Attachment A. Proposed Rule Amendments

Draft Rules – Edits Highlighted

Key to Identifying Changed Text:

~~Deleted Text~~
New/inserted text

Chapter 340 Division 41
WATER QUALITY STANDARDS: BENEFICIAL USES, POLICIES, AND CRITERIA FOR OREGON

340-041-0002
Definitions

Definitions in this rule apply to all basins unless context requires otherwise.

(1) "401 Water Quality Certification" means a determination made by DEQ that a dredge and fill activity, private hydropower facility, or other federally licensed or permitted activity that may result in a discharge to waters of the state has adequate terms and conditions to prevent an exceedance of water quality criteria. The federal permit in question may not be issued without this state determination in accordance with the Federal Clean Water Act, section 401 (33 USC 1341).

(2) "Ambient Stream Temperature" means the stream temperature measured at a specific time and place. The selected location for measuring stream temperature must be representative of the stream in the vicinity of the point being measured.

(3) "Anthropogenic," when used to describe "sources" or "warming," means that which results from human activity.

(4) "Applicable Criteria" means the biologically based temperature criteria in OAR 340-041-0028(4), the superseding cold water protection criteria in 340-041-0028(11) or the superseding natural condition criteria in 340-041-0028(8). The applicable criteria may also be site-specific criteria approved by U.S. EPA. A subbasin may have a combination of applicable temperature criteria derived from some or all of these numeric and narrative criteria.

(5) "Appropriate Reference Site or Region" means a site on the same water body or within the same basin or ecoregion that has similar habitat conditions and represents the water quality and biological community attainable within the areas of concern.

(6) "Aquatic Species" means plants or animals that live at least part of their life cycle in waters of the state.

(7) "Basin" means a third-field hydrologic unit as identified by the U.S. Geological Survey.

(8) "BOD" means 5-day, 20°C Biochemical Oxygen Demand.

(9) "Cold Water ~~Aquatic Life~~Species" means aquatic organisms that are physiologically restricted to cold water including, but not limited to, native salmon, steelhead, mountain whitefish, char including bull trout, and trout.

(10) "Cold Water Refugia" means those portions of a water body where or times during the diel temperature cycle when the water temperature is at least 2 degrees Celsius colder than the daily maximum temperature of the adjacent well-mixed flow of the water body.

(11) "Commission" or “EQC” means the Oregon Environmental Quality Commission.

(12) "Cool Water ~~Aquatic Life~~Species" means aquatic organisms that are physiologically restricted to cool waters including, but not limited to, native sturgeon, Pacific lamprey, suckers, chub, sculpins and certain species of cyprinids (minnows.)

(13) "Core Cold Water Habitat Use" means waters expected to maintain temperatures within the range generally considered optimal for salmon and steelhead rearing, or that are suitable for bull trout migration, foraging and sub-adult rearing that occurs during the summer. These uses are designated on the following subbasin maps set out at OAR 340-041-0101 to 340-041-0340: Figures 130A, 151A, 160A, 170A, 180A, 201A, 220A, 230A, 271A, 286A, 300A, 310A, 320A, and 340A.

(14) "Critical Habitat" means those areas that support rare, threatened, or endangered species or serve as sensitive spawning and rearing areas for aquatic life as designated by the U.S. Fish and Wildlife Service or National Oceanic and Atmospheric Administration-Fisheries according to the Endangered Species Act (16 U.S. Code § 1531).

(15) "Daily Mean" for dissolved oxygen means the numeric average of an adequate number of data to describe the variation in dissolved oxygen concentration throughout a day, including daily maximums and minimums. For calculating the mean, concentrations in excess of 100 percent of saturation are valued at the saturation concentration.

(16) "Department" or "DEQ" means the Oregon State Department of Environmental Quality.

(17) "Designated Beneficial Use" means the purpose or benefit to be derived from a water body as designated by the Water Resources Department or the Water Resources Commission.

(18) "DO" means dissolved oxygen.

(19) "Ecological Integrity" means the summation of chemical, physical, and biological integrity capable of supporting and maintaining a balanced, integrated, adaptive community

of organisms having a species composition, diversity, and functional organization comparable to that of the natural habitat of the region.

(20) "Epilimnion" means the seasonally stratified layer of a lake or reservoir above the metalimnion; the surface layer.

(21) "Erosion Control Plan" means a plan containing a list of best management practices to be applied during construction to control and limit soil erosion.

(22) “Estuarine Waters” means all mixed fresh and oceanic waters in estuaries or bays from the point of oceanic water intrusion inland to a line connecting the outermost points of the headlands or protective jetties.

(23) "High Quality Waters" means those waters that meet or exceed levels necessary to support the propagation of fish, shellfish and wildlife; recreation in and on the water; and other designated beneficial uses.

(24) "Hypolimnion" means the seasonally stratified layer of a lake or reservoir below the metalimnion; the bottom layer.

(25) "Industrial Waste" means any liquid, gaseous, radioactive, or solid waste substance or a combination thereof resulting from any process of industry, manufacturing, trade, or business or from the development or recovery of any natural resources.

(26) "In Lieu Fee" means a fee collected by a jurisdiction in lieu of requiring construction of onsite stormwater quality control facilities.

(27) "Intergravel Dissolved Oxygen" (IGDO) means the concentration of oxygen measured in the water within the stream bed gravels. Measurements should be taken within a limited time period before emergence of fry.

(28) "Jurisdiction" means any city or county agency in the Tualatin River and Oswego Lake subbasin that regulates land development activities within its boundaries by approving plats or site plans or issuing permits for land development.

(29) "Land Development" means any human-induced change to improved or unimproved real estate including, but not limited to, construction, installation or expansion of a building or other structure; land division; drilling; or site alteration such as land surface mining, dredging, grading, construction of earthen berms, paving, improvements for use as parking or storage, excavation or clearing.

(30) "Load Allocation” or “LA" means the portion of a receiving water's loading capacity that is attributed either to one of its existing or future nonpoint sources of pollution or to natural background sources. Load allocations are best estimates of the loading that may range from reasonably accurate estimates to gross allotments, depending on the availability of data and appropriate techniques for predicting loading. Whenever possible, natural and nonpoint source loads should be distinguished.

(31) "Loading Capacity” or “LC" means the greatest amount of loading that a water body can receive without violating water quality standards.

(32) "Low Flow Period" means the flows in a stream resulting primarily from groundwater discharge or base flows augmented from lakes and storage projects during the driest period of the year. The dry weather period varies across the state according to climate and topography. Wherever the low flow period is indicated in Water Quality Management Plans, this period has been approximated by the inclusive months. Where applicable in a waste discharge permit, the low flow period may be further defined.

(33) "Managed Lakes" refers to lakes in which hydrology is managed by controlling the rate or timing of inflow or outflow.

(34) “Marine Waters” means all oceanic, offshore waters outside of estuaries or bays and within the territorial limits of the State of Oregon.

(35) "mg/l" or "mg/L" means milligrams per liter.

(36) "Metalimnion" means the seasonal, thermally stratified layer of a lake or reservoir that is characterized by a rapid change in temperature with depth and that effectively isolates the waters of the epilimnion from those of the hypolimnion during the period of stratification; the middle layer.

(37) "Migration Corridors" mean those waters that are predominantly used for salmon and steelhead migration during the summer and have little or no anadromous salmonid rearing in the months of July and August. Migration corridors are designated in Tables 101B and 121B and Figures 151A, 170A, 300A and 340A under OAR 340-041-0101 to 340-041-0340.

(38) "Minimum" for dissolved oxygen means the minimum recorded concentration including seasonal and diurnal minimums.

(39) "Monthly (30-day) Mean Minimum" for dissolved oxygen means the minimum of the 30 consecutive-day floating averages of the calculated daily mean dissolved oxygen concentration.

(40) "Natural Conditions" means conditions or circumstances affecting the physical, chemical, or biological integrity of a water of the state that are not influenced by past or present anthropogenic activities. Disturbances from wildfire, floods, earthquakes, volcanic or geothermal activity, wind, insect infestation and diseased vegetation are considered natural conditions.

(41) "Natural Thermal Potential" means the determination of the thermal profile of a water body using best available methods of analysis and the best available information on the site-potential riparian vegetation, stream geomorphology, stream flows and other measures to reflect natural conditions.

(42) "Nonpoint Sources" means any source of water pollution other than a point source. Generally, a nonpoint source is a diffuse or unconfined source of pollution where wastes can

either enter into waters of the state or be conveyed by the movement of water into waters of the state.

(43) "Ocean Waters" means all oceanic, offshore waters outside of estuaries or bays and within the territorial limits of Oregon.

(44) "Outstanding Resource Waters" means waters designated by the EQC where existing high quality waters constitute an outstanding state or national resource based on their extraordinary water quality or ecological values or where special water quality protection is needed to maintain critical habitat areas.

(45) "Pollution" means such contamination or other alteration of the physical, chemical, or biological properties of any waters of the state, including change in temperature, taste, color, turbidity, silt, or odor of the waters, or such discharge of any liquid, gaseous, solid, radioactive, or other substance into any water of the state that either by itself or in connection with any other substance present can reasonably be expected to create a public nuisance or render such waters harmful, detrimental, or injurious to public health, safety, or welfare; to domestic, commercial, industrial, agricultural, recreational, or other legitimate beneficial uses; or to livestock, wildlife, fish, other aquatic life or the habitat thereof.

(46) "Point Source" means a discernible, confined, and discrete conveyance including, but not limited to, a pipe, ditch, channel, tunnel, conduit, well, discrete fissure, container, rolling stock, concentrated animal feeding operation, vessel or other floating craft, or leachate collection system from which pollutants are or may be discharged. Point source does not include agricultural storm water discharges and return flows from irrigated agriculture.

(47) "Public Water" means the same as "waters of the state".

(48) "Public Works Project" means any land development conducted or financed by a local, state, or federal governmental body.

(49) "Reserve Capacity" means that portion of a receiving stream's loading capacity that has not been allocated to point sources or to nonpoint sources and natural background as waste load allocations or load allocations, respectively. The reserve capacity includes that loading capacity that has been set aside for a safety margin and is otherwise unallocated.

(50) "Resident Biological Community" means aquatic life expected to exist in a particular habitat when water quality standards for a specific ecoregion, basin or water body are met. This must be established by accepted biomonitoring techniques.

(51) "Salmon" means chinook, chum, coho, sockeye and pink salmon.

(52) "Salmon and Steelhead Spawning Use" means waters that are or could be used for salmon and steelhead spawning, egg incubation, and fry emergence. These uses are designated on the following subbasin maps set out at OAR 340-041-0101 to 340-041-0340: Tables 101B, and 121B, and Figures 130B, 151B, 160B, 170B, 220B, 230B, 271B, 286B, 300B, 310B, 320B, and 340B.

(53) "Salmon and Trout Rearing and Migration Use" means thermally suitable rearing habitat for salmon, steelhead, rainbow trout, and cutthroat trout as designated on subbasin maps set out at OAR 340-041-0101 to 340-041-0340: Figures 130A, 151A, 160A, 170A, 220A, 230A, 271A, 286A, 300A, 310A, 320A, and 340A.

(54) "Salmonid or Salmonids" means native salmon, trout, mountain whitefish and char including bull trout. For purposes of Oregon water quality standards, salmonid does not include brook or brown trout because they are introduced species.

(55) "Secondary Treatment" means the following depending on the context:

(a) For sewage wastes, secondary treatment means the minimum level of treatment mandated by U.S. Environmental Protection Agency regulations pursuant to Public Law 92-500.

(b) For industrial and other waste sources, secondary treatment means control equivalent to best practicable treatment.

(56) "Seven-Day Average Maximum Temperature" means a calculation of the average of the daily maximum temperatures from seven consecutive days made on a rolling basis.

(57) "Sewage" means the water-carried human or animal waste from residences, buildings, industrial establishments, or other places together with such groundwater infiltration and surface water as may be present. The admixture with sewage of industrial wastes or wastes, as defined in this rule, may also be considered "sewage" within the meaning of this division.

(58) "Short-Term Disturbance" means a temporary disturbance of six months or less when water quality standards may be violated briefly but not of sufficient duration to cause acute or chronic effects on beneficial uses.

(59) "Spatial Median" means the value that falls in the middle of a data set of multiple intergravel dissolved oxygen (IGDO) measurements taken within a spawning area. Half the samples should be greater than and half the samples should be less than the spatial median.

(60) "SS" means suspended solids.

(61) "Stormwater Quality Control Facility" means any structure or drainage way designed, constructed and maintained to collect and filter, retain, or detain surface water runoff during and after a storm event for the purpose of water quality improvement. It may also include, but is not ~~be~~ limited to, existing features such as wetlands, water quality swales and ponds maintained as stormwater quality control facilities.

(62) "Subbasin" means a fourth-field hydrologic unit as identified by the U.S. Geological Survey.

(63) "Summer" means June 1 through September 30 of each calendar year.

(64) "Threatened or Endangered Species" means aquatic species listed as either threatened or endangered under the federal Endangered Species Act (16 U.S. Code § 1531 et seq. and Title 50 of the Code of Federal Regulations).

(65) "Total Maximum Daily Load (TMDL)" means the sum of the individual waste load allocations (WLAs) for point sources and load allocations (LAs) for nonpoint sources and background. If receiving water has only one point source discharger, the TMDL is the sum of that point source WLA plus the LAs for any nonpoint sources of pollution and natural background sources, tributaries, or adjacent segments. TMDLs can be expressed in terms of either mass per time, toxicity, or other appropriate measure. If Best Management Practices (BMPs) or other nonpoint source pollution controls make more stringent load allocations practicable, then wasteload allocations can be made less stringent. Thus, the TMDL process provides for nonpoint source control tradeoffs.

(66) "Toxic Substance" means those pollutants or combinations of pollutants, including disease-causing agents, that after introduction to waters of the state and upon exposure, ingestion, inhalation or assimilation either directly from the environment or indirectly by ingestion through food chains will cause death, disease, behavioral abnormalities, cancer, genetic mutations, physiological malfunctions (including malfunctions in reproduction), or physical deformations in any organism or its offspring.

(67) "Wasteload Allocation" or "WLA" means the portion of a receiving water's loading capacity allocated to one of its existing or future point sources of pollution. WLAs constitute a type of water quality-based effluent limitation.

(68) "Warm-Water Aquatic Life" means the aquatic communities that are adapted to warm-water conditions and do not contain either cold- or cool-water species.

(69) "Wastes" means sewage, industrial wastes, and all other liquid, gaseous, solid, radioactive, or other substances that may cause or tend to cause pollution of any water of the state.

(70) "Water Quality Limited" means one of the following:

(a) A receiving stream that does not meet narrative or numeric water quality criteria during the entire year or defined season even after the implementation of standard technology;

(b) A receiving stream that achieves and is expected to continue to achieve narrative or numeric water quality criteria but uses higher than standard technology to protect beneficial uses;

(c) A receiving stream for which there is insufficient information to determine whether water quality criteria are being met with higher-than-standard treatment technology or a receiving stream that would not be expected to meet water quality criteria during the entire year or defined season without higher than standard technology.

(71) "Water Quality Swale" means a natural depression or wide, shallow ditch used to temporarily store, route or filter runoff for the purpose of improving water quality.

(72) "Waters of the state" means lakes, bays, ponds, impounding reservoirs, springs, wells, rivers, streams, creeks, estuaries, marshes, inlets, canals, the Pacific Ocean within the territorial limits of the State of Oregon, and all other bodies of surface or underground waters, natural or artificial, inland or coastal, fresh or salt, public or private (except those private waters that do not combine or effect a junction with natural surface or underground waters) that are located wholly or partially within or bordering the state or within its jurisdiction.

(73) "Weekly (seven-day) Mean Minimum" for dissolved oxygen means the minimum of the seven consecutive-day floating average of the calculated daily mean dissolved oxygen concentration.

(74) "Weekly (seven-day) Minimum Mean" for dissolved oxygen means the minimum of the seven consecutive-day floating average of the daily minimum concentration. For application of the criteria, this value is the reference for diurnal minimums.

(75) "Without Detrimental Changes in the Resident Biological Community" means no loss of ecological integrity when compared to natural conditions at an appropriate reference site or region.

Statutory/Other Authority: ORS 468.020, 468B.010, 468B.015, 468B.035 & 468B.048
Statutes/Other Implemented: ORS 468B.035 & 468B.048
History:
DEQ 1-2015, f. & cert. ef. 1-7-15
DEQ 3-2012, f. & cert. ef. 5-21-12
DEQ 2-2007, f. & cert. ef. 3-15-07
DEQ 3-2004, f. & cert. ef. 5-28-04
DEQ 17-2003, f. & cert. ef. 12-9-03

Chapter 340 Division 41
WATER QUALITY STANDARDS: BENEFICIAL USES, POLICIES, AND CRITERIA FOR OREGON

340-041-0101
Basin-Specific Criteria (Main Stem Columbia River): Beneficial Uses to Be Protected in the Main Stem Columbia River

(1) Water quality in the main stem Columbia River (see Figure 1) must be managed to protect the designated beneficial uses shown in Table 101A (November 2003).

(2) Designated fish uses to be protected in the main stem Columbia River are shown in Table 101B (October 2023~~November 2003~~).

(3) For purpose of protecting active resident trout spawning areas, as required by OAR 340-041-0016 (1):

(a) The dissolved oxygen spawning criteria will apply to the salmonid spawning locations and times shown on OAR 340-041-0101: Table 101C.

(b) In addition to the salmonid spawning areas shown on Table 101C, DEQ will determine where additional active spawning areas used by resident trout occur as data becomes available. DEQ will identify additional spawning habitat and areas determined to be active resident trout spawning areas in a publicly available inventory. The determinations recorded in the inventory will be incorporated into the designated use tables and maps in OAR 340-041 periodically through rulemaking. When resident trout spawning is determined to be an existing use based on the best available data and is added to the resident trout spawning inventory, DEQ will apply the spawning criteria for dissolved oxygen to protect the existing trout spawning use.

(~~3~~4) Coastal water contact recreation and shellfish harvesting use is to be protected in the portion of the main stem Columbia River designated for these uses in Figure 101A (August 2016).

[NOTE: View a PDF of Figures by clicking on "Tables" link below."

[ED. NOTE: To view attachments referenced in rule text, click here to view rule.]

Statutory/Other Authority: ORS 468.020, 468B.030, 468B.035 & 468B.048
Statutes/Other Implemented: ORS 468B.030, 468B.035 & 468B.048
History:
DEQ 13-2019, amend filed 05/16/2019, effective 05/16/2019
DEQ 9-2016, f. & cert. ef. 8-18-16
DEQ 17-2003, f. & cert. ef. 12-9-03

340-041-0121
Basin-Specific Criteria (Main Stem Snake River): Beneficial Uses to Be Protected in the Main Stem Snake River

(1) Water quality in the main stem Snake River (see Figure 1) must be managed to protect the designated beneficial uses shown in Table 121A (August 2005).

(2) Designated fish uses to be protected in the main stem Snake River are shown in Table 121B (October 2023~~November 2003~~).

(3) For purpose of protecting active resident trout spawning areas, as required by OAR 340-041-0016 (1):

(a) The dissolved oxygen spawning criteria will apply to the salmonid spawning locations and times shown on OAR 340-041-0121: Table 121C.

(b) In addition to the salmonid spawning areas shown on Table 121C, DEQ will determine where additional active spawning areas used by resident trout occur as data becomes available. DEQ will identify additional spawning habitat and areas determined to be active resident trout spawning areas in a publicly available inventory. The determinations recorded in the inventory will be incorporated into the designated use tables and maps in OAR 340-041 periodically through rulemaking. When resident trout spawning is determined to be an existing use based on the best available data and is added to the resident trout spawning inventory, DEQ will apply the spawning criteria for dissolved oxygen to protect the existing trout spawning use.

[NOTE: View a PDF of Figures and Tables by clicking on "Tables" link below.]

[ED. NOTE: To view attachments referenced in rule text, click here to view rule.]

Statutory/Other Authority: ORS 468.020, 468B.030, 468B.035 & 468B.048
Statutes/Other Implemented: ORS 468B.030, 468B.035 & 468B.048
History:
DEQ 13-2019, amend filed 05/16/2019, effective 05/16/2019
DEQ 2-2007, f. & cert. ef. 3-15-07
DEQ 17-2003, f. & cert. ef. 12-9-03

340-041-0130
Basin-Specific Criteria (Deschutes): Beneficial Uses to Be Protected in the Deschutes Basin

(1) Water quality in the Deschutes Basin (see Figure 1) must be managed to protect the designated beneficial uses shown in Table 130A (November 2003).

(2) Designated fish uses to be protected in the Deschutes Basin are shown in Figures 130A, ~~and~~ 130B, 130C and 130D (October 2023~~November 2003~~).

(3) For purpose of protecting active resident trout spawning areas, as required by OAR 340-041-0016 (1):

(a) The dissolved oxygen spawning criteria apply to the salmonid spawning locations and times shown on OAR 340-041-0130: Figure 130D.

(b) In addition to the salmonid spawning areas shown on Figure 130D, DEQ will determine where additional active spawning areas used by resident trout occur as data becomes available. DEQ will identify additional spawning habitat and areas determined to be active resident trout spawning areas in a publicly available inventory. The determinations recorded in the inventory will be incorporated into the designated use tables and maps in OAR 340-041 periodically through rulemaking. When resident trout spawning is determined to be an existing use based on the best available data and is added to the resident trout spawning inventory, DEQ will apply the spawning criteria for dissolved oxygen to protect the existing trout spawning use.

[NOTE: View a PDF of Figures by clicking on "Tables" link below.]

[ED. NOTE: To view attachments referenced in rule text, click here to view rule.]

Statutory/Other Authority: ORS 468.020, 468B.030, 468B.035 & 468B.048
Statutes/Other Implemented: ORS 468B.030, 468B.035 & 468B.048
History:
DEQ 13-2019, amend filed 05/16/2019, effective 05/16/2019
DEQ 17-2003, f. & cert. ef. 12-9-03

340-041-0140
Basin-Specific Criteria (Goose and Summer Lakes): Beneficial Uses to be Protected in Goose and Summer Lake Basins

(1) Water quality in the Goose and Summer Lake Basins (see Figure 1) must be managed to protect the designated beneficial uses shown in Table 140A (November 2003).

(2) Designated fish uses to be protected in the Goose and Summer Lake Basins are shown in Figure 140A, 140B, and 140C ~~Table 140B~~ (October 2023~~November 2003~~).

(3) For purpose of protecting active resident trout spawning areas, as required by OAR 340-041-0016 (1):

(a) The dissolved oxygen spawning criteria will apply to the salmonid spawning locations and times shown on OAR 340-041-0140: Figure 140C.

(b) In addition to the salmonid spawning areas shown on shown on Figure 140C, DEQ will determine where additional active spawning areas used by resident trout occur as data becomes available. DEQ will identify additional spawning habitat and areas determined to be active resident trout spawning areas in a publicly available inventory. The determinations recorded in the inventory will be incorporated into the designated use tables and maps in OAR 340-041 periodically through rulemaking. When resident trout spawning is determined to be an existing use based on the best available data and is added to the resident trout spawning inventory, DEQ will apply the spawning criteria for dissolved oxygen to protect the existing trout spawning use.

[NOTE: View a PDF of Figures and Tables by clicking on "Tables" link below.]

[ED. NOTE: To view attachments referenced in rule text, click here to view rule.]

Statutory/Other Authority: ORS 468.020, 468B.030, 468B.035 & 468B.048
Statutes/Other Implemented: ORS 468B.030, 468B.035 & 468B.048
History:
DEQ 13-2019, amend filed 05/16/2019, effective 05/16/2019
DEQ 17-2003, f. & cert. ef. 12-9-03

340-041-0151
Basin-Specific Criteria (Grande Ronde): Beneficial Uses to Be Protected in the Grande Ronde Basin

(1) Water quality in the Grande Ronde Basin (see Figure 1) must be managed to protect the designated beneficial uses shown in Table 151A (November 2003).

(2) Designated fish uses to be protected in the Grande Ronde Basin are shown in Figures 151A, ~~and~~ 151B, 151C and 151D (October 2023~~November 2003~~).

(3) For purpose of protecting active resident trout spawning areas, as required by OAR 340-041-0016 (1):

(a) The dissolved oxygen spawning criteria will apply to the salmonid spawning locations and times shown on OAR 340-041-0151: Figure 151D.

(b) In addition to the salmonid spawning areas shown on Figure 151D, DEQ will determine where additional active spawning areas used by resident trout occur as data becomes available. DEQ will identify additional spawning habitat and areas determined to be active resident trout spawning areas in a publicly available inventory. The determinations recorded in the inventory will be incorporated into the designated use tables and maps in OAR 340-041 periodically through rulemaking. When resident trout spawning is determined to be an existing use based on the best available data and is added to the resident trout spawning inventory, DEQ will apply the spawning criteria for dissolved oxygen to protect the existing trout spawning use.

[NOTE: View a PDF of Figures and Tables by clicking on "Tables" link below.]

[ED. NOTE: To view attachments referenced in rule text, click here to view rule.]

Statutory/Other Authority: ORS 468.020, 468B.030, 468B.035 & 468B.048
Statutes/Other Implemented: ORS 468B.030, 468B.035 & 468B.048
History:
DEQ 13-2019, amend filed 05/16/2019, effective 05/16/2019
DEQ 17-2003, f. & cert. ef. 12-9-03

340-041-0160
Basin-Specific Criteria (Hood): Beneficial Uses to Be Protected in the Hood Basin

(1) Water quality in the Hood Basin (see Figure 1) must be managed to protect the designated beneficial uses shown in Table 160A (November 2003).

(2) Designated fish uses to be protected in the Hood Basin are shown in Figures 160A, ~~and~~ 160B, 160C and 160D. (October 2023~~November 2003~~).

(3) For purpose of protecting active resident trout spawning areas, as required by OAR 340-041-0016 (1):

(a) The dissolved oxygen spawning criteria will apply to the salmonid spawning locations and times shown on OAR 340-041-0101: Figure 160D.

(b) In addition to the salmonid spawning areas shown on Figure 160D, DEQ will determine where additional active spawning areas used by resident trout occur as data becomes available. DEQ will identify additional spawning habitat and areas determined to be active resident trout spawning areas in a publicly available inventory. The determinations recorded in the inventory will be incorporated into the designated use tables and maps in OAR 340-041 periodically through rulemaking. When resident trout spawning is determined to be an existing use based on the best available data and is added to the resident trout spawning inventory, DEQ will apply the spawning criteria for dissolved oxygen to protect the existing trout spawning use.

[NOTE: View a PDF of Figures and Tables by clicking on "Tables" link below.]

[ED. NOTE: To view attachments referenced in rule text, click here to view rule.]

Statutory/Other Authority: ORS 468.020, 468B.030, 468B.035 & 468B.048
Statutes/Other Implemented: ORS 468B.030, 468B.035 & 468B.048
History:
DEQ 13-2019, amend filed 05/16/2019, effective 05/16/2019
DEQ 17-2003, f. & cert. ef. 12-9-03

340-041-0170
Basin-Specific Criteria (John Day): Beneficial Uses to Be Protected in the John Day Basin

(1) Water quality in the John Day Basin (see Figure 1) must be managed to protect the designated beneficial uses shown in Table 170A (November 2003).

(2) Designated fish uses to be protected in the John Day Basin are shown in Figures 170A, ~~and~~ 170B, 170C and 170D (October 2023~~November 2003~~).

(3) For purpose of protecting active resident trout spawning areas, as required by OAR 340-041-0016 (1):

(a) The dissolved oxygen spawning criteria will apply to the salmonid spawning locations and times shown on the following tables and figures in OAR 340-041-0170: Figure 170D.

(b) In addition to the salmonid spawning areas shown on Figure 170D, DEQ will determine where additional active spawning areas used by resident trout occur as data becomes available. DEQ will identify additional spawning habitat and areas determined to be active resident trout spawning areas in a publicly available inventory. The determinations recorded

in the inventory will be incorporated into the designated use tables and maps in OAR 340-041 periodically through rulemaking. When resident trout spawning is determined to be an existing use based on the best available data and is added to the resident trout spawning inventory, DEQ will apply the spawning criteria for dissolved oxygen to protect the existing trout spawning use.

[NOTE: View a PDF of Figures and Tables by clicking on "Tables" link below.]

[ED. NOTE: To view attachments referenced in rule text, click here to view rule.]

Statutory/Other Authority: ORS 468.020, 468B.030, 468B.035 & 468B.048
Statutes/Other Implemented: ORS 468B.030, 468B.035 & 468B.048
History:
DEQ 12-2022, minor correction filed 08/09/2022, effective 08/09/2022
DEQ 13-2019, amend filed 05/16/2019, effective 05/16/2019
DEQ 17-2003, f. & cert. ef. 12-9-03

340-041-0180
Basin-Specific Criteria (Klamath): Beneficial Uses to Be Protected in the Klamath Basin

(1) Water quality in the Klamath Basin (see Figure 1) must be managed to protect the designated beneficial uses shown in Table 180A (August 2005).

(2) Designated fish uses to be protected in the Klamath Basin are shown in Figures 180A, 180B, 180C, and 180D (October 2023~~November 2003~~).

(3) For purpose of protecting active resident trout spawning areas, as required by OAR 340-041-0016 (1):

(a) The dissolved oxygen spawning criteria will apply to the salmonid spawning locations and times shown on OAR 340-041-0180 Figure 180D.

(b) In addition to the salmonid spawning areas shown on Figure 180D, DEQ will determine where additional active spawning areas used by resident trout occur as data becomes available. DEQ will identify additional spawning habitat and active resident trout spawning areas in a publicly available inventory. The determinations recorded in the inventory will be incorporated into the designated use tables and maps in OAR 340-041 periodically through rulemaking. When resident trout spawning is determined to be an existing use based on the best available data and is added to the resident trout spawning inventory, DEQ will apply the spawning criteria for dissolved oxygen to protect the existing trout spawning use.

[NOTE: View a PDF of Figures and Tables by clicking on "Tables" link below.]

[ED. NOTE: To view attachments referenced in rule text, click here to view rule.]

Statutory/Other Authority: ORS 468.020, 468B.030, 468B.035 & 468B.048
Statutes/Other Implemented: ORS 468B.030, 468B.035 & 468B.048
History:

DEQ 13-2019, amend filed 05/16/2019, effective 05/16/2019
DEQ 2-2007, f. & cert. ef. 3-15-07
DEQ 17-2003, f. & cert. ef. 12-9-03

340-041-0190
Basin-Specific Criteria (Malheur Lake): Beneficial Uses to Be Protected in the Malheur Lake Basin

(1) Water quality in the Malheur Lake Basin (see Figure 1) must be managed to protect the designated beneficial uses shown in Table 190A (November 2003).

(2) Designated fish uses to be protected in the Malheur Lake Basin are shown in Figures 190A, 190B, 190C. ~~Table 190B,~~ (October 2023~~November 2003~~).

(3) For purpose of protecting active resident trout spawning areas, as required by OAR 340-041-0016 (1):

(a) The dissolved oxygen spawning criteria will apply to the salmonid spawning locations and times shown on OAR 340-041-0190: Figure 190C.

(b) In addition to the salmonid spawning areas shown on Figure 190C, DEQ will determine where additional active spawning areas used by resident trout occur as data becomes available. DEQ will identify additional spawning habitat and areas determined to be active resident trout spawning areas in a publicly available inventory. The determinations recorded in the inventory will be incorporated into the designated use tables and maps in OAR 340-041 periodically through rulemaking. When resident trout spawning is determined to be an existing use based on the best available data and is added to the resident trout spawning inventory, DEQ will apply the spawning criteria for dissolved oxygen to protect the existing trout spawning use.

[NOTE: View a PDF of Figures and Tables by clicking on "Tables" link below.]

[ED. NOTE: To view attachments referenced in rule text, click here to view rule.]

Statutory/Other Authority: ORS 468.020, 468B.030, 468B.035 & 468B.048
Statutes/Other Implemented: ORS 468B.030, 468B.035 & 468B.048
History:
DEQ 13-2019, amend filed 05/16/2019, effective 05/16/2019
DEQ 17-2003, f. & cert. ef. 12-9-03

340-041-0201
Basin-Specific Criteria (Malheur River):Beneficial Uses to Be Protected in the Malheur River Basin

(1) Water quality in the Malheur River Basin (see Figure 1) must be managed to protect the designated beneficial uses shown in Table 201A (August 2005).

(2) Designated fish uses to be protected in the Malheur River Basin are shown in Figures 201A, 201B and 201C (October 2023~~August 2005~~).

(3) For purpose of protecting active resident trout spawning areas, as required by OAR 340-041-0016 (1):

(a) The dissolved oxygen spawning criteria will apply to the salmonid spawning locations and times shown on the following tables and figures in OAR 340-041-0201: Figure 201C.

(b) In addition to the salmonid spawning areas shown on Figure 201C, DEQ will determine where additional active spawning areas used by resident trout occur as data becomes available. DEQ will identify additional spawning habitat and areas determined to be active resident trout spawning areas in a publicly available inventory. The determinations recorded in the inventory will be incorporated into the designated use tables and maps in OAR 340-041 periodically through rulemaking. When resident trout spawning is determined to be an existing use based on the best available data and is added to the resident trout spawning inventory, DEQ will apply the spawning criteria for dissolved oxygen to protect the existing trout spawning use.

[NOTE: View a PDF of Figures and Tables by clickingclickiing on "Tables" link below.]

[ED. NOTE: To view attachments referenced in rule text, click here to view rule.]

Statutory/Other Authority: ORS 468.020, 468B.030, 468B.035 & 468B.048
Statutes/Other Implemented: ORS 468B.030, 468B.035 & 468B.048
History:
DEQ 13-2019, amend filed 05/16/2019, effective 05/16/2019
DEQ 2-2007, f. & cert. ef. 3-15-07
DEQ 17-2003, f. & cert. ef. 12-9-03

340-041-0220
Basin-Specific Criteria (Mid Coast Basin): Beneficial Uses to Be Protected in the Mid Coast Basin

(1) Water quality in the Mid Coast Basin (see Figure 1) may be managed to protect the designated beneficial uses shown in Table 220A (November 2003).

(2) Designated fish uses to be protected in the Mid Coast Basin are shown in Figures 220A, and 220B, 220I and 220J (October 2023November 2003).

(3) For purpose of protecting active resident trout spawning areas, as required by OAR 340-041-0016 (1):

(a) The dissolved oxygen spawning criteria will apply to the salmonid spawning locations and times shown on the following tables and figures in OAR 340-041-0220: Figure 220J.

(b) In addition to the salmonid spawning areas shown on Figure 220J, DEQ will determine where additional active spawning areas used by resident trout occur as data becomes available. DEQ will identify additional spawning habitat and areas determined to be active resident trout spawning areas in a publicly available inventory. The determinations recorded in the inventory will be incorporated into the designated use tables and maps in OAR 340-

041 periodically through rulemaking. When resident trout spawning is determined to be an existing use based on the best available data and is added to the resident trout spawning inventory, DEQ will apply the spawning criteria for dissolved oxygen to protect the existing trout spawning use.

(~~3~~4) Coastal water contact recreation use is to be protected in all Mid Coast Basin marine waters and in coastal waters designated in Figures 220C through 220H (August 2016).

(~~4~~5) Shellfish harvesting use is to be protected in all Mid Coast Basin marine waters and in coastal waters designated in Figures 220C through 220H (August 2016).

[NOTE: View a PDF of Figures and Tables by clicking on "Tables" link below.]

[ED. NOTE: To view attachments referenced in rule text, click here to view rule.]

Statutory/Other Authority: ORS 468.020, 468B.030, 468B.035 & 468B.048
Statutes/Other Implemented: ORS 468B.030, 468B.035 & 468B.048
History:
DEQ 13-2019, amend filed 05/16/2019, effective 05/16/2019
DEQ 9-2016, f. & cert. ef. 8-18-16
DEQ 17-2003, f. & cert. ef. 12-9-03

340-041-0230
Basin-Specific Criteria (North Coast): Beneficial Uses to Be Protected in the North Coast Basin

(1) Water quality in the North Coast Basin (see Figure 1) must be managed to protect the designated beneficial uses shown in Table 230A (November 2003).

(2) Designated fish uses to be protected in the North Coast Basin are shown in Figures 230A, ~~and~~ 230B, 230I and 230J (October 2023~~November 2003~~).

(3) For purpose of protecting active resident trout spawning areas, as required by OAR 340-041-0016 (1):

(a) The dissolved oxygen spawning criteria will apply to the salmonid spawning locations and times shown on OAR 340-041-0230: Figure 230J.

(b) In addition to the salmonid spawning areas shown on Figure 230J, DEQ will determine where additional active spawning areas used by resident trout occur as data becomes available. DEQ will identify additional spawning habitat and areas determined to be active resident trout spawning areas in a publicly available inventory. The determinations recorded in the inventory will be incorporated into the designated use tables and maps in OAR 340-041 periodically through rulemaking. When resident trout spawning is determined to be an existing use based on the best available data and is added to the resident trout spawning inventory, DEQ will apply the spawning criteria for dissolved oxygen to protect the existing trout spawning use.

(~~3~~4) Coastal water contact recreation use is to be protected in all North Coast Basin marine waters and in coastal waters designated in Figures 230C through 230H (August 2016).

(~~4~~5) Shellfish harvesting use is to be protected in all North Coast Basin marine waters and in coastal waters as designated in Figures 230Cthrough 230H (August 2016).

[NOTE: View a PDF of Figures and Tables by clicking on "Tables" link below.]

[ED. NOTE: To view attachments referenced in rule text, click here to view rule.]

Statutory/Other Authority: ORS 468.020, 468B.030, 468B.035 & 468B.048
Statutes/Other Implemented: ORS 468B.030, 468B.035 & 468B.048
History:
DEQ 13-2019, amend filed 05/16/2019, effective 05/16/2019
DEQ 9-2016, f. & cert. ef. 8-18-16
DEQ 17-2003, f. & cert. ef. 12-9-03

340-041-0250
Basin-Specific Criteria (Owyhee): Beneficial Uses to Be Protected in the Owyhee Basin

(1) Water quality in the Owyhee Basin (see Figure 1) must be managed to protect the designated beneficial uses shown in Table 250A (November 2003).

(2) Designated fish uses to be protected in the Owyhee Basin are shown in Figure 250A, 250B, and 250C ~~Table 250B~~ (October 2023~~November 2003~~).

(3) For purposes of applying the salmonid spawning criteria for active resident trout spawning areas as defined in OAR 340-041-0016 (1):

(a) Salmonid spawning use, including resident trout spawning is designated for the locations and times shown on OAR 340-041-0250: Figure 250C.

(b) In addition to the salmonid spawning areas shown on Figure 250C, DEQ will determine where additional active spawning areas used by resident trout occur as data becomes available. DEQ will identify additional spawning habitat and areas determined to be active resident trout spawning areas on a publicly available inventory until such time that the use determinations are incorporated into the designated use tables and maps in OAR 340-041. When resident trout spawning is determined to be an existing use based on the best available data and is added to the resident trout spawning inventory, DEQ will apply the spawning criteria for dissolved oxygen to protect the existing salmonid spawning use.

[NOTE: View a PDF of Figures and Tables by clicking on "Tables" link below.]

[ED. NOTE: To view attachments referenced in rule text, click here to view rule.]

Statutory/Other Authority: ORS 468.020, 468B.030, 468B.035 & 468B.048
Statutes/Other Implemented: ORS 468B.030, 468B.035 & 468B.048
History:

DEQ 13-2019, amend filed 05/16/2019, effective 05/16/2019
DEQ 17-2003, f. & cert. ef. 12-9-03

340-041-0260
Basin-Specific Criteria (Powder/Burnt): Beneficial Uses to Be Protected in the Powder/Burnt Basins

(1) Water quality in the Powder/Burnt Basins (see Figure 1) must be managed to protect the designated beneficial uses shown in Table 260A (August 2005).

(2) Designated fish uses to be protected in the Powder/Burnt Basins are shown in Figure 260A, 260B, 260C and 260D (October 2023~~November 2003~~).

(3) For purposes of applying the salmonid spawning criteria for active resident trout spawning areas as defined in OAR 340-041-0016 (1):

(a) Salmonid spawning use, including resident trout spawning is designated for the locations and times shown on OAR 340-041-0260: Figure 260D.

(b) In addition to the salmonid spawning areas shown on Figure 260D, DEQ will determine where additional active spawning areas used by resident trout occur as data becomes available. DEQ will identify additional spawning habitat and areas not found to be spawning habitat on a publicly available inventory until such time that the use determinations are incorporated into the designated use tables and maps in OAR 340-041. When resident trout spawning is determined to be an existing use based on the best available data and is added to the resident trout spawning inventory, DEQ will apply the spawning criteria for dissolved oxygen to protect the existing salmonid spawning use.

[NOTE: View a PDF of Figures and Tables by clicking on "Tables" link below.]

[ED. NOTE: To view attachments referenced in rule text, click here to view rule.]

Statutory/Other Authority: ORS 468.020, 468B.030, 468B.035 & 468B.048
Statutes/Other Implemented: ORS 468B.030, 468B.035 & 468B.048
History:
DEQ 13-2019, amend filed 05/16/2019, effective 05/16/2019
DEQ 2-2007, f. & cert. ef. 3-15-07
DEQ 17-2003, f. & cert. ef. 12-9-03

340-041-0271
Basin-Specific Criteria (Rogue): Beneficial Uses to Be Protected in the Rogue Basin

(1) Water quality in the Rogue Basin (see Figure 1) must be managed to protect the designated beneficial uses shown in Table 271A (November 2003).

(2) Designated fish uses to be protected in the Rogue Basin are shown in Figures 271A, ~~(November 2003) and~~ 271B, 271C and 271D (October 2023~~August 2005~~).

(3) For purpose of protecting active resident trout spawning areas, as required by OAR 340-041-0016 (1):

(a) The dissolved oxygen spawning criteria will apply to the salmonid spawning locations and times shown on OAR 340-041-0271: Figures 271D.

(b) In addition to the salmonid spawning areas shown on Figure 271D, DEQ will determine where additional active spawning areas used by resident trout occur as data becomes available. DEQ will identify additional spawning habitat and areas determined to be active resident trout spawning areas in a publicly available inventory. The determinations recorded in the inventory will be incorporated into the designated use tables and maps in OAR 340-041 periodically through rulemaking. When resident trout spawning is determined to be an existing use based on the best available data and is added to the resident trout spawning inventory, DEQ will apply the spawning criteria for dissolved oxygen to protect the existing trout spawning use.

[NOTE: View a PDF of Figures and Tables by clicking on "Tables" link below~~.~~.]

[ED. NOTE: To view attachments referenced in rule text, click here to view rule.]

Statutory/Other Authority: ORS 468.020, 468B.030, 468B.035 & 468B.048
Statutes/Other Implemented: ORS 468B.030, 468B.035 & 468B.048
History:
DEQ 13-2019, amend filed 05/16/2019, effective 05/16/2019
DEQ 2-2007, f. & cert. ef. 3-15-07
DEQ 17-2003, f. & cert. ef. 12-9-03

340-041-0286
Basin-Specific Criteria (Sandy Basin): Beneficial Uses to Be Protected in the Sandy Basin

(1) Water quality in the Sandy Basin (see Figure 1) must be managed to protect the designated beneficial uses shown in Table 286A (November 2003).

(2) Designated fish uses to be protected in the Sandy Basin are shown in Figures 286A, ~~and~~ 286B, 286C and 286D (October 2023~~November 2003~~).

(3) For purpose of protecting active resident trout spawning areas, as required by OAR 340-041-0016 (1):

(a) The dissolved oxygen spawning criteria will apply to the salmonid spawning locations and times shown on OAR 340-041-0286A: Figure 286D.

(b) In addition to the salmonid spawning areas shown on Figure 286D, DEQ will determine where additional active spawning areas used by resident trout occur as data becomes available. DEQ will identify additional spawning habitat and areas determined to be active resident trout spawning areas in a publicly available inventory. The determinations recorded in the inventory will be incorporated into the designated use tables and maps in OAR 340-

041 periodically through rulemaking. When resident trout spawning is determined to be an existing use based on the best available data and is added to the resident trout spawning inventory, DEQ will apply the spawning criteria for dissolved oxygen to protect the existing trout spawning use.

[NOTE: View a PDF of Figures and Tables by clicking on "Tables" link below.]

[ED. NOTE: To view attachments referenced in rule text, click here to view rule.]

Statutory/Other Authority: ORS 468.020, 468B.030, 468B.035 & 468B.048
Statutes/Other Implemented: ORS 468B.030, 468B.035 & 468B.048
History:
DEQ 13-2019, amend filed 05/16/2019, effective 05/16/2019
DEQ 17-2003, f. & cert. ef. 12-9-03

340-041-0300
Basin-Specific Criteria (South Coast): Beneficial Uses to Be Protected in the South Coast Basin

(1) Water quality in the South Coast Basin (see Figure 1) must be managed to protect the designated beneficial uses shown in Table 300A (November 2003).

(2) Designated fish uses to be protected in the South Coast Basin are shown in Figures 300A, ~~(August 2005) and~~ 300B, 300E and 300F (October 2023~~November 2003~~).

(3) For purpose of protecting active resident trout spawning areas, as required by OAR 340-041-0016 (1):

(a) The dissolved oxygen spawning criteria will apply to the salmonid spawning locations and times shown on OAR 340-041-0300: Figure 300F.

(b) In addition to the salmonid spawning areas shown on Figure 300F, DEQ will determine where additional active spawning areas used by resident trout occur as data becomes available. DEQ will identify additional spawning habitat and areas determined to be active resident trout spawning areas in a publicly available inventory. The determinations recorded in the inventory will be incorporated into the designated use tables and maps in OAR 340-041 periodically through rulemaking. When resident trout spawning is determined to be an existing use based on the best available data and is added to the resident trout spawning inventory, DEQ will apply the spawning criteria for dissolved oxygen to protect the existing trout spawning use.

(~~3~~4) Coastal water contact recreation use is to be protected in all South Coast Basin marine waters and in coastal waters designated in Figures 300C and 300D (August 2016).

(~~4~~5) Shellfish harvesting use is to be protected in all South Coast Basin marine waters and in coastal waters as designated in Figures 300C and 300D (August 2016)

[NOTE: View a PDF of Figures and Tables by clicking on "Tables" link below.]

[ED. NOTE: To view attachments referenced in rule text, click here to view rule.]

Statutory/Other Authority: ORS 468.020, 468B.030, 468B.035 & 468B.048
Statutes/Other Implemented: ORS 468B.030, 468B.035 & 468B.048
History:
DEQ 13-2019, amend filed 05/16/2019, effective 05/16/2019
DEQ 9-2016, f. & cert. ef. 8-18-16
DEQ 2-2007, f. & cert. ef. 3-15-07
DEQ 17-2003, f. & cert. ef. 12-9-03

340-041-0310
Basin-Specific Criteria (Umatilla): Beneficial Uses to Be Protected in the Umatilla Basin

(1) Water quality in the Umatilla Basin (see Figure 1) must be managed to protect the designated beneficial uses shown in Table 310A (January 2015).

(2) Designated fish uses to be protected in the Umatilla Basin are shown in Figures 310A, ~~and~~ 310B, 310C and 310D (October 2023~~November 2003~~, except as noted in Table 310A).

(3) For purpose of protecting active resident trout spawning areas, as required by OAR 340-041-0016 (1):

(a) The dissolved oxygen spawning criteria will apply to the salmonid spawning locations and times shown on OAR 340-041-0310: Figures 310D.

(b) In addition to the salmonid spawning areas shown on Figures 310D, DEQ will determine where additional active spawning areas used by resident trout occur as data becomes available. DEQ will identify additional spawning habitat and areas determined to be active resident trout spawning areas in a publicly available inventory. The determinations recorded in the inventory will be incorporated into the designated use tables and maps in OAR 340-041 periodically through rulemaking. When resident trout spawning is determined to be an existing use based on the best available data and is added to the resident trout spawning inventory, DEQ will apply the spawning criteria for dissolved oxygen to protect the existing trout spawning use.

[NOTE: View a PDF of Figures and Tables by clicking on "Tables" link below~~.~~.]

[ED. NOTE: To view attachments referenced in rule text, click here to view rule.]

Statutory/Other Authority: ORS 468.020, 468B.030, 468B.035 & 468B.048
Statutes/Other Implemented: ORS 468B.030, 468B.035 & 468B.048
History:
DEQ 13-2019, amend filed 05/16/2019, effective 05/16/2019
DEQ 1-2015, f. & cert. ef. 1-7-15
DEQ 3-2012, f. & cert. ef. 5-21-12
DEQ 17-2003, f. & cert. ef. 12-9-03

340-041-0320
Basin-Specific Criteria (Umpqua Basin): Beneficial Uses to Be Protected in the Umpqua Basin

(1) Water quality in the Umpqua Basin (see Figure 1) must be managed to protect the designated beneficial uses shown in Table 320A (November 2003).

(2) Designated fish uses to be protected in the Umpqua Basin are shown in Figures 320A, ~~(November 2003) and~~ 320B, 320D and 320E (October 2023~~August 2005~~).

(3) For purpose of protecting active resident trout spawning areas, as required by OAR 340-041-0016 (1):

(a) The dissolved oxygen spawning criteria will apply to the salmonid spawning locations and times shown on OAR 340-041-01320:Figure 320E.

(b) In addition to the salmonid spawning areas shown on Figures 320E, DEQ will determine where additional active spawning areas used by resident trout occur as data becomes available. DEQ will identify additional spawning habitat and areas determined to be active resident trout spawning areas in a publicly available inventory. The determinations recorded in the inventory will be incorporated into the designated use tables and maps in OAR 340-041 periodically through rulemaking. When resident trout spawning is determined to be an existing use based on the best available data and is added to the resident trout spawning inventory, DEQ will apply the spawning criteria for dissolved oxygen to protect the existing trout spawning use.

(~~3~~4) Coastal water contact recreation use is to be protected in all marine waters adjacent to the Umpqua River and in coastal waters designated in Figure 320C (August 2016).

(~~4~~5) Shellfish harvesting use is to be protected in all marine waters adjacent to the Umpqua River and in coastal waters as designated in Figure 320C (August 2016).

[NOTE: View a PDF of referenced Tables and Figures by clicking on the "Tables" link below.]

[ED. NOTE: To view attachments referenced in rule text, click here to view rule.]

Statutory/Other Authority: ORS 468.020, 468B.030, 468B.035 & 468B.048
Statutes/Other Implemented: ORS 468B.030, 468B.035 & 468B.048
History:
DEQ 13-2019, amend filed 05/16/2019, effective 05/16/2019
DEQ 7-2018, minor correction filed 02/14/2018, effective 02/14/2018
DEQ 32-2017, minor correction filed 11/30/2017, effective 11/30/2017
DEQ 9-2016, f. & cert. ef. 8-18-16
DEQ 2-2007, f. & cert. ef. 3-15-07
DEQ 17-2003, f. & cert. ef. 12-9-03

340-041-0330
Basin-Specific Criteria (Walla Walla): Beneficial Uses to Be Protected in the Walla Walla Basin

(1) Water quality in the Walla Walla Basin (see Figure 1) must be managed to protect the designated beneficial uses shown in Table 330A (November 2003).

(2) Designated fish uses to be protected in the Walla Walla Basin are shown in Figures 310A, ~~and~~ 310B, 310C and 310D (October 2023~~November 2003~~).

