • Review meeting notes and materials in advance of meetings. • Participate in meetings and express the views of the organization and constituents they represent (i.e. stakeholders, members and colleagues of the entity they represent). • Keep their constituents informed about the Partnership’s work and seek their input to facilitate understanding and support of decisions made by the Partnership. • Engage in respectful, constructive dialogue with other members. • Seek creative resolution of differences and work to bridge gaps in understanding to achieve consensus. • Refrain from making negative comments about decisions that were reached by consensus. • Direct their activities toward ultimately fulfilling the Charter’s Mission/Purpose and Goals.

<p>Meeting Protocol <i>Defines how the meetings of the Partnership will be conducted, including:</i></p> <ul style="list-style-type: none"> • <i>Schedule and timeline</i> • <i>Meeting Ground Rules</i> • <i>Meeting Facilitation and Minutes</i> 	<p>Meeting Schedule:</p> <ul style="list-style-type: none"> • Meeting schedules will be maintained online at http://midcoastwaterpartners.com/meeting-materials/ <p>Record Keeping:</p> <ul style="list-style-type: none"> • Partnership and Coordinating Committee Meetings: <ul style="list-style-type: none"> ○ Decisions and key action items will be recorded on flip chart or displayed on screen by facilitator during the meeting. ○ A ‘Parking Lot’ of unresolved or tangential issues will be maintained by the facilitator and displayed at the meeting(s). ○ Notes will be taken by the facilitator and will be posted on the Partnership website by the Co-Convener(s) no later than two weeks following each meeting. ○ Notes from the prior meeting will be reviewed at the beginning of the next meeting and any clarifications or corrections will be resolved. • Project Team meetings and Sub-Group meeting notes will be taken by a member of the group and will be submitted to the Co-Conveners within two weeks of the meeting. • Attendance will be listed in all meeting notes. <p>Meeting Guidelines (i.e. Ground Rules): All members agree to abide by the following guidelines for effective meetings:</p> <ul style="list-style-type: none"> • Focus on the future. • Recognize that we are a system - work in a spirit of togetherness. • Respect all viewpoints - allow others to be heard. • Engage in collaborative discussion – seek win-win solutions. • Strive for understanding – ask for clarification when needed. • Be patient. • Start/stop on time. • Silence electronics. • When speaking, identify yourself and all organizations you represent.
<p>Communication <i>Identifies the basic communication protocols to be used by the Partnership. A separate, more</i></p>	<p>Meeting Announcements:</p> <ul style="list-style-type: none"> • Partnership meetings will be announced two weeks in advance via email and posting on the Partnership website at www.midcoastwaterpartners.com. If circumstances require scheduling a meeting on short notice, the Co-Conveners will endeavor to announce the meeting as soon as possible.

<p><i>detailed Communication and Outreach Plan will be developed by a Communication, Education and Outreach Sub-group.</i></p>	<ul style="list-style-type: none"> • Meeting agendas will be sent via email and will be posted on the Partnership website at least one week in advance. <p>News Media:</p> <ul style="list-style-type: none"> • Any formal announcements, including news releases, that represent the full Partnership will be reviewed and approved by the Co-Conveners. • All meetings of the Partnership are open to the news media. • Outside of meetings, members may make statements to the media regarding their own opinions and consensus decisions by the Partnership; however, they agree not to attribute statements to others involved in the process or claim to represent the interests or views of others. • Members of the Partnership are encouraged to inform one of the Co-Conveners if they intend to be, or have been, interviewed by the media about the Partnership. • If a media article or report inaccurately represents a member’s statement, that individual should inform the Partnership as soon as possible.
<p>Charter Modifications <i>Defines the process and authority for making modifications to the Charter</i></p>	<p>To ensure that the process is meeting the intended mission of the Partnership, the Coordinating Committee will review the Charter periodically to evaluate how it is functioning and may propose modifications for consideration by the Partnership. Modifications may be proposed and approved at any regular meeting by a consensus decision of the Partnership.</p>

Mid-Coast Map Gallery



**Upper Mid-Coast Region Study Area
Points of Diversion by Source Type**

Point of Diversion by Source Type

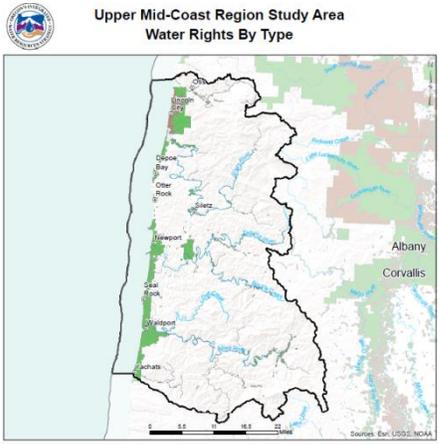
- Reservoir
- Sump
- Spring
- Stream
- Well

Description: A common view of points of diversion (PODs) is by a selected set of the source types. These are reservoir, sump, spring, stream, and wells. Other source types exist but are not represented here. They include drain, ditch, lake, sewage effluent, slough, winter runoff, and waste water.

Source: Points of Diversion by Source Type, Oregon Water Resources Department, 2015

Map produced by:
Oregon Water Resources Department
725 Summer St, NE Suite A
Salem, OR 97301

Map date: October 24, 2016
©: oregon_water_resources_department/production/antispam/ptd_by_source_wdr.mxd



**Upper Mid-Coast Region Study Area
Water Rights By Type**

Place of Use

Type of water use

- Groundwater
- Storage
- Surface Water

Description: Water rights may come from one of three sources: ground-water, surface water, or storage. Groundwater rights come from underground sources, such as wells, any artificial opening in the ground, an artificially altered natural opening, tile lines placed beneath the surface, or a sump. Surface water rights allow the use of a stream, spring, lake or other surface water source. Storage water rights allow construction of a reservoir and storage of water, usually of surplus water such as winter streamflow.