(3) For purpose of protecting active resident trout spawning areas, as required by OAR 340-041-0016 (1):

(a) The dissolved oxygen spawning criteria will apply to the salmonid spawning locations and times shown on OAR 340-041-0330: Figure 310D.

(b) In addition to the salmonid spawning areas shown on Figures 310D, DEQ will determine where additional active spawning areas used by resident trout occur as data becomes available. DEQ will identify additional spawning habitat and areas determined to be active resident trout spawning areas in a publicly available inventory. The determinations recorded in the inventory will be incorporated into the designated use tables and maps in OAR 340-041 periodically through rulemaking. When resident trout spawning is determined to be an existing use based on the best available data and is added to the resident trout spawning inventory, DEQ will apply the spawning criteria for dissolved oxygen to protect the existing trout spawning use.

[NOTE: View a PDF of Figures and Tables by clicking on "Tables" link below.]

[ED. NOTE: To view attachments referenced in rule text, click here to view rule.]

Statutory/Other Authority: ORS 468.020, 468B.030, 468B.035 & 468B.048
Statutes/Other Implemented: ORS 468B.030, 468B.035 & 468B.048
History:
DEQ 13-2019, amend filed 05/16/2019, effective 05/16/2019
DEQ 17-2003, f. & cert. ef. 12-9-03

340-041-0340
Basin-Specific Criteria (Willamette): Beneficial Uses to Be Protected in the Willamette Basin

(1) Water quality in the Willamette Basin (see Figure 1) must be managed to protect the designated beneficial uses shown in Table 340A (August 2005).

(2) Designated fish uses to be protected in the Willamette Basin are shown in Figures 340A, ~~(November 2003) and~~ 340B, 340C and 340D (October 2023~~August 2005~~).

(3) For purpose of protecting active resident trout spawning areas, as required by OAR 340-041-0016 (1):

(a) The dissolved oxygen spawning criteria will apply to the salmonid spawning locations and times shown on the following tables and figures in OAR 340-041-0340: Figure 340D.

(b) In addition to the salmonid spawning areas shown on Figure 340D, DEQ will determine where additional active spawning areas used by resident trout occur as data becomes available. DEQ will identify additional spawning habitat and areas determined to be active resident trout spawning areas in a publicly available inventory. The determinations recorded in the inventory will be incorporated into the designated use tables and maps in OAR 340-041 periodically through rulemaking. When resident trout spawning is determined to be an existing use based on the best available data and is added to the resident trout spawning inventory, DEQ will apply the spawning criteria for dissolved oxygen to protect the existing trout spawning use.

[NOTE: View a PDF of Figures and Tables by clicking on "Tables" link below.]

[ED. NOTE: To view attachments referenced in rule text, click here to view rule.]

Statutory/Other Authority: ORS 468.020, 468B.030, 468B.035 & 468B.048
Statutes/Other Implemented: ORS 468B.030, 468B.035 & 468B.048
History:
DEQ 5-2020, minor correction filed 02/03/2020, effective 02/03/2020
DEQ 13-2019, amend filed 05/16/2019, effective 05/16/2019
DEQ 2-2007, f. & cert. ef. 3-15-07
DEQ 17-2003, f. & cert. ef. 12-9-03

Draft Rules – Edits Included

Chapter 340 Division 41
WATER QUALITY STANDARDS: BENEFICIAL USES, POLICIES, AND CRITERIA FOR OREGON

340-041-0002
Definitions

Definitions in this rule apply to all basins unless context requires otherwise.

(1) "401 Water Quality Certification" means a determination made by DEQ that a dredge and fill activity, private hydropower facility, or other federally licensed or permitted activity that may result in a discharge to waters of the state has adequate terms and conditions to prevent an exceedance of water quality criteria. The federal permit in question may not be issued without this state determination in accordance with the Federal Clean Water Act, section 401 (33 USC 1341).

(2) "Ambient Stream Temperature" means the stream temperature measured at a specific time and place. The selected location for measuring stream temperature must be representative of the stream in the vicinity of the point being measured.

(3) "Anthropogenic," when used to describe "sources" or "warming," means that which results from human activity.

(4) "Applicable Criteria" means the biologically based temperature criteria in OAR 340-041-0028(4), the superseding cold water protection criteria in 340-041-0028(11) or the superseding natural condition criteria in 340-041-0028(8). The applicable criteria may also be site-specific criteria approved by U.S. EPA. A subbasin may have a combination of applicable temperature criteria derived from some or all of these numeric and narrative criteria.

(5) "Appropriate Reference Site or Region" means a site on the same water body or within the same basin or ecoregion that has similar habitat conditions and represents the water quality and biological community attainable within the areas of concern.

(6) "Aquatic Species" means plants or animals that live at least part of their life cycle in waters of the state.

(7) "Basin" means a third-field hydrologic unit as identified by the U.S. Geological Survey.

(8) "BOD" means 5-day, 20°C Biochemical Oxygen Demand.

(9) "Cold Water Species" means aquatic organisms that are physiologically restricted to cold water including, but not limited to, native salmon, steelhead, mountain whitefish, char including bull trout, and trout.

(10) "Cold Water Refugia" means those portions of a water body where or times during the diel temperature cycle when the water temperature is at least 2 degrees Celsius colder than the daily maximum temperature of the adjacent well-mixed flow of the water body.

(11) "Commission" or “EQC” means the Oregon Environmental Quality Commission.

(12) "Cool Water Species" means aquatic organisms that are physiologically restricted to cool waters including, but not limited to, native sturgeon, Pacific lamprey, suckers, chub, sculpins and certain species of cyprinids (minnows.)

(13) "Core Cold Water Habitat Use" means waters expected to maintain temperatures within the range generally considered optimal for salmon and steelhead rearing, or that are suitable for bull trout migration, foraging and sub-adult rearing that occurs during the summer. These uses are designated on the following subbasin maps set out at OAR 340-041-0101 to 340-041-0340: Figures 130A, 151A, 160A, 170A, 180A, 201A, 220A, 230A, 271A, 286A, 300A, 310A, 320A, and 340A.

(14) "Critical Habitat" means those areas that support rare, threatened, or endangered species or serve as sensitive spawning and rearing areas for aquatic life as designated by the U.S. Fish and Wildlife Service or National Oceanic and Atmospheric Administration-Fisheries according to the Endangered Species Act (16 U.S. Code § 1531).

(15) "Daily Mean" for dissolved oxygen means the numeric average of an adequate number of data to describe the variation in dissolved oxygen concentration throughout a day, including daily maximums and minimums. For calculating the mean, concentrations in excess of 100 percent of saturation are valued at the saturation concentration.

(16) "Department" or "DEQ" means the Oregon State Department of Environmental Quality.

(17) "Designated Beneficial Use" means the purpose or benefit to be derived from a water body as designated by the Water Resources Department or the Water Resources Commission.

(18) "DO" means dissolved oxygen.

(19) "Ecological Integrity" means the summation of chemical, physical, and biological integrity capable of supporting and maintaining a balanced, integrated, adaptive community of organisms having a species composition, diversity, and functional organization comparable to that of the natural habitat of the region.

(20) "Epilimnion" means the seasonally stratified layer of a lake or reservoir above the metalimnion; the surface layer.

(21) "Erosion Control Plan" means a plan containing a list of best management practices to be applied during construction to control and limit soil erosion.

(22) “Estuarine Waters” means all mixed fresh and oceanic waters in estuaries or bays from the point of oceanic water intrusion inland to a line connecting the outermost points of the headlands or protective jetties.

(23) "High Quality Waters" means those waters that meet or exceed levels necessary to support the propagation of fish, shellfish and wildlife; recreation in and on the water; and other designated beneficial uses.

(24) "Hypolimnion" means the seasonally stratified layer of a lake or reservoir below the metalimnion; the bottom layer.

(25) "Industrial Waste" means any liquid, gaseous, radioactive, or solid waste substance or a combination thereof resulting from any process of industry, manufacturing, trade, or business or from the development or recovery of any natural resources.

(26) "In Lieu Fee" means a fee collected by a jurisdiction in lieu of requiring construction of onsite stormwater quality control facilities.

(27) "Intergravel Dissolved Oxygen" (IGDO) means the concentration of oxygen measured in the water within the stream bed gravels. Measurements should be taken within a limited time period before emergence of fry.

(28) "Jurisdiction" means any city or county agency in the Tualatin River and Oswego Lake subbasin that regulates land development activities within its boundaries by approving plats or site plans or issuing permits for land development.

(29) "Land Development" means any human-induced change to improved or unimproved real estate including, but not limited to, construction, installation or expansion of a building or other structure; land division; drilling; or site alteration such as land surface mining, dredging, grading, construction of earthen berms, paving, improvements for use as parking or storage, excavation or clearing.

(30) "Load Allocation” or “LA" means the portion of a receiving water's loading capacity that is attributed either to one of its existing or future nonpoint sources of pollution or to natural background sources. Load allocations are best estimates of the loading that may range from reasonably accurate estimates to gross allotments, depending on the availability of data and appropriate techniques for predicting loading. Whenever possible, natural and nonpoint source loads should be distinguished.

(31) "Loading Capacity” or “LC" means the greatest amount of loading that a water body can receive without violating water quality standards.

(32) "Low Flow Period" means the flows in a stream resulting primarily from groundwater discharge or base flows augmented from lakes and storage projects during the driest period of the year. The dry weather period varies across the state according to climate and topography. Wherever the low flow period is indicated in Water Quality Management Plans, this period has been approximated by the inclusive months. Where applicable in a waste discharge permit, the low flow period may be further defined.

(33) "Managed Lakes" refers to lakes in which hydrology is managed by controlling the rate or timing of inflow or outflow.

(34) “Marine Waters” means all oceanic, offshore waters outside of estuaries or bays and within the territorial limits of the State of Oregon.

(35) "mg/l" or "mg/L" means milligrams per liter.

(36) "Metalimnion" means the seasonal, thermally stratified layer of a lake or reservoir that is characterized by a rapid change in temperature with depth and that effectively isolates the waters of the epilimnion from those of the hypolimnion during the period of stratification; the middle layer.

(37) "Migration Corridors" mean those waters that are predominantly used for salmon and steelhead migration during the summer and have little or no anadromous salmonid rearing in the months of July and August. Migration corridors are designated in Tables 101B and 121B and Figures 151A, 170A, 300A and 340A under OAR 340-041-0101 to 340-041-0340.

(38) "Minimum" for dissolved oxygen means the minimum recorded concentration including seasonal and diurnal minimums.

(39) "Monthly (30-day) Mean Minimum" for dissolved oxygen means the minimum of the 30 consecutive-day floating averages of the calculated daily mean dissolved oxygen concentration.

(40) "Natural Conditions" means conditions or circumstances affecting the physical, chemical, or biological integrity of a water of the state that are not influenced by past or present anthropogenic activities. Disturbances from wildfire, floods, earthquakes, volcanic or geothermal activity, wind, insect infestation and diseased vegetation are considered natural conditions.

(41) "Natural Thermal Potential" means the determination of the thermal profile of a water body using best available methods of analysis and the best available information on the site-potential riparian vegetation, stream geomorphology, stream flows and other measures to reflect natural conditions.

(42) "Nonpoint Sources" means any source of water pollution other than a point source. Generally, a nonpoint source is a diffuse or unconfined source of pollution where wastes can either enter into waters of the state or be conveyed by the movement of water into waters of the state.

(43) "Ocean Waters" means all oceanic, offshore waters outside of estuaries or bays and within the territorial limits of Oregon.

(44) "Outstanding Resource Waters" means waters designated by the EQC where existing high quality waters constitute an outstanding state or national resource based on their extraordinary water quality or ecological values or where special water quality protection is needed to maintain critical habitat areas.

(45) "Pollution" means such contamination or other alteration of the physical, chemical, or biological properties of any waters of the state, including change in temperature, taste, color, turbidity, silt, or odor of the waters, or such discharge of any liquid, gaseous, solid, radioactive, or other substance into any water of the state that either by itself or in connection with any other substance present can reasonably be expected to create a public nuisance or render such waters harmful, detrimental, or injurious to public health, safety, or welfare; to domestic, commercial, industrial, agricultural, recreational, or other legitimate beneficial uses; or to livestock, wildlife, fish, other aquatic life or the habitat thereof.

(46) "Point Source" means a discernible, confined, and discrete conveyance including, but not limited to, a pipe, ditch, channel, tunnel, conduit, well, discrete fissure, container, rolling stock, concentrated animal feeding operation, vessel or other floating craft, or leachate collection system from which pollutants are or may be discharged. Point source does not include agricultural storm water discharges and return flows from irrigated agriculture.

(47) "Public Water" means the same as "waters of the state".

(48) "Public Works Project" means any land development conducted or financed by a local, state, or federal governmental body.

(49) "Reserve Capacity" means that portion of a receiving stream's loading capacity that has not been allocated to point sources or to nonpoint sources and natural background as waste load allocations or load allocations, respectively. The reserve capacity includes that loading capacity that has been set aside for a safety margin and is otherwise unallocated.

(50) "Resident Biological Community" means aquatic life expected to exist in a particular habitat when water quality standards for a specific ecoregion, basin or water body are met. This must be established by accepted biomonitoring techniques.

(51) "Salmon" means chinook, chum, coho, sockeye and pink salmon.

(52) "Salmon and Steelhead Spawning Use" means waters that are or could be used for salmon and steelhead spawning, egg incubation, and fry emergence. These uses are designated on the following subbasin maps set out at OAR 340-041-0101 to 340-041-0340: Tables 101B, and 121B, and Figures 130B, 151B, 160B, 170B, 220B, 230B, 271B, 286B, 300B, 310B, 320B, and 340B.

(53) "Salmon and Trout Rearing and Migration Use" means thermally suitable rearing habitat for salmon, steelhead, rainbow trout, and cutthroat trout as designated on subbasin maps set out at OAR 340-041-0101 to 340-041-0340: Figures 130A, 151A, 160A, 170A, 220A, 230A, 271A, 286A, 300A, 310A, 320A, and 340A.

(54) "Salmonid or Salmonids" means native salmon, trout, mountain whitefish and char including bull trout. For purposes of Oregon water quality standards, salmonid does not include brook or brown trout because they are introduced species.

(55) "Secondary Treatment" means the following depending on the context:

(a) For sewage wastes, secondary treatment means the minimum level of treatment mandated by U.S. Environmental Protection Agency regulations pursuant to Public Law 92-500.

(b) For industrial and other waste sources, secondary treatment means control equivalent to best practicable treatment.

(56) "Seven-Day Average Maximum Temperature" means a calculation of the average of the daily maximum temperatures from seven consecutive days made on a rolling basis.

(57) "Sewage" means the water-carried human or animal waste from residences, buildings, industrial establishments, or other places together with such groundwater infiltration and surface water as may be present. The admixture with sewage of industrial wastes or wastes, as defined in this rule, may also be considered "sewage" within the meaning of this division.

(58) "Short-Term Disturbance" means a temporary disturbance of six months or less when water quality standards may be violated briefly but not of sufficient duration to cause acute or chronic effects on beneficial uses.

(59) "Spatial Median" means the value that falls in the middle of a data set of multiple intergravel dissolved oxygen (IGDO) measurements taken within a spawning area. Half the samples should be greater than and half the samples should be less than the spatial median.

(60) "SS" means suspended solids.

(61) "Stormwater Quality Control Facility" means any structure or drainage way designed, constructed and maintained to collect and filter, retain, or detain surface water runoff during and after a storm event for the purpose of water quality improvement. It may also include, but is not be limited to, existing features such as wetlands, water quality swales and ponds maintained as stormwater quality control facilities.

(62) "Subbasin" means a fourth-field hydrologic unit as identified by the U.S. Geological Survey.

(63) "Summer" means June 1 through September 30 of each calendar year.

(64) "Threatened or Endangered Species" means aquatic species listed as either threatened or endangered under the federal Endangered Species Act (16 U.S. Code § 1531 et seq. and Title 50 of the Code of Federal Regulations).

(65) "Total Maximum Daily Load (TMDL)" means the sum of the individual waste load allocations (WLAs) for point sources and load allocations (LAs) for nonpoint sources and background. If receiving water has only one point source discharger, the TMDL is the sum of that point source WLA plus the LAs for any nonpoint sources of pollution and natural background sources, tributaries, or adjacent segments. TMDLs can be expressed in terms of either mass per time, toxicity, or other appropriate measure. If Best Management Practices (BMPs) or other nonpoint source pollution controls make more stringent load allocations practicable, then wasteload allocations can be made less stringent. Thus, the TMDL process provides for nonpoint source control tradeoffs.

(66) "Toxic Substance" means those pollutants or combinations of pollutants, including disease-causing agents, that after introduction to waters of the state and upon exposure, ingestion, inhalation or assimilation either directly from the environment or indirectly by ingestion through food chains will cause death, disease, behavioral abnormalities, cancer, genetic mutations, physiological malfunctions (including malfunctions in reproduction), or physical deformations in any organism or its offspring.

(67) "Wasteload Allocation" or "WLA" means the portion of a receiving water's loading capacity allocated to one of its existing or future point sources of pollution. WLAs constitute a type of water quality-based effluent limitation.

(68) "Warm-Water Aquatic Life" means the aquatic communities that are adapted to warm-water conditions and do not contain either cold- or cool-water species.

(69) "Wastes" means sewage, industrial wastes, and all other liquid, gaseous, solid, radioactive, or other substances that may cause or tend to cause pollution of any water of the state.

(70) "Water Quality Limited" means one of the following:

(a) A receiving stream that does not meet narrative or numeric water quality criteria during the entire year or defined season even after the implementation of standard technology;

(b) A receiving stream that achieves and is expected to continue to achieve narrative or numeric water quality criteria but uses higher than standard technology to protect beneficial uses;

(c) A receiving stream for which there is insufficient information to determine whether water quality criteria are being met with higher-than-standard treatment technology or a receiving stream that would not be expected to meet water quality criteria during the entire year or defined season without higher than standard technology.

(71) "Water Quality Swale" means a natural depression or wide, shallow ditch used to temporarily store, route or filter runoff for the purpose of improving water quality.

(72) "Waters of the state" means lakes, bays, ponds, impounding reservoirs, springs, wells, rivers, streams, creeks, estuaries, marshes, inlets, canals, the Pacific Ocean within the territorial limits of the State of Oregon, and all other bodies of surface or underground waters, natural or artificial, inland or coastal, fresh or salt, public or private (except those private waters that do not combine or effect a junction with natural surface or underground waters) that are located wholly or partially within or bordering the state or within its jurisdiction.

(73) "Weekly (seven-day) Mean Minimum" for dissolved oxygen means the minimum of the seven consecutive-day floating average of the calculated daily mean dissolved oxygen concentration.

(74) "Weekly (seven-day) Minimum Mean" for dissolved oxygen means the minimum of the seven consecutive-day floating average of the daily minimum concentration. For application of the criteria, this value is the reference for diurnal minimums.

(75) "Without Detrimental Changes in the Resident Biological Community" means no loss of ecological integrity when compared to natural conditions at an appropriate reference site or region.

Statutory/Other Authority: ORS 468.020, 468B.010, 468B.015, 468B.035 & 468B.048
Statutes/Other Implemented: ORS 468B.035 & 468B.048
History:
DEQ 1-2015, f. & cert. ef. 1-7-15
DEQ 3-2012, f. & cert. ef. 5-21-12
DEQ 2-2007, f. & cert. ef. 3-15-07
DEQ 3-2004, f. & cert. ef. 5-28-04
DEQ 17-2003, f. & cert. ef. 12-9-03

Chapter 340 Division 41
WATER QUALITY STANDARDS: BENEFICIAL USES, POLICIES, AND CRITERIA FOR OREGON

340-041-0101
Basin-Specific Criteria (Main Stem Columbia River): Beneficial Uses to Be Protected in the Main Stem Columbia River

(1) Water quality in the main stem Columbia River (see Figure 1) must be managed to protect the designated beneficial uses shown in Table 101A (November 2003).

(2) Designated fish uses to be protected in the main stem Columbia River are shown in Table 101B (October 2023).

(3) For purpose of protecting active resident trout spawning areas, as required by OAR 340-041-0016 (1):

(a) The dissolved oxygen spawning criteria will apply to the salmonid spawning locations and times shown on OAR 340-041-0101: Table 101C.

(b) In addition to the salmonid spawning areas shown on Table 101C, DEQ will determine where additional active spawning areas used by resident trout occur as data becomes available. DEQ will identify additional spawning habitat and areas determined to be active resident trout spawning areas in a publicly available inventory. The determinations recorded in the inventory will be incorporated into the designated use tables and maps in OAR 340-041 periodically through rulemaking. When resident trout spawning is determined to be an existing use based on the best available data and is added to the resident trout spawning inventory, DEQ will apply the spawning criteria for dissolved oxygen to protect the existing trout spawning use.

(4) Coastal water contact recreation and shellfish harvesting use is to be protected in the portion of the main stem Columbia River designated for these uses in Figure 101A (August 2016).

[NOTE: View a PDF of Figures by clicking on "Tables" link below."

[ED. NOTE: To view attachments referenced in rule text, click here to view rule.]

Statutory/Other Authority: ORS 468.020, 468B.030, 468B.035 & 468B.048
Statutes/Other Implemented: ORS 468B.030, 468B.035 & 468B.048
History:
DEQ 13-2019, amend filed 05/16/2019, effective 05/16/2019
DEQ 9-2016, f. & cert. ef. 8-18-16
DEQ 17-2003, f. & cert. ef. 12-9-03

340-041-0121
Basin-Specific Criteria (Main Stem Snake River): Beneficial Uses to Be Protected in the Main Stem Snake River

(1) Water quality in the main stem Snake River (see Figure 1) must be managed to protect the designated beneficial uses shown in Table 121A (August 2005).

(2) Designated fish uses to be protected in the main stem Snake River are shown in Table 121B (October 2023).

(3) For purpose of protecting active resident trout spawning areas, as required by OAR 340-041-0016(1):

(a) The dissolved oxygen spawning criteria will apply to the salmonid spawning locations and times shown on OAR 340-041-0121: Table 121C.

(b) In addition to the salmonid spawning areas shown on Table 121C, DEQ will determine where additional active spawning areas used by resident trout occur as data becomes available. DEQ will identify additional spawning habitat and areas determined to be active resident trout spawning areas in a publicly available inventory. The determinations recorded in the inventory will be incorporated into the designated use tables and maps in OAR 340-041 periodically through rulemaking. When resident trout spawning is determined to be an existing use based on the best available data and is added to the resident trout spawning inventory, DEQ will apply the spawning criteria for dissolved oxygen to protect the existing trout spawning use.

[NOTE: View a PDF of Figures and Tables by clicking on "Tables" link below.]

[ED. NOTE: To view attachments referenced in rule text, click here to view rule.]

Statutory/Other Authority: ORS 468.020, 468B.030, 468B.035 & 468B.048
Statutes/Other Implemented: ORS 468B.030, 468B.035 & 468B.048
History:
DEQ 13-2019, amend filed 05/16/2019, effective 05/16/2019
DEQ 2-2007, f. & cert. ef. 3-15-07
DEQ 17-2003, f. & cert. ef. 12-9-03

340-041-0130
Basin-Specific Criteria (Deschutes): Beneficial Uses to Be Protected in the Deschutes Basin

(1) Water quality in the Deschutes Basin (see Figure 1) must be managed to protect the designated beneficial uses shown in Table 130A (November 2003).

(2) Designated fish uses to be protected in the Deschutes Basin are shown in Figures 130A, 130B, 130C and 130D (October 2023).

(3) For purpose of protecting active resident trout spawning areas, as required by OAR 340-041-0016 (1):

(a) The dissolved oxygen spawning criteria apply to the salmonid spawning locations and times shown on OAR 340-041-0130: Figure 130D.

(b) In addition to the salmonid spawning areas shown on Figure 130D, DEQ will determine where additional active spawning areas used by resident trout occur as data becomes available. DEQ will identify additional spawning habitat and areas determined to be active resident trout spawning areas in a publicly available inventory. The determinations recorded in the inventory will be incorporated into the designated use tables and maps in OAR 340-041 periodically through rulemaking. When resident trout spawning is determined to be an existing use based on the best available data and is added to the resident trout spawning inventory, DEQ will apply the spawning criteria for dissolved oxygen to protect the existing trout spawning use.

[NOTE: View a PDF of Figures by clicking on "Tables" link below.]

[ED. NOTE: To view attachments referenced in rule text, click here to view rule.]

Statutory/Other Authority: ORS 468.020, 468B.030, 468B.035 & 468B.048
Statutes/Other Implemented: ORS 468B.030, 468B.035 & 468B.048
History:
DEQ 13-2019, amend filed 05/16/2019, effective 05/16/2019
DEQ 17-2003, f. & cert. ef. 12-9-03

340-041-0140
Basin-Specific Criteria (Goose and Summer Lakes): Beneficial Uses to be Protected in Goose and Summer Lake Basins

(1) Water quality in the Goose and Summer Lake Basins (see Figure 1) must be managed to protect the designated beneficial uses shown in Table 140A (November 2003).

(2) Designated fish uses to be protected in the Goose and Summer Lake Basins are shown in Figure 140 A, 140B, and 140C (October 2023).

(3) For purpose of protecting active resident trout spawning areas, as required by OAR 340-041-0016 (1):

(a) The dissolved oxygen spawning criteria will apply to the salmonid spawning locations and times shown on OAR 340-041-0140: Figure 140C.

(b) In addition to the salmonid spawning areas shown on shown on Figure 140C, DEQ will determine where additional active spawning areas used by resident trout occur as data becomes available. DEQ will identify additional spawning habitat and areas determined to be active resident trout spawning areas in a publicly available inventory. The determinations recorded in the inventory will be incorporated into the designated use tables and maps in OAR 340-041 periodically through rulemaking. When resident trout spawning is determined to be an existing use based on the best available data and is added to the resident trout spawning inventory, DEQ will apply the spawning criteria for dissolved oxygen to protect the existing trout spawning use.

[NOTE: View a PDF of Figures and Tables by clicking on "Tables" link below.]

[ED. NOTE: To view attachments referenced in rule text, click here to view rule.]

Statutory/Other Authority: ORS 468.020, 468B.030, 468B.035 & 468B.048
Statutes/Other Implemented: ORS 468B.030, 468B.035 & 468B.048
History:
DEQ 13-2019, amend filed 05/16/2019, effective 05/16/2019
DEQ 17-2003, f. & cert. ef. 12-9-03

340-041-0151
Basin-Specific Criteria (Grande Ronde): Beneficial Uses to Be Protected in the Grande Ronde Basin

(1) Water quality in the Grande Ronde Basin (see Figure 1) must be managed to protect the designated beneficial uses shown in Table 151A (November 2003).

(2) Designated fish uses to be protected in the Grande Ronde Basin are shown in Figures 151A, 151B, 151C and 151D (October 2023).

(3) For purpose of protecting active resident trout spawning areas, as required by OAR 340-041-0016(1):

(a) The dissolved oxygen spawning criteria will apply to the salmonid spawning locations and times shown on OAR 340-041-0151: Figure 151D.

(b) In addition to the salmonid spawning areas shown on Figure 151D, DEQ will determine where additional active spawning areas used by resident trout occur as data becomes available. DEQ will identify additional spawning habitat and areas determined to be active resident trout spawning areas in a publicly available inventory. The determinations recorded in the inventory will be incorporated into the designated use tables and maps in OAR 340-041 periodically through rulemaking. When resident trout spawning is determined to be an existing use based on the best available data and is added to the resident trout spawning inventory, DEQ will apply the spawning criteria for dissolved oxygen to protect the existing trout spawning use.

[NOTE: View a PDF of Figures and Tables by clicking on "Tables" link below.]

[ED. NOTE: To view attachments referenced in rule text, click here to view rule.]

Statutory/Other Authority: ORS 468.020, 468B.030, 468B.035 & 468B.048
Statutes/Other Implemented: ORS 468B.030, 468B.035 & 468B.048
History:
DEQ 13-2019, amend filed 05/16/2019, effective 05/16/2019
DEQ 17-2003, f. & cert. ef. 12-9-03

340-041-0160
Basin-Specific Criteria (Hood): Beneficial Uses to Be Protected in the Hood Basin

(1) Water quality in the Hood Basin (see Figure 1) must be managed to protect the designated beneficial uses shown in Table 160A (November 2003).

(2) Designated fish uses to be protected in the Hood Basin are shown in Figures 160A, 160B, 160C and 160D. (October 2023).

(3) For purpose of protecting active resident trout spawning areas, as required by OAR 340-041-0016(1):

(a) The dissolved oxygen spawning criteria will apply to the salmonid spawning locations and times shown on OAR 340-041-0101: Figure 160D.

(b) In addition to the salmonid spawning areas shown on Figure 160D, DEQ will determine where additional active spawning areas used by resident trout occur as data becomes available. DEQ will identify additional spawning habitat and areas determined to be active resident trout spawning areas in a publicly available inventory. The determinations recorded in the inventory will be incorporated into the designated use tables and maps in OAR 340-041 periodically through rulemaking. When resident trout spawning is determined to be an existing use based on the best available data and is added to the resident trout spawning inventory, DEQ will apply the spawning criteria for dissolved oxygen to protect the existing trout spawning use.

[NOTE: View a PDF of Figures and Tables by clicking on "Tables" link below.]

[ED. NOTE: To view attachments referenced in rule text, click here to view rule.]

Statutory/Other Authority: ORS 468.020, 468B.030, 468B.035 & 468B.048
Statutes/Other Implemented: ORS 468B.030, 468B.035 & 468B.048
History:
DEQ 13-2019, amend filed 05/16/2019, effective 05/16/2019
DEQ 17-2003, f. & cert. ef. 12-9-03

340-041-0170
Basin-Specific Criteria (John Day): Beneficial Uses to Be Protected in the John Day Basin

(1) Water quality in the John Day Basin (see Figure 1) must be managed to protect the designated beneficial uses shown in Table 170A (November 2003).

(2) Designated fish uses to be protected in the John Day Basin are shown in Figures 170A, 170B, 170C and 170D (October 2023).

(3) For purpose of protecting active resident trout spawning areas, as required by OAR 340-041-0016(1):

(a) The dissolved oxygen spawning criteria will apply to the salmonid spawning locations and times shown on the following tables and figures in OAR 340-041-0170: Figure 170D.

(b) In addition to the salmonid spawning areas shown on Figure 170D, DEQ will determine where additional active spawning areas used by resident trout occur as data becomes available. DEQ will identify additional spawning habitat and areas determined to be active resident trout spawning areas in a publicly available inventory. The determinations recorded

in the inventory will be incorporated into the designated use tables and maps in OAR 340-041 periodically through rulemaking. When resident trout spawning is determined to be an existing use based on the best available data and is added to the resident trout spawning inventory, DEQ will apply the spawning criteria for dissolved oxygen to protect the existing trout spawning use.

[NOTE: View a PDF of Figures and Tables by clicking on "Tables" link below.]

[ED. NOTE: To view attachments referenced in rule text, click here to view rule.]

Statutory/Other Authority: ORS 468.020, 468B.030, 468B.035 & 468B.048
Statutes/Other Implemented: ORS 468B.030, 468B.035 & 468B.048
History:
DEQ 12-2022, minor correction filed 08/09/2022, effective 08/09/2022
DEQ 13-2019, amend filed 05/16/2019, effective 05/16/2019
DEQ 17-2003, f. & cert. ef. 12-9-03

340-041-0180
Basin-Specific Criteria (Klamath): Beneficial Uses to Be Protected in the Klamath Basin

(1) Water quality in the Klamath Basin (see Figure 1) must be managed to protect the designated beneficial uses shown in Table 180A (August 2005).

(2) Designated fish uses to be protected in the Klamath Basin are shown in Figures 180A, 180B, 180C and 180D (October 2023).

(3) For purpose of protecting active resident trout spawning areas, as required by OAR 340-041-0016(1):

(a) The dissolved oxygen spawning criteria will apply to the salmonid spawning locations and times shown on OAR 340-041-0180 Figure 180D.

(b) In addition to the salmonid spawning areas shown on Figure 180D, DEQ will determine where additional active spawning areas used by resident trout occur as data becomes available. DEQ will identify additional spawning habitat and areas determined to be active resident trout spawning areas in a publicly available inventory. The determinations recorded in the inventory will be incorporated into the designated use tables and maps in OAR 340-041 periodically through rulemaking. When resident trout spawning is determined to be an existing use based on the best available data and is added to the resident trout spawning inventory, DEQ will apply the spawning criteria for dissolved oxygen to protect the existing trout spawning use.

[NOTE: View a PDF of Figures and Tables by clicking on "Tables" link below.]

[ED. NOTE: To view attachments referenced in rule text, click here to view rule.]

Statutory/Other Authority: ORS 468.020, 468B.030, 468B.035 & 468B.048
Statutes/Other Implemented: ORS 468B.030, 468B.035 & 468B.048

History:
DEQ 13-2019, amend filed 05/16/2019, effective 05/16/2019
DEQ 2-2007, f. & cert. ef. 3-15-07
DEQ 17-2003, f. & cert. ef. 12-9-03

340-041-0190
Basin-Specific Criteria (Malheur Lake): Beneficial Uses to Be Protected in the Malheur Lake Basin

(1) Water quality in the Malheur Lake Basin (see Figure 1) must be managed to protect the designated beneficial uses shown in Table 190A (November 2003).

(2) Designated fish uses to be protected in the Malheur Lake Basin are shown in Figures 190A, 190B, and 190C. (October 2023).

(3) For purpose of protecting active resident trout spawning areas, as required by OAR 340-041-0016(1):

(a) The dissolved oxygen spawning criteria will apply to the salmonid spawning locations and times shown on OAR 340-041-0190: Figure 190C.

(b) In addition to the salmonid spawning areas shown on Figure 190C, DEQ will determine where additional active spawning areas used by resident trout occur as data becomes available. DEQ will identify additional spawning habitat and areas determined to be active resident trout spawning areas in a publicly available inventory. The determinations recorded in the inventory will be incorporated into the designated use tables and maps in OAR 340-041 periodically through rulemaking. When resident trout spawning is determined to be an existing use based on the best available data and is added to the resident trout spawning inventory, DEQ will apply the spawning criteria for dissolved oxygen to protect the existing trout spawning use.

[NOTE: View a PDF of Figures and Tables by clicking on "Tables" link below.]

[ED. NOTE: To view attachments referenced in rule text, click here to view rule.]

Statutory/Other Authority: ORS 468.020, 468B.030, 468B.035 & 468B.048
Statutes/Other Implemented: ORS 468B.030, 468B.035 & 468B.048
History:
DEQ 13-2019, amend filed 05/16/2019, effective 05/16/2019
DEQ 17-2003, f. & cert. ef. 12-9-03

340-041-0201
Basin-Specific Criteria (Malheur River): Beneficial Uses to Be Protected in the Malheur River Basin

(1) Water quality in the Malheur River Basin (see Figure 1) must be managed to protect the designated beneficial uses shown in Table 201A (August 2005).

(2) Designated fish uses to be protected in the Malheur River Basin are shown in Figures 201A, 201B and 201C (October 2023).

(3) For purpose of protecting active resident trout spawning areas, as required by OAR 340-041-0016(1):

(a) The dissolved oxygen spawning criteria will apply to the salmonid spawning locations and times shown on the following tables and figures in OAR 340-041-0201: Figure 201C.

(b) In addition to the salmonid spawning areas shown on Figure 201C, DEQ will determine where additional active spawning areas used by resident trout occur as data becomes available. DEQ will identify additional spawning habitat and areas determined to be active resident trout spawning areas in a publicly available inventory. The determinations recorded in the inventory will be incorporated into the designated use tables and maps in OAR 340-041 periodically through rulemaking. When resident trout spawning is determined to be an existing use based on the best available data and is added to the resident trout spawning inventory, DEQ will apply the spawning criteria for dissolved oxygen to protect the existing trout spawning use.

[NOTE: View a PDF of Figures and Tables by clicking on "Tables" link below.]

[ED. NOTE: To view attachments referenced in rule text, click here to view rule.]

Statutory/Other Authority: ORS 468.020, 468B.030, 468B.035 & 468B.048
Statutes/Other Implemented: ORS 468B.030, 468B.035 & 468B.048
History:
DEQ 13-2019, amend filed 05/16/2019, effective 05/16/2019
DEQ 2-2007, f. & cert. ef. 3-15-07
DEQ 17-2003, f. & cert. ef. 12-9-03

340-041-0220
Basin-Specific Criteria (Mid Coast Basin): Beneficial Uses to Be Protected in the Mid Coast Basin

(1) Water quality in the Mid Coast Basin (see Figure 1) may be managed to protect the designated beneficial uses shown in Table 220A (November 2003).

(2) Designated fish uses to be protected in the Mid Coast Basin are shown in Figures 220A, 220B, 220I and 220J (October 2023).

(3) For purpose of protecting active resident trout spawning areas, as required by OAR 340-041-0016(1):

(a) The dissolved oxygen spawning criteria will apply to the salmonid spawning locations and times shown on the following tables and figures in OAR 340-041-0220: Figure 220J.

(b) In addition to the salmonid spawning areas shown on Figure 220J, DEQ will determine where additional active spawning areas used by resident trout occur as data becomes available. DEQ will identify additional spawning habitat and areas determined to be active

resident trout spawning areas in a publicly available inventory. The determinations recorded in the inventory will be incorporated into the designated use tables and maps in OAR 340-041 periodically through rulemaking. When resident trout spawning is determined to be an existing use based on the best available data and is added to the resident trout spawning inventory, DEQ will apply the spawning criteria for dissolved oxygen to protect the existing trout spawning use.

(4) Coastal water contact recreation use is to be protected in all Mid Coast Basin marine waters and in coastal waters designated in Figures 220C through 220H (August 2016).

(5) Shellfish harvesting use is to be protected in all Mid Coast Basin marine waters and in coastal waters designated in Figures 220C through 220H (August 2016).

[NOTE: View a PDF of Figures and Tables by clicking on "Tables" link below.]

[ED. NOTE: To view attachments referenced in rule text, click here to view rule.]

Statutory/Other Authority: ORS 468.020, 468B.030, 468B.035 & 468B.048
Statutes/Other Implemented: ORS 468B.030, 468B.035 & 468B.048
History:
DEQ 13-2019, amend filed 05/16/2019, effective 05/16/2019
DEQ 9-2016, f. & cert. ef. 8-18-16
DEQ 17-2003, f. & cert. ef. 12-9-03

340-041-0230
Basin-Specific Criteria (North Coast): Beneficial Uses to Be Protected in the North Coast Basin

(1) Water quality in the North Coast Basin (see Figure 1) must be managed to protect the designated beneficial uses shown in Table 230A (November 2003).

(2) Designated fish uses to be protected in the North Coast Basin are shown in Figures 230A, 230B, 230I and 230J (October 2023).

(3) For purpose of protecting active resident trout spawning areas, as required by OAR 340-041-0016(1):

(a) The dissolved oxygen spawning criteria will apply to the salmonid spawning locations and times shown on OAR 340-041-0230: Figure 230J.

(b) In addition to the salmonid spawning areas shown on Figure 230J, DEQ will determine where additional active spawning areas used by resident trout occur as data becomes available. DEQ will identify additional spawning habitat and areas determined to be active resident trout spawning areas in a publicly available inventory. The determinations recorded in the inventory will be incorporated into the designated use tables and maps in OAR 340-041 periodically through rulemaking. When resident trout spawning is determined to be an existing use based on the best available data and is added to the resident trout spawning

inventory, DEQ will apply the spawning criteria for dissolved oxygen to protect the existing trout spawning use.

(4) Coastal water contact recreation use is to be protected in all North Coast Basin marine waters and in coastal waters designated in Figures 230C through 230H (August 2016).

(5) Shellfish harvesting use is to be protected in all North Coast Basin marine waters and in coastal waters as designated in Figures 230Cthrough 230H (August 2016).

[NOTE: View a PDF of Figures and Tables by clicking on "Tables" link below.]

[ED. NOTE: To view attachments referenced in rule text, click here to view rule.]

Statutory/Other Authority: ORS 468.020, 468B.030, 468B.035 & 468B.048
Statutes/Other Implemented: ORS 468B.030, 468B.035 & 468B.048
History:
DEQ 13-2019, amend filed 05/16/2019, effective 05/16/2019
DEQ 9-2016, f. & cert. ef. 8-18-16
DEQ 17-2003, f. & cert. ef. 12-9-03

340-041-0250
Basin-Specific Criteria (Owyhee): Beneficial Uses to Be Protected in the Owyhee Basin

(1) Water quality in the Owyhee Basin (see Figure 1) must be managed to protect the designated beneficial uses shown in Table 250A (November 2003).

(2) Designated fish uses to be protected in the Owyhee Basin are shown in Figure 250A, 250B, and 250C (October 2023).

(3) For purposes of applying the salmonid spawning criteria for active resident trout spawning areas as defined in OAR 340-041-0016(1):

(a) Salmonid spawning use, including resident trout spawning is designated for the locations and times shown on OAR 340-041-0250: Figure 250C.

(b) In addition to the salmonid spawning areas shown on Figure 250C, DEQ will determine where additional active spawning areas used by resident trout occur as data becomes available. DEQ will identify additional spawning habitat and areas not found to be spawning habitat on a publicly available inventory until such time that the use determinations are incorporated into the designated use tables and maps in OAR 340-041. When resident trout spawning is determined to be an existing use based on the best available data and is added to the resident trout spawning inventory, DEQ will apply the spawning criteria for dissolved oxygen to protect the existing salmonid spawning use.

[NOTE: View a PDF of Figures and Tables by clicking on "Tables" link below.]

[ED. NOTE: To view attachments referenced in rule text, click here to view rule.]

Statutory/Other Authority: ORS 468.020, 468B.030, 468B.035 & 468B.048
Statutes/Other Implemented: ORS 468B.030, 468B.035 & 468B.048

History:
DEQ 13-2019, amend filed 05/16/2019, effective 05/16/2019
DEQ 17-2003, f. & cert. ef. 12-9-03

340-041-0260
Basin-Specific Criteria (Powder/Burnt): Beneficial Uses to Be Protected in the Powder/Burnt Basins

(1) Water quality in the Powder/Burnt Basins (see Figure 1) must be managed to protect the designated beneficial uses shown in Table 260A (August 2005).

(2) Designated fish uses to be protected in the Powder/Burnt Basins are shown in Figure 260A, 260B, 260C and 260D (October 2023).

(3) For purposes of applying the salmonid spawning criteria for active resident trout spawning areas as defined in OAR 340-041-0016(1):

(a) Salmonid spawning use, including resident trout spawning is designated for the locations and times shown on OAR 340-041-0260: Figure 260D.

(b) In addition to the salmonid spawning areas shown on Figure 260D, DEQ will determine where additional active spawning areas used by resident trout occur as data becomes available. DEQ will identify additional spawning habitat and areas not found to be spawning habitat on a publicly available inventory until such time that the use determinations are incorporated into the designated use tables and maps in OAR 340-041. When resident trout spawning is determined to be an existing use based on the best available data and is added to the resident trout spawning inventory, DEQ will apply the spawning criteria for dissolved oxygen to protect the existing salmonid spawning use.

[NOTE: View a PDF of Figures and Tables by clicking on "Tables" link below.]

[ED. NOTE: To view attachments referenced in rule text, click here to view rule.]

Statutory/Other Authority: ORS 468.020, 468B.030, 468B.035 & 468B.048
Statutes/Other Implemented: ORS 468B.030, 468B.035 & 468B.048
History:
DEQ 13-2019, amend filed 05/16/2019, effective 05/16/2019
DEQ 2-2007, f. & cert. ef. 3-15-07
DEQ 17-2003, f. & cert. ef. 12-9-03

340-041-0271
Basin-Specific Criteria (Rogue): Beneficial Uses to Be Protected in the Rogue Basin

(1) Water quality in the Rogue Basin (see Figure 1) must be managed to protect the designated beneficial uses shown in Table 271A (November 2003).

(2) Designated fish uses to be protected in the Rogue Basin are shown in Figures 271A, 271B, 271C and 271D (October 2023).

(3) For purpose of protecting active resident trout spawning areas, as required by OAR 340-041-0016(1):

(a) The dissolved oxygen spawning criteria will apply to the salmonid spawning locations and times shown on OAR 340-041-0271: Figures 271D.

(b) In addition to the salmonid spawning areas shown on Figure 271D, DEQ will determine where additional active spawning areas used by resident trout occur as data becomes available. DEQ will identify additional spawning habitat and areas determined to be active resident trout spawning areas in a publicly available inventory. The determinations recorded in the inventory will be incorporated into the designated use tables and maps in OAR 340-041 periodically through rulemaking. When resident trout spawning is determined to be an existing use based on the best available data and is added to the resident trout spawning inventory, DEQ will apply the spawning criteria for dissolved oxygen to protect the existing trout spawning use.

[NOTE: View a PDF of Figures and Tables by clicking on "Tables" link below.]

[ED. NOTE: To view attachments referenced in rule text, click here to view rule.]

Statutory/Other Authority: ORS 468.020, 468B.030, 468B.035 & 468B.048
Statutes/Other Implemented: ORS 468B.030, 468B.035 & 468B.048
History:
DEQ 13-2019, amend filed 05/16/2019, effective 05/16/2019
DEQ 2-2007, f. & cert. ef. 3-15-07
DEQ 17-2003, f. & cert. ef. 12-9-03

340-041-0286
Basin-Specific Criteria (Sandy Basin): Beneficial Uses to Be Protected in the Sandy Basin

(1) Water quality in the Sandy Basin (see Figure 1) must be managed to protect the designated beneficial uses shown in Table 286A (November 2003).

(2) Designated fish uses to be protected in the Sandy Basin are shown in Figures 286A, ~~and~~ 286B, 286C and 286D (October 2023).

(3) For purpose of protecting active resident trout spawning areas, as required by OAR 340-041-0016(1):

(a) The dissolved oxygen spawning criteria will apply to the salmonid spawning locations and times shown on OAR 340-041-0286A: Figure 286D.

(b) In addition to the salmonid spawning areas shown on Figure 286D, DEQ will determine where additional active spawning areas used by resident trout occur as data becomes available. DEQ will identify additional spawning habitat and areas determined to be active resident trout spawning areas in a publicly available inventory. The determinations recorded in the inventory will be incorporated into the designated use tables and maps in OAR 340-

041 periodically through rulemaking. When resident trout spawning is determined to be an existing use based on the best available data and is added to the resident trout spawning inventory, DEQ will apply the spawning criteria for dissolved oxygen to protect the existing trout spawning use.

[NOTE: View a PDF of Figures and Tables by clicking on "Tables" link below.]

[ED. NOTE: To view attachments referenced in rule text, click here to view rule.]

Statutory/Other Authority: ORS 468.020, 468B.030, 468B.035 & 468B.048
Statutes/Other Implemented: ORS 468B.030, 468B.035 & 468B.048
History:
DEQ 13-2019, amend filed 05/16/2019, effective 05/16/2019
DEQ 17-2003, f. & cert. ef. 12-9-03

340-041-0300
Basin-Specific Criteria (South Coast): Beneficial Uses to Be Protected in the South Coast Basin

(1) Water quality in the South Coast Basin (see Figure 1) must be managed to protect the designated beneficial uses shown in Table 300A (November 2003).

(2) Designated fish uses to be protected in the South Coast Basin are shown in Figures 300A, 300B, 300E and 300F (October 2023).

(3) For purpose of protecting active resident trout spawning areas, as required by OAR 340-041-0016(1):

(a) The dissolved oxygen spawning criteria will apply to the salmonid spawning locations and times shown on OAR 340-041-0300: Figure 300F.

(b) In addition to the salmonid spawning areas shown on Figure 300F, DEQ will determine where additional active spawning areas used by resident trout occur as data becomes available. DEQ will identify additional spawning habitat and areas determined to be active resident trout spawning areas in a publicly available inventory. The determinations recorded in the inventory will be incorporated into the designated use tables and maps in OAR 340-041 periodically through rulemaking. When resident trout spawning is determined to be an existing use based on the best available data and is added to the resident trout spawning inventory, DEQ will apply the spawning criteria for dissolved oxygen to protect the existing trout spawning use.

(4) Coastal water contact recreation use is to be protected in all South Coast Basin marine waters and in coastal waters designated in Figures 300C and 300D (August 2016).

(5) Shellfish harvesting use is to be protected in all South Coast Basin marine waters and in coastal waters as designated in Figures 300C and 300D (August 2016)

[NOTE: View a PDF of Figures and Tables by clicking on "Tables" link below.]

[ED. NOTE: To view attachments referenced in rule text, click here to view rule.]

Statutory/Other Authority: ORS 468.020, 468B.030, 468B.035 & 468B.048
Statutes/Other Implemented: ORS 468B.030, 468B.035 & 468B.048
History:
DEQ 13-2019, amend filed 05/16/2019, effective 05/16/2019
DEQ 9-2016, f. & cert. ef. 8-18-16
DEQ 2-2007, f. & cert. ef. 3-15-07
DEQ 17-2003, f. & cert. ef. 12-9-03

340-041-0310
Basin-Specific Criteria (Umatilla): Beneficial Uses to Be Protected in the Umatilla Basin

(1) Water quality in the Umatilla Basin (see Figure 1) must be managed to protect the designated beneficial uses shown in Table 310A (January 2015).

(2) Designated fish uses to be protected in the Umatilla Basin are shown in Figures 310A, 310B, 310C and 310D (October 2023, except as noted in Table 310A).

(3) For purpose of protecting active resident trout spawning areas, as required by OAR 340-041-0016(1):

(a) The dissolved oxygen spawning criteria will apply to the salmonid spawning locations and times shown on OAR 340-041-0310: Figures 310D.

(b) In addition to the salmonid spawning areas shown on Figures 310D, DEQ will determine where additional active spawning areas used by resident trout occur as data becomes available. DEQ will identify additional spawning habitat and areas determined to be active resident trout spawning areas in a publicly available inventory. The determinations recorded in the inventory will be incorporated into the designated use tables and maps in OAR 340-041 periodically through rulemaking. When resident trout spawning is determined to be an existing use based on the best available data and is added to the resident trout spawning inventory, DEQ will apply the spawning criteria for dissolved oxygen to protect the existing trout spawning use.

[NOTE: View a PDF of Figures and Tables by clicking on "Tables" link below.]

[ED. NOTE: To view attachments referenced in rule text, click here to view rule.]

Statutory/Other Authority: ORS 468.020, 468B.030, 468B.035 & 468B.048
Statutes/Other Implemented: ORS 468B.030, 468B.035 & 468B.048
History:
DEQ 13-2019, amend filed 05/16/2019, effective 05/16/2019
DEQ 1-2015, f. & cert. ef. 1-7-15
DEQ 3-2012, f. & cert. ef. 5-21-12
DEQ 17-2003, f. & cert. ef. 12-9-03

340-041-0320
Basin-Specific Criteria (Umpqua Basin): Beneficial Uses to Be Protected in the Umpqua Basin

(1) Water quality in the Umpqua Basin (see Figure 1) must be managed to protect the designated beneficial uses shown in Table 320A (November 2003).

(2) Designated fish uses to be protected in the Umpqua Basin are shown in Figures 320A, 320B, 320D and 320E (October 2023).

(3) For purpose of protecting active resident trout spawning areas, as required by OAR 340-041-0016(1):

(a) The dissolved oxygen spawning criteria will apply to the salmonid spawning locations and times shown on OAR 340-041-01320:Figure 320E.

(b) In addition to the salmonid spawning areas shown on Figures 320E, DEQ will determine where additional active spawning areas used by resident trout occur as data becomes available. DEQ will identify additional spawning habitat and areas determined to be active resident trout spawning areas in a publicly available inventory. The determinations recorded in the inventory will be incorporated into the designated use tables and maps in OAR 340-041 periodically through rulemaking. When resident trout spawning is determined to be an existing use based on the best available data and is added to the resident trout spawning inventory, DEQ will apply the spawning criteria for dissolved oxygen to protect the existing trout spawning use.

(4) Coastal water contact recreation use is to be protected in all marine waters adjacent to the Umpqua River and in coastal waters designated in Figure 320C (August 2016).

(5) Shellfish harvesting use is to be protected in all marine waters adjacent to the Umpqua River and in coastal waters as designated in Figure 320C (August 2016).

[NOTE: View a PDF of referenced Tables and Figures by clicking on the "Tables" link below.]

[ED. NOTE: To view attachments referenced in rule text, click here to view rule.]

Statutory/Other Authority: ORS 468.020, 468B.030, 468B.035 & 468B.048
Statutes/Other Implemented: ORS 468B.030, 468B.035 & 468B.048
History:
DEQ 13-2019, amend filed 05/16/2019, effective 05/16/2019
DEQ 7-2018, minor correction filed 02/14/2018, effective 02/14/2018
DEQ 32-2017, minor correction filed 11/30/2017, effective 11/30/2017
DEQ 9-2016, f. & cert. ef. 8-18-16
DEQ 2-2007, f. & cert. ef. 3-15-07
DEQ 17-2003, f. & cert. ef. 12-9-03

340-041-0330
Basin-Specific Criteria (Walla Walla): Beneficial Uses to Be Protected in the Walla Walla Basin

(1) Water quality in the Walla Walla Basin (see Figure 1) must be managed to protect the designated beneficial uses shown in Table 330A (November 2003).

(2) Designated fish uses to be protected in the Walla Walla Basin are shown in Figures 310A, 310B, 310C and 310D (October 2023).

(3) For purpose of protecting active resident trout spawning areas, as required by OAR 340-041-0016(1):

(a) The dissolved oxygen spawning criteria will apply to the salmonid spawning locations and times shown on OAR 340-041-0330: Figure 310D.

(b) In addition to the salmonid spawning areas shown on Figures 310D, DEQ will determine where additional active spawning areas used by resident trout occur as data becomes available. DEQ will identify additional spawning habitat and areas determined to be active resident trout spawning areas in a publicly available inventory. The determinations recorded in the inventory will be incorporated into the designated use tables and maps in OAR 340-041 periodically through rulemaking. When resident trout spawning is determined to be an existing use based on the best available data and is added to the resident trout spawning inventory, DEQ will apply the spawning criteria for dissolved oxygen to protect the existing trout spawning use.

[NOTE: View a PDF of Figures and Tables by clicking on "Tables" link below.]

[ED. NOTE: To view attachments referenced in rule text, click here to view rule.]

Statutory/Other Authority: ORS 468.020, 468B.030, 468B.035 & 468B.048
Statutes/Other Implemented: ORS 468B.030, 468B.035 & 468B.048
History:
DEQ 13-2019, amend filed 05/16/2019, effective 05/16/2019
DEQ 17-2003, f. & cert. ef. 12-9-03

340-041-0340
Basin-Specific Criteria (Willamette): Beneficial Uses to Be Protected in the Willamette Basin

(1) Water quality in the Willamette Basin (see Figure 1) must be managed to protect the designated beneficial uses shown in Table 340A (August 2005).

(2) Designated fish uses to be protected in the Willamette Basin are shown in Figures 340A, 340B, 340C and 340D (October 2023).

(3) For purpose of protecting active resident trout spawning areas, as required by OAR 340-041-0016(1):

(a) The dissolved oxygen spawning criteria will apply to the salmonid spawning locations and times shown on the following tables and figures in OAR 340-041-0340: Figure 340D.

(b) In addition to the salmonid spawning areas shown on Figure 340D, DEQ will determine where additional active spawning areas used by resident trout occur as data becomes available. DEQ will identify additional spawning habitat and areas determined to be active resident trout spawning areas in a publicly available inventory. The determinations recorded in the inventory will be incorporated into the designated use tables and maps in OAR 340-041 periodically through rulemaking. When resident trout spawning is determined to be an existing use based on the best available data and is added to the resident trout spawning inventory, DEQ will apply the spawning criteria for dissolved oxygen to protect the existing trout spawning use.

[NOTE: View a PDF of Figures and Tables by clicking on "Tables" link below.]

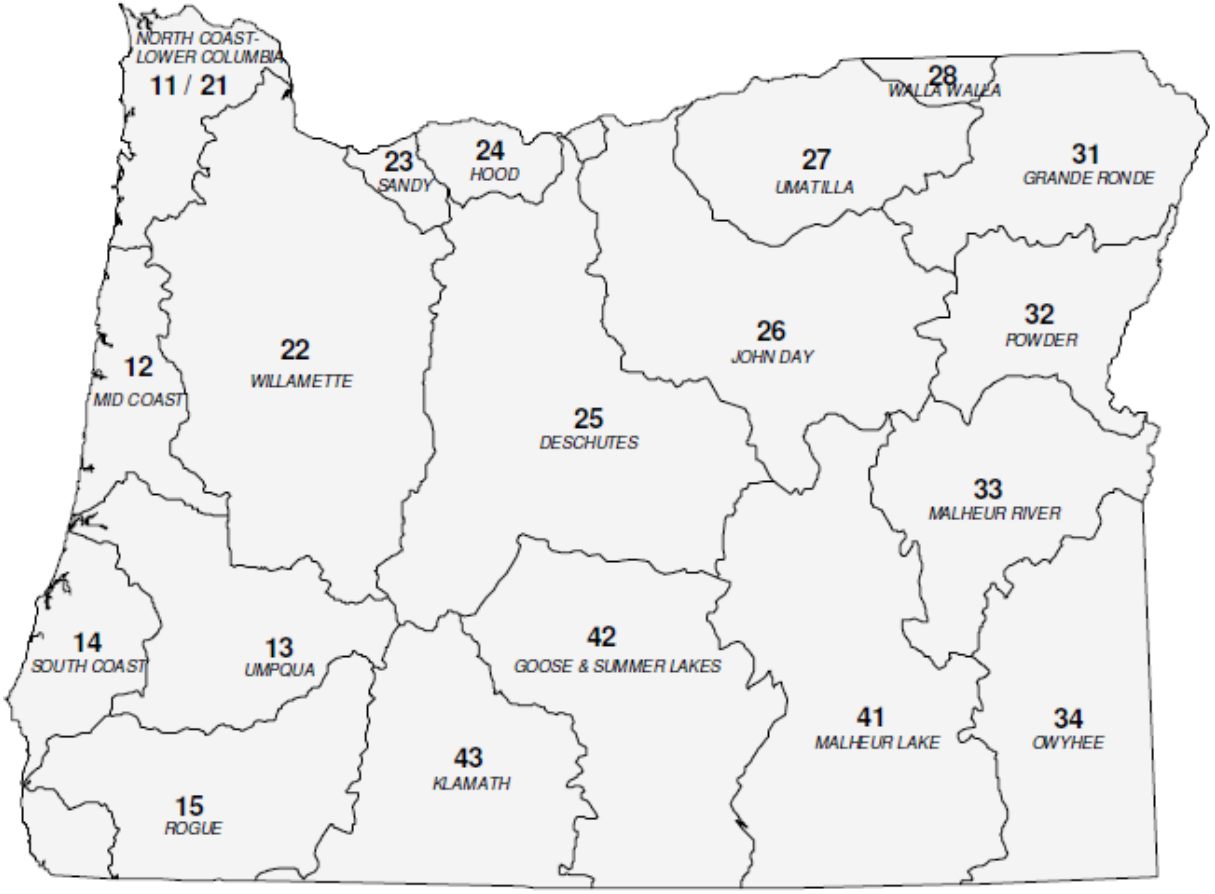
[ED. NOTE: To view attachments referenced in rule text, click here to view rule.]

Statutory/Other Authority: ORS 468.020, 468B.030, 468B.035 & 468B.048
Statutes/Other Implemented: ORS 468B.030, 468B.035 & 468B.048
History:
DEQ 5-2020, minor correction filed 02/03/2020, effective 02/03/2020
DEQ 13-2019, amend filed 05/16/2019, effective 05/16/2019
DEQ 2-2007, f. & cert. ef. 3-15-07
DEQ 17-2003, f. & cert. ef. 12-9-03

State of Oregon Department of Environmental Quality

OAR 340-041-0101
Tables and Figures
Basin-Specific Criteria, Beneficial Uses to be Protected in the Main Stem Columbia River

Figure 1: Oregon Basin Index Map



Basin Name	Basin #	OAR #
DESCHUTES	25	340-041-0130
GOOSE & SUMMER LKS	42	340-041-0140
GRANDE RONDE	31	340-041-0151
HOOD	24	340-041-0160
JOHN DAY	26	340-041-0170
KLAMATH	43	340-041-0180
MALHEUR LAKE	41	340-041-0190
MALHEUR RIVER	33	340-041-0201
MD COAST	12	340-041-0220
NORTH COAST-LWR COL	11-21	340-041-0230
OWYHEE	34	340-041-0250
POWDER	32	340-041-0260
ROGUE	15	340-041-0271
SANDY	23	340-041-0286
SOUTH COAST	14	340-041-0300
UMATILLA	27	340-041-0310
UMPQUA	13	340-041-0320
WALLA WALLA	28	340-041-0330
WILLAMETTE	22	340-041-0340

OAR 340-041-0101
Table 101A
Designated Beneficial Uses
Main stem Columbia River

(November 2003)

Beneficial Uses	Columbia River Mouth to RM 86	Columbia River RM 86 to 309
Public Domestic Water Supply[1]	X	X
Private Domestic Water Supply[1]	X	X
Industrial Water Supply	X	X
Irrigation	X	X
Livestock Watering	X	X
Fish & Aquatic Life[2]	X	X
Wildlife & Hunting	X	X
Fishing[3]	X	X
Boating	X	X
Water Contact Recreation[3]	X	X
Aesthetic Quality	X	X
Hydro Power		X
Commercial Navigation & Transportation	X	X

[1] With adequate pretreatment and natural quality to meet drinking water standards.

[2] See also Table 101B and Table 101C for fish and aquatic life use designations for this river.

[3] See also Figure 101A for coastal water contact use and shellfish harvesting designations.

NOTE: DEQ proposes to replace Table 101B dated November 2003 with the Table 101B dated April 2023 shown below. Table 101C dated April 2023 is proposed to be added. The 2003 Figures may be viewed at this link: Oregon Secretary of State Administrative Rules.

OAR 340-041-0101
Table 101B
Beneficial Use Designations –
Year-Round and Seasonal Temperature
Fish Uses
Main stem Columbia River

(~~November~~ ~~2003~~April 2023)

Geographic Extent of Use	Salmon and Steelhead Migration Corridors (20°C)	Salmon and Steelhead Spawning ~~through Fry Emergence~~	Shad and Sturgeon Spawning and Rearing
Mainstem Columbia River			
~~Beacon Rock~~ Reed Island to ~~Upstream of Ives Island~~ Bonneville Dam (RM ~~141.5~~125~~-~~to RM ~~143.5~~146)		~~October 15 – March 31~~ November 1 – April 30	
Columbia River, mouth to WA border (RM 309)	X		
Columbia River (RM 146 to RM 203)			X

OAR 340-041-0101
Table 101C
Beneficial Use Designations – Dissolved Oxygen Aquatic Life Uses
Main stem Columbia River

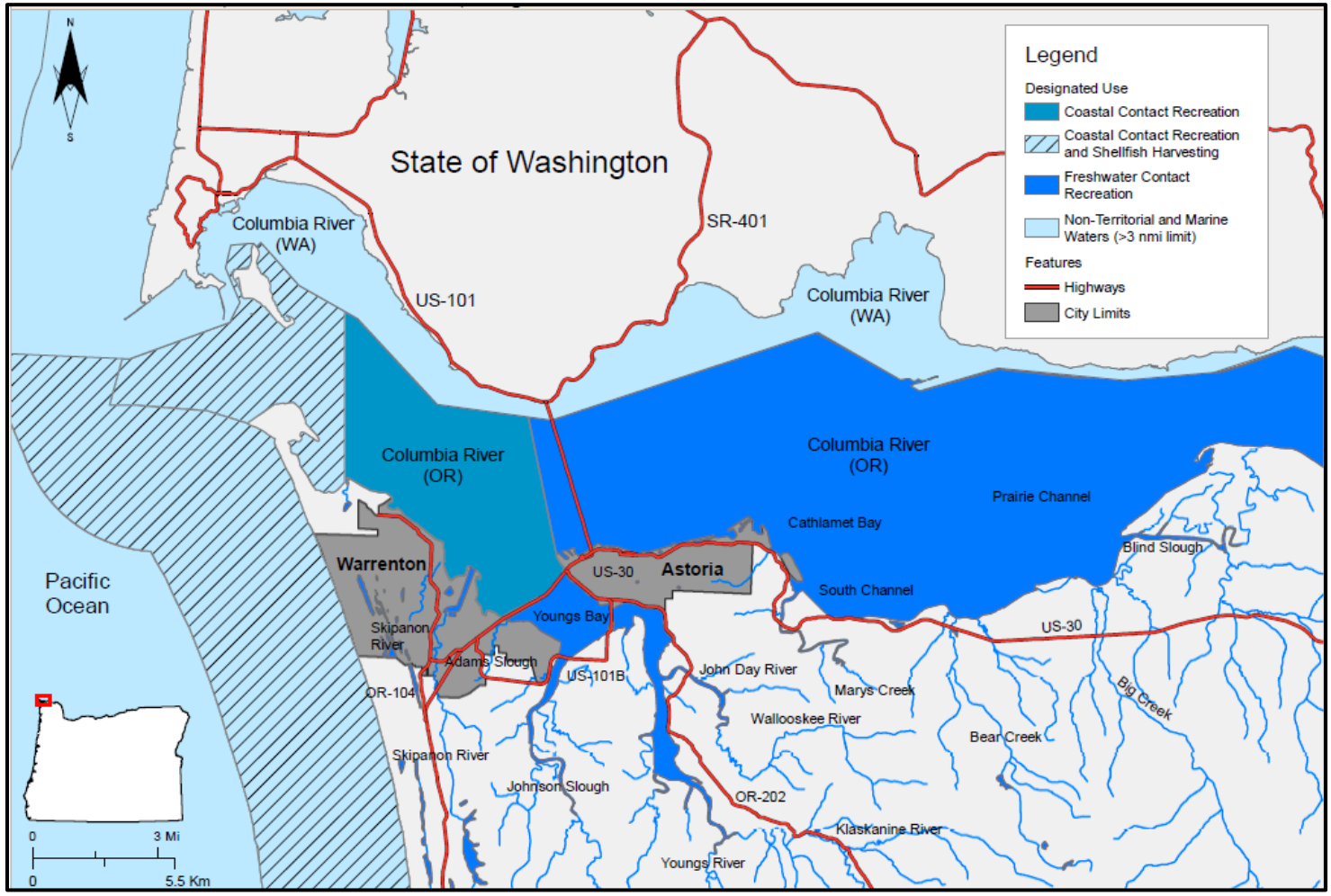
(April 2023)

Geographic Extent of Use	Cool-Water Aquatic Life	Salmonid Spawning
Mainstem Columbia River		
~~Beacon Rock~~ Reed Island to ~~Upstream of Ives Island~~ Bonneville Dam (RM ~~141.5~~125~~-~~to RM ~~143.5~~146)		November 1 – April 30
Columbia River, mouth to WA border (RM 309)	X	

State of Oregon Department of Environmental Quality

OAR 340-041-0101

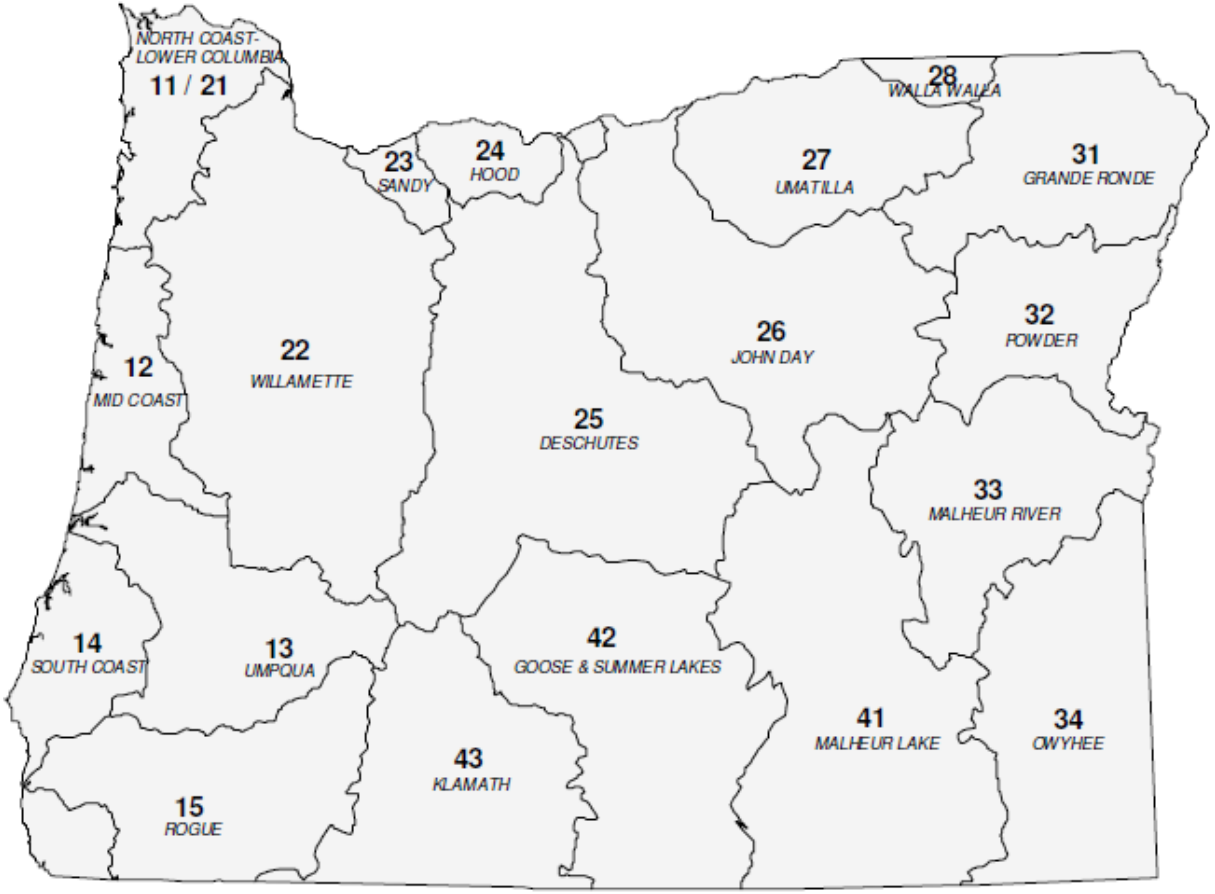
Figure 101A - Water Contact Recreation and Shellfish Harvesting Designated Uses, Columbia River, Columbia River Basin, Oregon



State of Oregon Department of Environmental Quality

OAR 340-041-0121
Tables and Figures

Figure 1: Oregon Basin Index Map



Basin Name	Basin #	OAR #
DESCHUTES	25	340-041-0130
GOOSE & SUMMER LKS	42	340-041-0140
GRANDE RONDE	31	340-041-0151
HOOD	24	340-041-0160
JOHN DAY	26	340-041-0170
KLAMATH	43	340-041-0180
MALHEUR LAKE	41	340-041-0190
MALHEUR RIVER	33	340-041-0201
MD COAST	12	340-041-0220
NORTH COAST-LWR COL	11-21	340-041-0230
OWYHEE	34	340-041-0250
POWDER	32	340-041-0260
ROGUE	15	340-041-0271
SANDY	23	340-041-0286
SOUTH COAST	14	340-041-0300
UMATILLA	27	340-041-0310
UMPQUA	13	340-041-0320
WALLA WALLA	28	340-041-0330
WILLAMETTE	22	340-041-0340

OAR 340-041-0121
Table 121A
Designated Beneficial Uses
Mainstem Snake River

Beneficial Uses	Snake River RM 176 to 409
Public Domestic Water Supply[1]	X
Private Domestic Water Supply[1]	X
Industrial Water Supply	X
Irrigation	X
Livestock Watering	X
Fish & Aquatic Life[2]	X
Wildlife & Hunting	X
Fishing	X
Boating	X
Water Contact Recreation	X
Aesthetic Quality	X
Hydro Power	X
Commercial Navigation & Transportation	X

[1] With adequate pretreatment and natural quality that meets drinking water standards.

[2] See also Table 121B and 121C for fish and aquatic life use designations for this river.

NOTE: DEQ proposes to replace Table 121B dated November 2003 with the Table 121B dated April 2023 shown below. Table 121C dated April 2023 is proposed to be added. The 2003 Figures may be viewed at this link: Oregon Secretary of State Administrative Rules.

OAR 340-041-0121
Table 121B
Beneficial Use Designations – Year-Round and Seasonal Temperature Fish Uses
Mainstem Snake River
(April 2023)

Geographic Extent of use	Salmon and Steelhead Migration Corridors (20°C)	Redband or Lahontan Cutthroat Trout (20°C)	Salmon and Steelhead Spawning ~~Through Fry Emergence~~
Mainstem Snake River			
Oregon/Washington Border to Hells Canyon Dam (RM 169 to 247.5)	X		October 23-April 15
Hells Canyon Dam to Idaho Border (RM 247.5 to RM 409)		X	

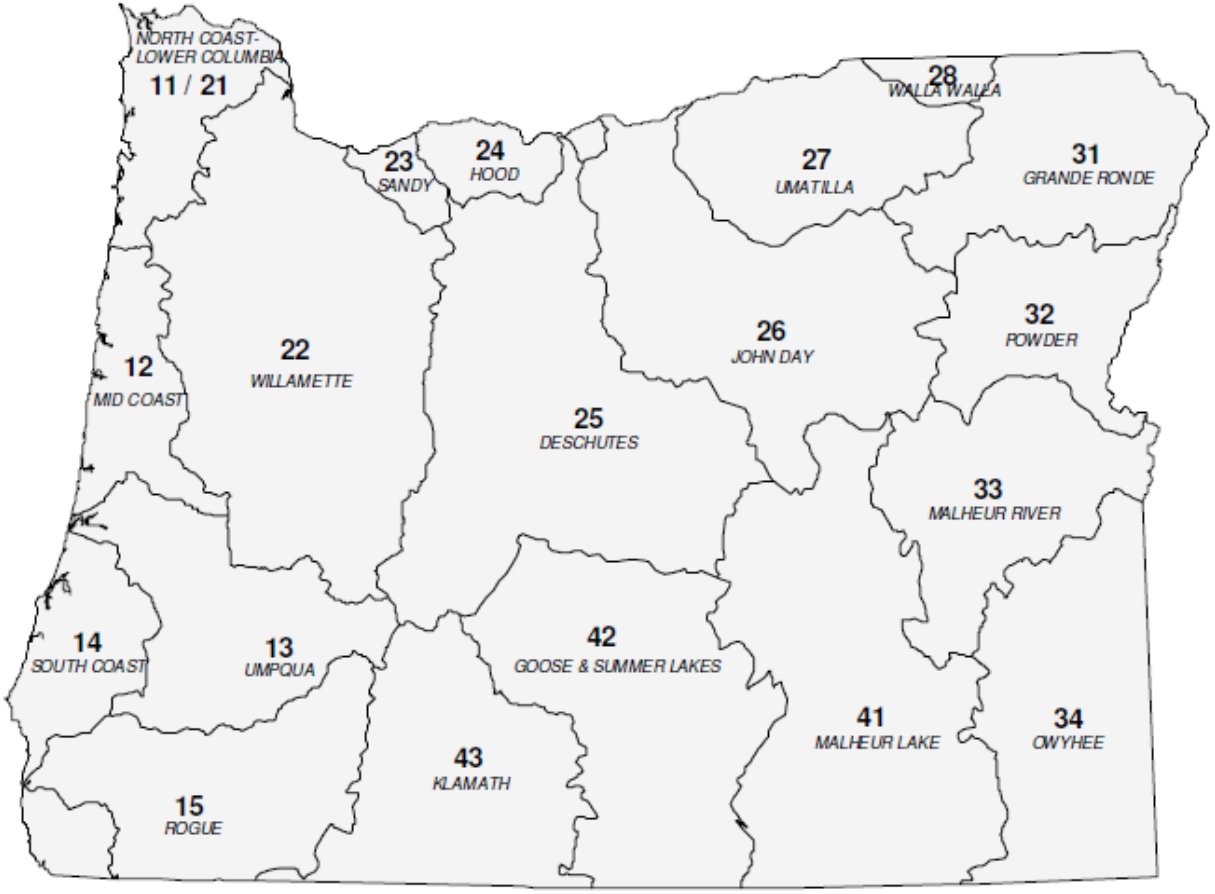
OAR 340-041-0121
Table 121C
Beneficial Use Designations – Year-Round and Seasonal Dissolved Oxygen Aquatic Life Uses
Mainstem Snake River
(April 2023)

Geographic Extent of use	Cool Water Aquatic Life	Salmonid Spawning
Mainstem Snake River		
Oregon/Washington Border to Hells Canyon Dam (RM 169 to 247.5)	X	October 23-April 15
Hells Canyon Dam to Idaho Border (RM 247.5 to RM 409)	X	

State of Oregon Department of Environmental Quality

OAR 340-041-0130
Tables and Figures

Figure 1: Oregon Basin Index Map



Basin Name	Basin #	OAR #
DESCHUTES	25	340-041-0130
GOOSE & SUMMER LKS	42	340-041-0140
GRANDE RONDE	31	340-041-0151
HOOD	24	340-041-0160
JOHN DAY	26	340-041-0170
KLAMATH	43	340-041-0180
MALHEUR LAKE	41	340-041-0190
MALHEUR RIVER	33	340-041-0201
MD COAST	12	340-041-0220
NORTH COAST-LWR COL	11-21	340-041-0230
OWYHEE	34	340-041-0250
POWDER	32	340-041-0260
ROGUE	15	340-041-0271
SANDY	23	340-041-0286
SOUTH COAST	14	340-041-0300
UMATILLA	27	340-041-0310
UMPQUA	13	340-041-0320
WALLA WALLA	28	340-041-0330
WILLAMETTE	22	340-041-0340

OAR 340-041-0130
Table 130A
Designated Beneficial Uses
Deschutes Basin

Beneficial Uses	Deschutes River Main Stem from Mouth to Pelton Regulating Dam	Deschutes River Main Stem from Pelton Regulating Dam to Bend Diversion Dam and for the Crooked River Main Stem	Deschutes River Main Stem above Bend Diversion Dan & for the Metolious River Main Stem	All Other Basin Stems
Public Domestic Water Supply[1]	X	X	X	X
Private Domestic Water Supply[1]	X	X	X	X
Industrial Water Supply	X	X	X	X
Irrigation	X	X	X	X
Livestock Watering	X	X	X	X
Fish & Aquatic Life[2]	X	X	X	X
Wildlife & Hunting	X	X	X	X
Fishing	X	X	X	X
Boating	X	X	X	X
Water Contact Recreation	X	X	X	X
Aesthetic Quality	X	X	X	X
Hydro Power		X		
Commercial Navigation & Transportation				

[1] With adequate pretreatment (filtration and disinfection) and natural quality that meets drinking water standards.

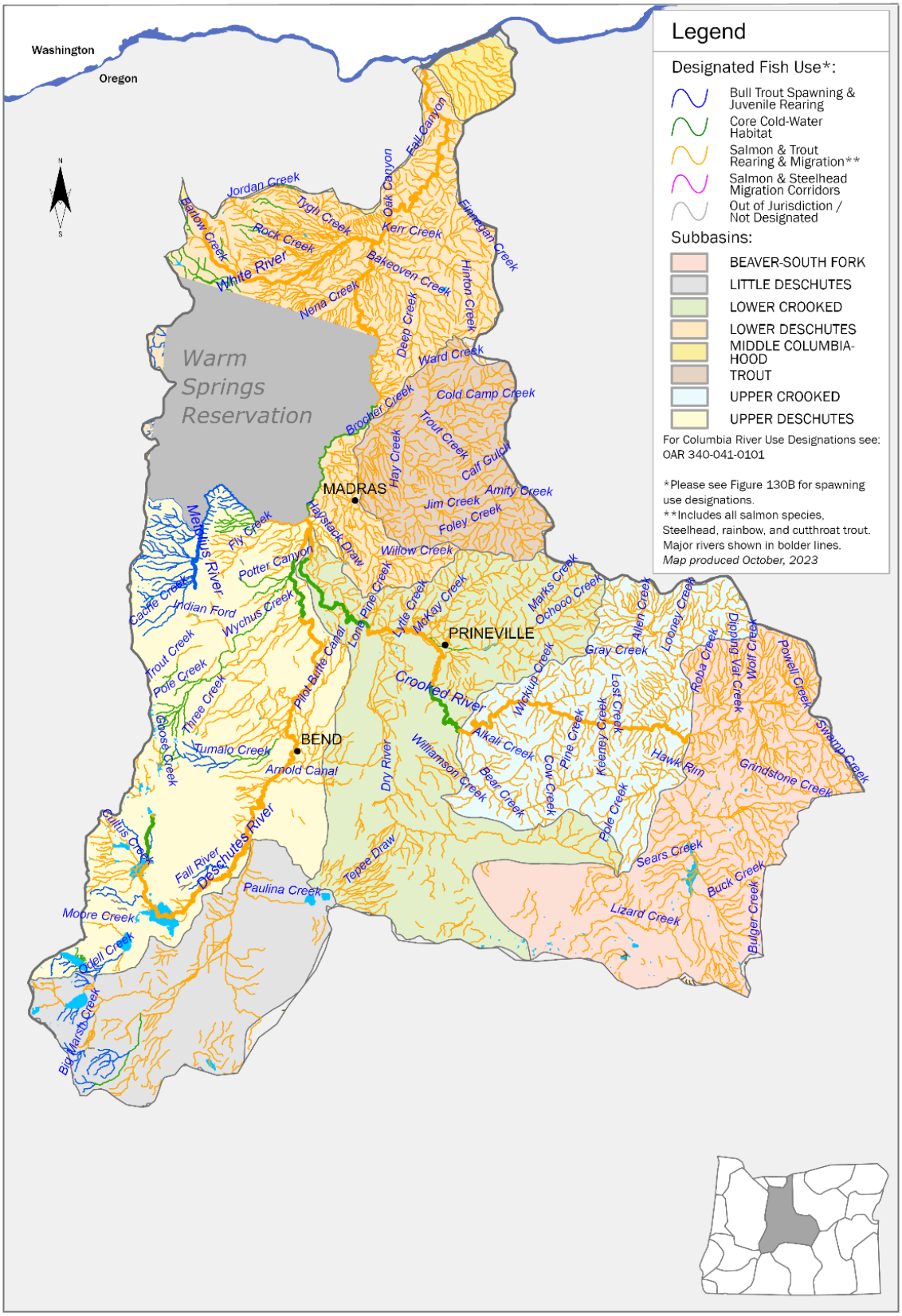
[2] See also Figures 130A, ~~and~~ 130B, 130C and 130D for fish use designations for this river.

NOTE: DEQ proposes to replace Figures 130A and 130B dated November 2003 with the Figures 130A and 130B dated October 2023 shown below. Figures 130C and 130D dated October 2023 are proposed to be added. The 2003 Figures may be viewed at this link: Oregon Secretary of State Administrative Rules.

State of Oregon Department of Environmental Quality

OAR 340-041-0130 – Figure 130A

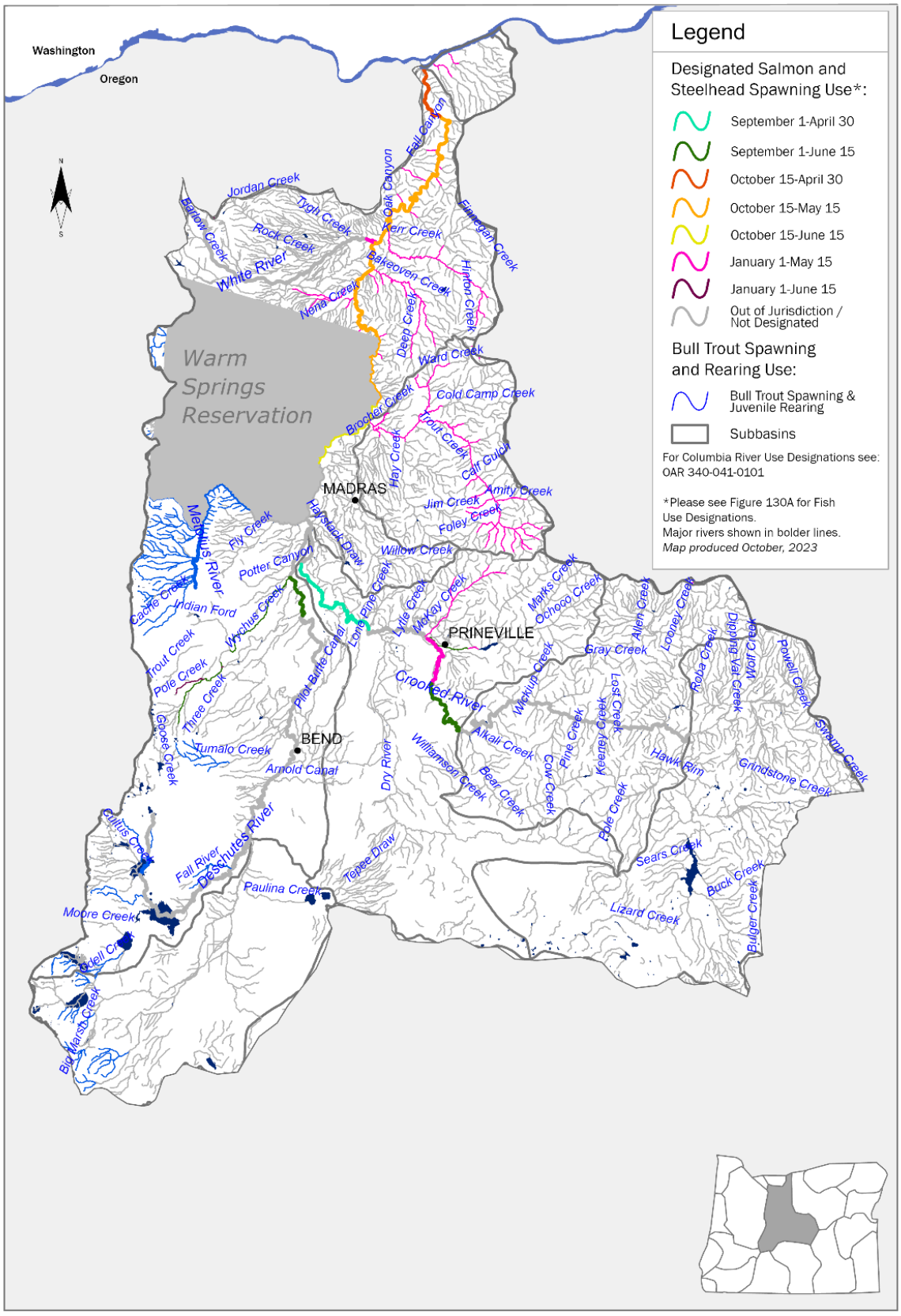
Year-Round Temperature Fish Use Designations
Deschutes Basin, Oregon



State of Oregon Department of Environmental Quality

OAR 340-041-0130 – Figure 130B

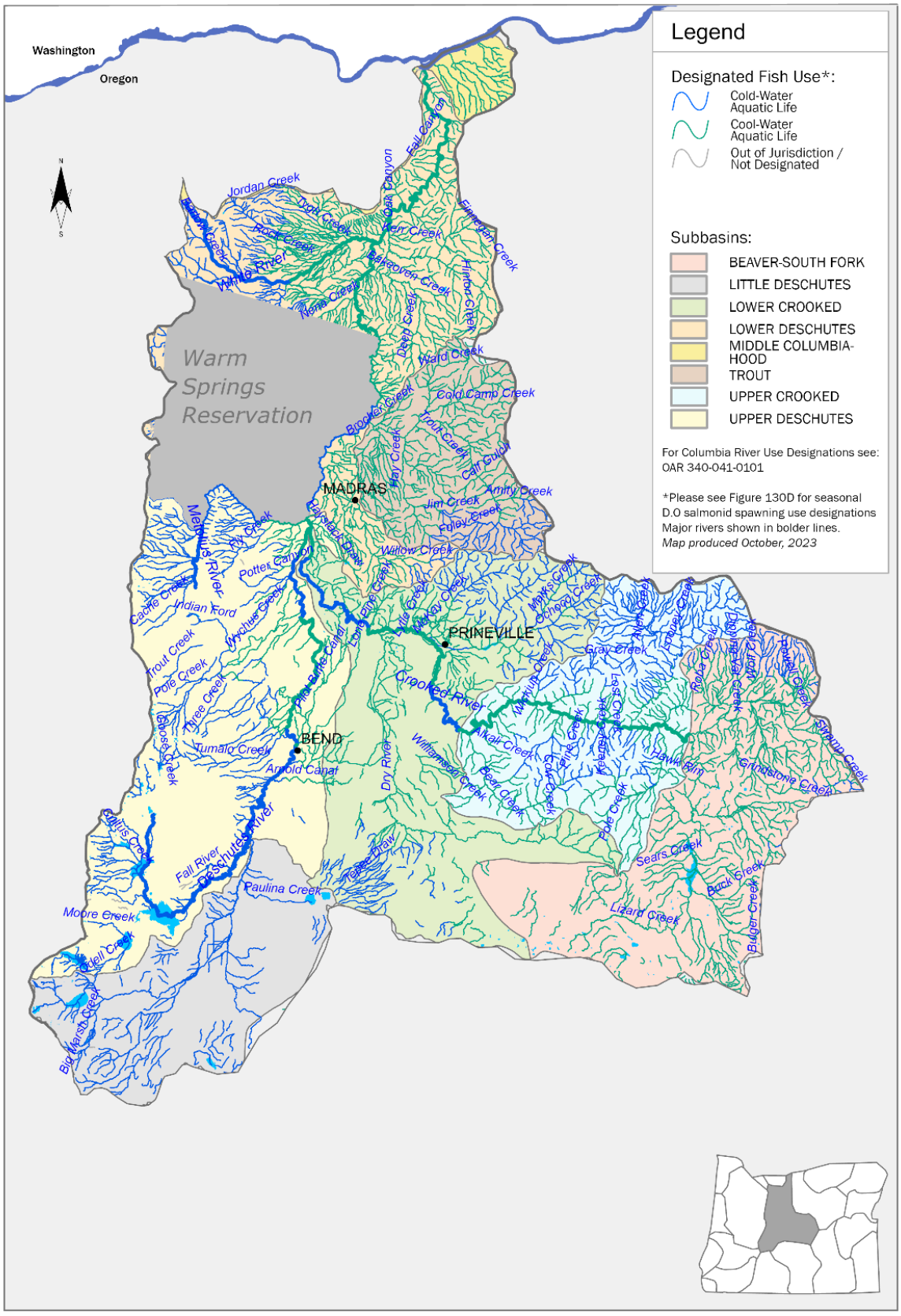
Seasonal Salmon and Steelhead Spawning Use Designations
Deschutes Basin, Oregon



State of Oregon Department of Environmental Quality

OAR 340-041-0130 – Figure 130C

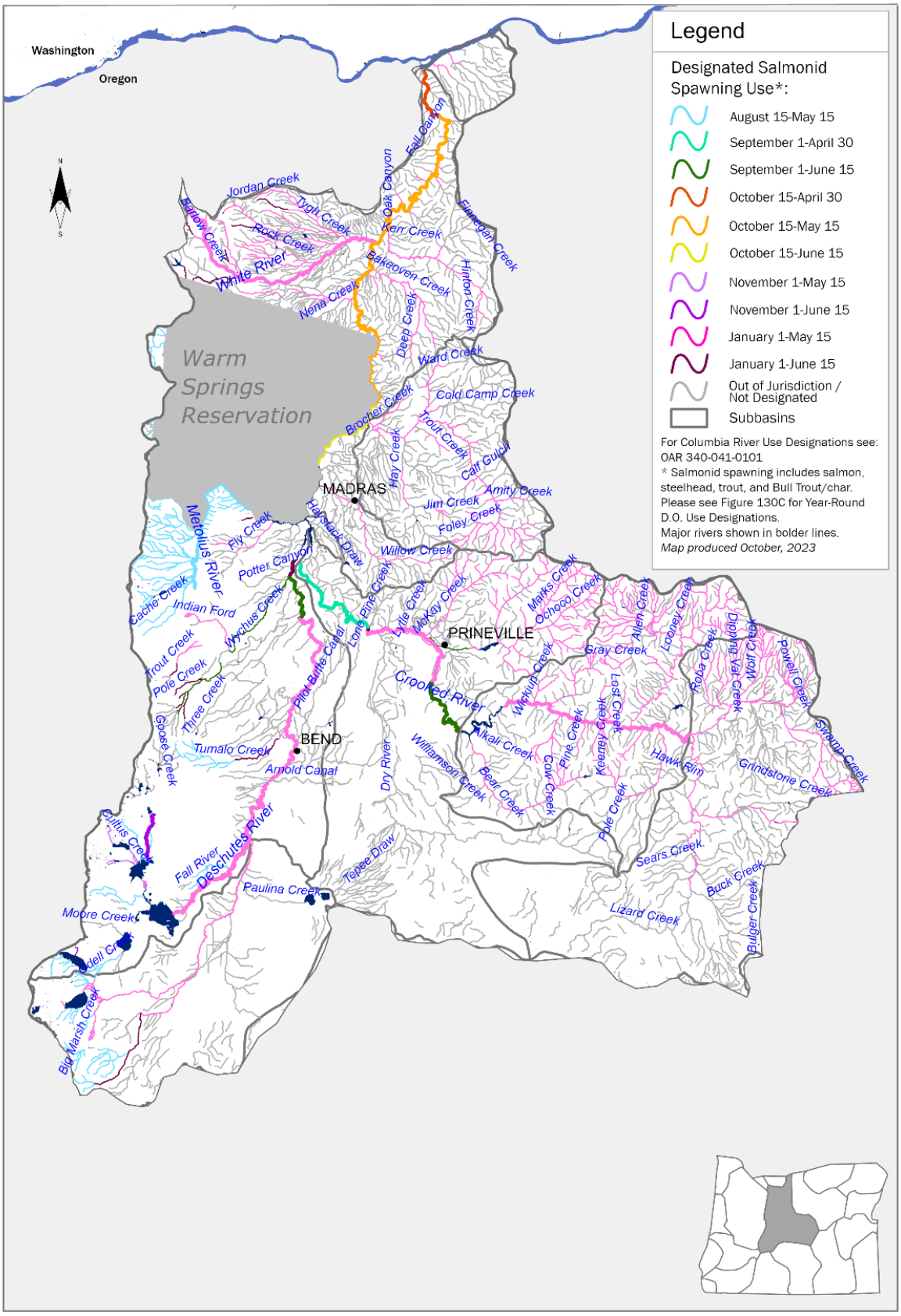
Year-Round Dissolved Oxygen Fish Use Designations
Deschutes Basin, Oregon



State of Oregon Department of Environmental Quality

OAR 340-041-0130 – Figure 130D

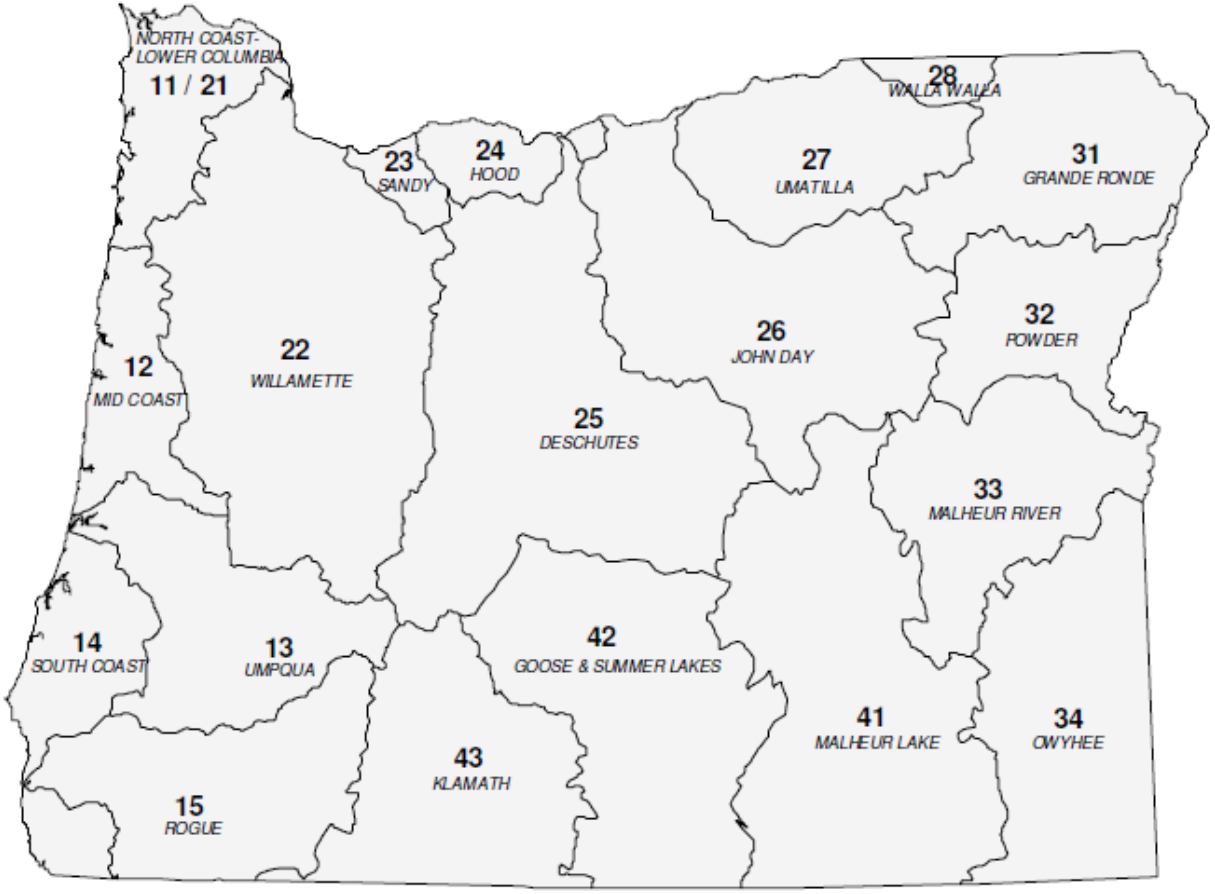
Seasonal Dissolved Oxygen Salmonid Spawning Use Designations
Deschutes Basin, Oregon



State of Oregon Department of Environmental Quality

OAR 340-041-0140
Tables and Figures

Figure 1: Oregon Basin Index Map



Basin Name	Basin #	OAR #
DESCHUTES	25	340-041-0130
GOOSE & SUMMER LKS	42	340-041-0140
GRANDE RONDE	31	340-041-0151
HOOD	24	340-041-0160
JOHN DAY	26	340-041-0170
KLAMATH	43	340-041-0180
MALHEUR LAKE	41	340-041-0190
MALHEUR RIVER	33	340-041-0201
MD COAST	12	340-041-0220
NORTH COAST-LWR COL	11-21	340-041-0230
OWYHEE	34	340-041-0250
POWDER	32	340-041-0260
ROGUE	15	340-041-0271
SANDY	23	340-041-0286
SOUTH COAST	14	340-041-0300
UMATILLA	27	340-041-0310
UMPQUA	13	340-041-0320
WALLA WALLA	28	340-041-0330
WILLAMETTE	22	340-041-0340

OAR 340-041-0140
Table 140A
Designated Beneficial Uses
Goose and Summer Lakes Basin

Beneficial Uses	Goose Lake	Freshwater Lakes & Reservoirs	Highly Alkaline & Saline Lakes	Freshwater Streams
Public Domestic Water Supply[1]		X		X
Private Domestic Water Supply[1]		X		X
Industrial Water Supply		X	X	X
Irrigation		X		X
Livestock Watering	X	X		X
Fish & Aquatic Life[2]	X	X	X	X
Wildlife & Hunting	X	X	X	X
Fishing	X	X	X	X
Boating	X	X	X	X
Water Contact Recreation	X	X	X	X
Aesthetic Quality	X	X	X	X
Hydro Power				
Commercial Navigation & Transportation				

[1] With adequate pretreatment (filtration and disinfection) and natural quality to meet drinking water standards.

[2] See also ~~Table 140B and~~ Figures 140A, 140B, and 140C for fish use designations for this basin.