Source: Water Rights, Oregon Water Resources Department, 2016

Map produced by:
Oregon Water Resources Department
725 Summer St, NE Suite A
Salem, OR 97301

Map date: October 24, 2016
©: oregon_water_resources_department/production/antispam/wr_type_wdr.mxd



**Upper Mid-Coast Region Study Area
Water Rights By Use**

Places of Use Water Rights by Use

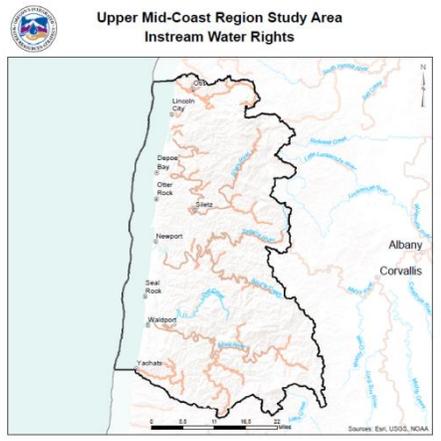
- Recreation
- Agriculture
- Power
- Fish
- Livestock
- Commercial
- Wildlife
- Irrigation
- Domestic
- Instream
- Mining
- Municipal
- Misc.

Description: Water rights fall into several categories of uses. Recreation, fish, wildlife, and livestock may overlap with other uses. Water rights may only be used for the use specified on the water right.

Source: Water Rights, Oregon Water Resources Department, 2016

Map produced by:
Oregon Water Resources Department
725 Summer St, NE Suite A
Salem, OR 97301

Map date: October 24, 2016
©: oregon_water_resources_department/production/antispam/wr_use_wdr.mxd



**Upper Mid-Coast Region Study Area
Instream Water Rights**

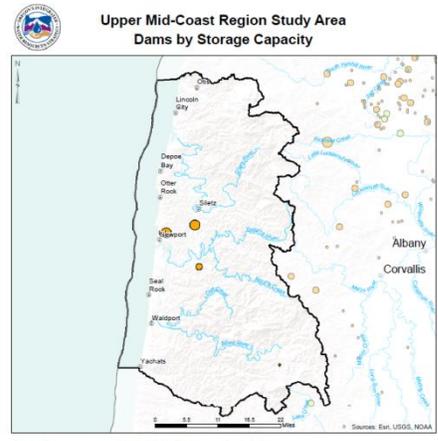
Instream water rights

Description: Instream water rights were established by the 1987 Legislature for protecting fish and wildlife, minimizing the effects of pollution, or maintaining recreational uses. Instream water rights establish flow levels to remain in a stream on a semi-monthly basis and are usually set for a certain stream reach and measured at a specific point on the stream. Instream water rights have a priority date and are regulated and enforced like all other water rights.

Source: Instream Water Rights, Oregon Water Resources Department, 2015

Map produced by:
Oregon Water Resources Department
725 Summer St, NE Suite A
Salem, OR 97301

Map date: October 24, 2016
©: oregon_water_resources_department/production/antispam/wr_instream_wdr.mxd



**Upper Mid-Coast Region Study Area
Dams by Storage Capacity**

State Dams

- < 100
- 100-1,000
- 1,000 - 10,000
- > 10,000

Non-State Dams

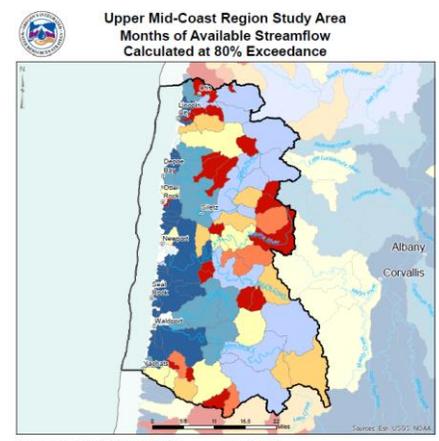
- < 100
- 100-1,000
- 1,000 - 10,000
- > 10,000

Description: The Oregon Water Resources Department maintains an inventory of Oregon dams. Information available includes dam height, storage capacity, dam name, location, permit number and hazard classification. Large dams are defined by a dam height ≥ 10 feet and a storage capacity of ≥ 9 acre feet. These larger dams are within the jurisdiction of Oregon Water Resources Department.

Source: Dams, Oregon Water Resources Department, 2016

Map produced by:
Oregon Water Resources Department
725 Summer St, NE Suite A
Salem, OR 97301

Map date: October 24, 2016
©: oregon_water_resources_department/production/antispam/dams_storage_wdr.mxd



**Upper Mid-Coast Region Study Area
Months of Available Streamflow Calculated at 80% Exceedance**

Number of Months Water is Available

- 0
- 1 - 2
- 3 - 4
- 5 - 6
- 7 - 8
- 9 - 10
- 11 - 12

Description: The Oregon Water Resources Department limits appropriation from streams in the state in order to assure new applicants use water a reasonable amount of the time and to minimize the regulatory effort by Department staff. Exceedance stream flow statistics are used by the Department to set the standards for appropriation. The 80% exceedance stream flow is the stream flow that occurs at least 80% of the time.

Source: Available Streamflow, Oregon Water Resources Department, 2015

Map produced by:
Oregon Water Resources Department
725 Summer St, NE Suite A
Salem, OR 97301

Map date: October 24, 2016
©: oregon_water_resources_department/production/antispam/available_streamflow_wdr.mxd

Visit www.midcoastwaterpartners.com/reading-room to view the Mid-Coast map gallery along with other reading materials.