~~OAR 340-041-0140~~
~~Table 140B~~
~~Beneficial Use Designations – Fish Uses~~
~~Goose and Summer Lakes Basin, Oregon~~

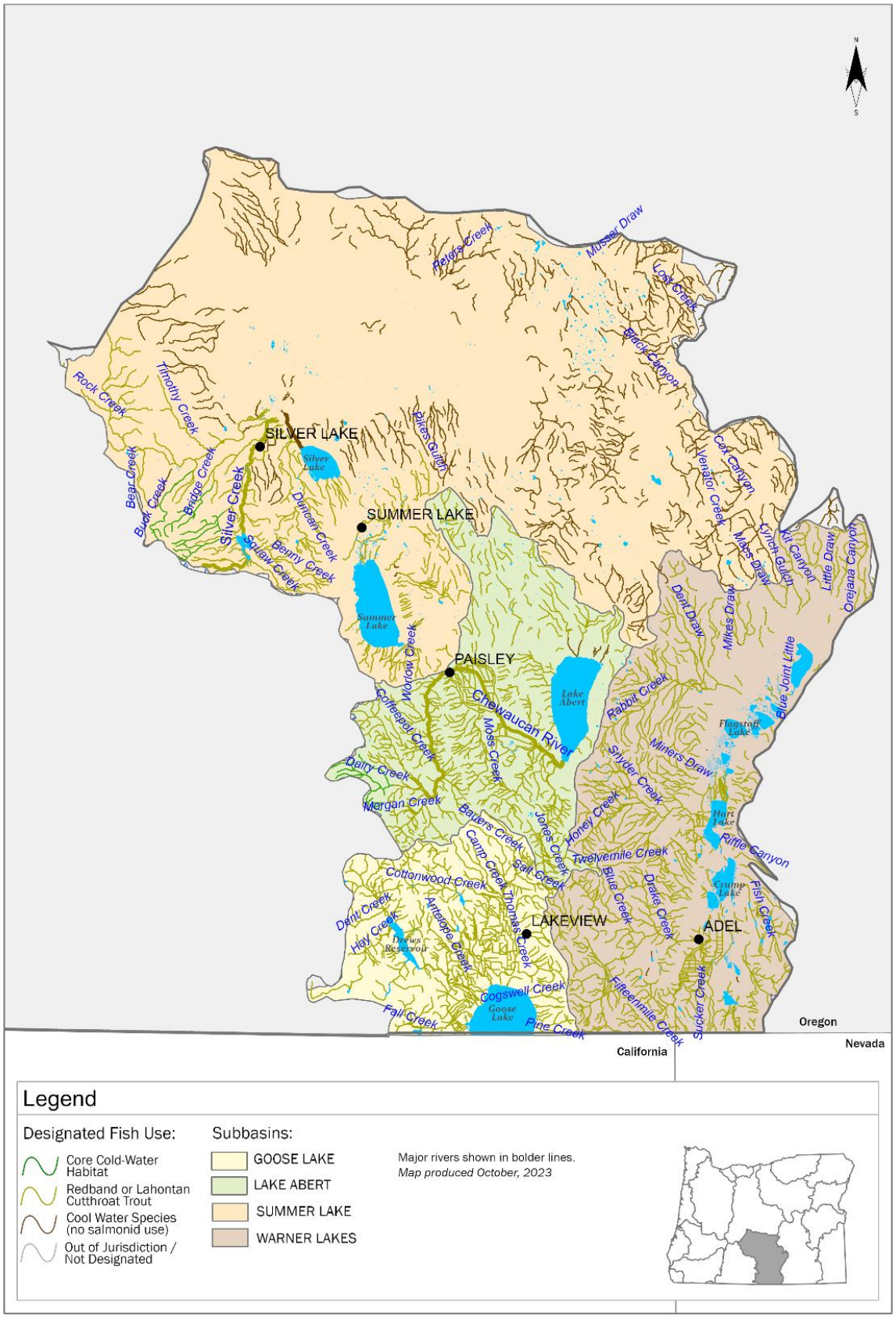
~~Geographic Extent of Use~~	~~Redband or Lahontan Cutthroat Trout (20°C)~~	~~Cool Water Species (No Salmonid Use)~~
~~Summer Lake Subbasin~~		
~~Ft. Rock subbasin*: Silver Creek, Buck Creek and Bridge Creek~~	~~X~~	
~~Ft. Rock subbasin*: all other streams~~		~~X~~
~~Alkali Lake subbasin*~~		~~X~~
~~All other Summer Lake subbasin streams~~	~~X~~	
~~All other Goose and Summer Lakes basin streams within Oregon~~	~~X~~	
~~All other Highly Alkaline & Saline Lakes in this basin.~~		~~X~~

NOTE: DEQ proposes to add Figures 140A and 140B dated October 2023 shown below. The 2003 Figures may be viewed at this link: Oregon Secretary of State Administrative Rules.

State of Oregon Department of Environmental Quality

OAR 340-041-0140 – Figure 140A

Year-Round Temperature Fish Use Designations
Goose and Summer Lake Basin, Oregon



Legend

Designated Fish Use:

- Core Cold-Water Habitat
- Redband or Lahontan Cutthroat Trout
- Cool Water Species (no salmonid use)
- Out of Jurisdiction / Not Designated

Subbasins:

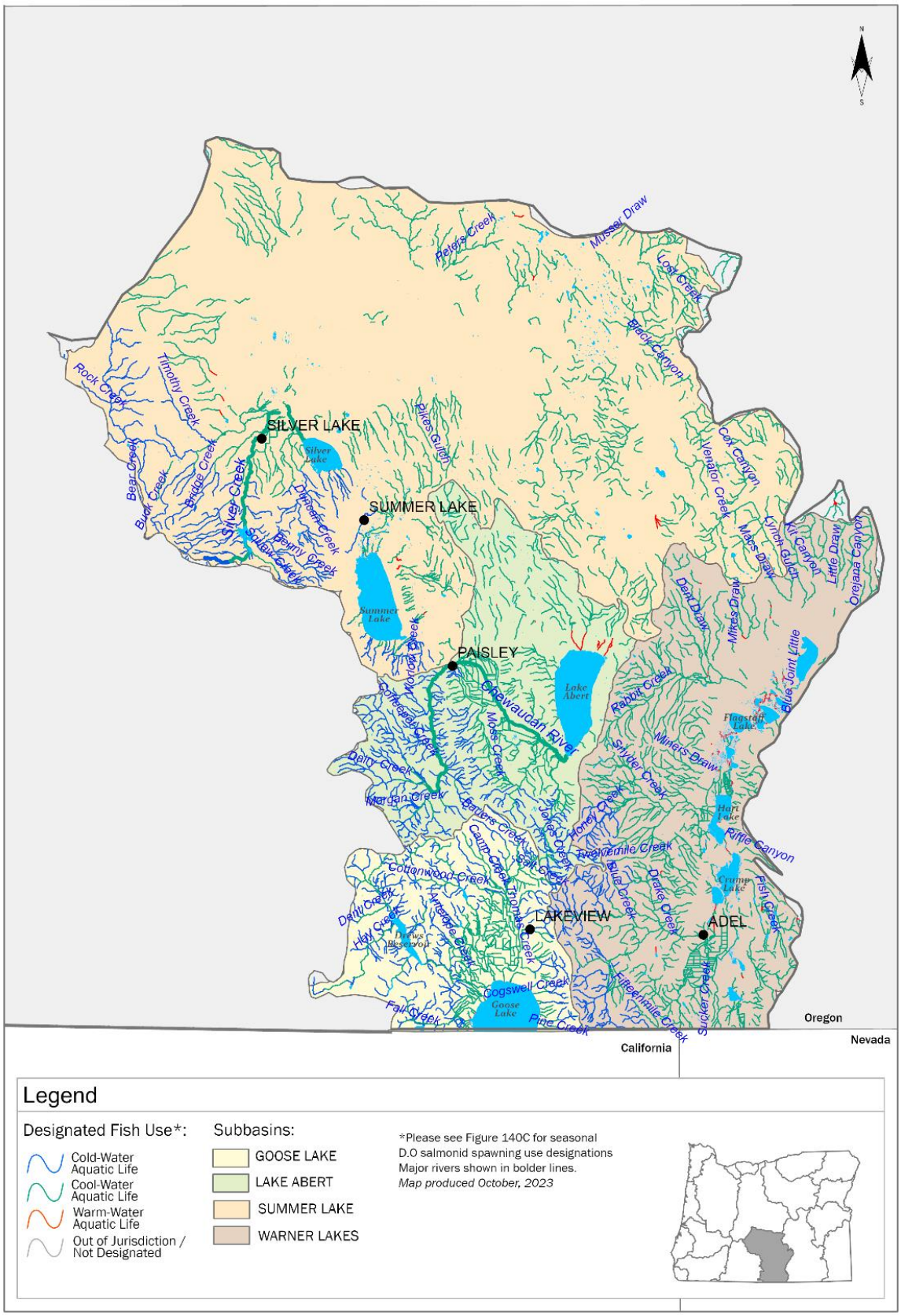
- GOOSE LAKE
- LAKE ABERT
- SUMMER LAKE
- WARNER LAKES

Major rivers shown in bolder lines.
Map produced October, 2023

State of Oregon Department of Environmental Quality

OAR 340-041-0140 – Figure 140B

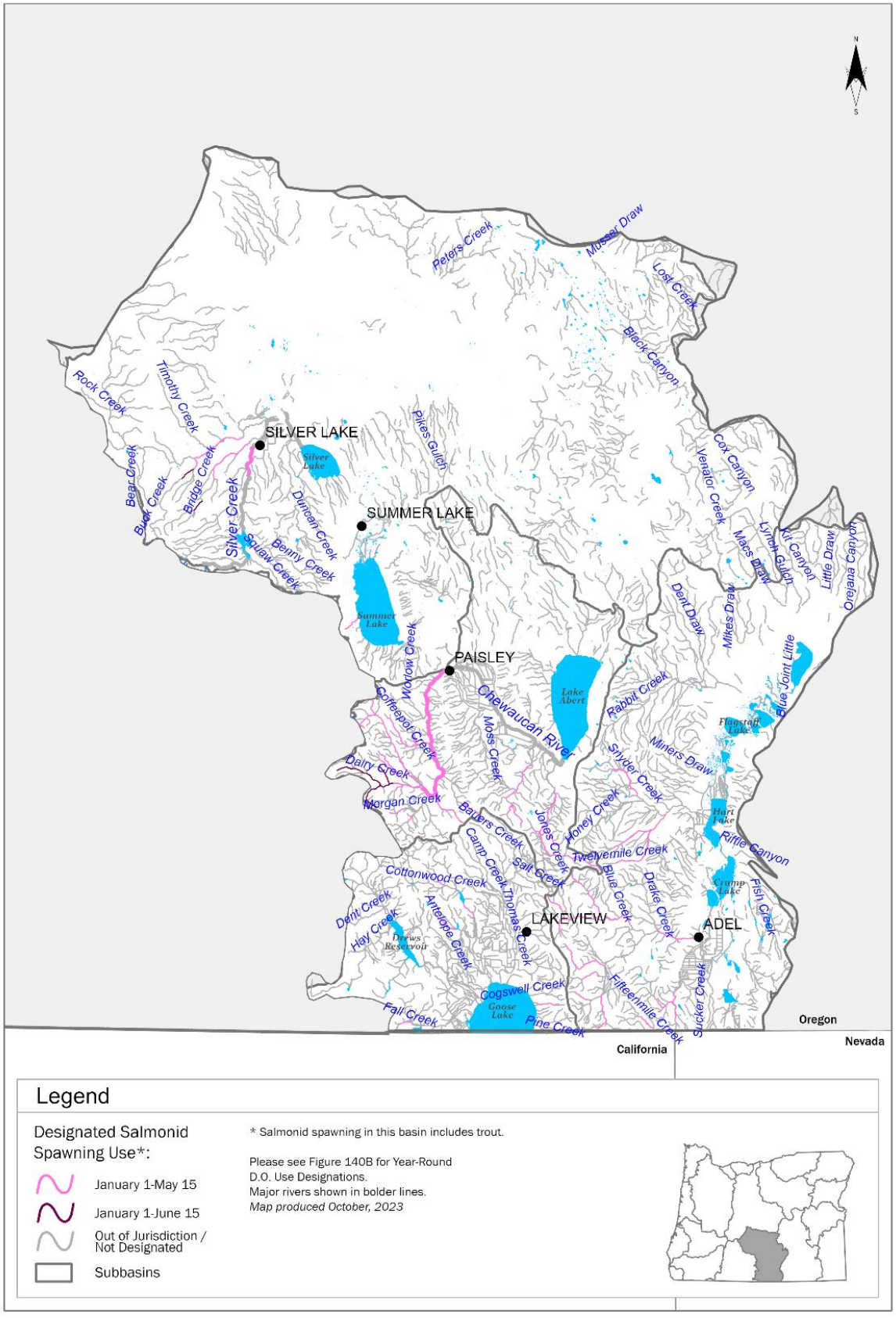
Year-Round Dissolved Oxygen Fish Use Designations
Goose and Summer Lake Basin, Oregon



State of Oregon Department of Environmental Quality

OAR 340-041-0140 – Figure 140C

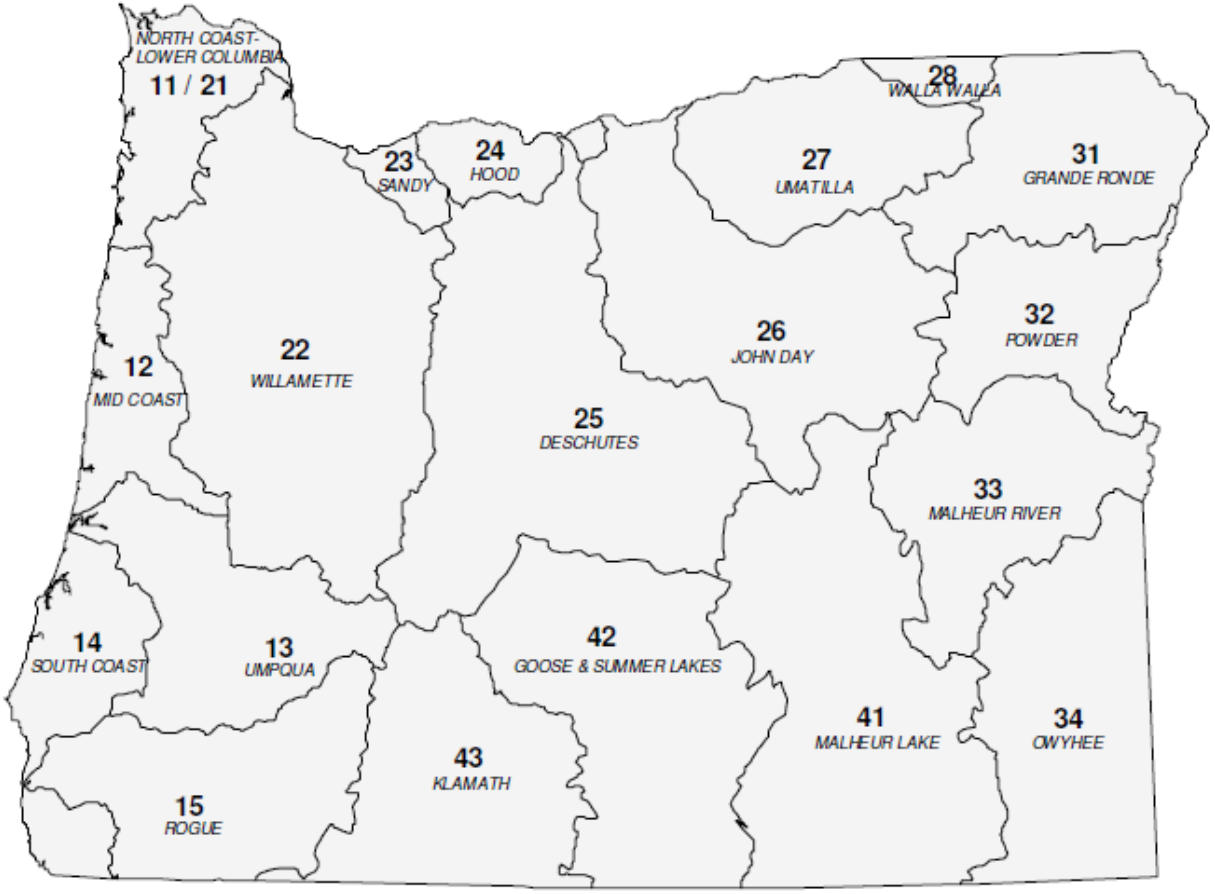
Seasonal Dissolved Oxygen Salmonid Spawning Use Designations
Goose and Summer Lake Basin, Oregon



State of Oregon Department of Environmental Quality

OAR 340-041-0151
Tables and Figures

Figure 1: Oregon Basin Index Map



Basin Name	Basin #	OAR #
DESCHUTES	25	340-041-0130
GOOSE & SUMMER LKS	42	340-041-0140
GRANDE RONDE	31	340-041-0151
HOOD	24	340-041-0160
JOHN DAY	26	340-041-0170
KLAMATH	43	340-041-0180
MALHEUR LAKE	41	340-041-0190
MALHEUR RIVER	33	340-041-0201
MD COAST	12	340-041-0220
NORTH COAST-LWR COL	11-21	340-041-0230
OWYHEE	34	340-041-0250
POWDER	32	340-041-0260
ROGUE	15	340-041-0271
SANDY	23	340-041-0286
SOUTH COAST	14	340-041-0300
UMATILLA	27	340-041-0310
UMPQUA	13	340-041-0320
WALLA WALLA	28	340-041-0330
WILLAMETTE	22	340-041-0340

OAR 340-041-0151
Table 151A
Designated Beneficial Uses
Grand Ronde Basin

Beneficial Uses	Main Stem Grand Ronde River (RM 39 to 165)	All Other Basin Waters
Public Domestic Water Supply[1]	X	X
Private Domestic Water Supply[1]	X	X
Industrial Water Supply	X	X
Irrigation	X	X
Livestock Watering	X	X
Fish & Aquatic Life[2]	X	X
Wildlife & Hunting	X	X
Fishing	X	X
Boating	X	X
Water Contact Recreation	X	X
Aesthetic Quality	X	X
Hydro Power	X	X
Commercial Navigation & Transportation		

[1] With adequate pretreatment (filtration and disinfection) and natural quality to meet drinking water standards.

[2] See also Figures 151A, 151B, 151C and 151D for fish use designations for this basin.

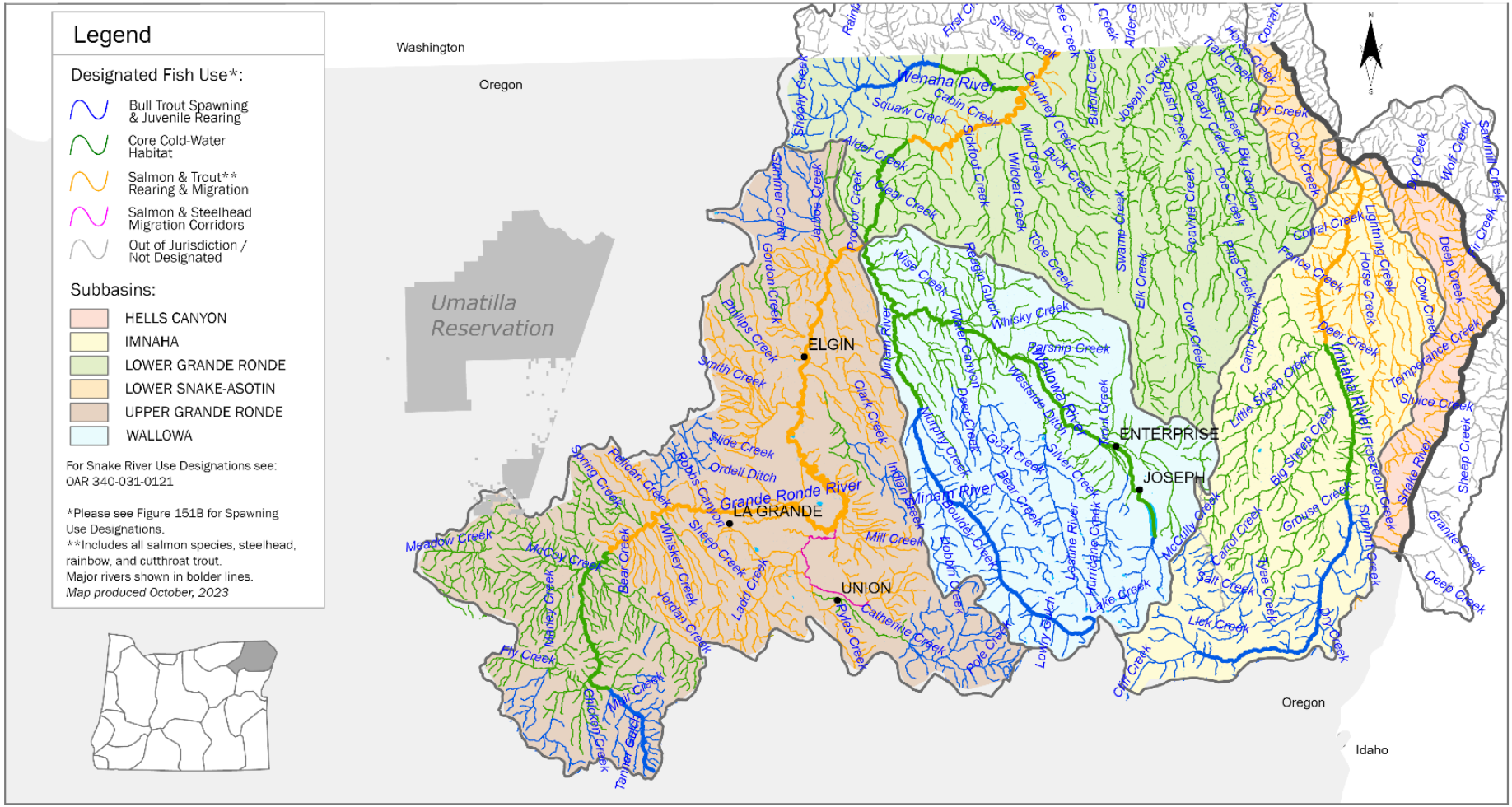
NOTE: DEQ proposes to replace Figures 151A and 151B dated November 2003 with the Figures 151A and 151B dated October 2023 shown below. Figures 151C and 151D dated October 2023 are proposed to be added. The 2003 Figures may be viewed at this link: Oregon Secretary of State Administrative Rules.

State of Oregon Department of Environmental Quality

OAR 340-041-0151 – Figure 151A

Year-Round Temperature Fish Use Designations

Grande Ronde Basin, Oregon

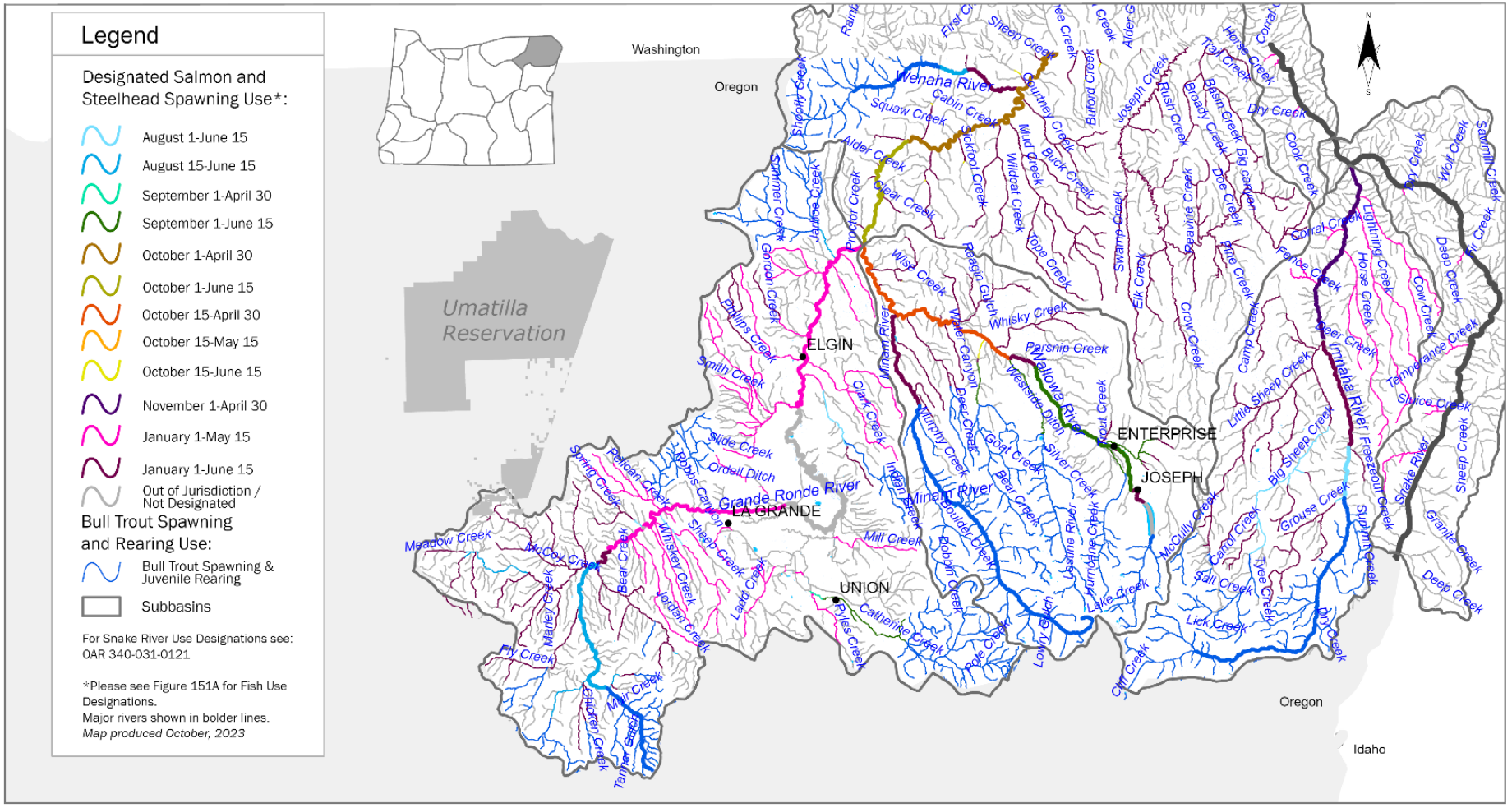


State of Oregon Department of Environmental Quality

OAR 340-041-0151 – Figure 151B

Seasonal Salmon and Steelhead Spawning Use Designations

Grande Ronde Basin, Oregon

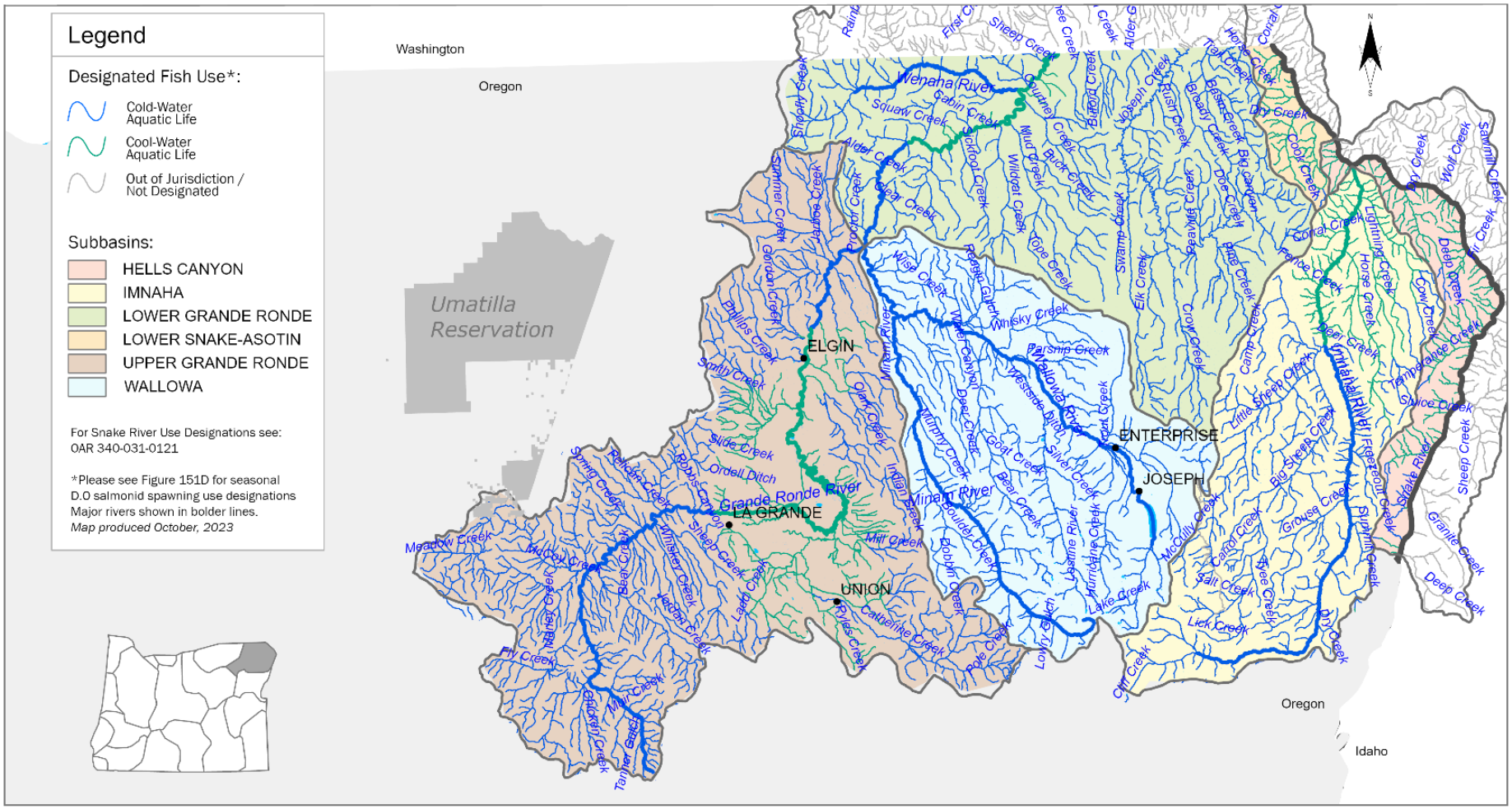


State of Oregon Department of Environmental Quality

OAR 340-041-0151 – Figure 151C

Year-Round Dissolved Oxygen Fish Use Designations

Grande Ronde Basin, Oregon

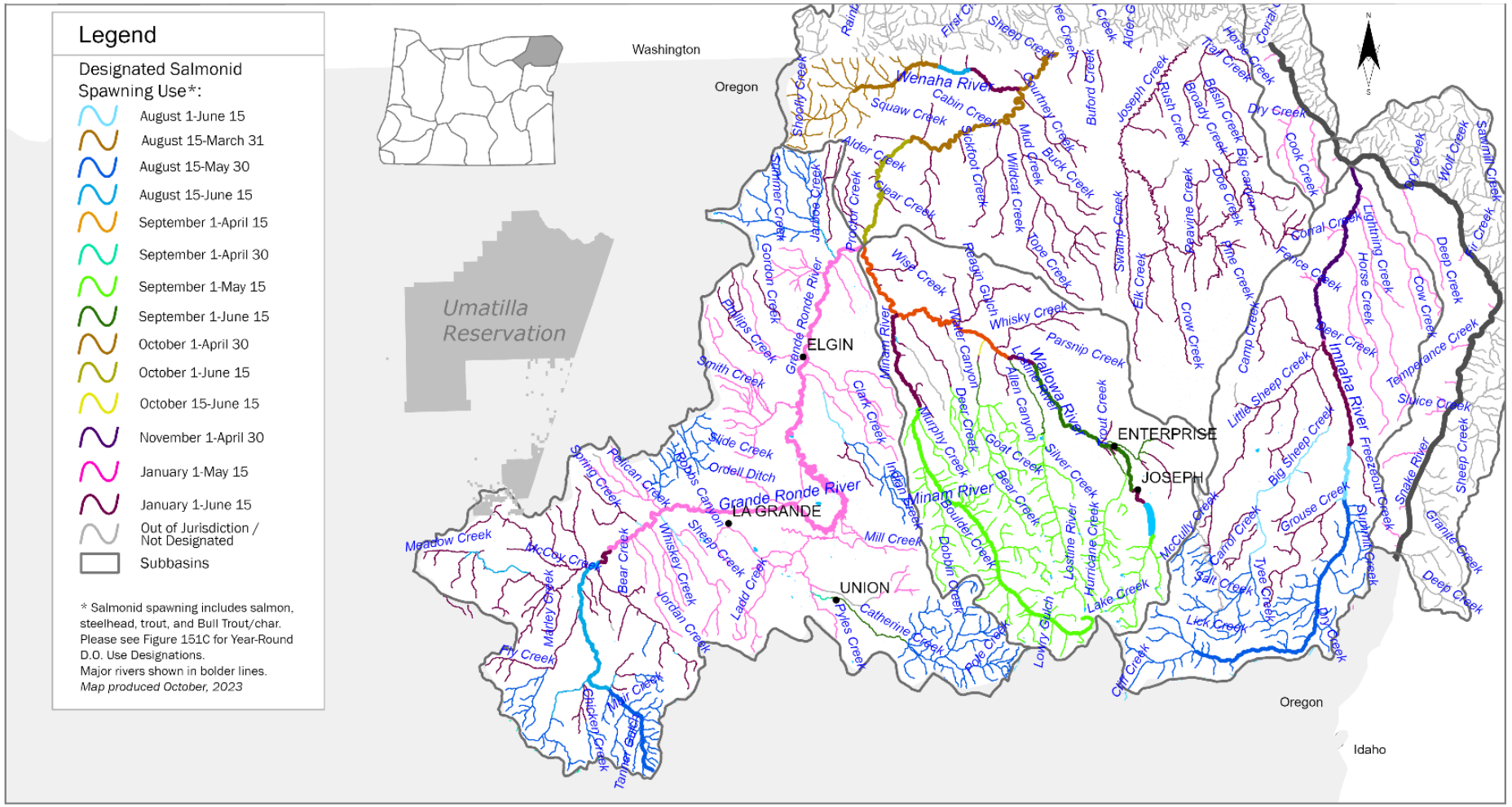


State of Oregon Department of Environmental Quality

OAR 340-041-0151 – Figure 151D

Seasonal Dissolved Oxygen Salmonid Spawning Use Designations

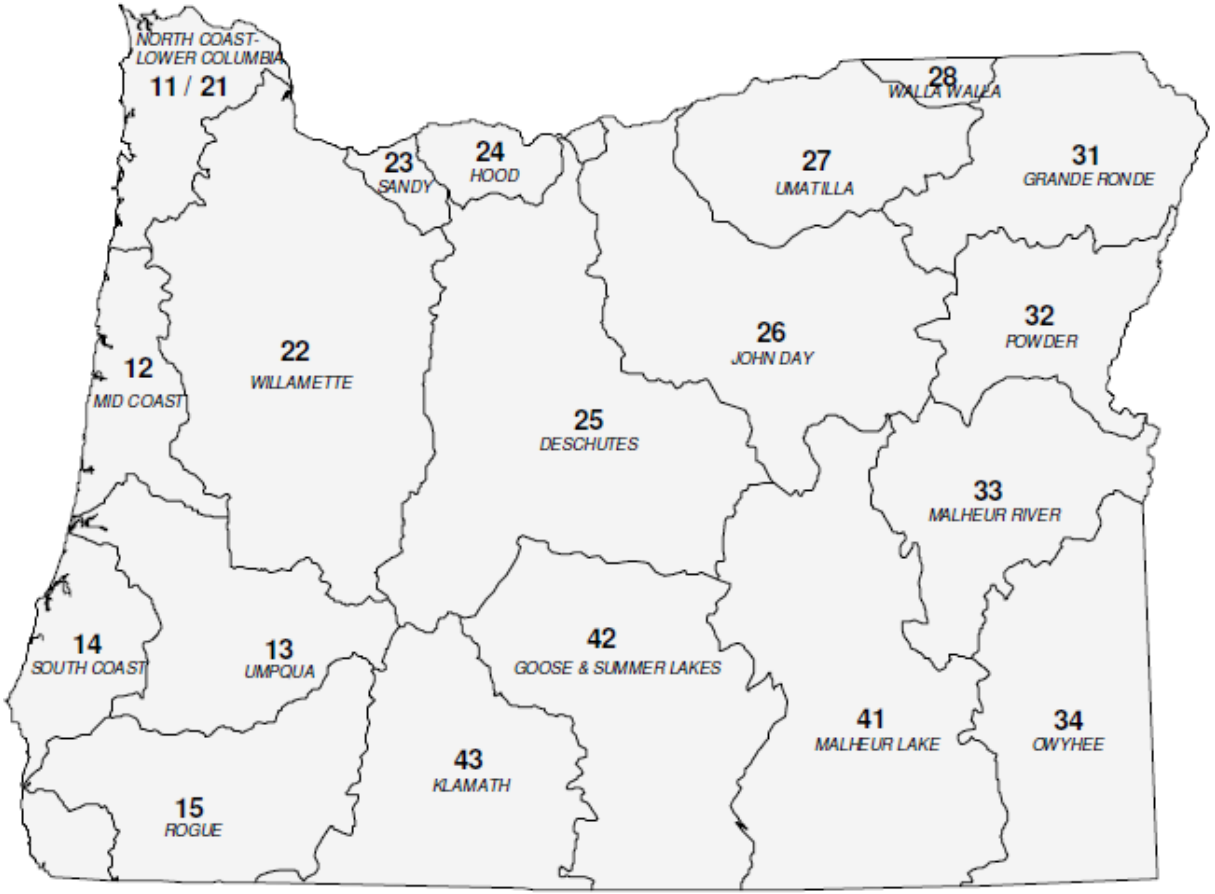
Grande Ronde Basin, Oregon



State of Oregon Department of Environmental Quality

OAR 340-041-0160
Tables and Figures

Figure 1: Oregon Basin Index Map



Basin Name	Basin #	OAR #
DESCHUTES	25	340-041-0130
GOOSE & SUMMER LKS	42	340-041-0140
GRANDE RONDE	31	340-041-0151
HOOD	24	340-041-0160
JOHN DAY	26	340-041-0170
KLAMATH	43	340-041-0180
MALHEUR LAKE	41	340-041-0190
MALHEUR RIVER	33	340-041-0201
MD COAST	12	340-041-0220
NORTH COAST-LWR COL	11-21	340-041-0230
OWYHEE	34	340-041-0250
POWDER	32	340-041-0260
ROGUE	15	340-041-0271
SANDY	23	340-041-0286
SOUTH COAST	14	340-041-0300
UMATILLA	27	340-041-0310
UMPQUA	13	340-041-0320
WALLA WALLA	28	340-041-0330
WILLAMETTE	22	340-041-0340

OAR 340-041-0160
Table 160A
Designated Beneficial Uses
Hood Basin

Beneficial Uses	Hood River Basin Streams
Public Domestic Water Supply[1]	X
Private Domestic Water Supply[1]	X
Industrial Water Supply	X
Irrigation	X
Livestock Watering	X
Fish & Aquatic Life[2]	X
Wildlife & Hunting	X
Fishing	X
Boating	X
Water Contact Recreation	X
Aesthetic Quality	X
Hydro Power	X
Commercial Navigation & Transportation	

[1] With adequate pretreatment (filtration & disinfection) and natural quality to meet drinking water standards.

[2] See also Figures 160A, 160B, 160C, and 160D for fish use designations for this basin.

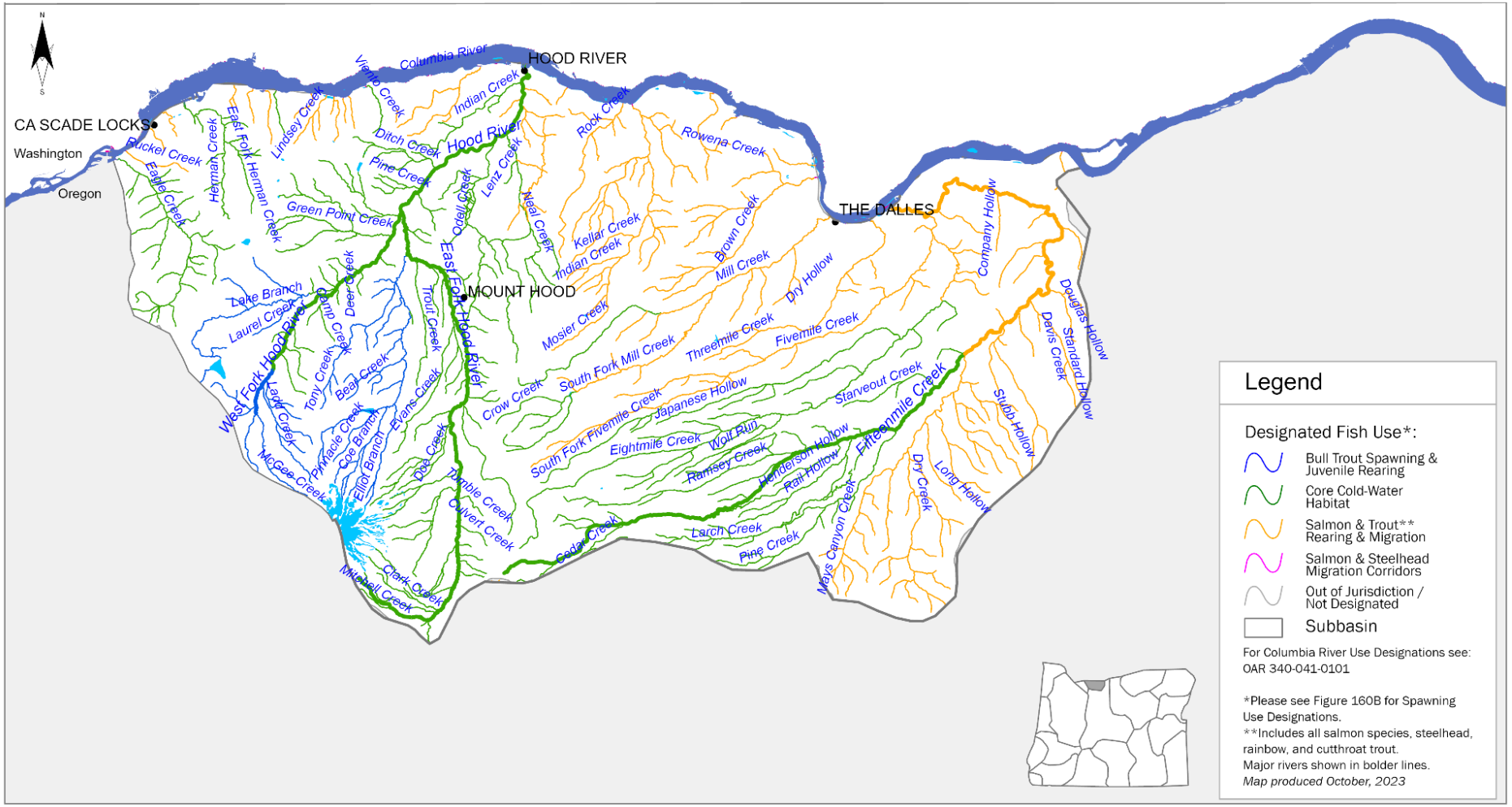
NOTE: DEQ proposes to replace Figures 160A and 160B dated November 2003 with the Figures 160A and 160B dated October 2023 shown below. Figures 160C and 160D dated October 2023 are proposed to be added. The 2003 Figures may be viewed at this link: Oregon Secretary of State Administrative Rules.

State of Oregon Department of Environmental Quality

OAR 340-041-0160 – Figure 160A

Year-Round Temperature Fish Use Designations

Hood Basin, Oregon

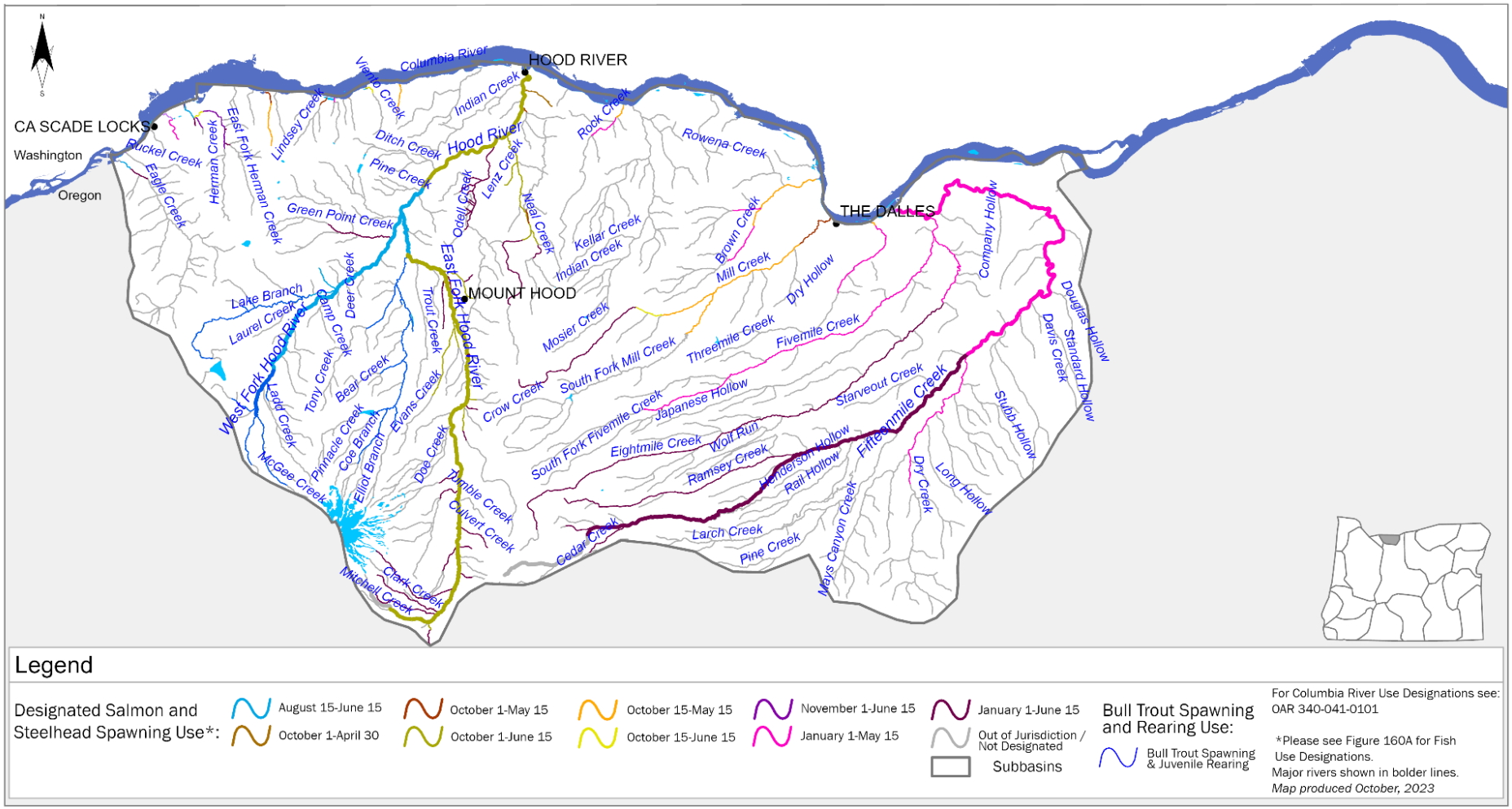


State of Oregon Department of Environmental Quality

OAR 340-041-0160 – Figure 160B

Seasonal Salmon and Steelhead Spawning Use Designations

Hood Basin, Oregon

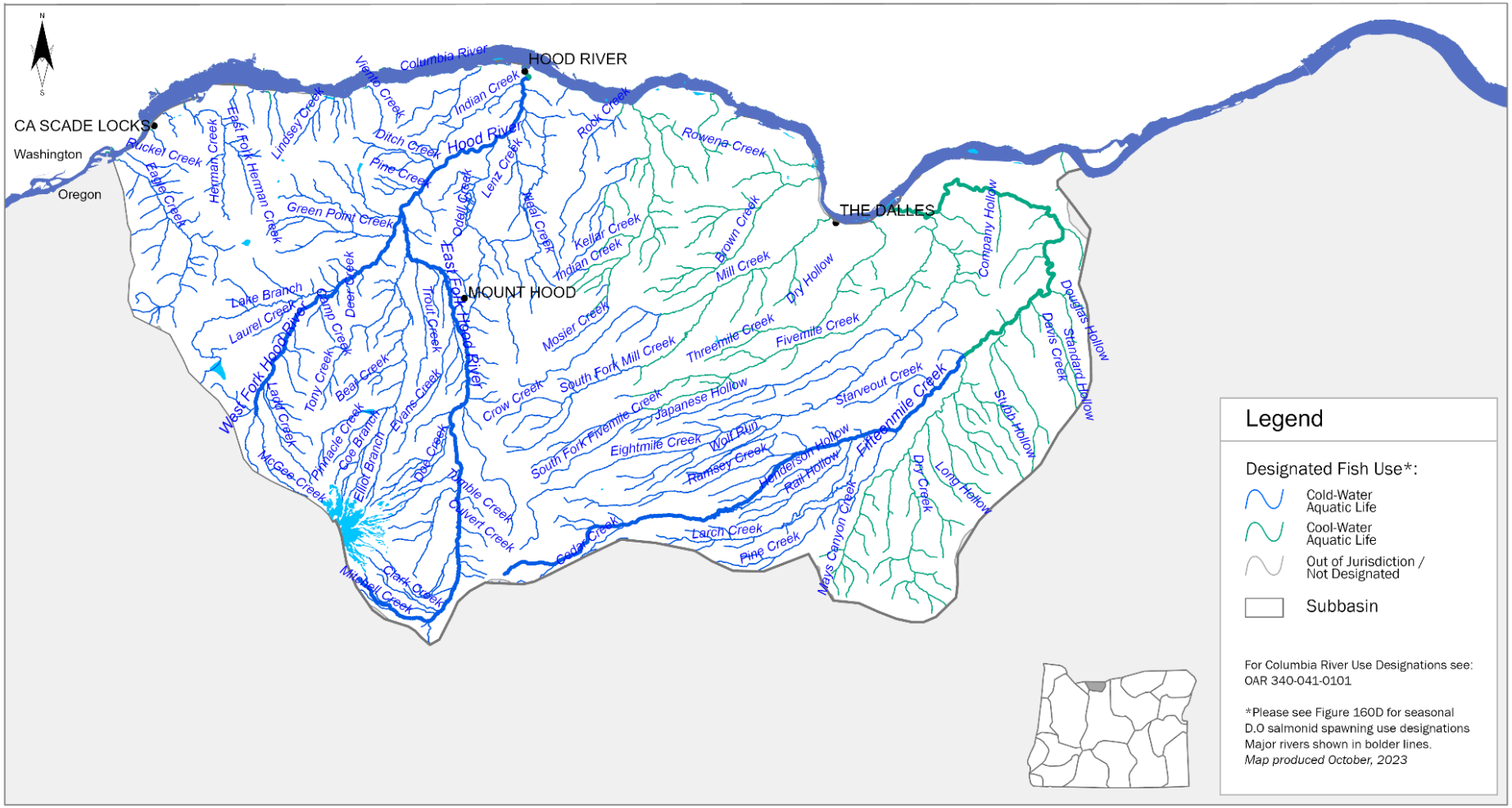


State of Oregon Department of Environmental Quality

OAR 340-041-0160 – Figure 160C

Year-Round Dissolved Oxygen Fish Use Designations

Hood Basin, Oregon

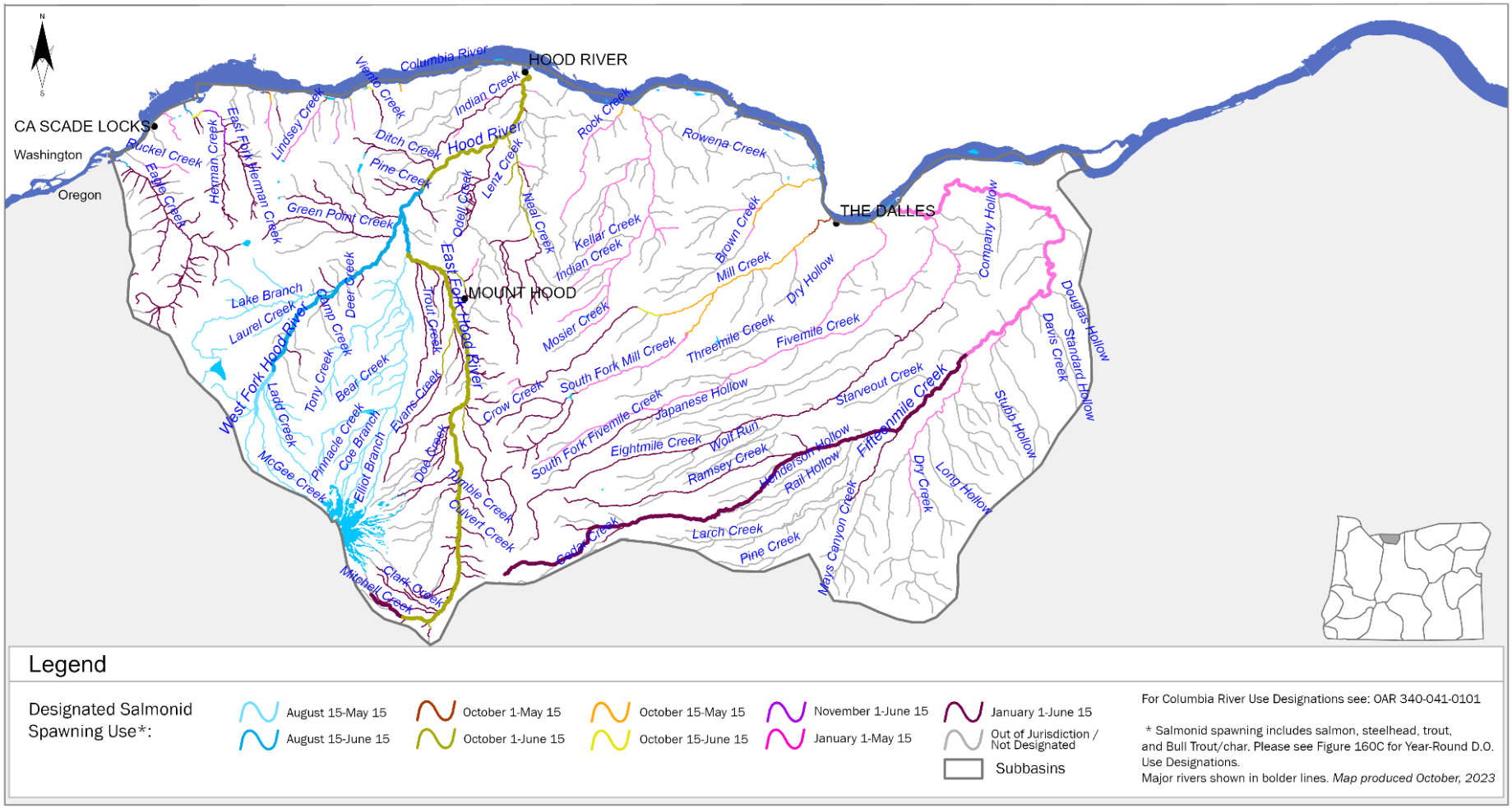


State of Oregon Department of Environmental Quality

OAR 340-041-0160 – Figure 160D

Seasonal Dissolved Oxygen Salmonid Spawning Use Designations

Hood Basin, Oregon



Legend

Designated Salmonid Spawning Use*:

- August 15-May 15
- August 15-June 15
- October 1-May 15
- October 1-June 15
- October 15-May 15
- October 15-June 15
- November 1-June 15
- January 1-May 15
- January 1-June 15
- Out of Jurisdiction / Not Designated
- Subbasins

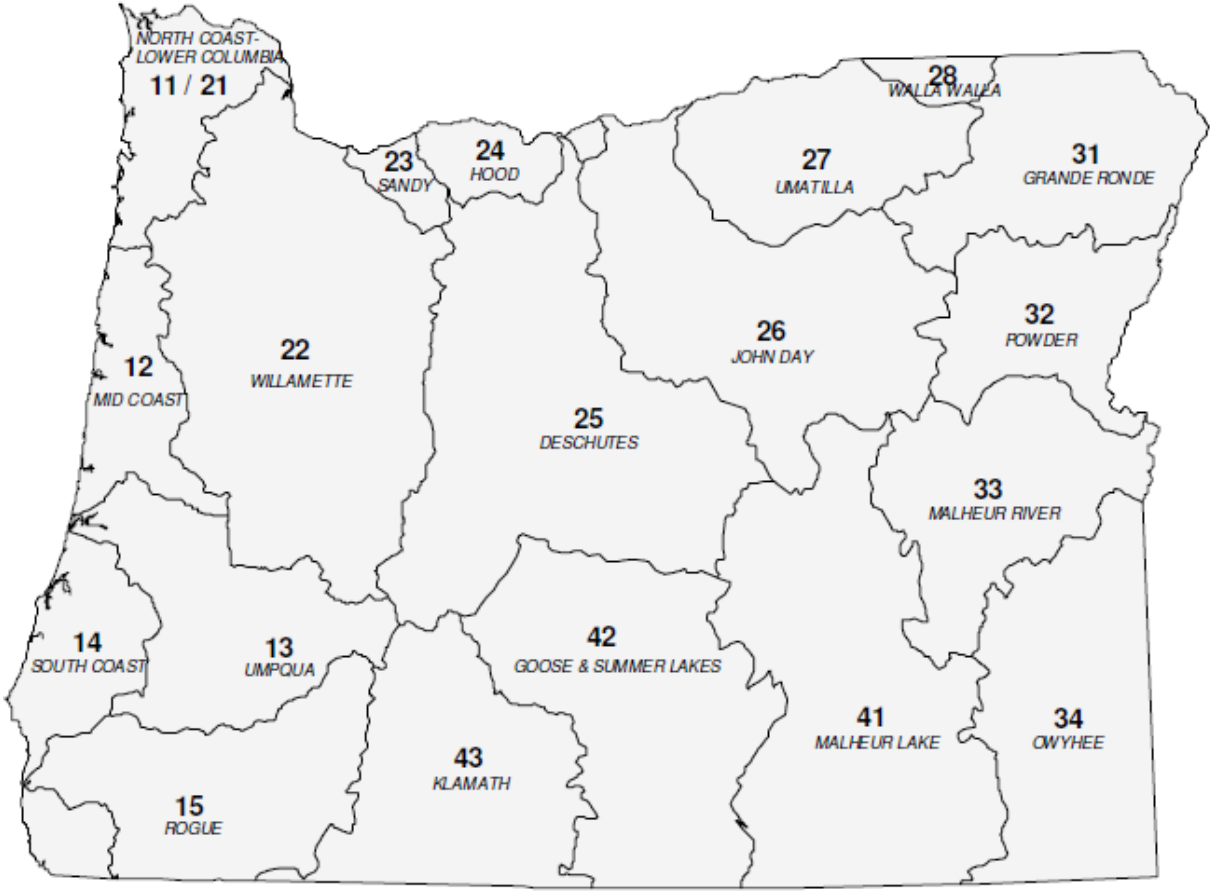
For Columbia River Use Designations see: OAR 340-041-0101

* Salmonid spawning includes salmon, steelhead, trout, and Bull Trout/char. Please see Figure 160C for Year-Round D.O. Use Designations.
Major rivers shown in bolder lines. *Map produced October, 2023*

State of Oregon Department of Environmental Quality

OAR 340-041-0170
Tables and Figures

Figure 1: Oregon Basin Index Map



Basin Name	Basin #	OAR #
DESCHUTES	25	340-041-0130
GOOSE & SUMMER LKS	42	340-041-0140
GRANDE RONDE	31	340-041-0151
HOOD	24	340-041-0160
JOHN DAY	26	340-041-0170
KLAMATH	43	340-041-0180
MALHEUR LAKE	41	340-041-0190
MALHEUR RIVER	33	340-041-0201
MD COAST	12	340-041-0220
NORTH COAST-LWR COL	11-21	340-041-0230
OWYHEE	34	340-041-0250
POWDER	32	340-041-0260
ROGUE	15	340-041-0271
SANDY	23	340-041-0286
SOUTH COAST	14	340-041-0300
UMATILLA	27	340-041-0310
UMPQUA	13	340-041-0320
WALLA WALLA	28	340-041-0330
WILLAMETTE	22	340-041-0340

OAR 340-041-0170
Table 170A
Designated Beneficial Use
John Day Basin

Beneficial Uses	John Day River & All Tributaries
Public Domestic Water Supply[1]	X
Private Domestic Water Supply[1]	X
Industrial Water Supply	X
Irrigation	X
Livestock Watering	X
Fish & Aquatic Life[2]	X
Wildlife & Hunting	X
Fishing	X
Boating	X
Water Contact Recreation	X
Aesthetic Quality	X
Hydro Power	
Commercial Navigation & Transportation	

[1] With adequate pretreatment (filtration & disinfection) and natural quality to meet drinking water standards.

[2] See also Figures 170A~~, and~~ 170B, 170C and 170D for fish use designations for this basin.

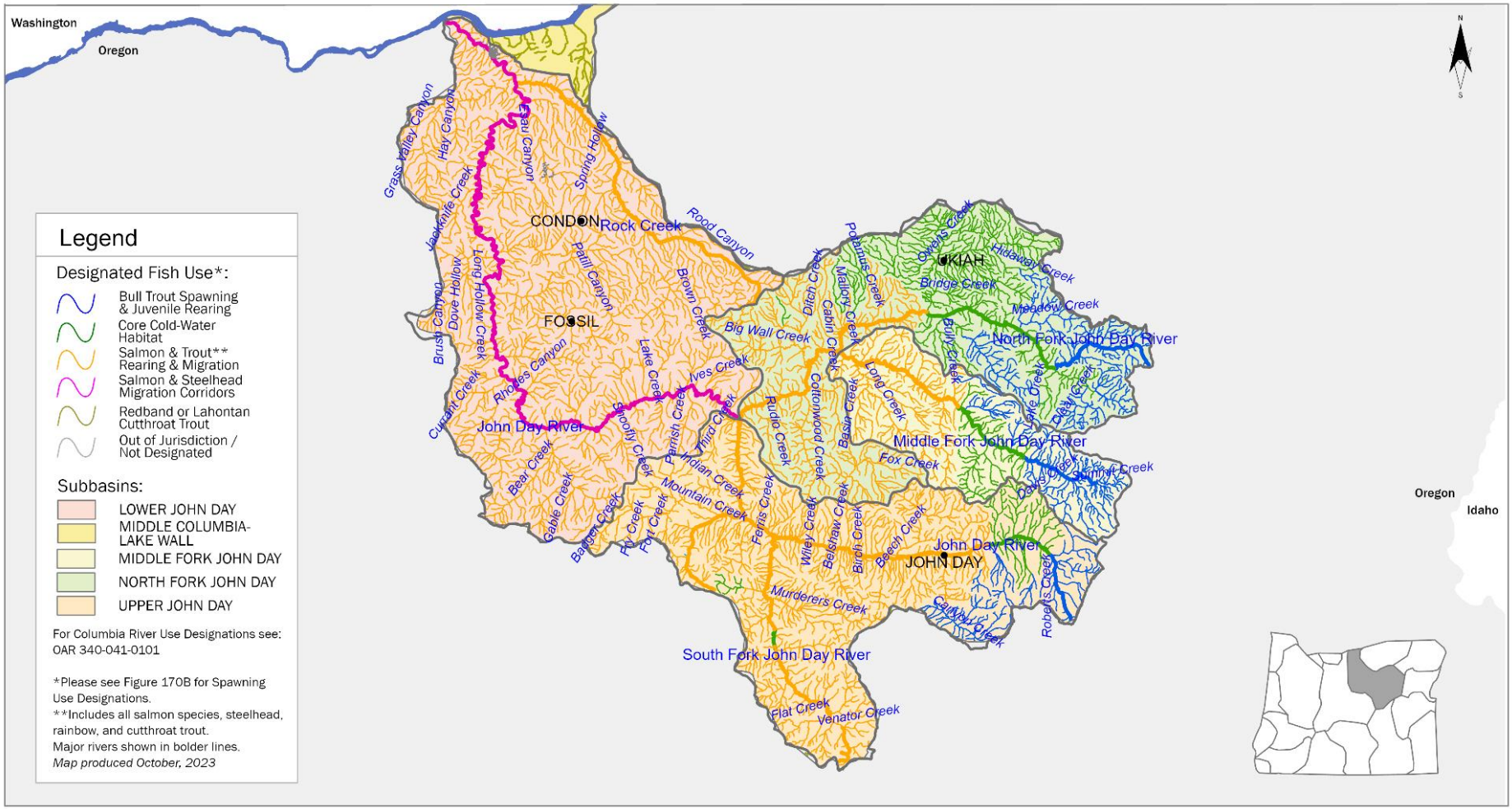
Table produced November, 2003

NOTE: DEQ proposes to replace Figures 170A and 170B dated November 2003 with the Figures 170A and 170B dated October 2023 shown below. Figures 170C and 170D dated October 2023 are proposed to be added. The 2003 Figures may be viewed at this link: Oregon Secretary of State Administrative Rules.

State of Oregon Department of Environmental Quality

OAR 340-041-0170 – Figure 170A

Year-Round Temperature Fish Use Designations
John Day Basin, Oregon

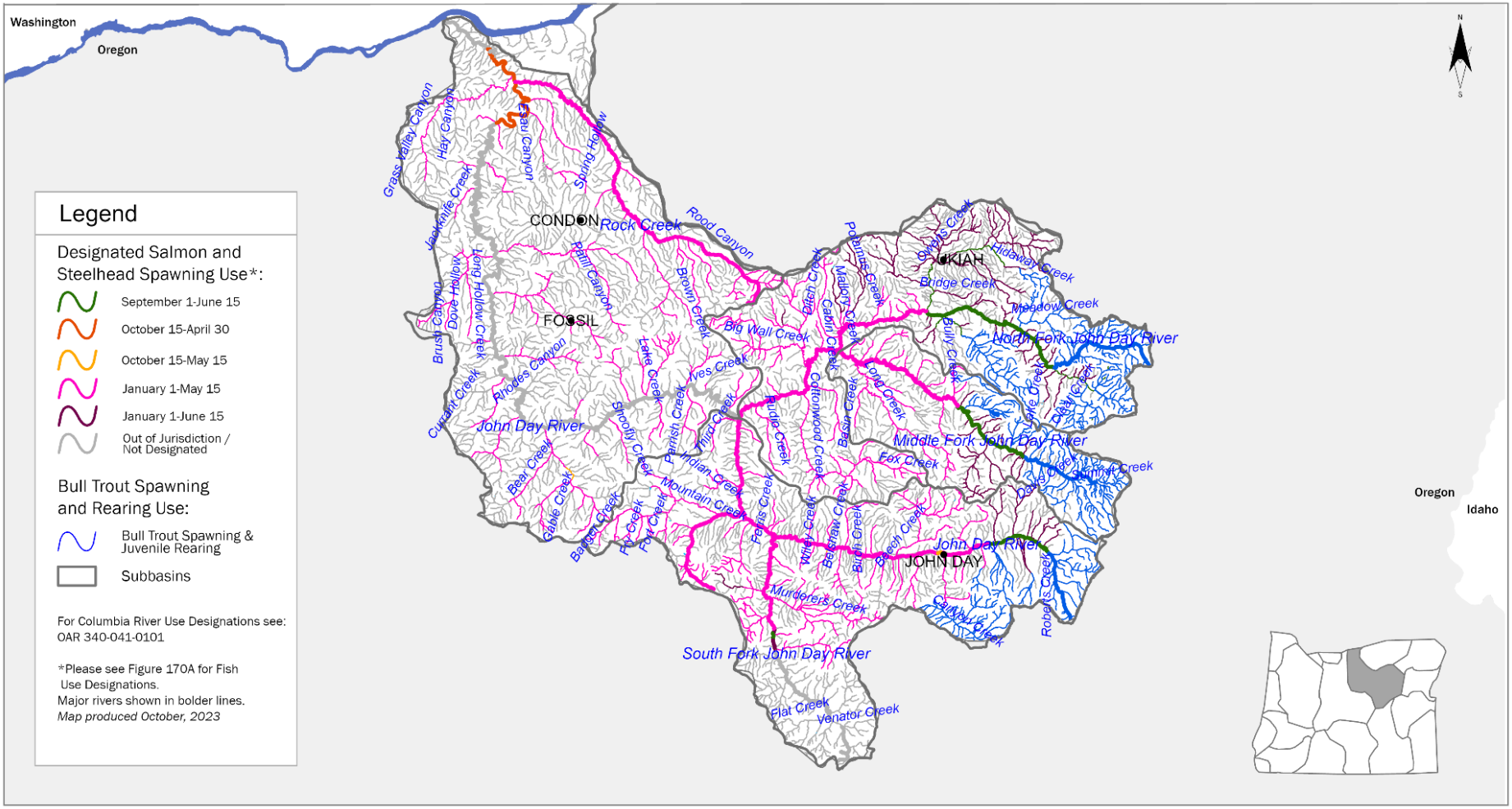


State of Oregon Department of Environmental Quality

OAR 340-041-0170 – Figure 170B

Seasonal Salmon and Steelhead Spawning Use Designations

John Day Basin, Oregon

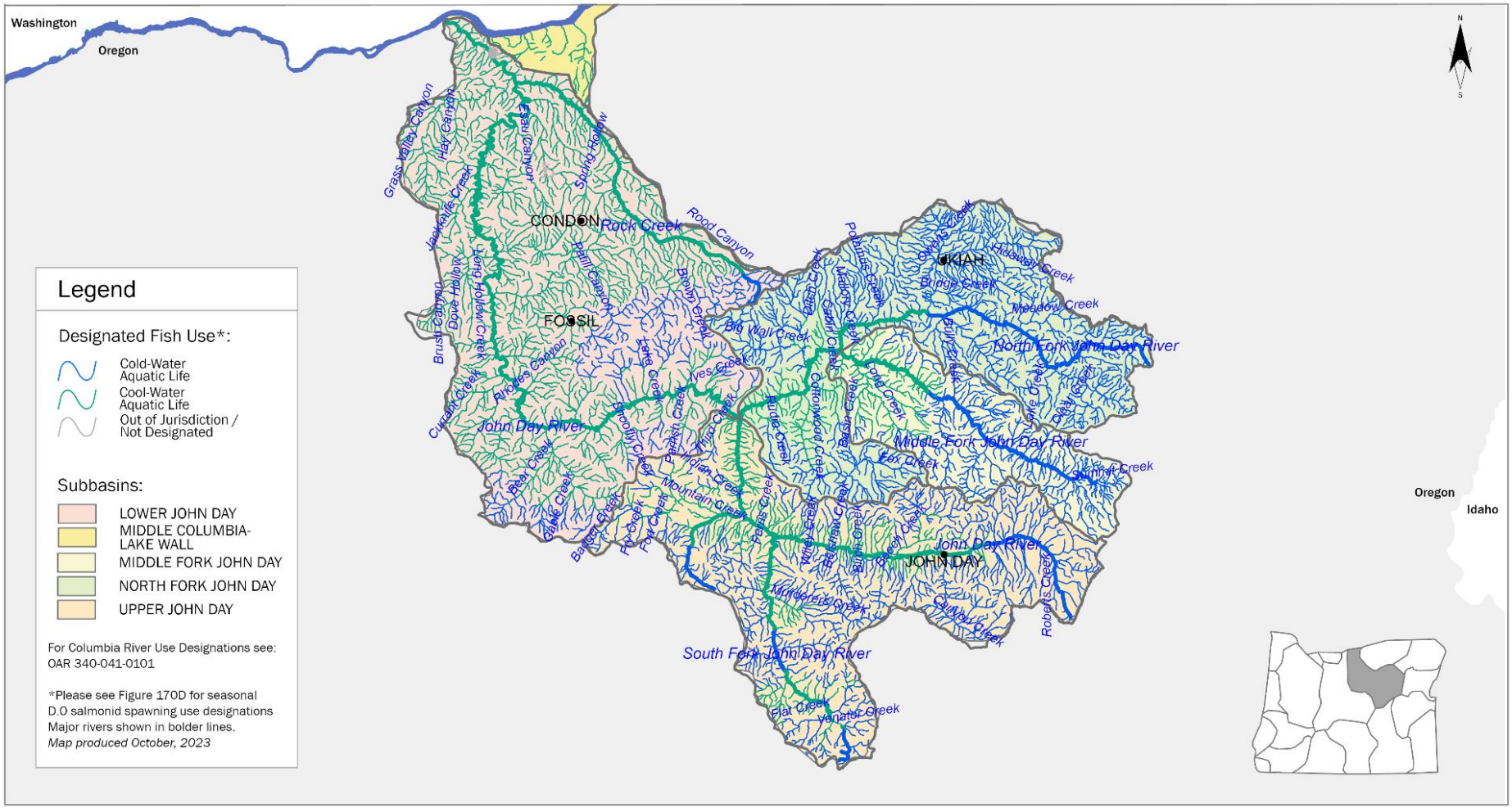


ate of Oregon Department of Environmental Quality

OAR 340-041-0170 – Figure 170C

ear-Round Dissolved Oxygen Fish Use Designations

John Day Basin, Oregon

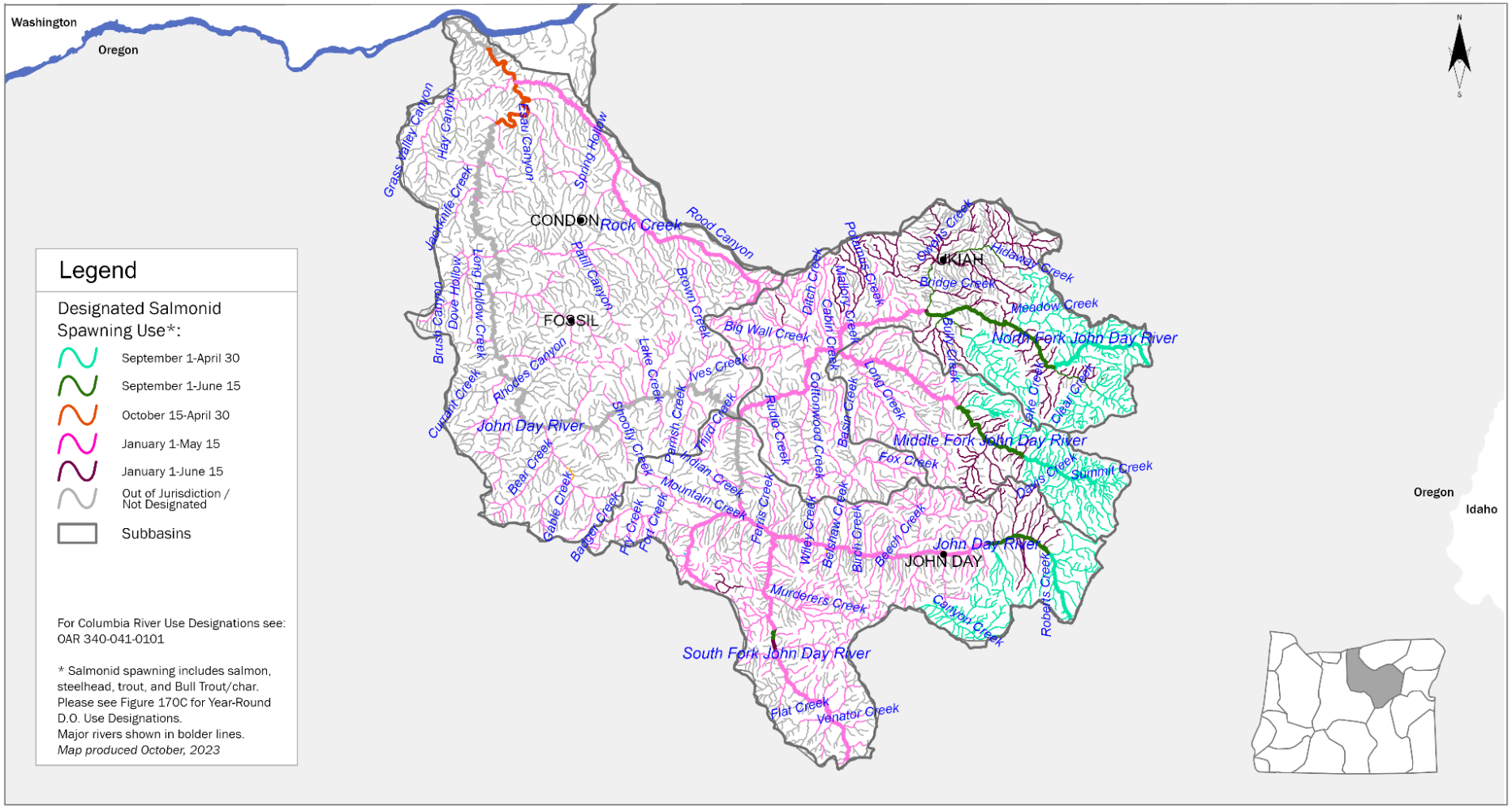


State of Oregon Department of Environmental Quality

OAR 340-041-0170 – Figure 170D

Seasonal Dissolved Oxygen Salmonid Spawning Use Designations

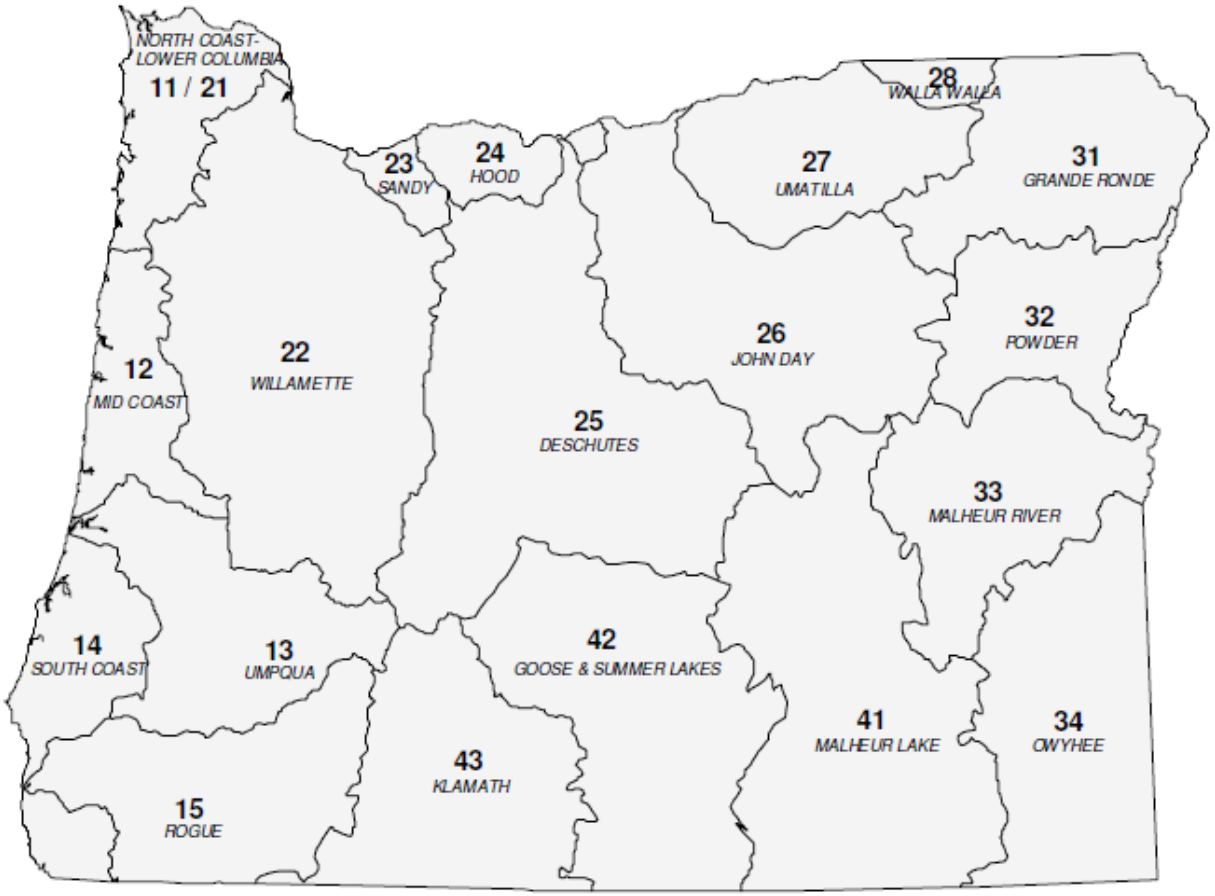
John Day Basin, Oregon



State of Oregon Department of Environmental Quality

OAR 340-041-0180
Tables and Figures

Figure 1: Oregon Basin Index Map



Basin Name	Basin #	OAR #
DESCHUTES	25	340-041-0130
GOOSE & SUMMER LKS	42	340-041-0140
GRANDE RONDE	31	340-041-0151
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JOHN DAY	26	340-041-0170
KLAMATH	43	340-041-0180
MALHEUR LAKE	41	340-041-0190
MALHEUR RIVER	33	340-041-0201
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NORTH COAST-LWR COL	11-21	340-041-0230
OWYHEE	34	340-041-0250
POWDER	32	340-041-0260
ROGUE	15	340-041-0271
SANDY	23	340-041-0286
SOUTH COAST	14	340-041-0300
UMATILLA	27	340-041-0310
UMPQUA	13	340-041-0320
WALLA WALLA	28	340-041-0330
WILLAMETTE	22	340-041-0340

OAR 340-041-0180
Table 180A
Designated Beneficial Uses
Klamath Basin

Beneficial Uses	Klamath River from Klamath Lake to Keno Dam (RM 255 to 232.5)	Lost River (Rm 5 to 65) & Lost River Diversion Channel	All Other Basin Waters
Public Domestic Water Supply[1]	X	X	X
Private Domestic Water Supply[1]	X	X	X
Industrial Water Supply	X	X	X
Irrigation	X	X	X
Livestock Watering	X	X	X
Fish & Aquatic Life[2]	X	X	X
Wildlife & Hunting	X	X	X
Fishing	X	X	X
Boating	X	X	X
Water Contact Recreation	X	X	X
Aesthetic Quality	X	X	X
Hydro Power	X		
Commercial Navigation & Transportation	X		

[1] With adequate pretreatment (filtration & disinfection) and natural quality to meet drinking water standards.

[2] See also Figures 180A, 180B, 180C and 180D for fish use designations for this basin.

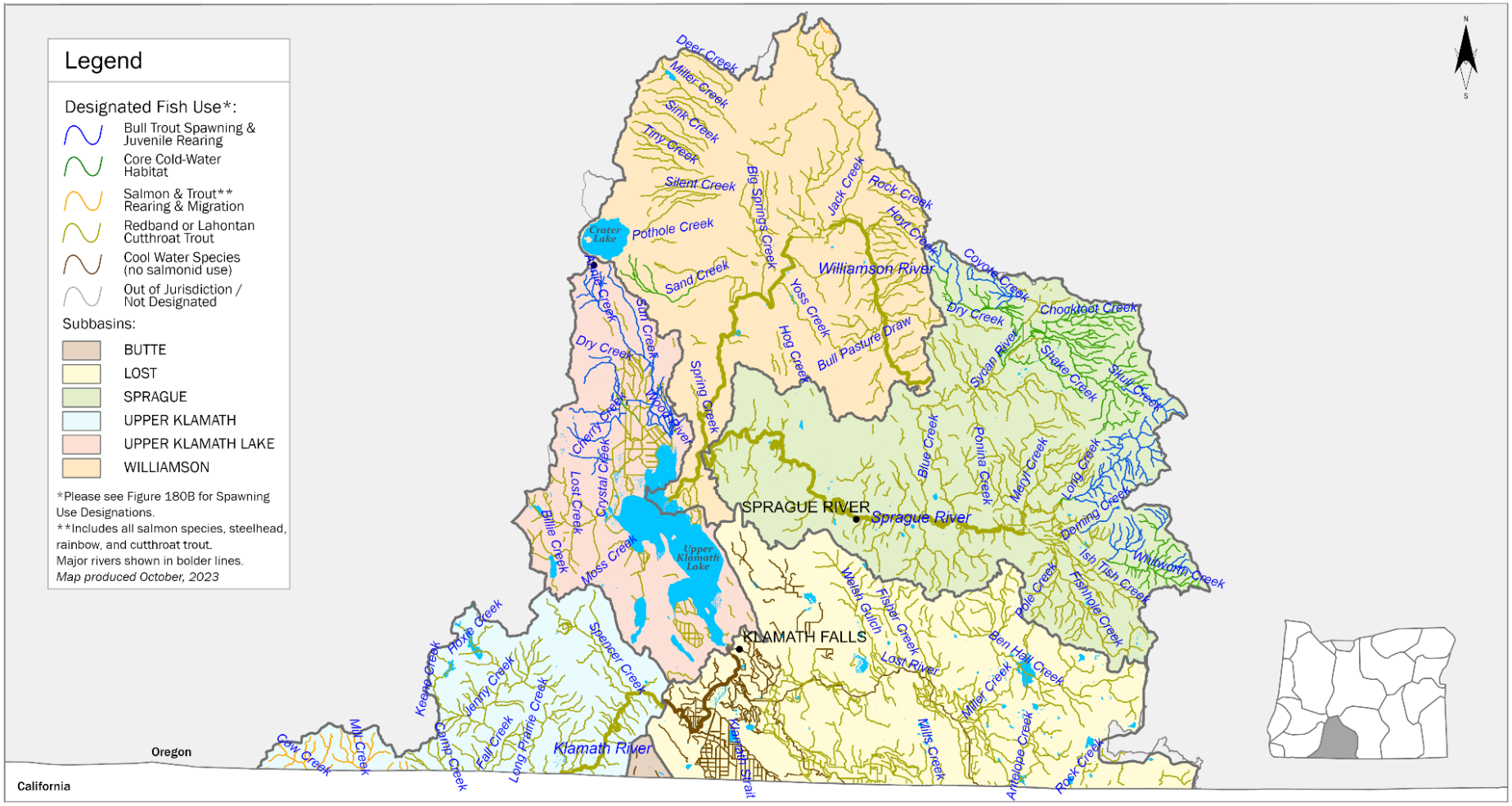
NOTE: DEQ proposes to replace Figure 180A dated November 2003 with the Figure 180A dated October 2023 shown below. Figures 180B, 180C and 180D dated October 2023 are proposed to be added. The 2003 Figures may be viewed at this link: Oregon Secretary of State Administrative Rules.

State of Oregon Department of Environmental Quality

OAR 340-041-0180 – Figure 180A

Year-Round Temperature Fish Use Designations

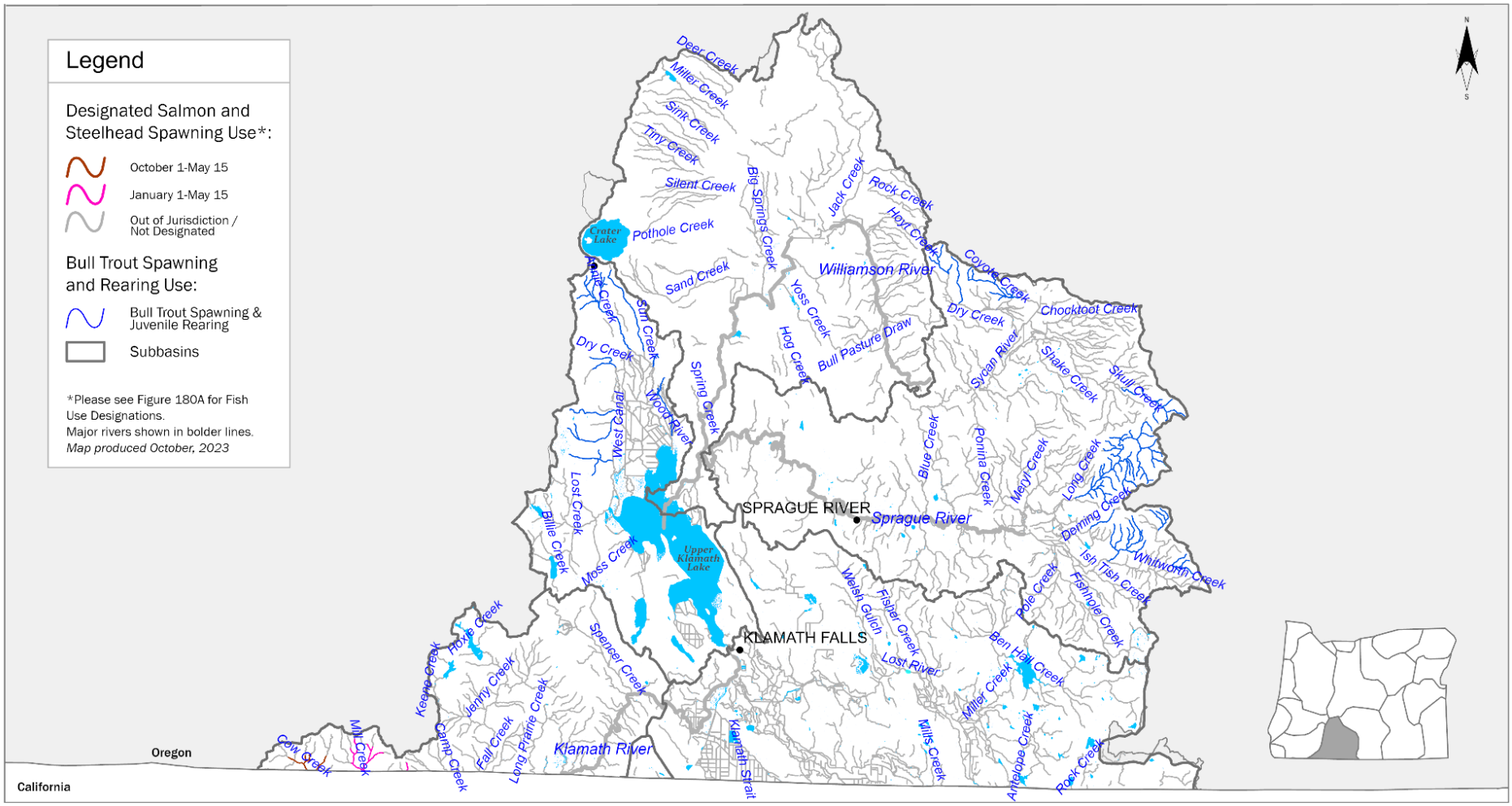
Klamath Basin, Oregon



State of Oregon Department of Environmental Quality

OAR 340-041-0180 – Figure 180B

Seasonal Salmon and Steelhead Spawning Use Designations
Klamath Basin, Oregon

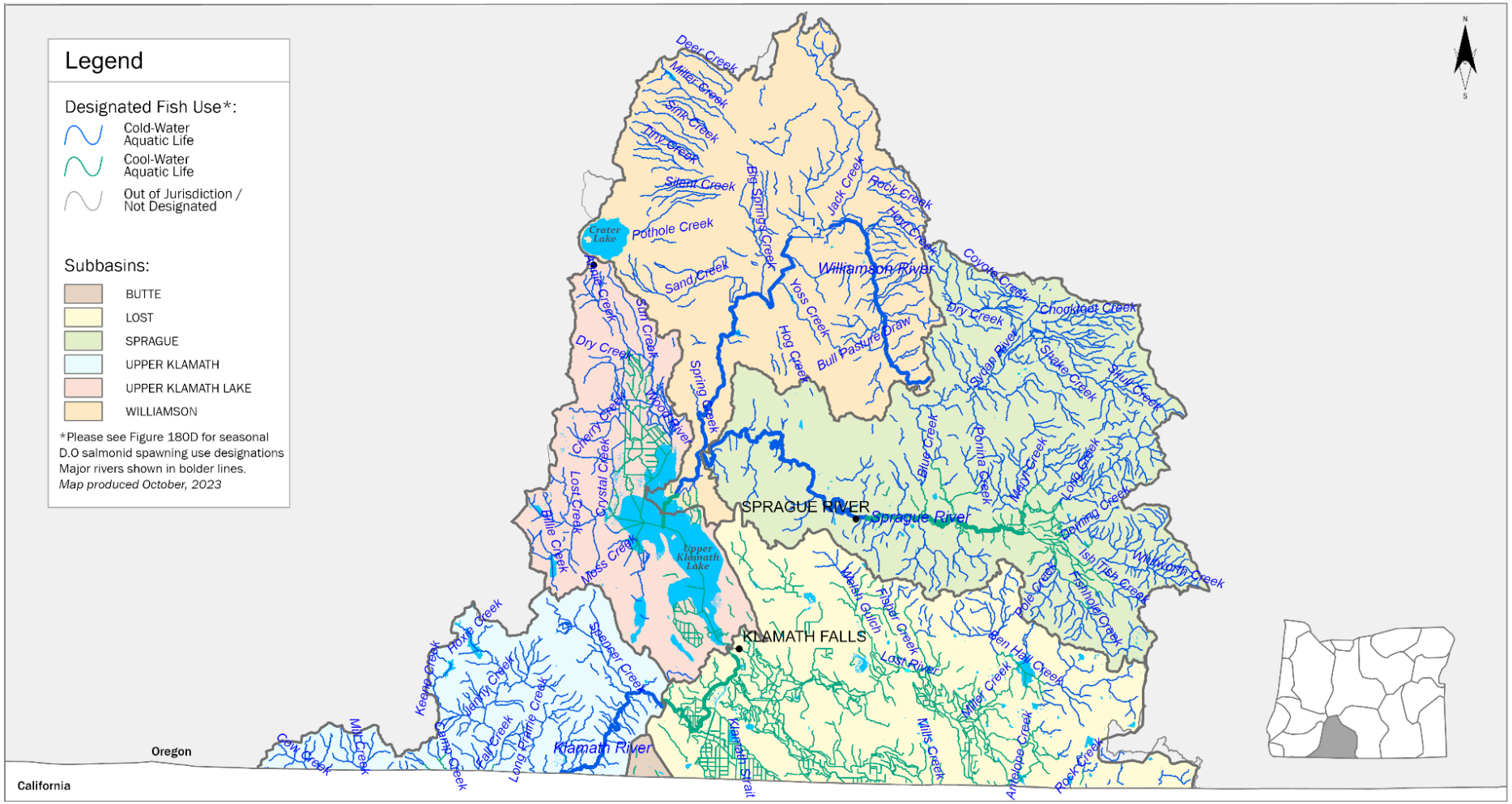


State of Oregon Department of Environmental Quality

OAR 340-041-0180 – Figure 180C

Year-Round Dissolved Oxygen Fish Use Designations

Klamath Basin, Oregon

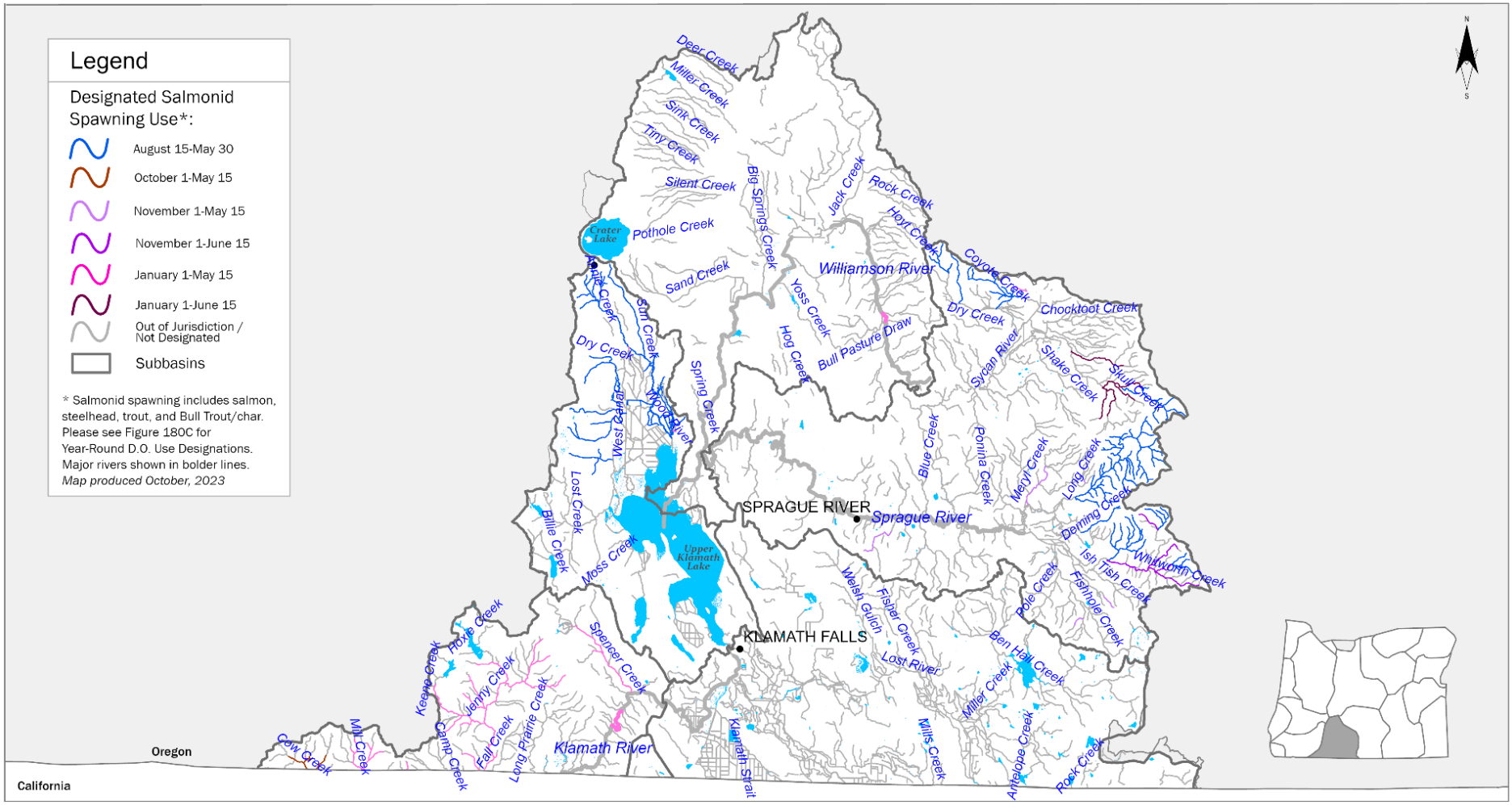


State of Oregon Department of Environmental Quality

OAR 340-041-0180 – Figure 180D

Seasonal Dissolved Oxygen Salmonid Spawning Use Designations

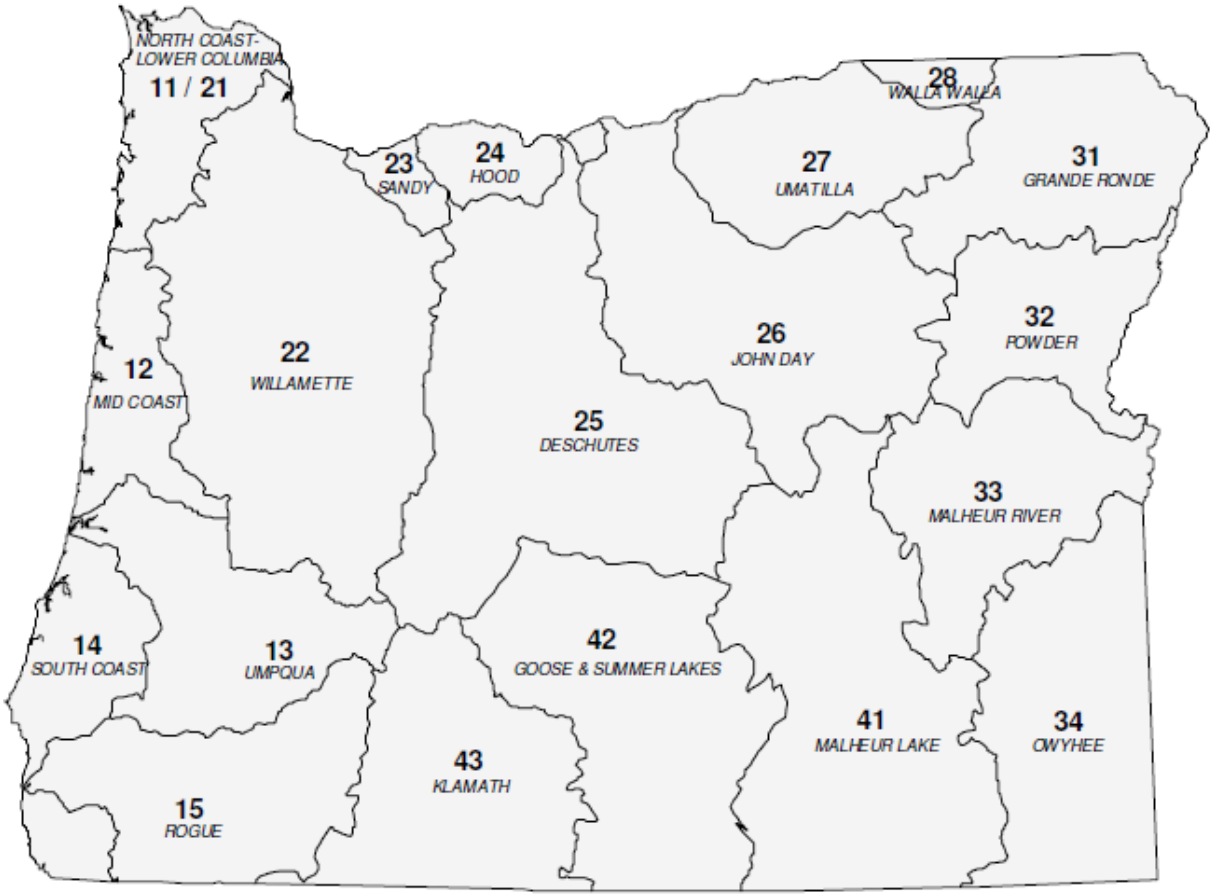
Klamath Basin, Oregon



State of Oregon Department of Environmental Quality

OAR 340-041-0190
Tables and Figures

Figure 1: Oregon Basin Index Map



Basin Name	Basin #	OAR #
DESCHUTES	25	340-041-0130
GOOSE & SUMMER LKS	42	340-041-0140
GRANDE RONDE	31	340-041-0151
HOOD	24	340-041-0160
JOHN DAY	26	340-041-0170
KLAMATH	43	340-041-0180
MALHEUR LAKE	41	340-041-0190
MALHEUR RIVER	33	340-041-0201
MD COAST	12	340-041-0220
NORTH COAST-LWR COL	11-21	340-041-0230
OWYHEE	34	340-041-0250
POWDER	32	340-041-0260
ROGUE	15	340-041-0271
SANDY	23	340-041-0286
SOUTH COAST	14	340-041-0300
UMATILLA	27	340-041-0310
UMPQUA	13	340-041-0320
WALLA WALLA	28	340-041-0330
WILLAMETTE	22	340-041-0340

OAR 340-041-0190
Table 190A
Designated Beneficial Uses
Malheur Lake Basin

Beneficial Uses	Natural Lakes	All Rivers & Tributaries
Public Domestic Water Supply[1]		X
Private Domestic Water Supply[1]		X
Industrial Water Supply		X
Irrigation	X	X
Livestock Watering	X	X
Fish & Aquatic Life[2]	X	X
Wildlife & Hunting	X	X
Fishing	X	X
Boating	X	X
Water Contact Recreation	X	X
Aesthetic Quality	X	X
Hydro Power		
Commercial Navigation & Transportation		

[1] With adequate pretreatment (filtration & disinfection) and natural quality to meet drinking water standards.
[2] See also ~~Table 190B, and~~ Figures 190A, 190B, and 190C for fish use designations for this basin.

NOTE: DEQ proposes to add Figures 190A, 190B, 190C dated October 2023 shown below. The 2003 Figures may be viewed at this link: Oregon Secretary of State Administrative Rules.

OAR 340-041-0190 - Table 190B
Beneficial Use Designations – Fish Uses Malheur Lake Basin, Oregon

Geographic Extent of Use	Redband and Hybrid Trout (20°C)	Lahontan Trout* (20°C)	Borax Lake Chub	Cool Water Species (no salmonid use)
Alvord Lake Subbasin				
Waters associated with Borax Lake and Lower Borax Lake, including lake outflows, Harney County, Oregon.			X	
Willow Creek from headwaters to the Willow Creek Well.		X		
Little Whitehorse Creek from headwaters to confluence with Whitehorse Creek		X		
Whitehorse Creek from headwaters to confluence with East Channel; including upper tributaries Little Whitehorse Creek, Cottonwood Creek and Doolittle Creek		X		
Antelope Creek from headwaters to confluence with unnamed tributary, approximately 4 RM upstream of confluence with Little Antelope Creek		X		
Denio Creek from headwaters to mouth		X		

~~OAR 340-041-0190 - Table 190B~~
~~Beneficial Use Designations – Fish Uses Malheur Lake Basin, Oregon~~

~~Geographic Extent of Use~~	~~Redband and Hybrid Trout (20°C)~~	~~Lahontan Trout* (20°C)~~	~~Borax Lake Chub~~	~~Cool Water Species (no salmonid use)~~
~~Alvord Lake Subbasin~~				
~~Van Horn Creek from headwaters to mouth~~		~~X~~		
~~Group of streams NE of Alvord Desert: Pike Creek, Little Alvord Creek, Big Alvord Creek, Cottonwood, Willow Creek, Mesquito Creek, Bueno Vista Creek, and Little McCoy Creek~~		~~X~~		
~~Mann Creek from headwaters to mouth, House Creek from headwaters to mouth~~	~~X~~			
~~Little Trout Creek and Big Trout Creek from headwaters to confluences with Trout Creek~~	~~X~~			
~~Segment of Trout Creek from confluence with Big Trout Creek to confluence with Stoney Creek~~	~~X~~			
~~Pueblo Slough, from Tum-Tum Lake to Van Horn Creek~~				~~X (Alvord Chub)~~

OAR 340-041-0190 - Table 190B
Beneficial Use Designations – Fish Uses Malheur Lake Basin, Oregon

Geographic Extent of Use	Redband and Hybrid Trout (20°C)	Lahontan Trout* (20°C)	Borax Lake Chub	Cool Water Species (no salmonid use)
Alvord Lake Subbasin				
Segment of Trout Creek from confluence with Stoney Creek to approximately 12 RM upstream of Alvord Lake; Segment of South Fork Trout Creek from confluence with Trout Creek upstream approximately 2 RM; Alvord Lake				X (Alvord Chub)
All other Alvord Lake subbasin waters				X (no fish use)
Upper Quinn Subbasin				
Indian Creek from approximately 1.3 RM below headwaters to approximately .25 RM below confluence with Spring Creek (approximately 5.1 RM total)	X			
Sage Creek from headwaters to mouth		X		

OAR 340-041-0190 - Table 190B
Beneficial Use Designations – Fish Uses Malheur Lake Basin, Oregon

Geographic Extent of Use	Redband and Hybrid Trout (20°C)	Lahontan Trout* (20°C)	Borax Lake Chub	Cool Water Species (no salmonid use)
Upper Quinn Subbasin				
Line Canyon Creek from headwaters to mouth		X		
All other Upper Quinn subbasin waters				X
All Other				
All other Malheur Lake Basin Waters (includes the Silver, Silvies, Harney-Malheur, Donner and Blitzen, Guano, and Thousand-Virgin subbasins)	X			

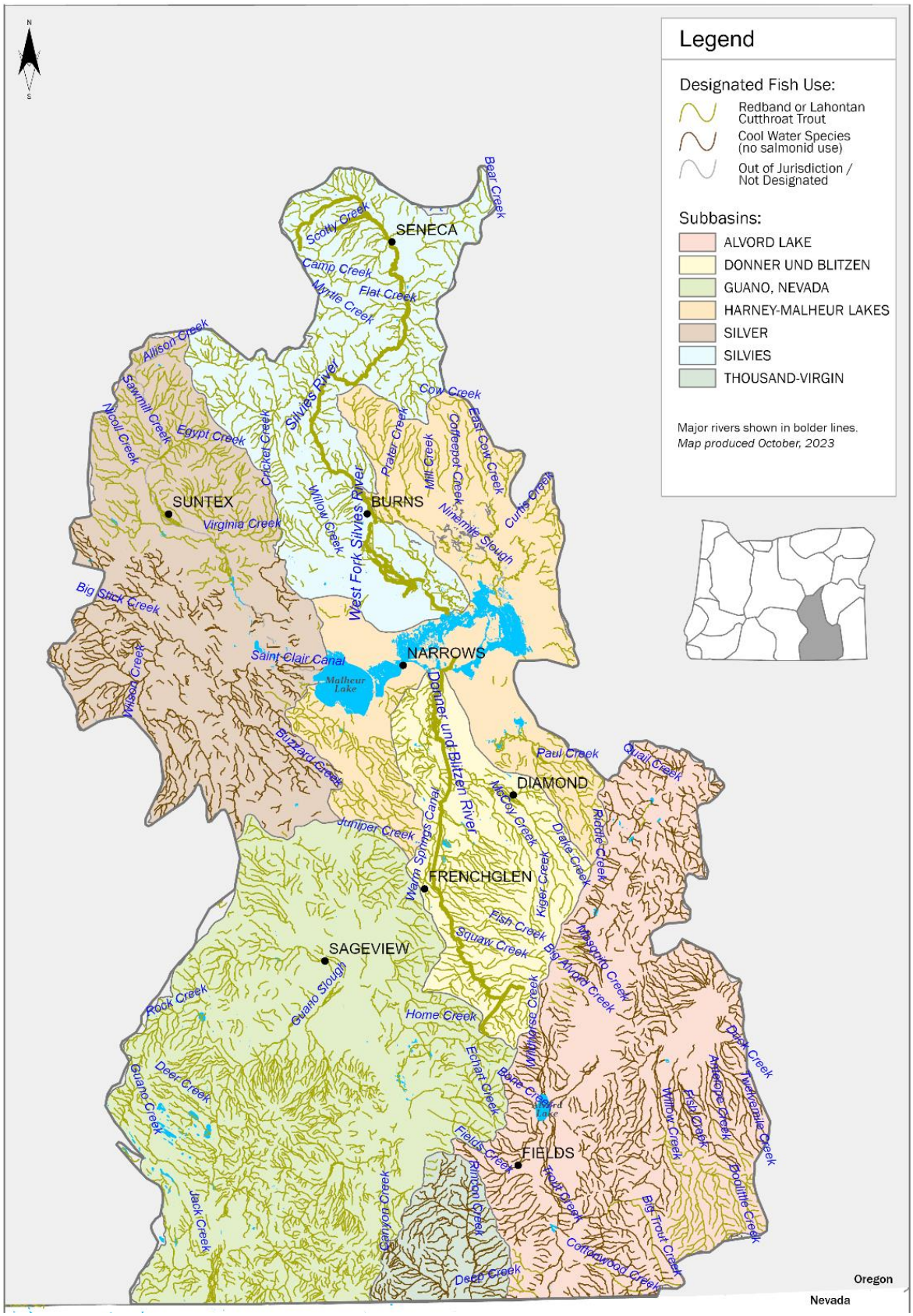
*Spawning in these reaches occurs April 1-July 15.

State of Oregon Department of Environmental Quality

OAR 340-041-0190 – Figure 190A

Year-Round Temperature Fish Use Designations

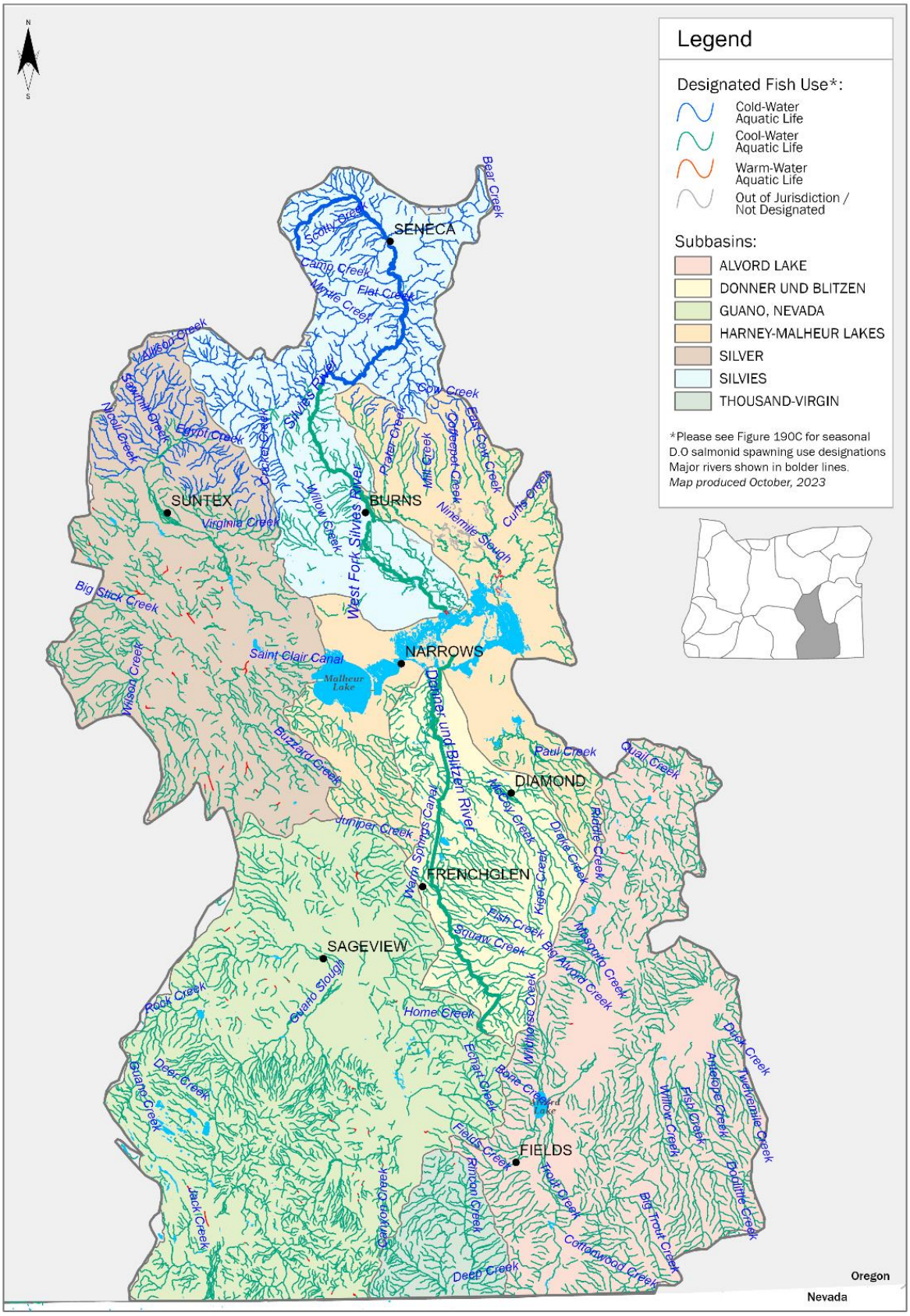
Malheur Lake Basin, Oregon



State of Oregon Department of Environmental Quality

OAR 340-041-0190 – Figure 190B

Year-Round Dissolved Oxygen Fish Use Designations
Malheur Lake Basin, Oregon

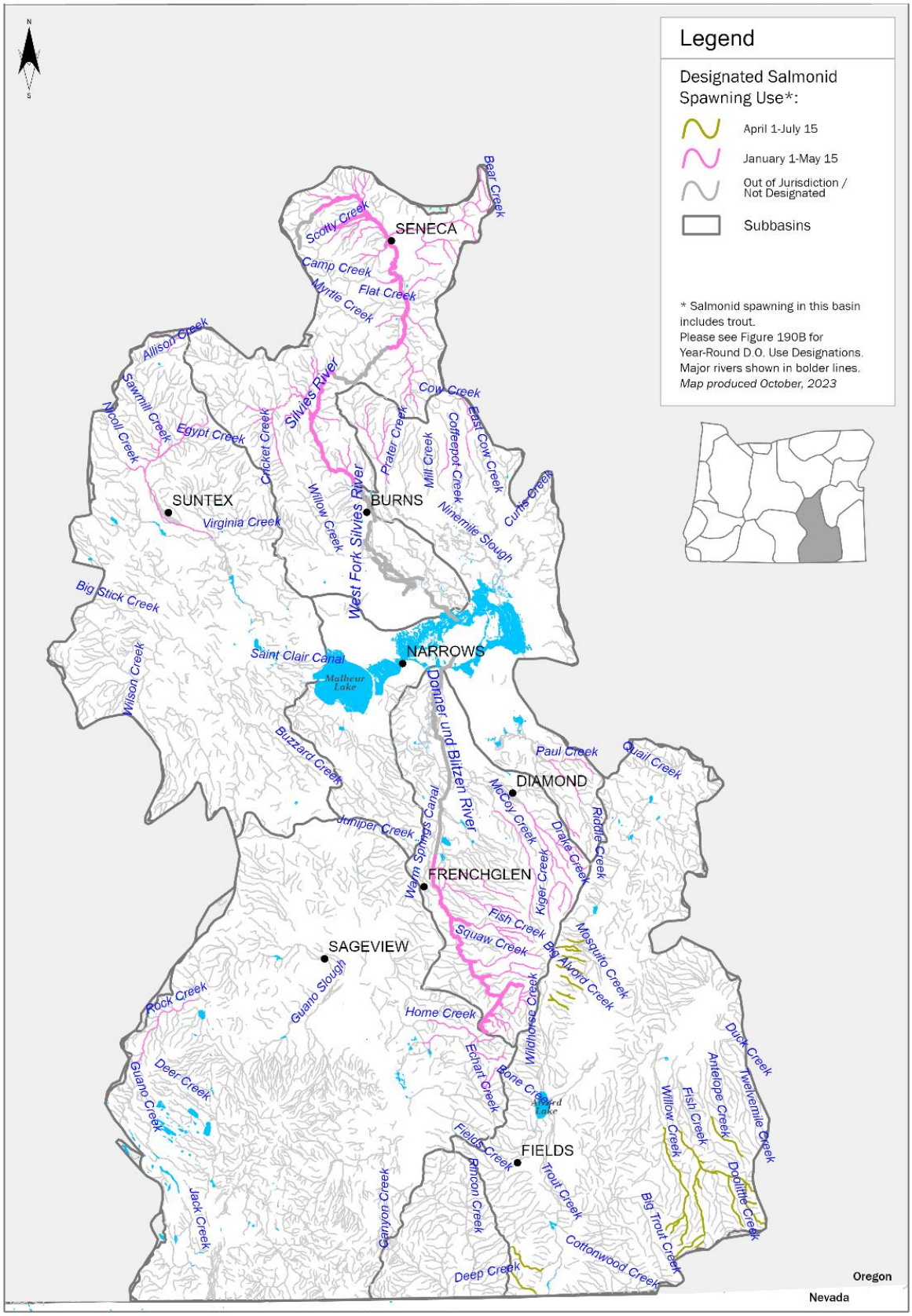


State of Oregon Department of Environmental Quality

OAR 340-041-0190 – Figure 190C

Seasonal Dissolved Oxygen Salmonid Spawning Use Designations

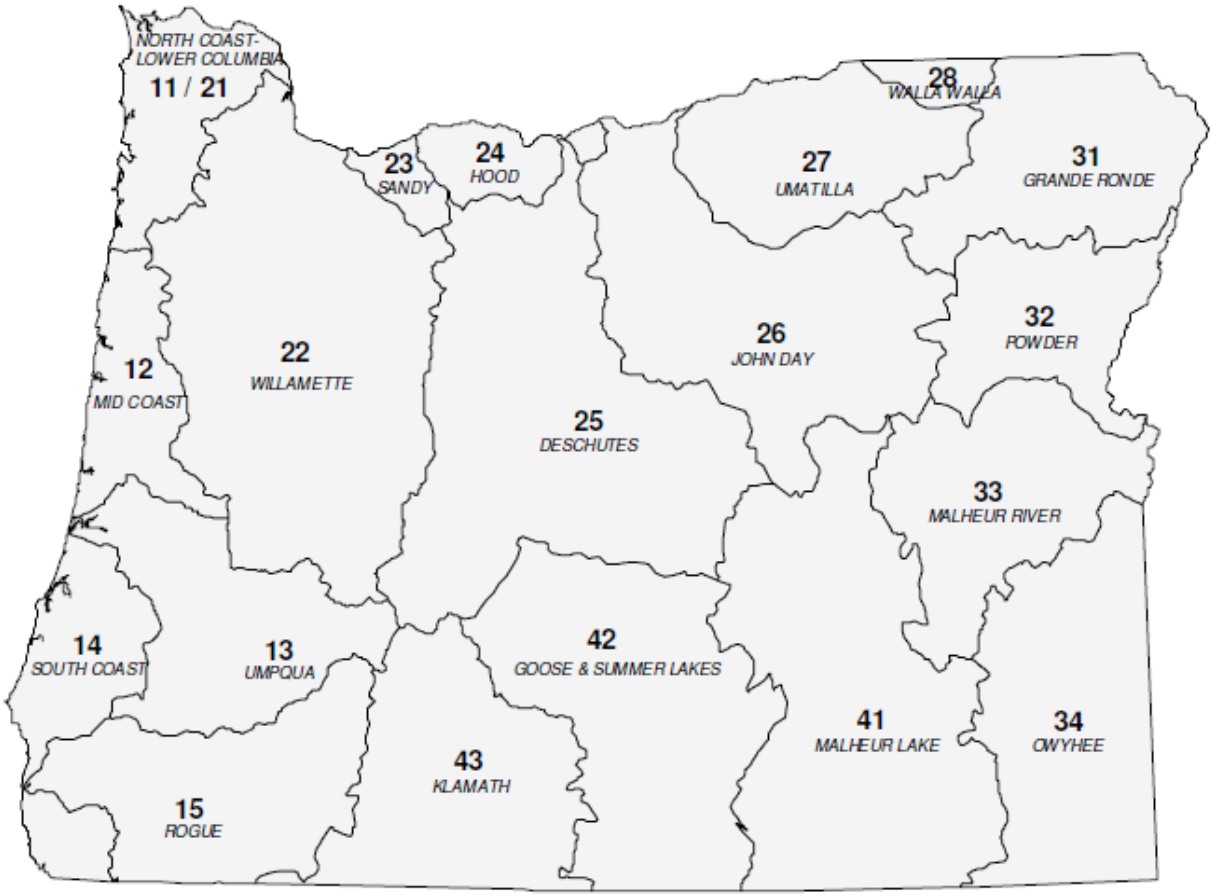
Malheur Lake Basin, Oregon



State of Oregon Department of Environmental Quality

OAR 340-041-0201
Tables and Figures

Figure 1: Oregon Basin Index Map



Basin Name	Basin #	OAR #
DESCHUTES	25	340-041-0130
GOOSE & SUMMER LKS	42	340-041-0140
GRANDE RONDE	31	340-041-0151
HOOD	24	340-041-0160
JOHN DAY	26	340-041-0170
KLAMATH	43	340-041-0180
MALHEUR LAKE	41	340-041-0190
MALHEUR RIVER	33	340-041-0201
MD COAST	12	340-041-0220
NORTH COAST-LWR COL	11-21	340-041-0230
OWYHEE	34	340-041-0250
POWDER	32	340-041-0260
ROGUE	15	340-041-0271
SANDY	23	340-041-0286
SOUTH COAST	14	340-041-0300
UMATILLA	27	340-041-0310
UMPQUA	13	340-041-0320
WALLA WALLA	28	340-041-0330
WILLAMETTE	22	340-041-0340

OAR 340-041-0201
Table 201A
Designated Beneficial Uses
Malheur River Basin

Beneficial Uses	Malheur River (Namorf to Mouth) Willow Creek (Brogan to Mouth) Bully Creek (Reservoir to Mouth)	Willow Creek (Malheur Reservoir to Brogan) Malheur River (Beulah Dam & Warm Springs Dams to Namorf)	RESERVOIRS Malheur Bully Creek Beulah Warm Springs	Malheur River & Tributaries Upstream from Reservoirs
Public Domestic Water Supply[1]	X	X	X	X
Private Domestic Water Supply[1]	X	X	X	X
Industrial Water Supply	X	X	X	X
Irrigation	X	X	X	X
Livestock Watering	X	X	X	X
Fish & Aquatic Life[2]	X	X	X	X
Wildlife & Hunting	X	X	X	X
Fishing	X	X	X	X
Boating	X	X	X	X
Water Contact Recreation	X	X	X	X
Aesthetic Quality	X	X	X	X
Hydro Power				
Commercial Navigation & Transportation				

[1] With adequate pretreatment (filtration & disinfection) and natural quality to meet drinking water standards.
[2] See also Figures 201A, 201B, 201C and 201D for fish use designations for this basin.

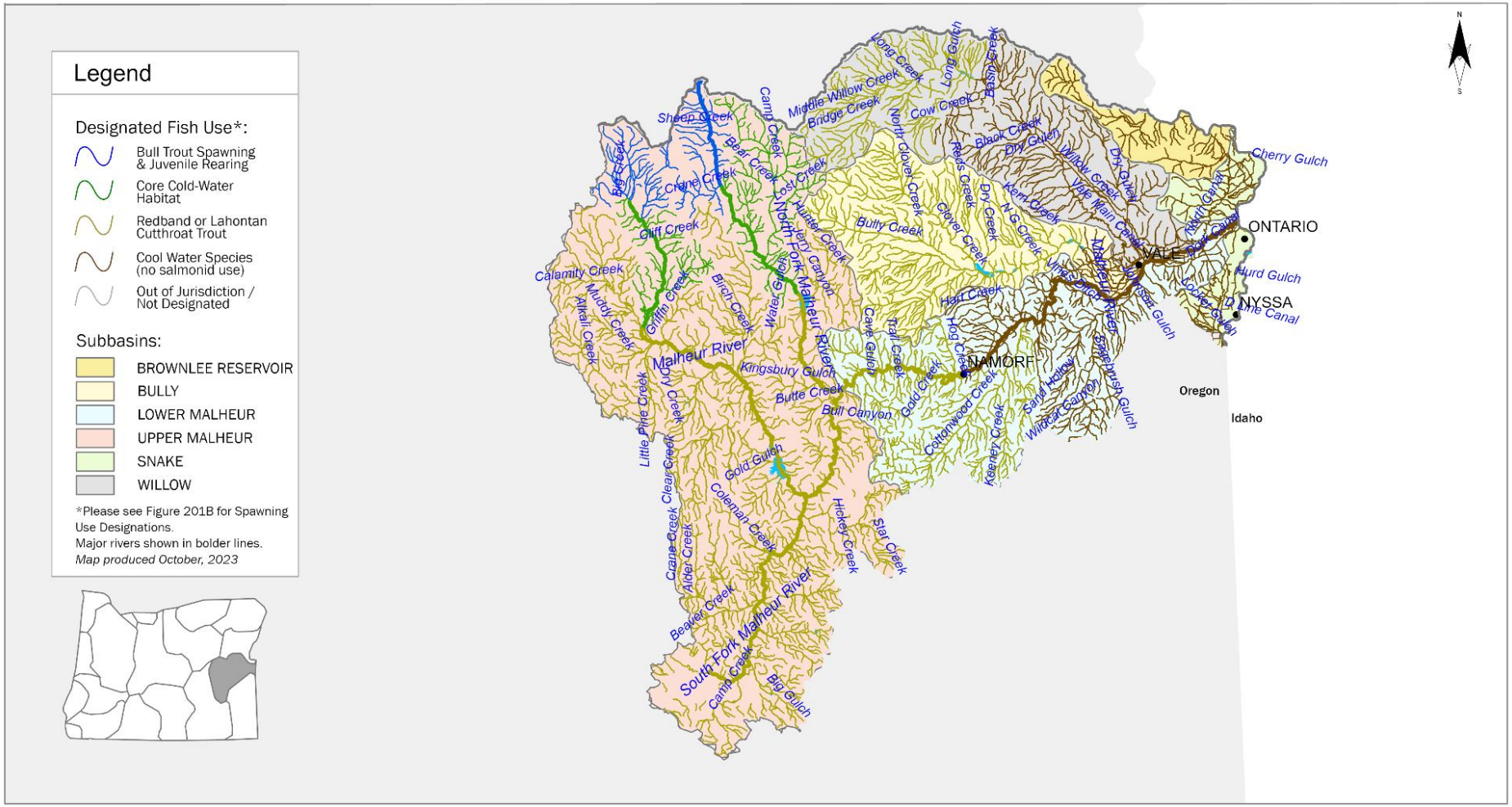
NOTE: DEQ proposes to replace Figure 201A dated November 2003 with Figure 201A dated October 2023 shown below. Figures 201B, 201C, and 201D dated October 2023 are proposed to be added. The 2003 Figures may be viewed at this link: Oregon Secretary of State Administrative Rules.

State of Oregon Department of Environmental Quality

OAR 340-041-0201 – Figure 201A

Year-Round Temperature Fish Use Designations

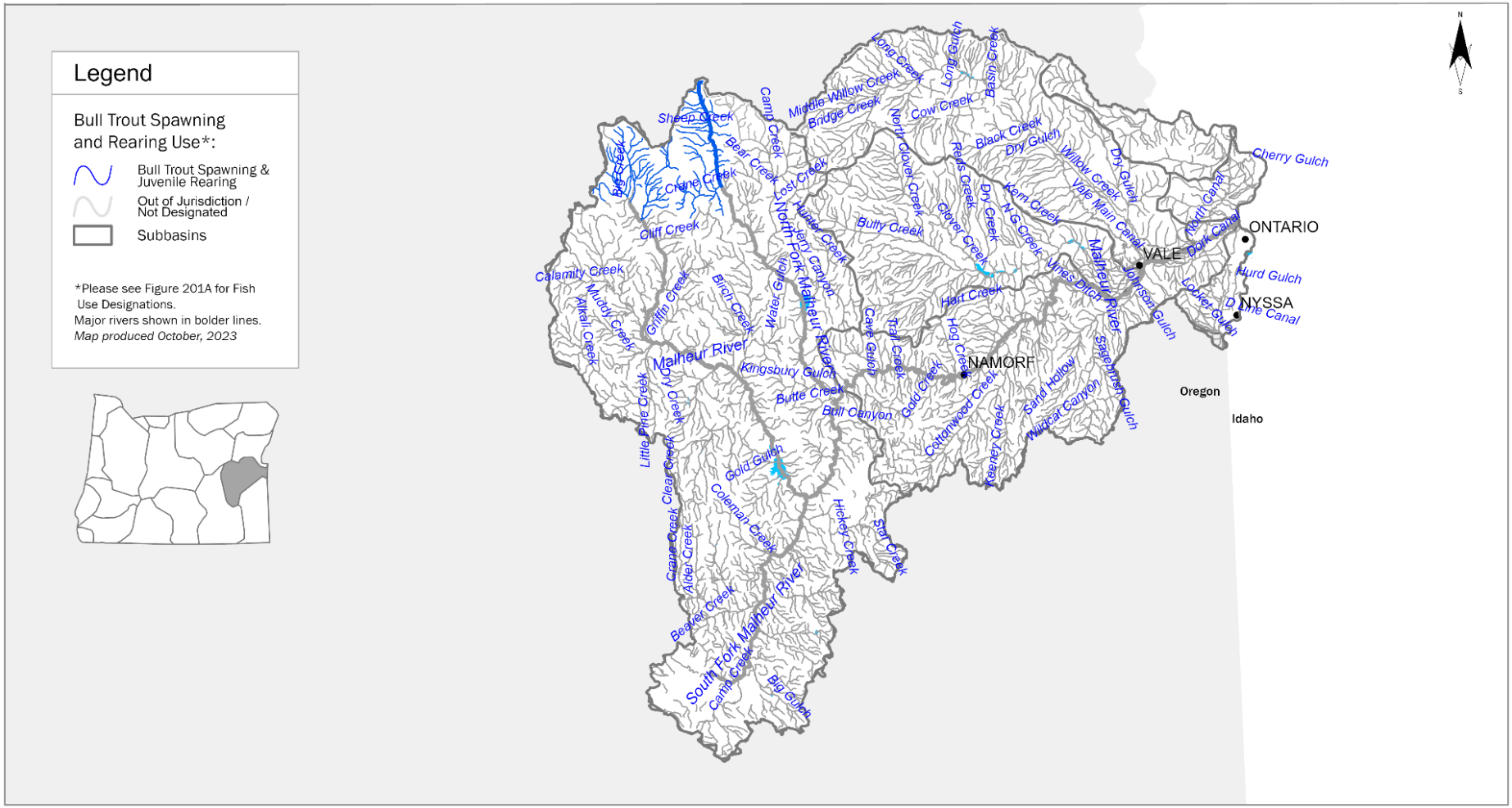
Malheur River Basin, Oregon



State of Oregon Department of Environmental Quality

OAR 340-041-0201 – Figure 201B

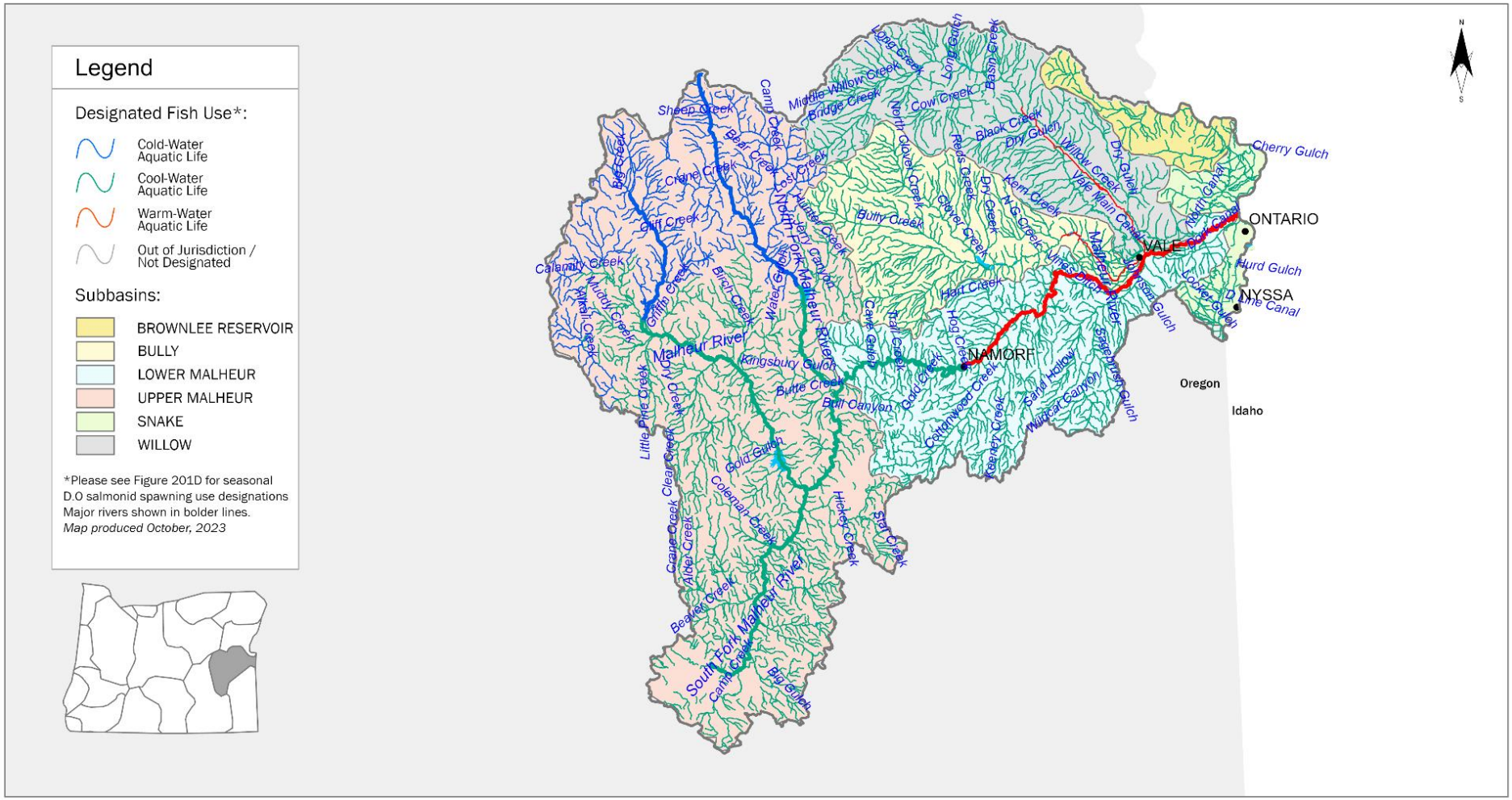
Seasonal Salmon and Steelhead Spawning Use Designations
Malheur River Basin, Oregon



State of Oregon Department of Environmental Quality

OAR 340-041-0201 – Figure 201C

Year-Round Dissolved Oxygen Fish Use Designations
Malheur River Basin, Oregon

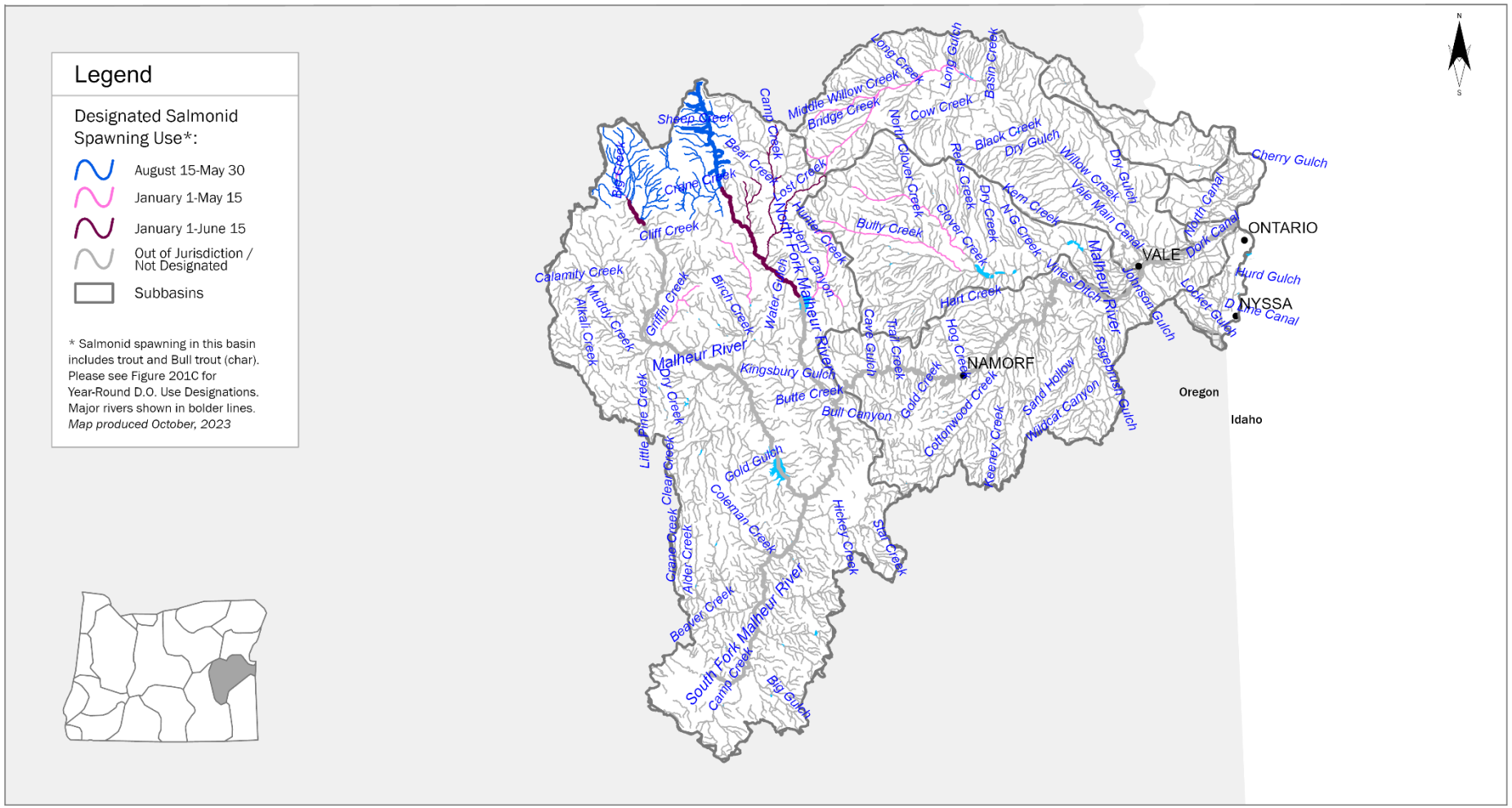


State of Oregon Department of Environmental Quality

OAR 340-041-0201 – Figure 201D

Seasonal Dissolved Oxygen Salmonid Spawning Use Designations

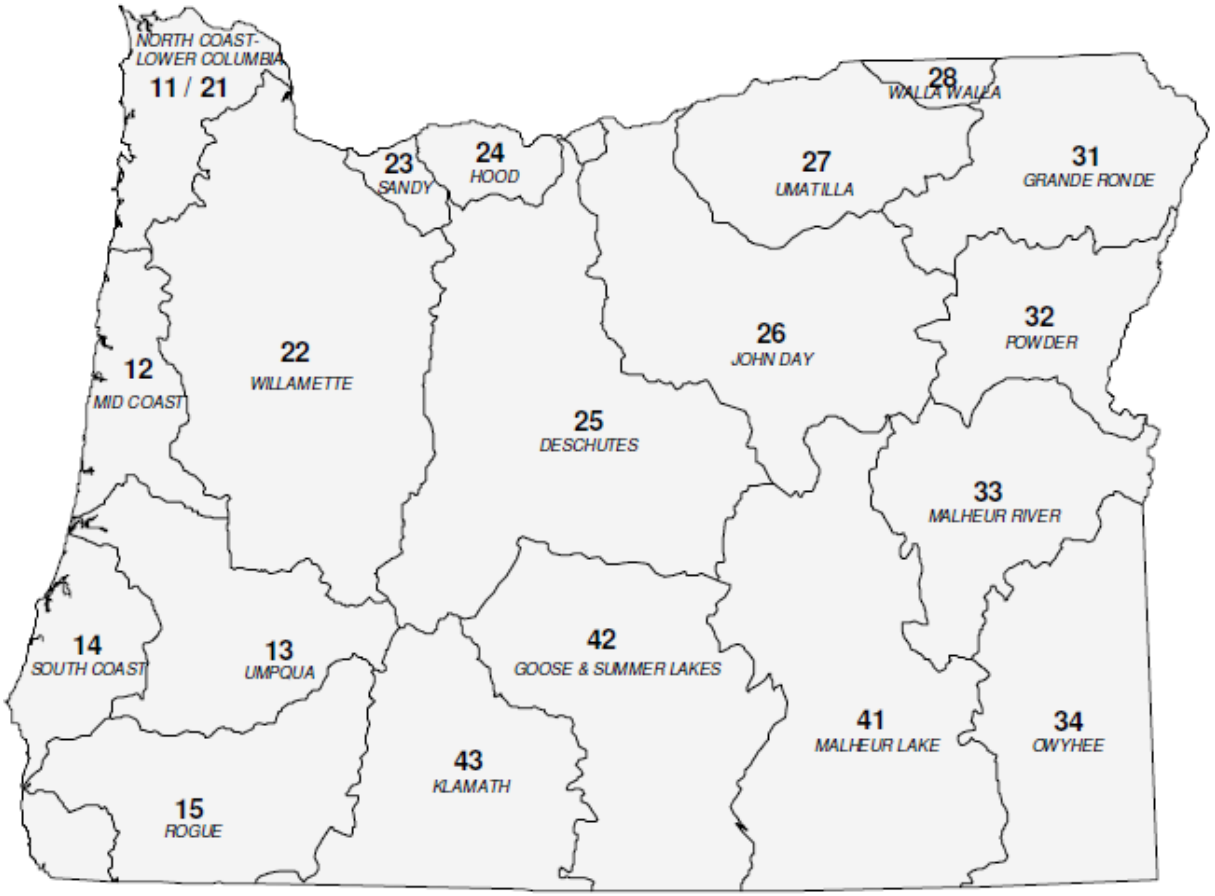
Malheur River Basin, Oregon



State of Oregon Department of Environmental Quality

OAR 340-041-0220
Tables and Figures

Figure 1: Oregon Basin Index Map



Basin Name	Basin #	OAR #
DESCHUTES	25	340-041-0130
GOOSE & SUMMER LKS	42	340-041-0140
GRANDE RONDE	31	340-041-0151
HOOD	24	340-041-0160
JOHN DAY	26	340-041-0170
KLAMATH	43	340-041-0180
MALHEUR LAKE	41	340-041-0190
MALHEUR RIVER	33	340-041-0201
MD COAST	12	340-041-0220
NORTH COAST-LWR COL	11-21	340-041-0230
OWYHEE	34	340-041-0250
POWDER	32	340-041-0260
ROGUE	15	340-041-0271
SANDY	23	340-041-0286
SOUTH COAST	14	340-041-0300
UMATILLA	27	340-041-0310
UMPQUA	13	340-041-0320
WALLA WALLA	28	340-041-0330
WILLAMETTE	22	340-041-0340

OAR 340-041-0220
Table 220A
Designated Beneficial Uses - Mid Coast Basin

Beneficial Uses	Estuaries & Adjacent Marine Waters	All Steams & Tributaries Thereto
Public Domestic Water Supply[1]		X
Private Domestic Water Supply[1]		X
Industrial Water Supply	X	X
Irrigation		X
Livestock Watering		X
Fish & Aquatic Life[2]	X	X
Wildlife & Hunting	X	X
Fishing[3]	X	X
Boating	X	X
Water Contact Recreation[3]	X	X
Aesthetic Quality	X	X
Hydro Power		X
Commercial Navigation & Transportation	X	

[1] With adequate pretreatment (filtration & disinfection) and natural quality to meet drinking water standards.

[2] See also Figures 230A, ~~and~~ 230B, 230I and 230J for fish use designations for this basin.

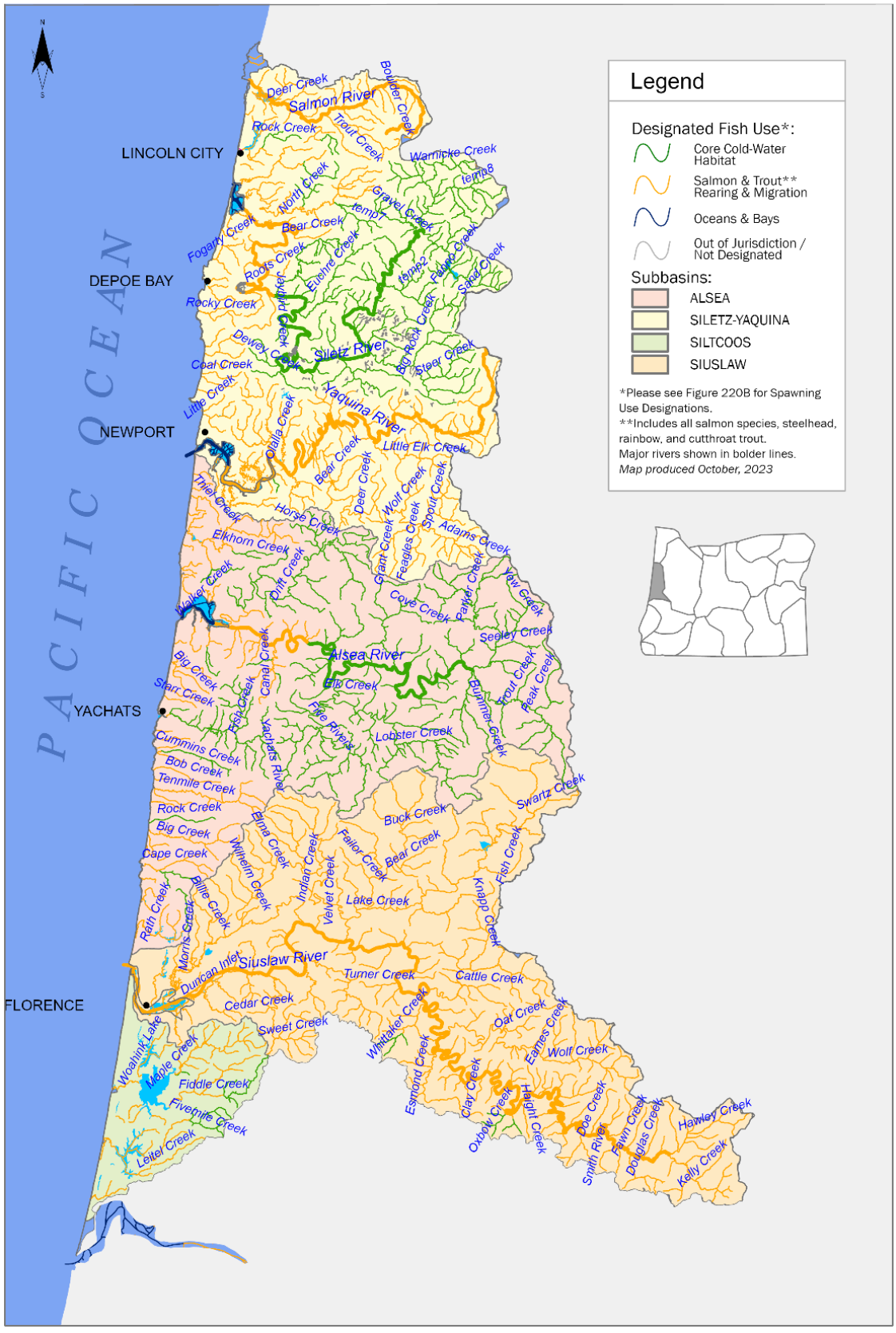
[3] For coastal water contact recreation and shellfish harvesting uses, see also Figures 220C (Salmon River Estuary), 220D (Siletz Bay), 220E (Yaquina Bay), 220F (Alsea River Estuary), 220G (Yachats River Estuary), and 220H (Siuslaw River Estuary)

NOTE: DEQ proposes to replace Figures 220A and 220B dated November 2003 with the Figures 220A and 220B dated October 2023 shown below. Figures 220I and 220J dated October 2023 are proposed to be added. The 2003 Figures may be viewed at this link: Oregon Secretary of State Administrative Rules.

State of Oregon Department of Environmental Quality

OAR 340-041-0220 – Figure 220A

Year-Round Temperature Fish Use Designations
Mid Coast Basin, Oregon

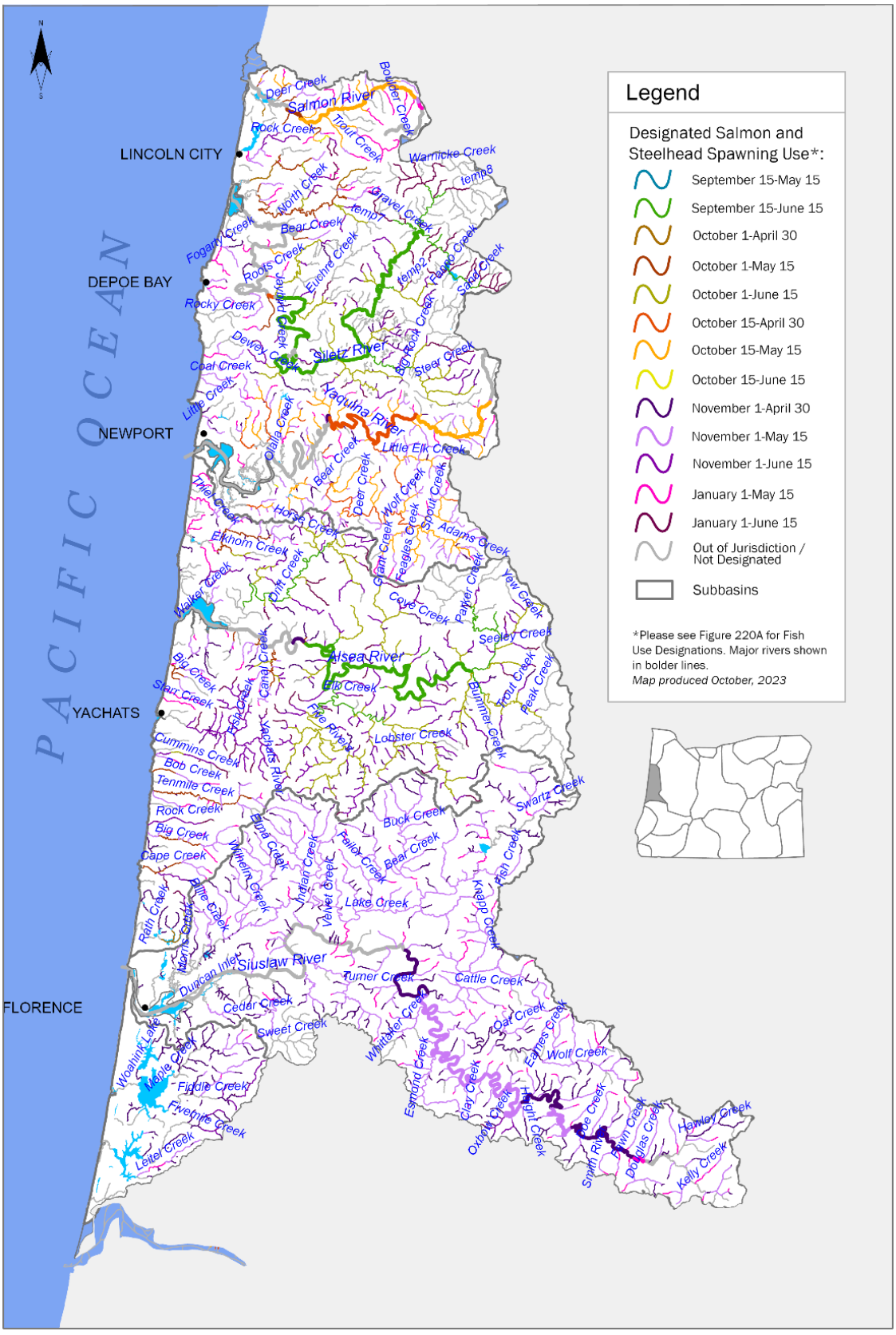


State of Oregon Department of Environmental Quality

OAR 340-041-0220 – Figure 220B

Seasonal Salmon and Steelhead Spawning Use Designations

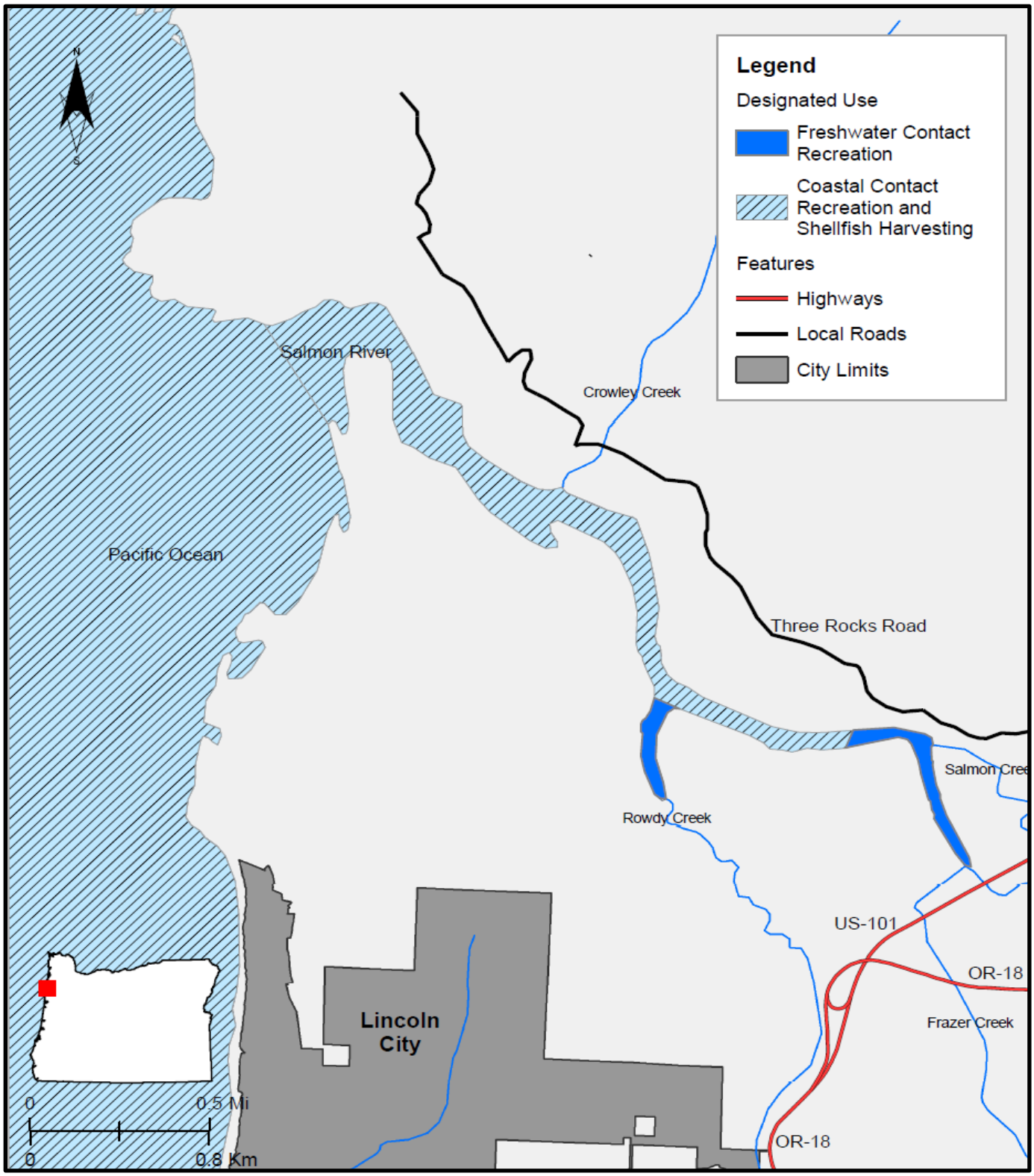
Mid Coast Basin, Oregon



State of Oregon Department of Environmental Quality

OAR 340-041-0220 – Figure 220C

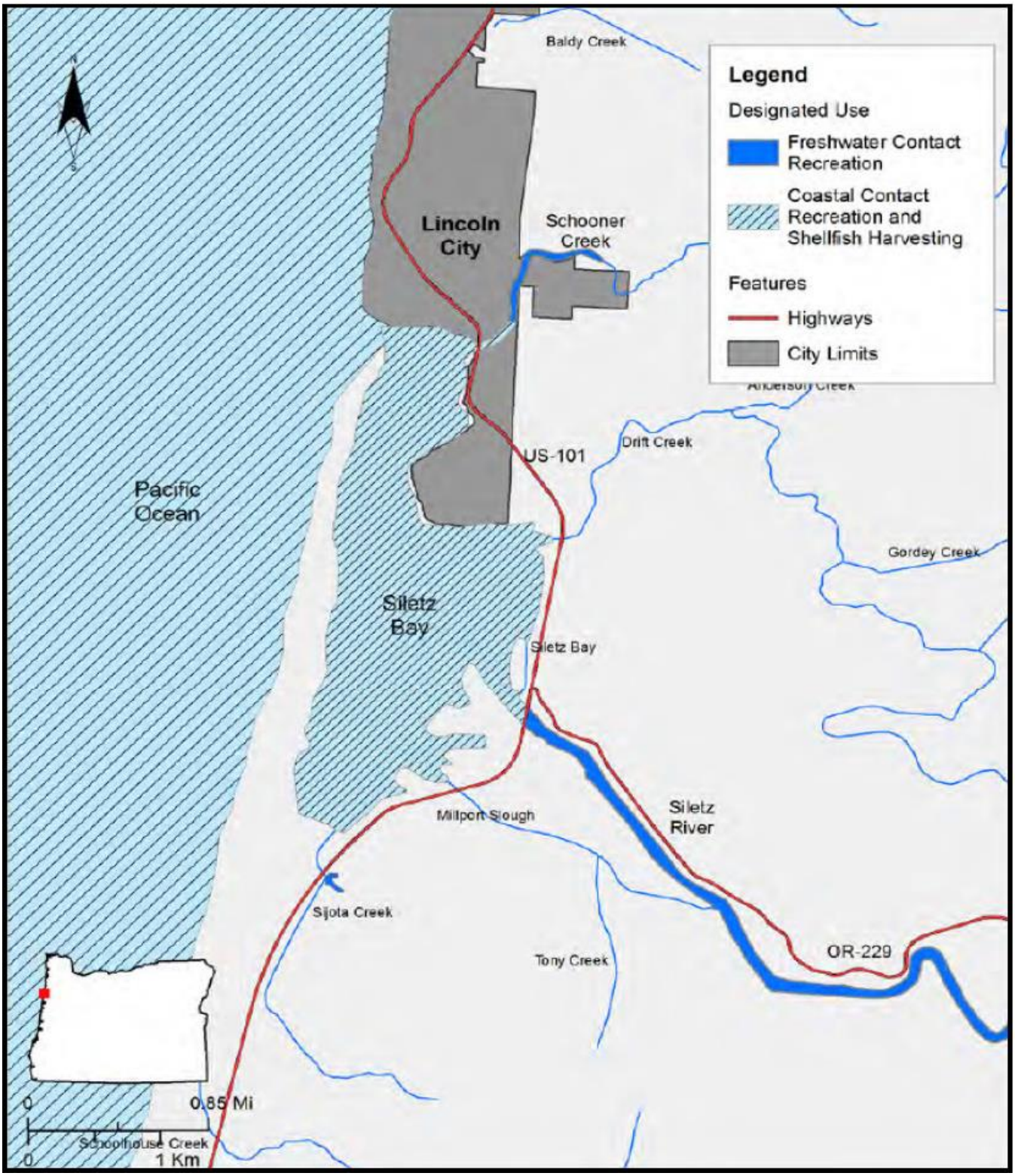
Water Contact Recreation and Shellfish Harvesting Designated Uses
Mid Coast Basin, Oregon



State of Oregon Department of Environmental Quality

OAR 340-041-0220 – Figure 220D

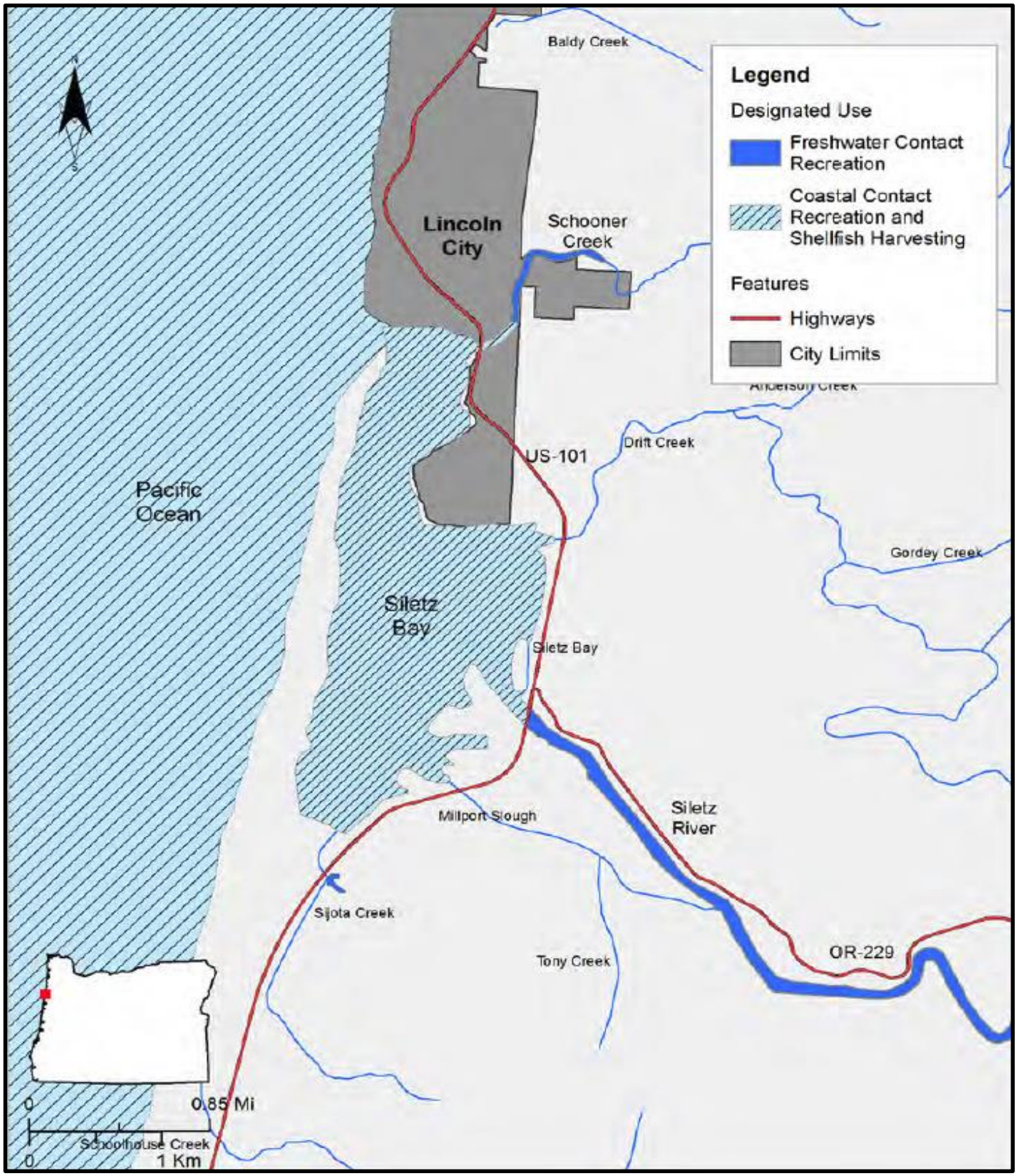
Water Contact Recreation and Shellfish Harvesting Designated Uses
Siletz River, Mid Coast Basin, Oregon



State of Oregon Department of Environmental Quality

OAR 340-041-0220 – Figure 220E

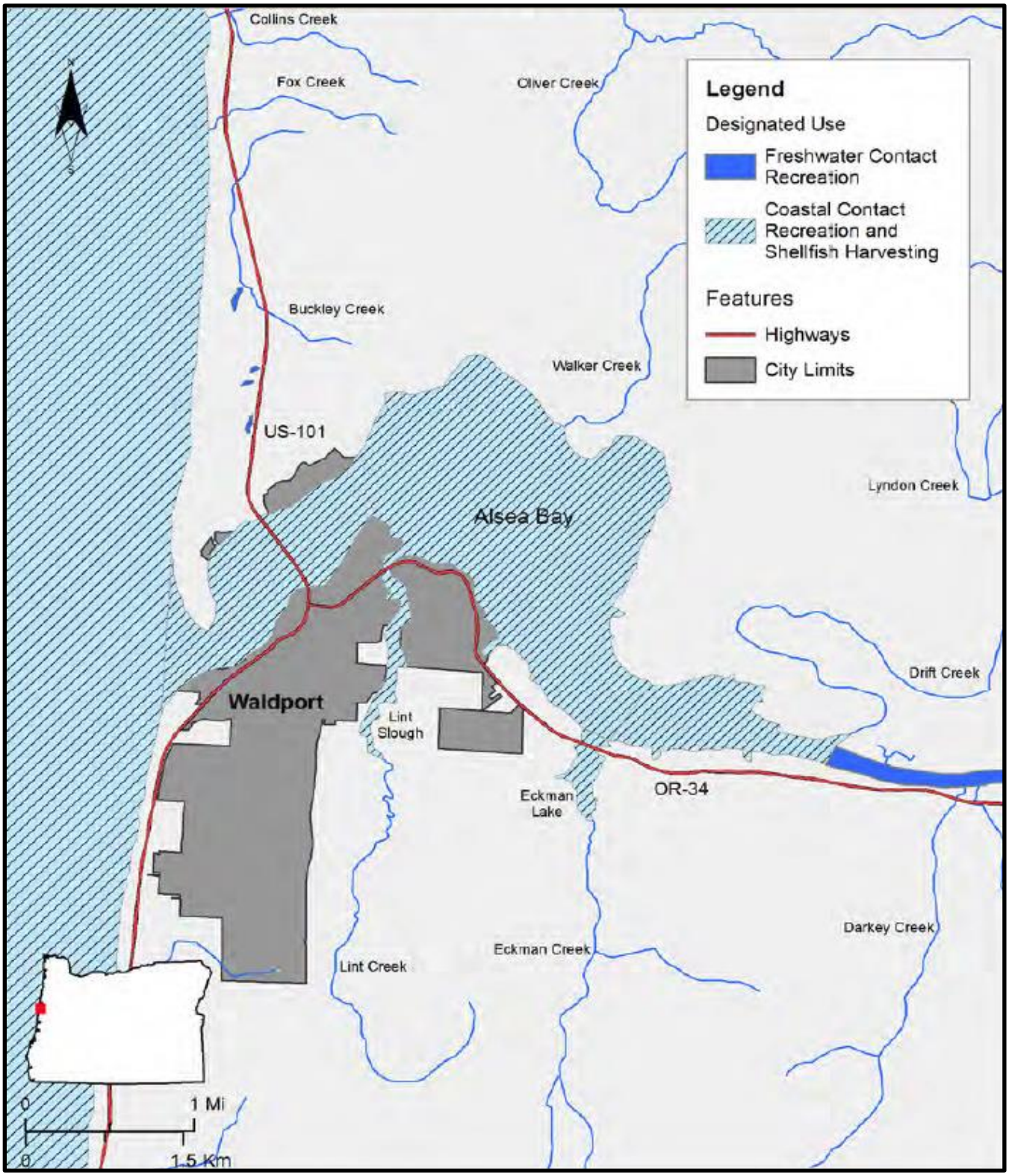
Water Contact Recreation and Shellfish Harvesting Designated Uses
Yaquina Bay, Mid Coast Basin, Oregon



State of Oregon Department of Environmental Quality

OAR 340-041-0220 – Figure 220F

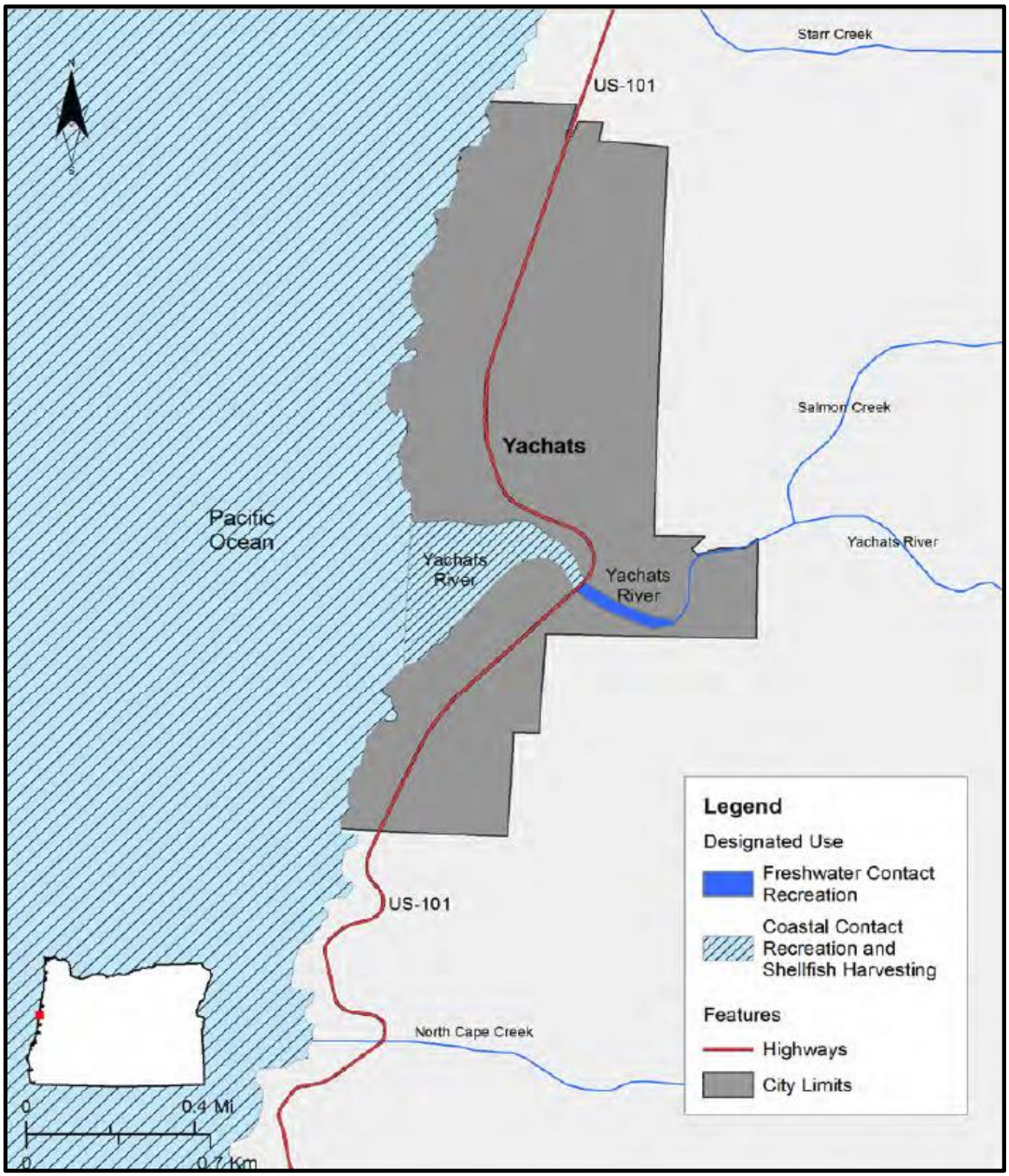
Water Contact Recreation and Shellfish Harvesting Designated Uses
Alsea River, Mid Coast Basin, Oregon



State of Oregon Department of Environmental Quality

OAR 340-041-0220 – Figure 220G

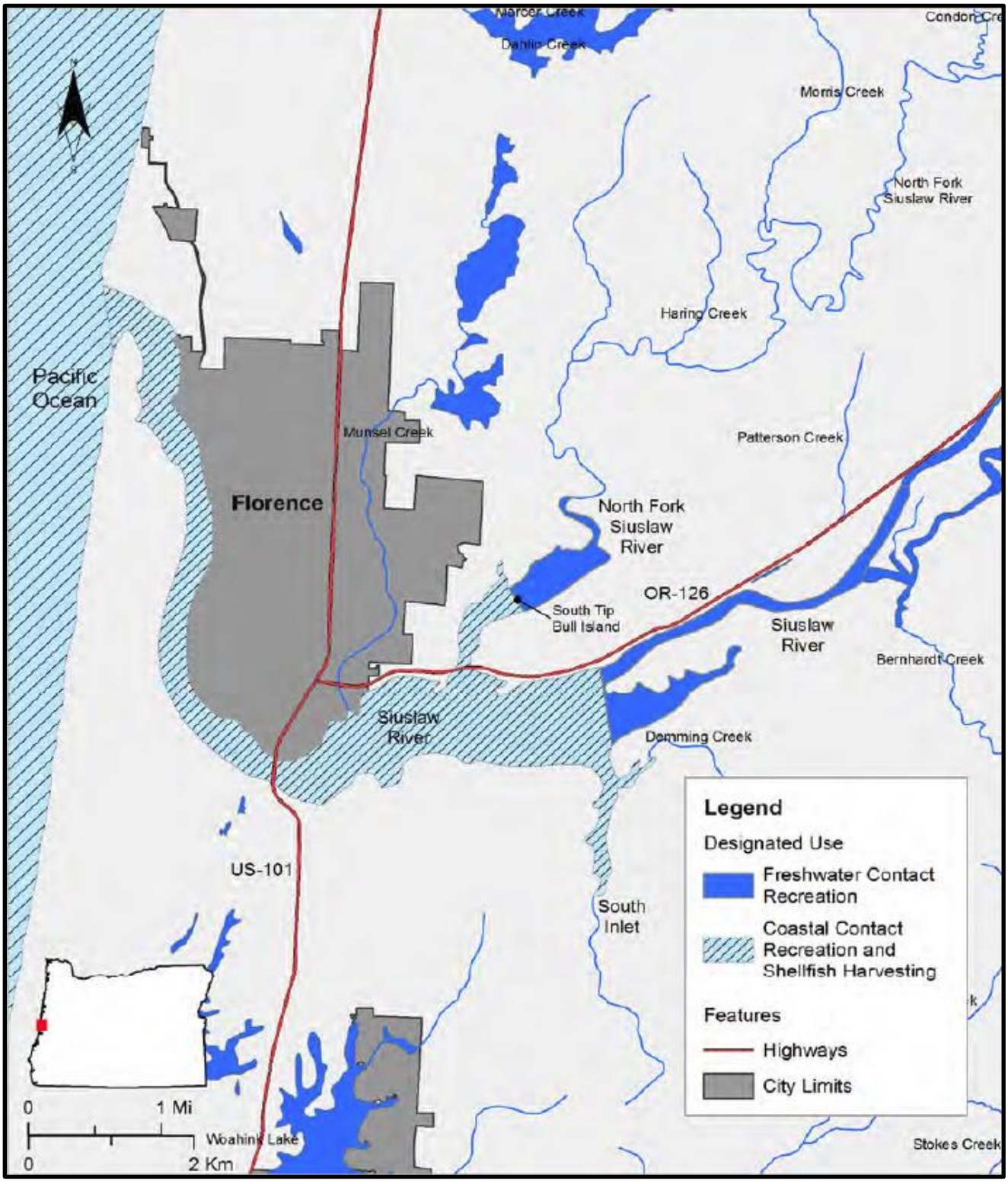
Water Contact Recreation and Shellfish Harvesting Designated Uses
Yachats River, Mid Coast Basin, Oregon



State of Oregon Department of Environmental Quality

OAR 340-041-0220 – Figure 220H

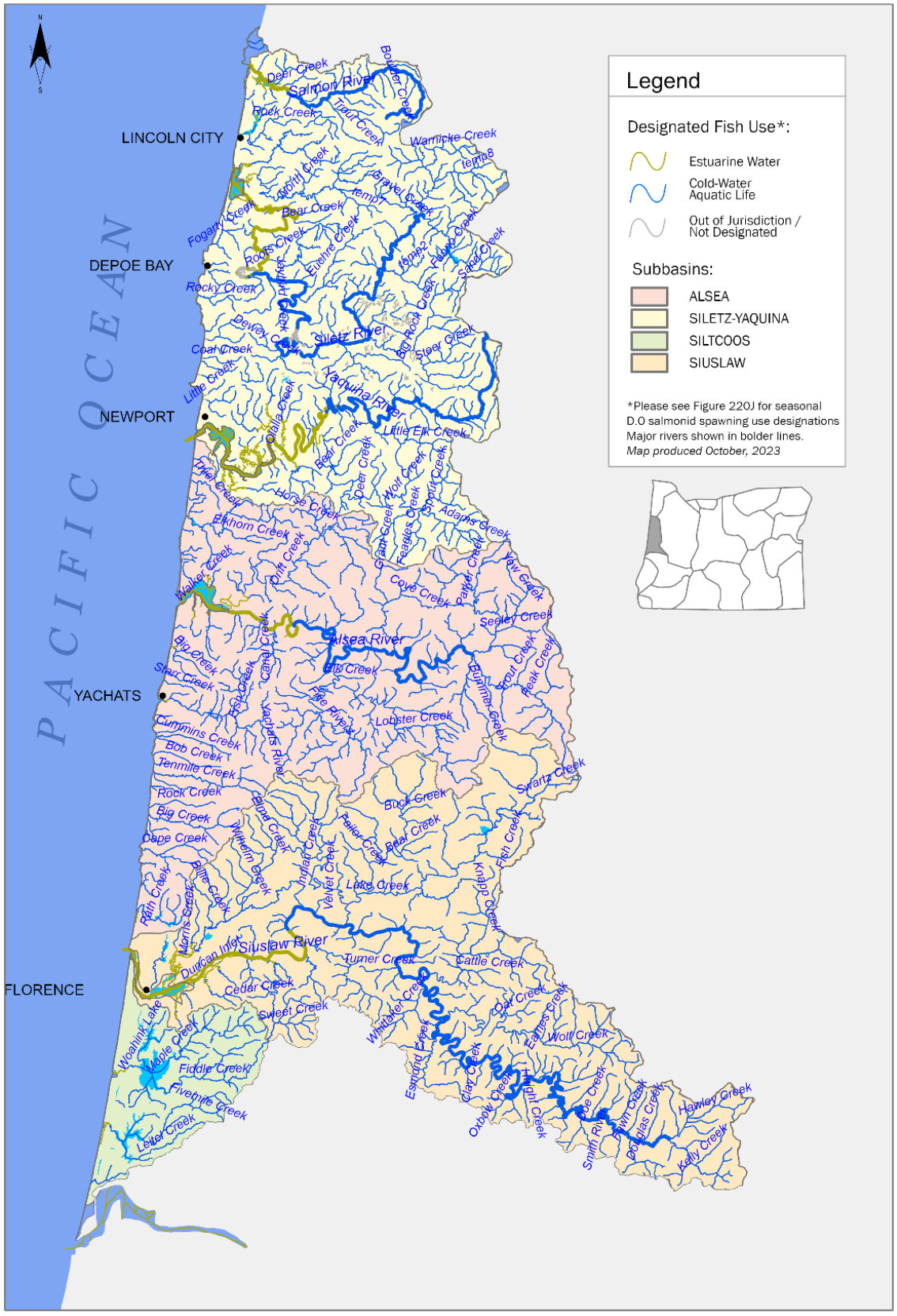
Water Contact Recreation and Shellfish Harvesting Designated Uses
Siuslaw River, Mid Coast Basin, Oregon



State of Oregon Department of Environmental Quality

OAR 340-041-0220 – Figure 220I

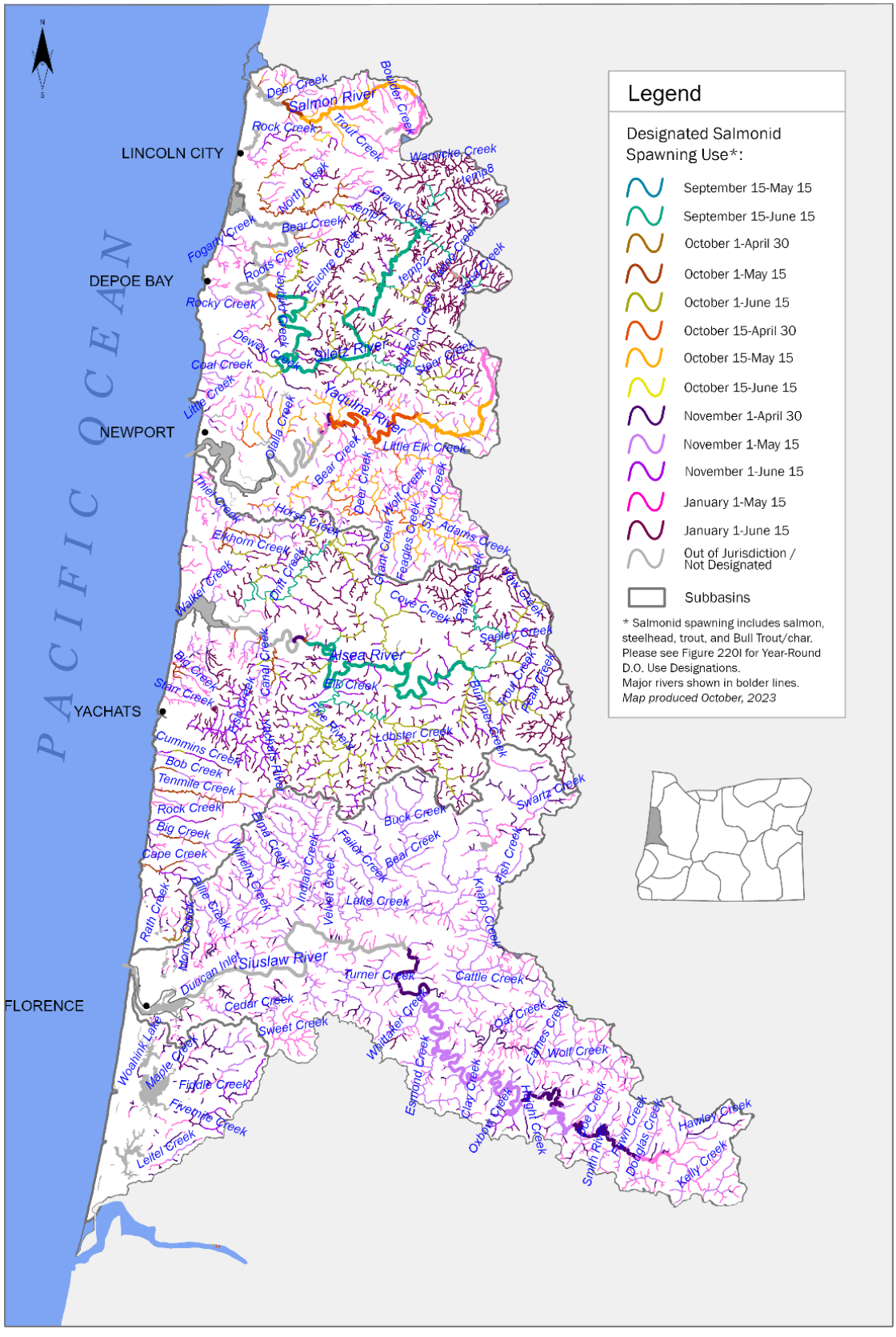
Year-Round Dissolved Oxygen Fish Use Designations
Mid Coast Basin, Oregon



State of Oregon Department of Environmental Quality

OAR 340-041-0220 – Figure 220J

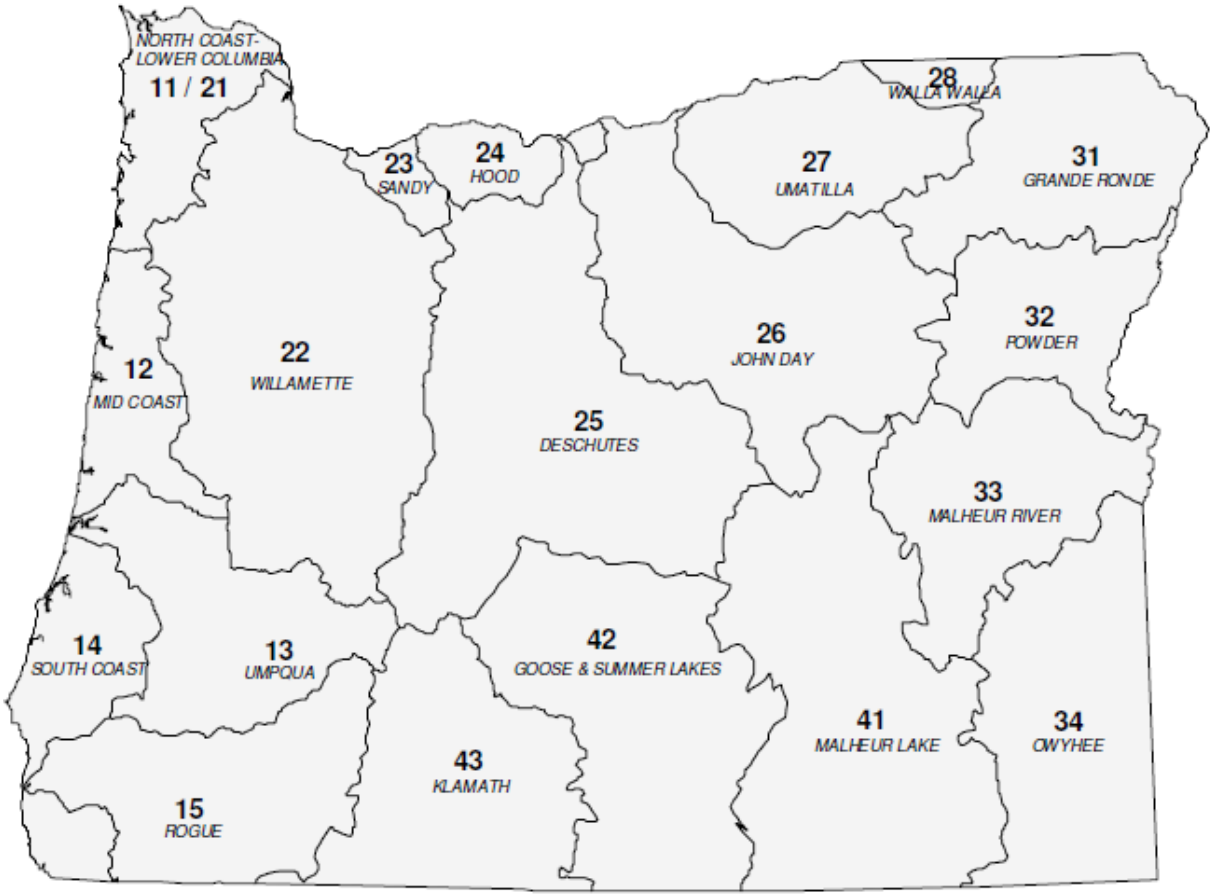
Seasonal Dissolved Oxygen Salmonid Spawning Use Designations
Mid Coast Basin, Oregon



State of Oregon Department of Environmental Quality

OAR 340-041-0230
Tables and Figures

Figure 1: Oregon Basin Index Map



Basin Name	Basin #	OAR #
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GRANDE RONDE	31	340-041-0151
HOOD	24	340-041-0160
JOHN DAY	26	340-041-0170
KLAMATH	43	340-041-0180
MALHEUR LAKE	41	340-041-0190
MALHEUR RIVER	33	340-041-0201
MD COAST	12	340-041-0220
NORTH COAST-LWR COL	11-21	340-041-0230
OWYHEE	34	340-041-0250
POWDER	32	340-041-0260
ROGUE	15	340-041-0271
SANDY	23	340-041-0286
SOUTH COAST	14	340-041-0300
UMATILLA	27	340-041-0310
UMPQUA	13	340-041-0320
WALLA WALLA	28	340-041-0330
WILLAMETTE	22	340-041-0340

OAR 340-041-0230
Table 230A
Designated Beneficial Uses
North Coast Basin

Beneficial Uses	Estuaries & Adjacent Maine Waters	All Steams & Tributaries Thereto
Public Domestic Water Supply[1]		X
Private Domestic Water Supply[1]		X
Industrial Water Supply	X	X
Irrigation		X
Livestock Watering		X
Fish & Aquatic Life[2]	X	X
Wildlife & Hunting	X	X
Fishing	X	X
Boating	X	X
Water Contact Recreation	X	X
Aesthetic Quality	X	X
Hydro Power		
Commercial Navigation & Transportation	X	

[1] With adequate pretreatment (filtration & disinfection) and natural quality to meet drinking water standards.
[2] See also Figures 230A, ~~and~~ 230B, 230I and 230J for fish use designations for this basin.

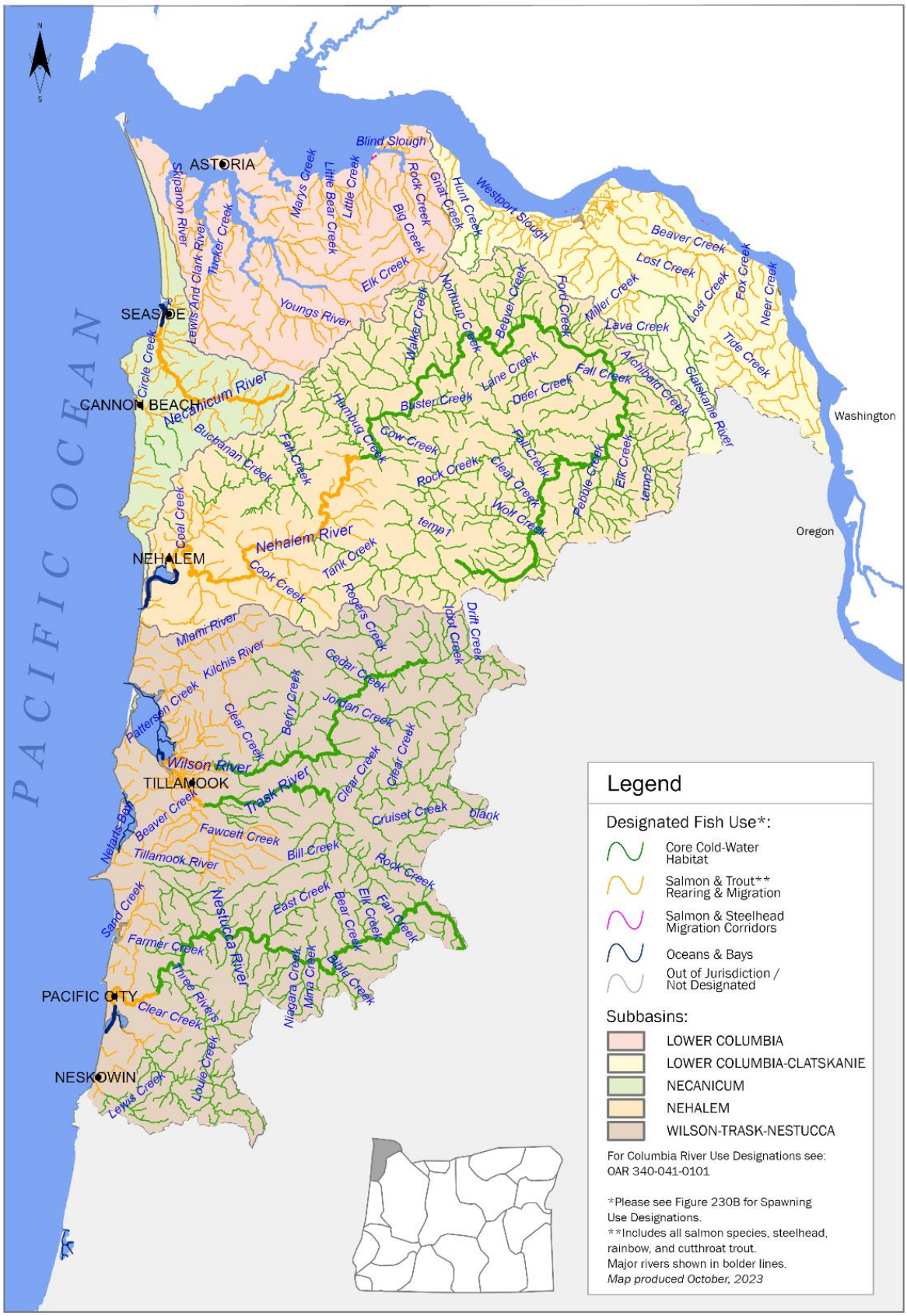
NOTE: DEQ proposes to replace Figures 230A and 230B dated November 2003 with the Figures 230A and 230B dated October 2023 shown below. Figures 230I and 230J dated October 2023 are proposed to be added. The 2003 Figures may be viewed at this link: Oregon Secretary of State Administrative Rules.

State of Oregon Department of Environmental Quality

OAR 340-041-0230 – Figure 230A

Year-Round Temperature Fish Use Designations

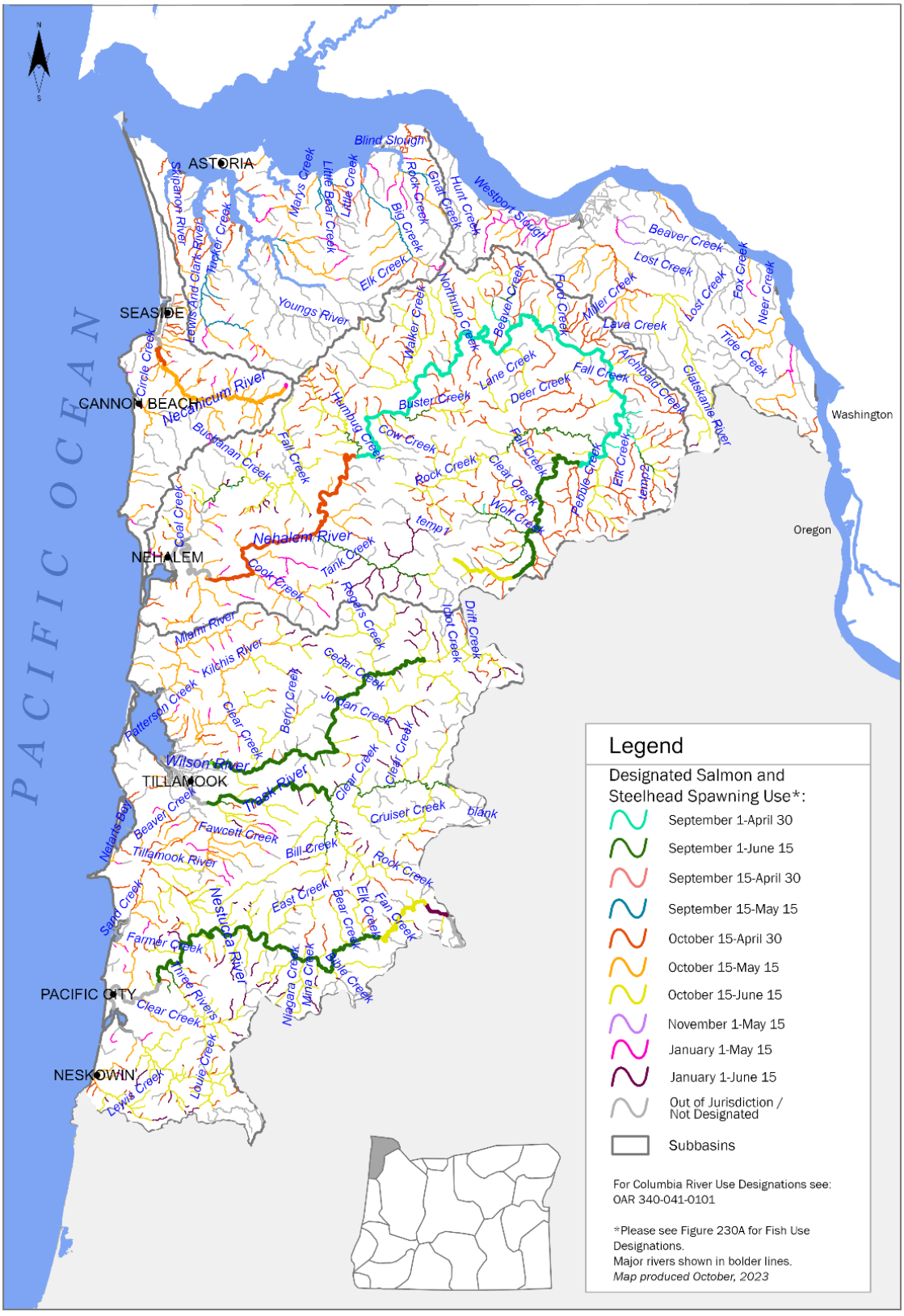
North Coast Basin, Oregon



State of Oregon Department of Environmental Quality

OAR 340-041-0230 – Figure 230B

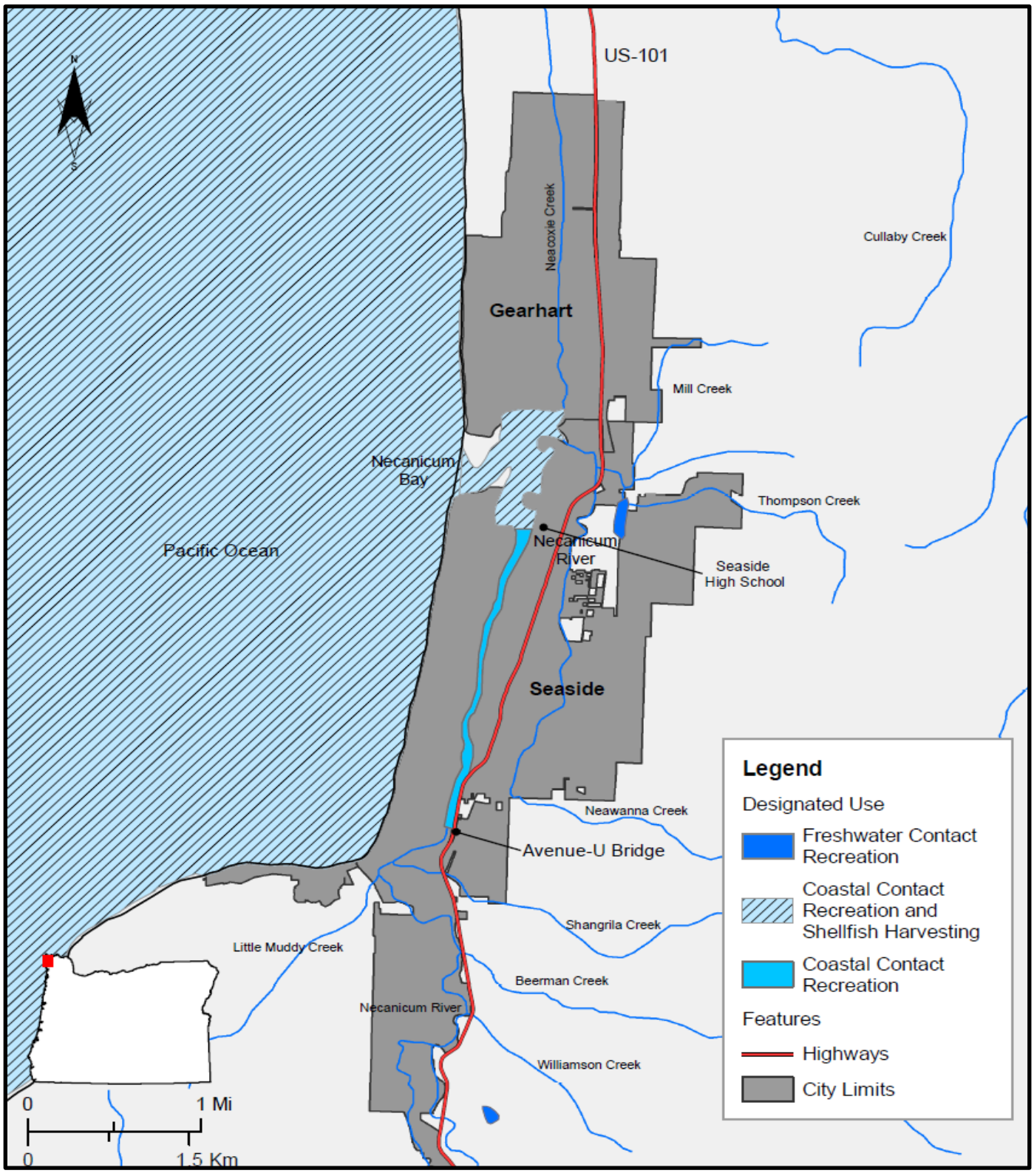
Seasonal Salmon and Steelhead Spawning Use Designations
North Coast Basin, Oregon



State of Oregon Department of Environmental Quality

OAR 340-041-0230 – Figure 230C

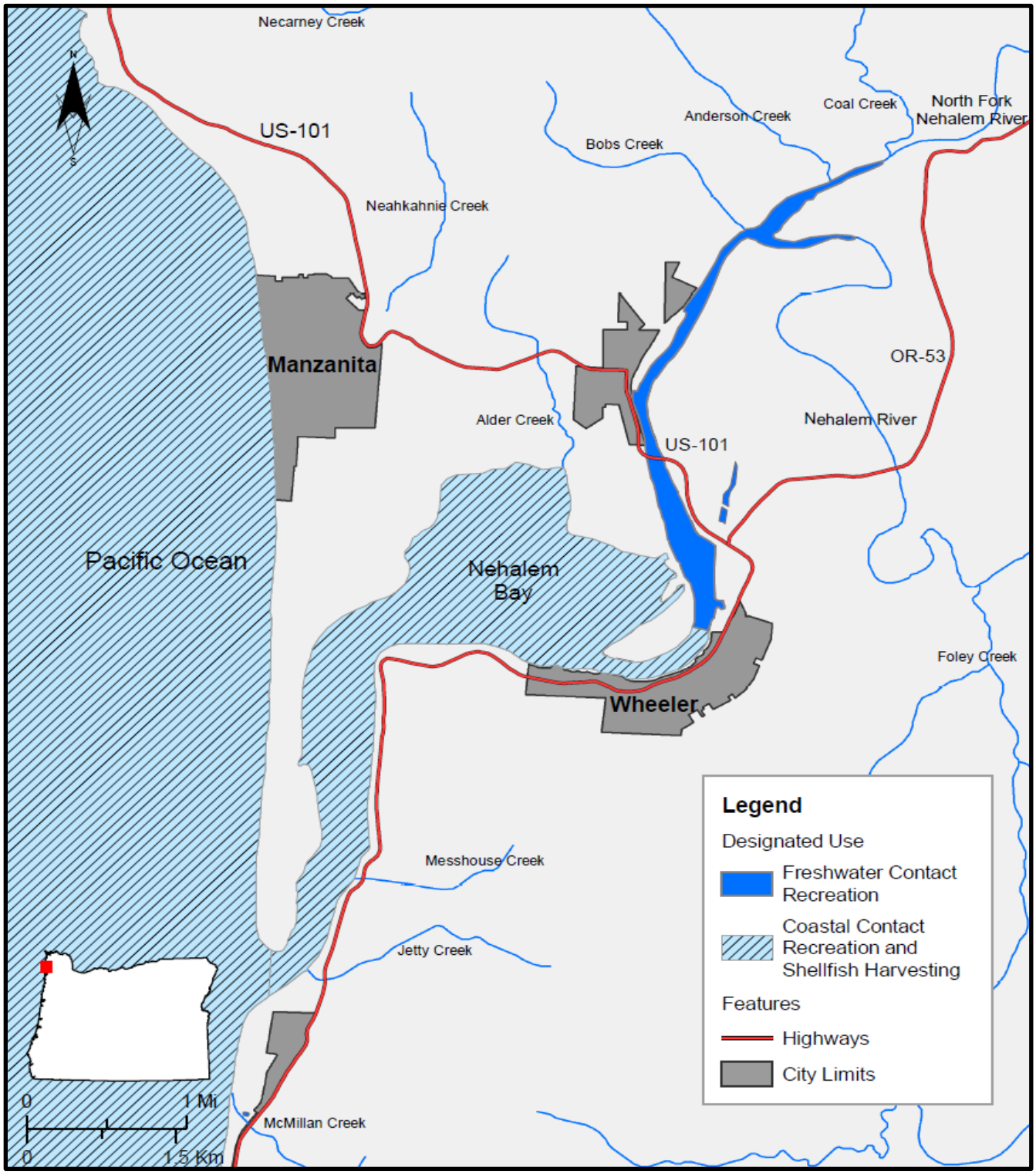
Water Contact Recreation and Shellfish Harvesting Designated Uses
Necanicum Bay, Oregon



State of Oregon Department of Environmental Quality

OAR 340-041-0230 – Figure 230D

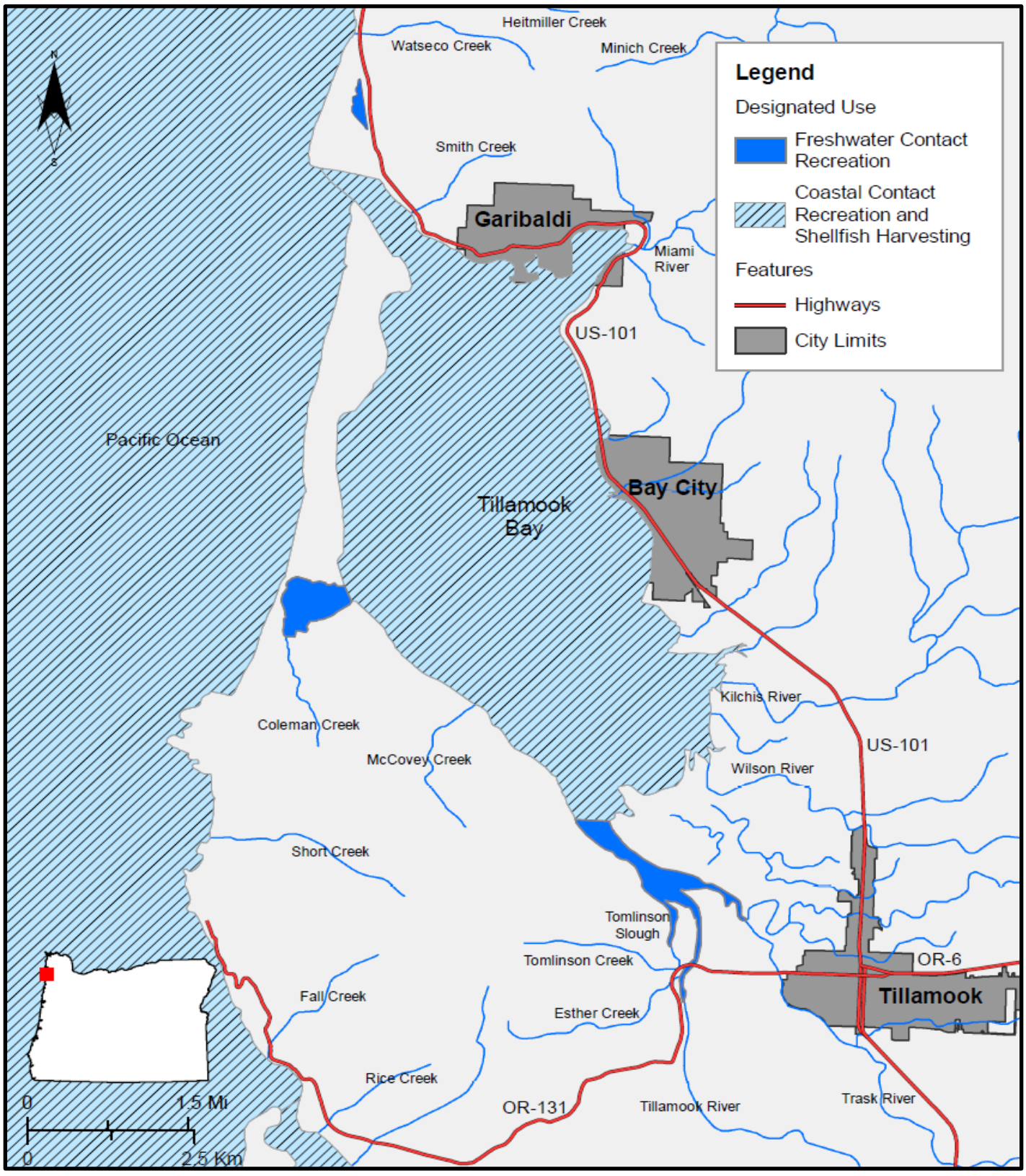
Water Contact Recreation and Shellfish Harvesting Designated Uses
Nehalem Bay, North Coast Basin, Oregon



State of Oregon Department of Environmental Quality

OAR 340-041-0230 – Figure 230E

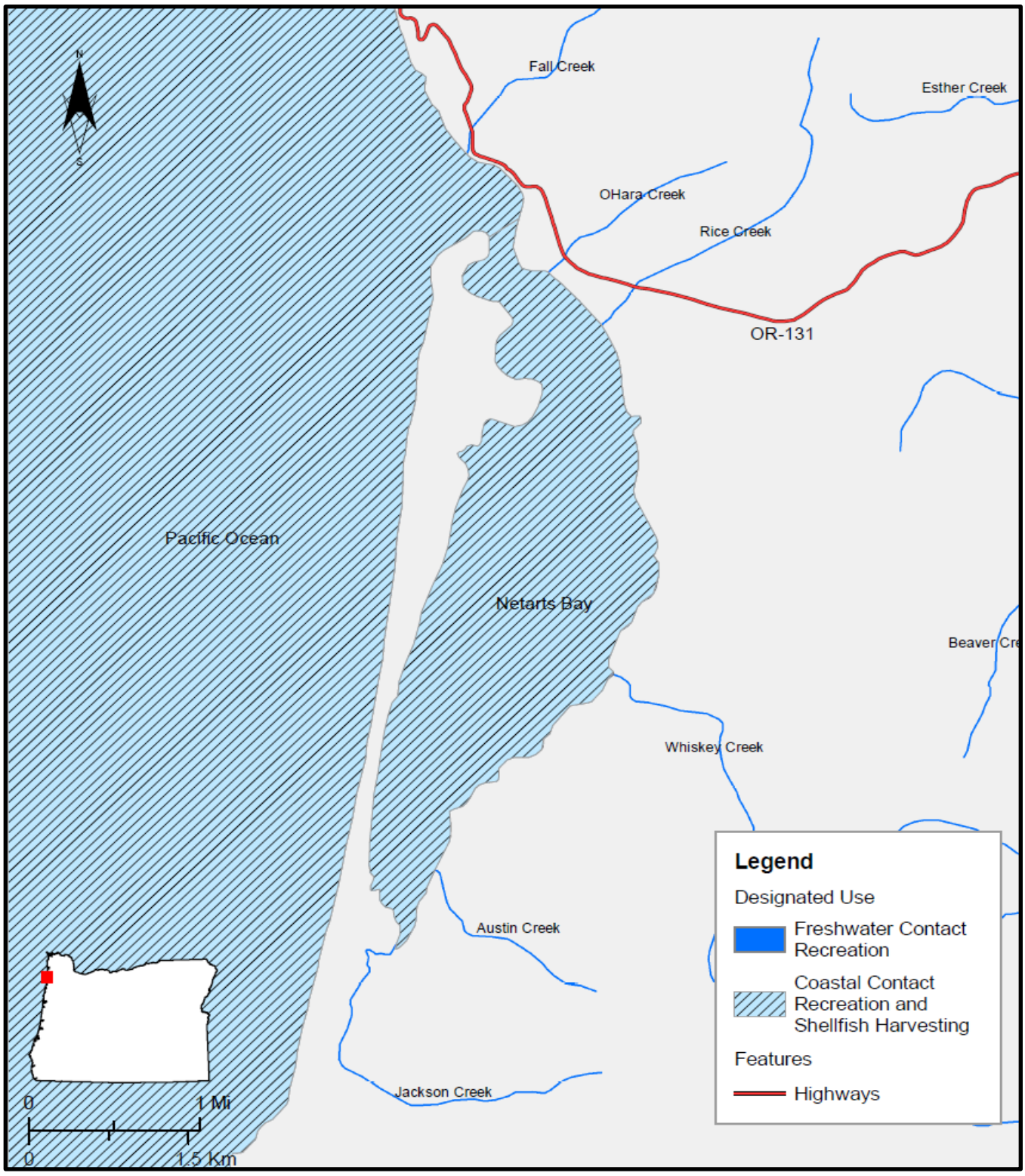
Water Contact Recreation and Shellfish Harvesting Designated Uses
Tillamook Bay, North Coast Basin, Oregon



State of Oregon Department of Environmental Quality

OAR 340-041-0230 – Figure 230F

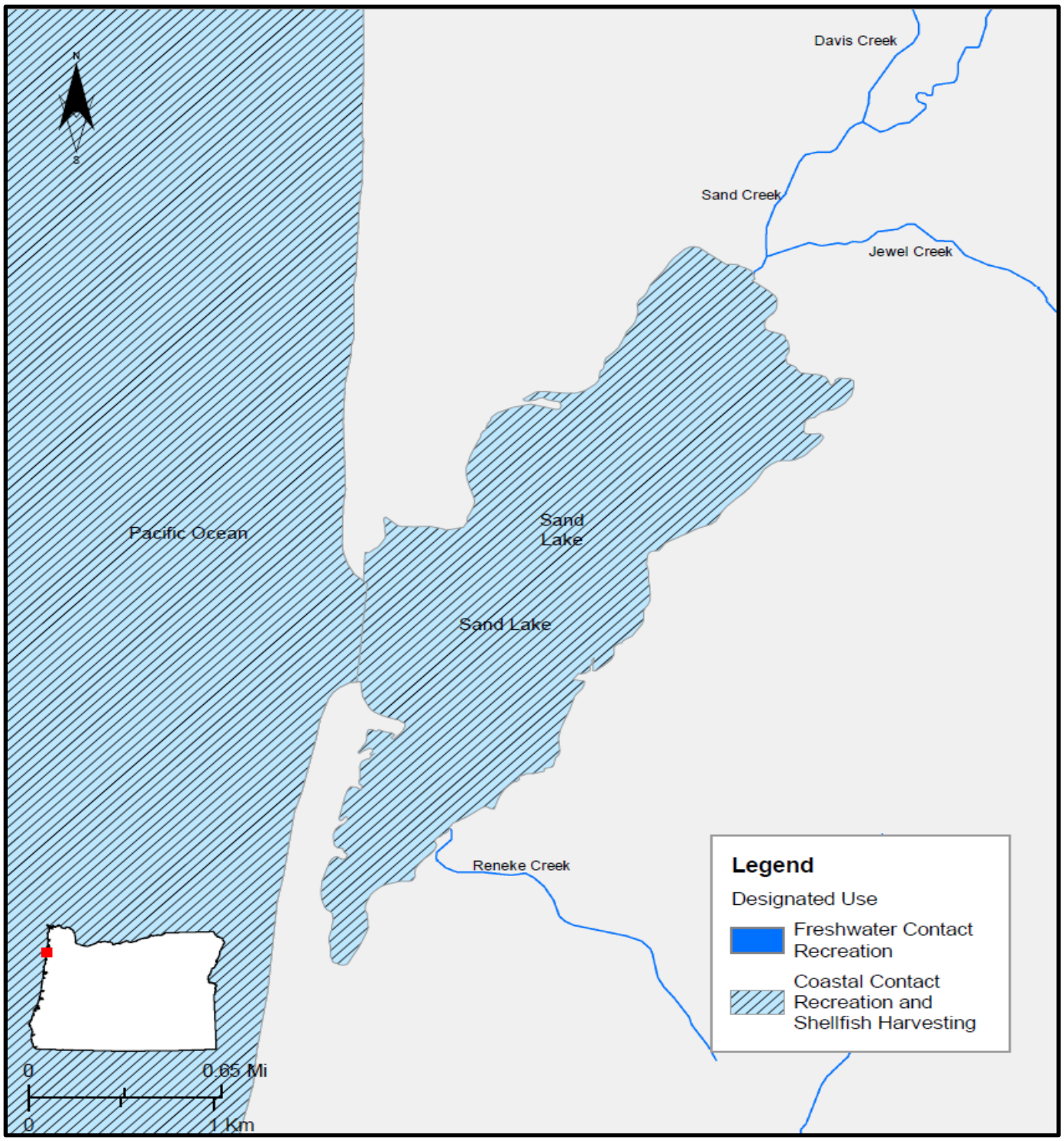
Water Contact Recreation and Shellfish Harvesting Designated Uses
Netarts Bay, North Coast Basin, Oregon



State of Oregon Department of Environmental Quality

OAR 340-041-0230 – Figure 230G

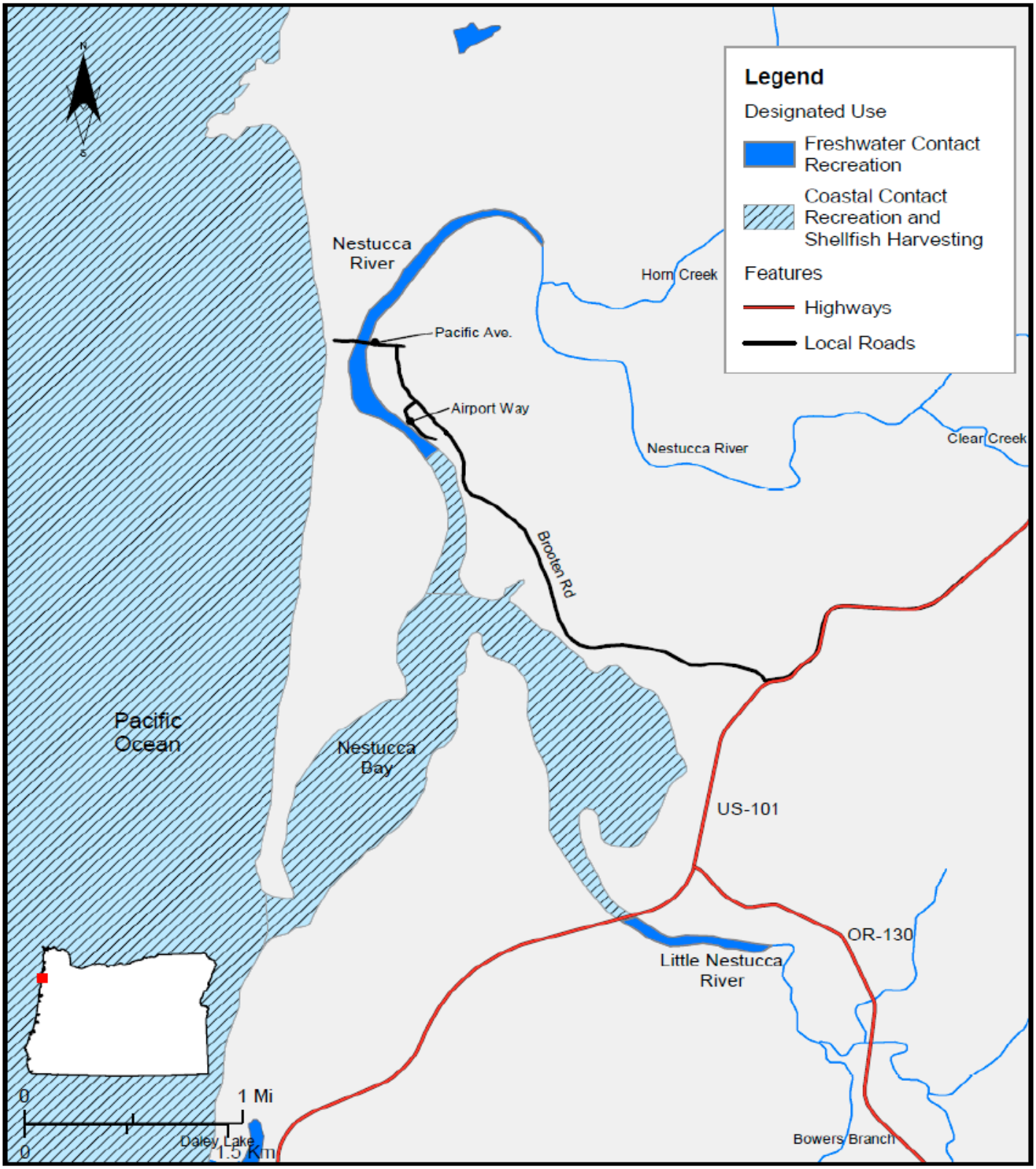
Water Contact Recreation and Shellfish Harvesting Designated Uses
Sand Lake, North Coast Basin, Oregon



State of Oregon Department of Environmental Quality

OAR 340-041-0230 – Figure 230H

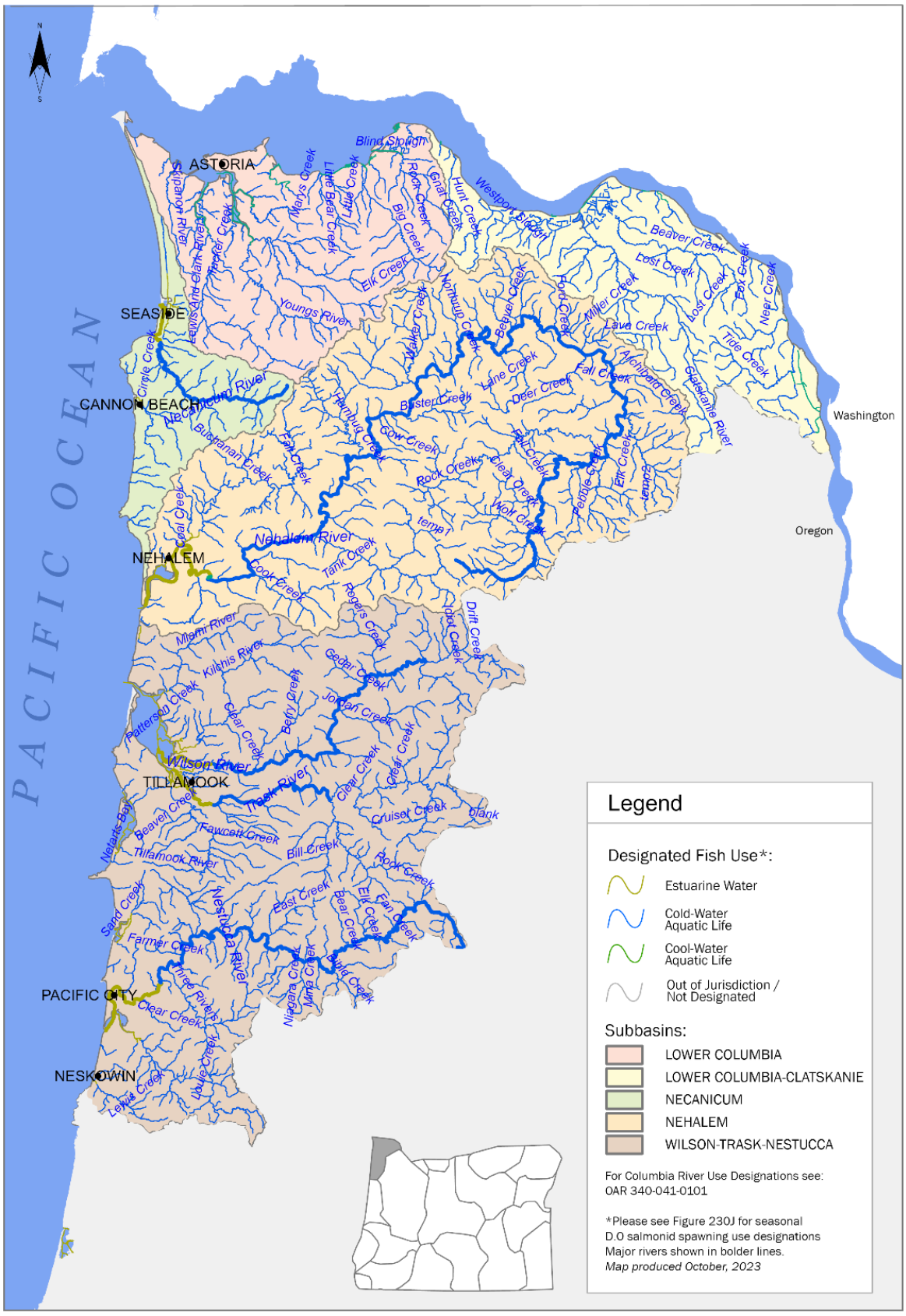
Water Contact Recreation and Shellfish Harvesting Designated Uses
Nestucca Bay, North Coast Basin, Oregon



State of Oregon Department of Environmental Quality

OAR 340-041-0130 – Figure 130I

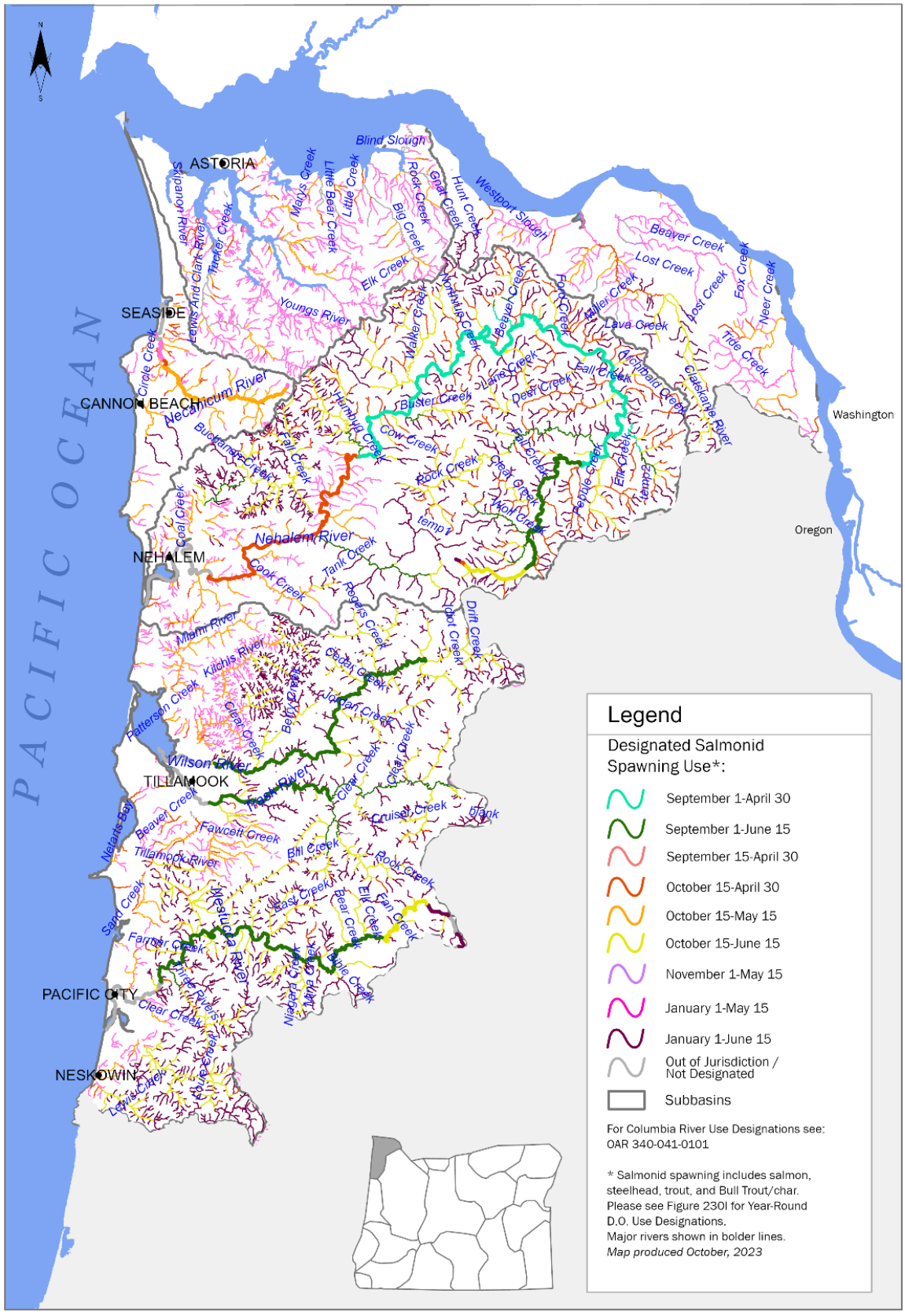
Year-Round Dissolved Oxygen Fish Use Designations
North Coast Basin, Oregon



State of Oregon Department of Environmental Quality

OAR 340-041-0230 – Figure 230J

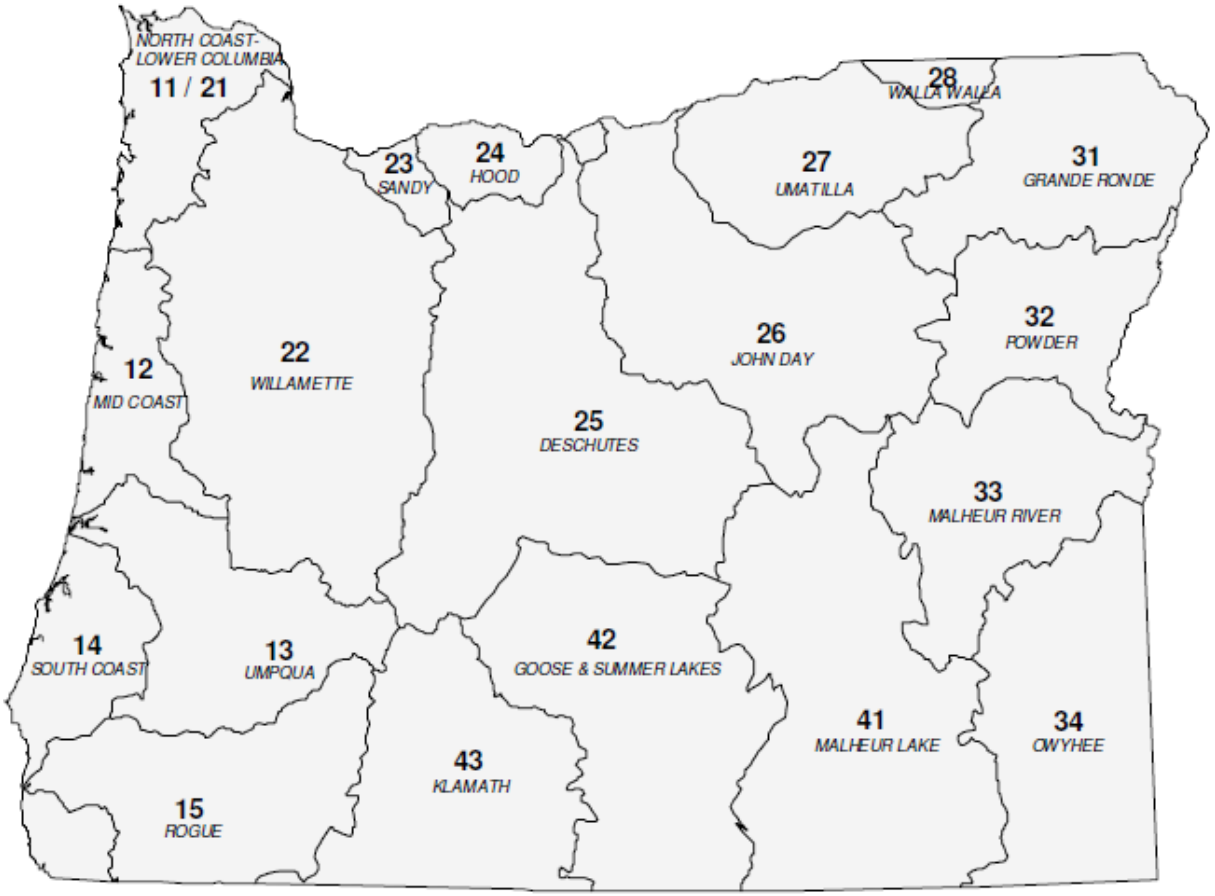
Seasonal Dissolved Oxygen Salmonid Spawning Use Designations
North Coast Basin, Oregon



State of Oregon Department of Environmental Quality

OAR 340-041-0250
Tables and Figures

Figure 1: Oregon Basin Index Map



Basin Name	Basin #	OAR #
DESCHUTES	25	340-041-0130
GOOSE & SUMMER LKS	42	340-041-0140
GRANDE RONDE	31	340-041-0151
HOOD	24	340-041-0160
JOHN DAY	26	340-041-0170
KLAMATH	43	340-041-0180
MALHEUR LAKE	41	340-041-0190
MALHEUR RIVER	33	340-041-0201
MD COAST	12	340-041-0220
NORTH COAST-LWR COL	11-21	340-041-0230
OWYHEE	34	340-041-0250
POWDER	32	340-041-0260
ROGUE	15	340-041-0271
SANDY	23	340-041-0286
SOUTH COAST	14	340-041-0300
UMATILLA	27	340-041-0310
UMPQUA	13	340-041-0320
WALLA WALLA	28	340-041-0330
WILLAMETTE	22	340-041-0340

OAR 340-041-0250
Table 250A
Designated Beneficial Uses
Owyhee Basin

Beneficial Uses	Owyhee River (RM 0-18)	Owyhee River (RM 18-Dam)	Reservoirs Antelope Cow Creek Owyhee	Owyhee River & Tributaries Upstream from Owyhee Reservoir	Designated Scenic Waterway[3]
Public Domestic Water Supply[1]	X	X	X	X	X
Private Domestic Water Supply[1]	X	X	X	X	X
Industrial Water Supply	X	X	X	X	
Irrigation	X	X	X	X	
Livestock Watering	X	X	X	X	X
Fish & Aquatic Life[2]	X	X	X	X	X
Wildlife & Hunting	X	X	X	X	X
Fishing	X	X	X	X	X
Boating	X	X	X	X	X
Water Contact Recreation	X	X	X	X	X
Aesthetic Quality	X	X	X	X	X
Hydro Power					
Commercial Navigation & Transportation					

[1] With adequate pretreatment (filtration & disinfection) and natural quality to meet drinking water standards.
[2] See also Table 250B and Figures 250A, 250B, and 250C for fish use designations for this basin.
[3] The mainstem of the South Fork of the Owyhee River from the Oregon-Idaho River border to Three Forks (the confluence of the North, Middle and South Forks Owyhee River) and the mainstem Owyhee River form Crooked Creek (river mile 22) to the mouth of Birch Creek (river mile 76) is designated by statute as a Scenic Waterway.

NOTE: DEQ proposes add Figures 250A, 250B, and 250C dated October 2023 shown below. The 2003 Figures may be viewed at this link: Oregon Secretary of State Administrative Rules.

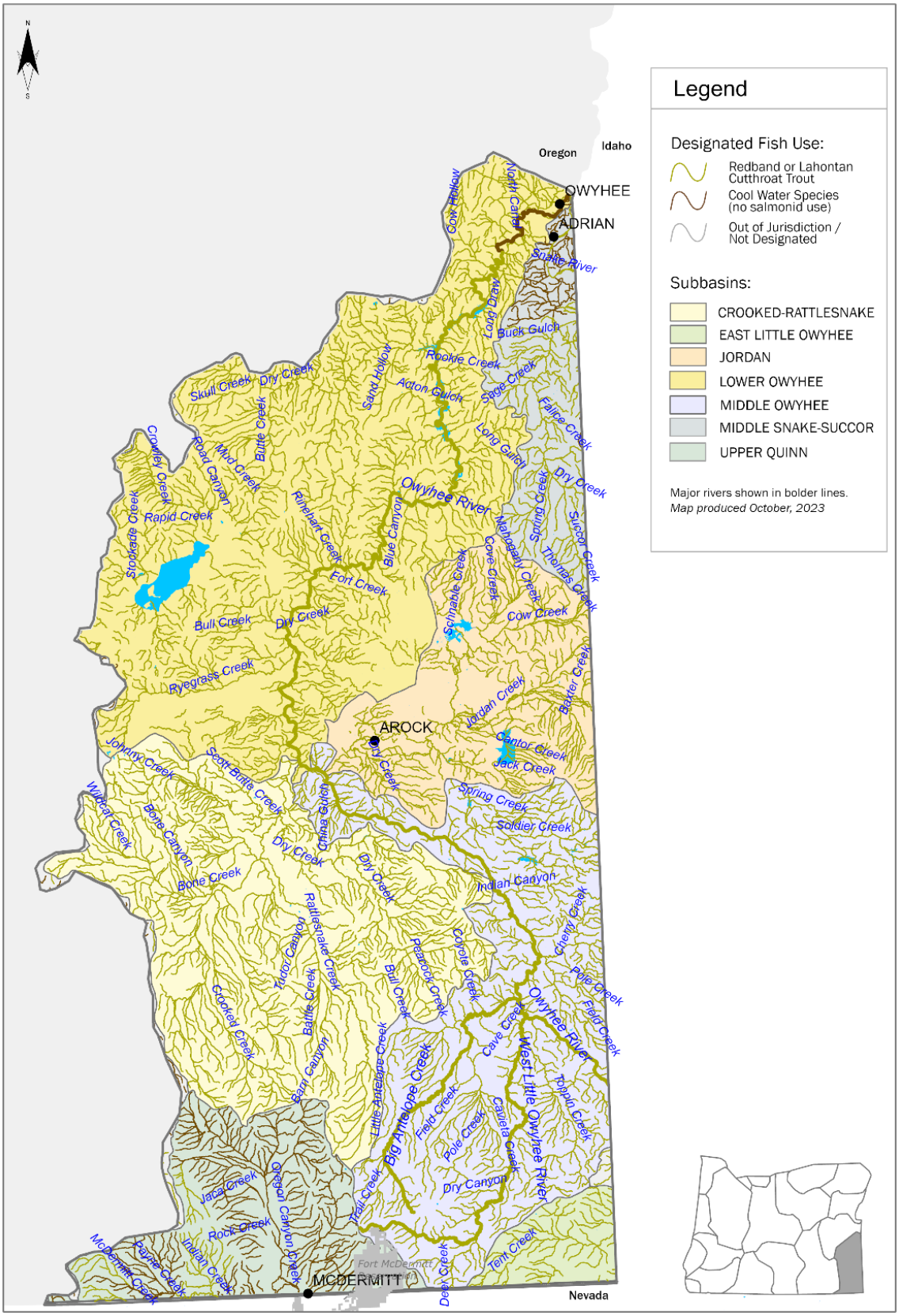
~~OAR 340-041-0250~~
~~Table 250B~~
~~Beneficial Use Designations – Fish Uses~~
~~Owyhee Basin, Oregon~~

~~Geographic Extent of Use~~	~~Redband or Lahontan Cutthroat Trout (20°C)~~	~~Cool Water Species (No Salmonid Use)~~
~~Lower Owyhee River Subbasin~~		
~~Mainstem Owyhee River from the mouth to the confluence with Snively Gulch (RM 18).~~		~~X~~
~~All other Lower Owyhee subbasin waters.~~	~~X~~	
~~All other Owyhee Basin waters within Oregon~~		
	~~X~~	

State of Oregon Department of Environmental Quality

OAR 340-041-0250 – Figure 250A

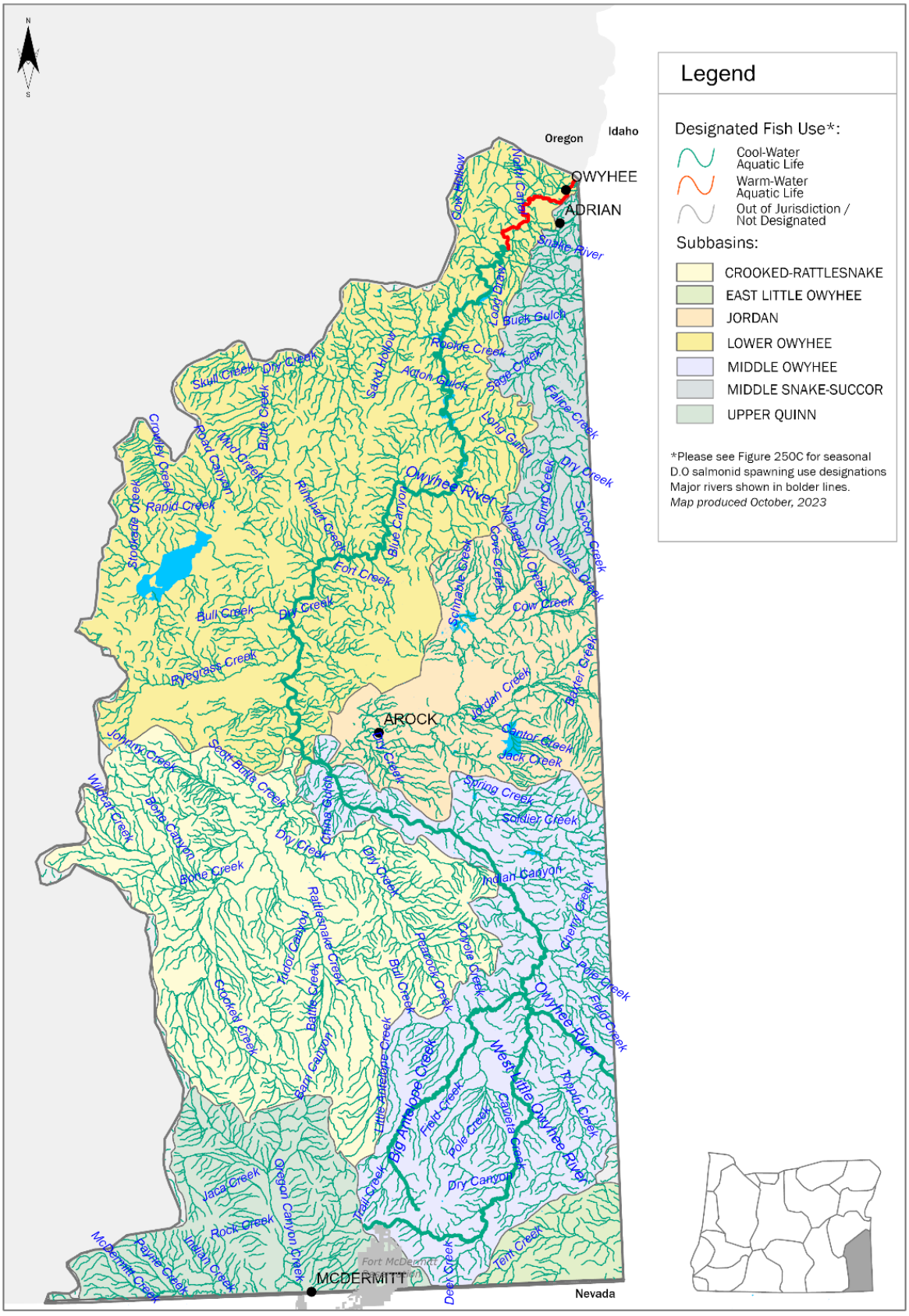
Year-Round Temperature Fish Use Designations
Owyhee Basin, Oregon



State of Oregon Department of Environmental Quality

OAR 340-041-0250 – Figure 250B

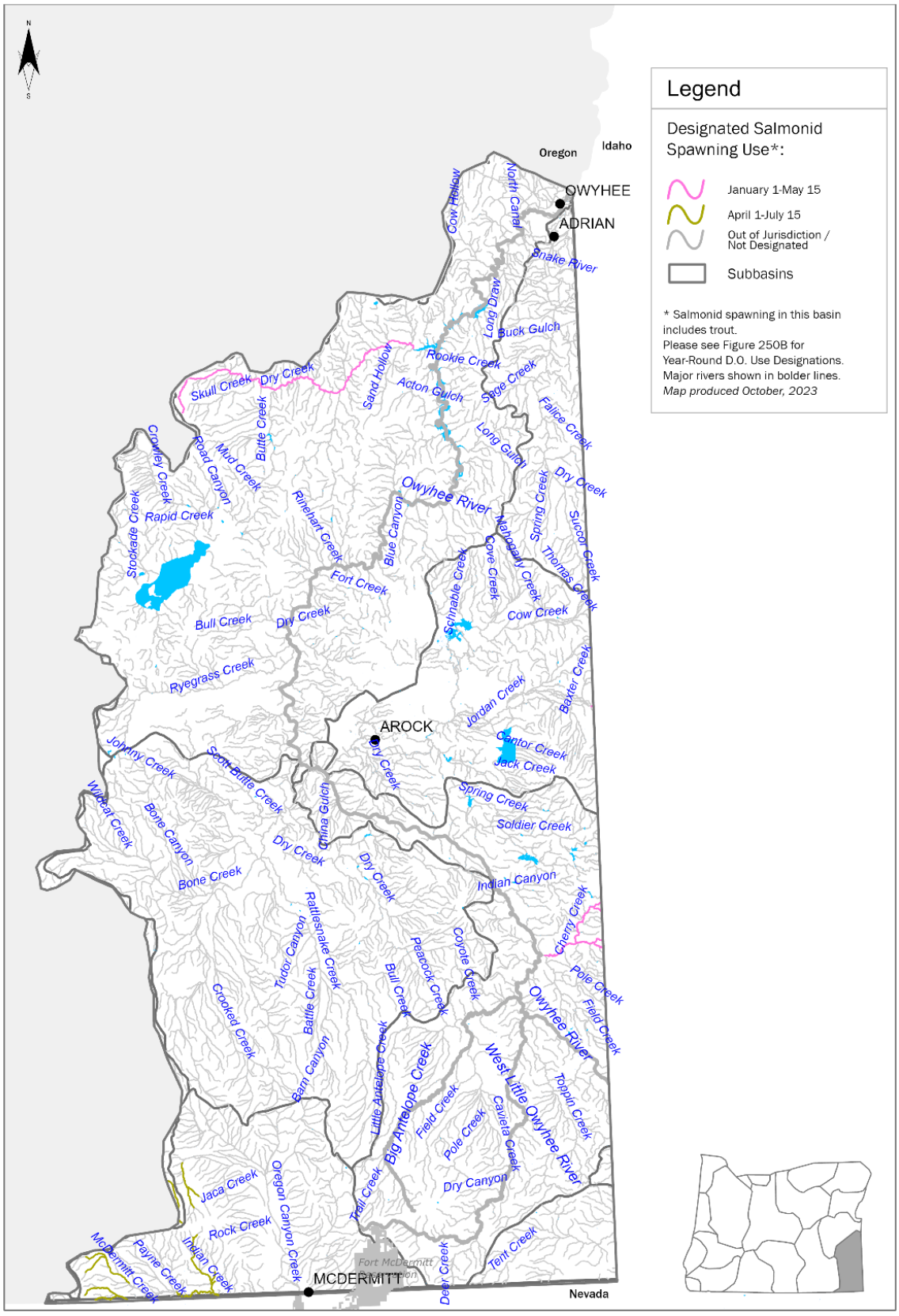
Year-Round Dissolved Oxygen Fish Use Designations
Owyhee Basin, Oregon



State of Oregon Department of Environmental Quality

OAR 340-041-0250 – Figure 250C

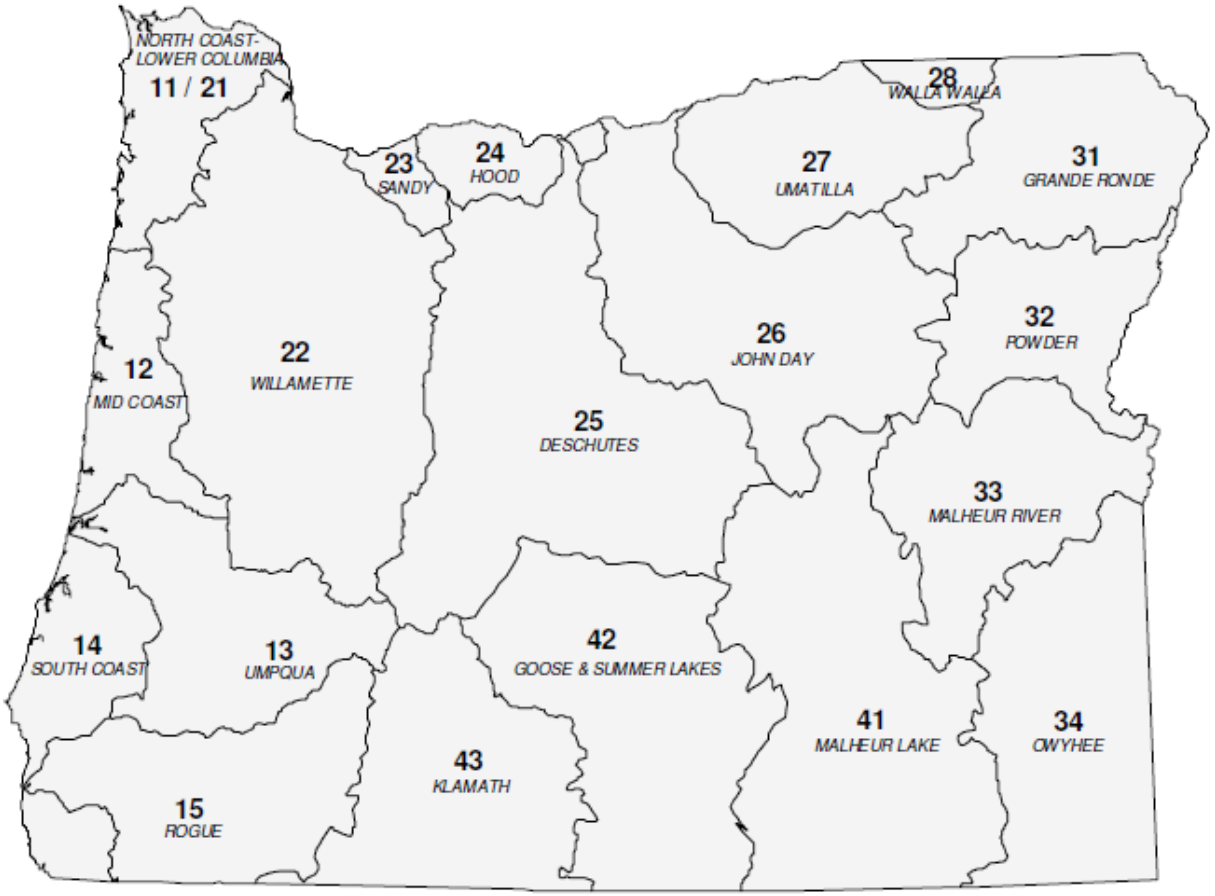
Seasonal Dissolved Oxygen Salmonid Spawning Use Designations
Owyhee Basin, Oregon



State of Oregon Department of Environmental Quality

OAR 340-041-0260
Tables and Figures

Figure 1: Oregon Basin Index Map



Basin Name	Basin #	OAR #
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GOOSE & SUMMER LKS	42	340-041-0140
GRANDE RONDE	31	340-041-0151
HOOD	24	340-041-0160
JOHN DAY	26	340-041-0170
KLAMATH	43	340-041-0180
MALHEUR LAKE	41	340-041-0190
MALHEUR RIVER	33	340-041-0201
MD COAST	12	340-041-0220
NORTH COAST-LWR COL	11-21	340-041-0230
OWYHEE	34	340-041-0250
POWDER	32	340-041-0260
ROGUE	15	340-041-0271
SANDY	23	340-041-0286
SOUTH COAST	14	340-041-0300
UMATILLA	27	340-041-0310
UMPQUA	13	340-041-0320
WALLA WALLA	28	340-041-0330
WILLAMETTE	22	340-041-0340

OAR 340-041-0260
Table 260A
Designated Beneficial Uses
Powder/Burnt Basin

Beneficial Uses	All Basin Waters
Public Domestic Water Supply[1]	X
Private Domestic Water Supply[1]	X
Industrial Water Supply	X
Irrigation	X
Livestock Watering	X
Fish & Aquatic Life[2]	X
Wildlife & Hunting	X
Fishing	X
Boating	X
Water Contact Recreation	X
Aesthetic Quality	X
Hydro Power	
Commercial Navigation & Transportation	

[1] With adequate pretreatment (filtration & disinfection) and natural quality to meet drinking water standards.
[2] See also Figures 260A, 260B, 260C and 260D for fish use designations for this basin.

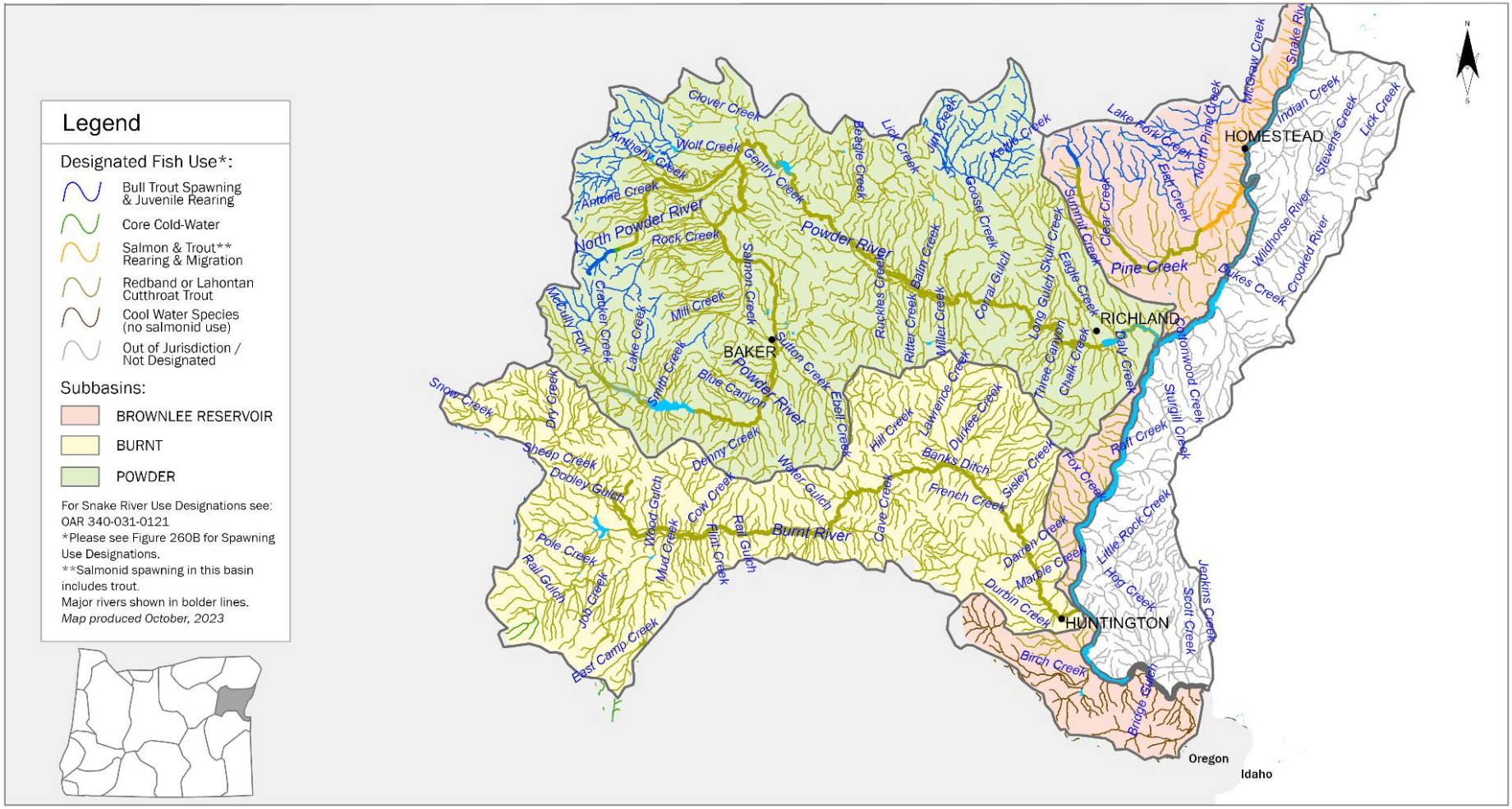
NOTE: DEQ proposes to replace Figure 260A dated November 2003 with the Figure 260A dated October 2023 shown below. Figures 260B and 260C dated October 2023 are proposed to be added. The 2003 Figures may be viewed at this link: Oregon Secretary of State Administrative Rules.

State of Oregon Department of Environmental Quality

OAR 340-041-0260 – Figure 260A

Year-Round Temperature Fish Use Designations

Powder Basin, Oregon

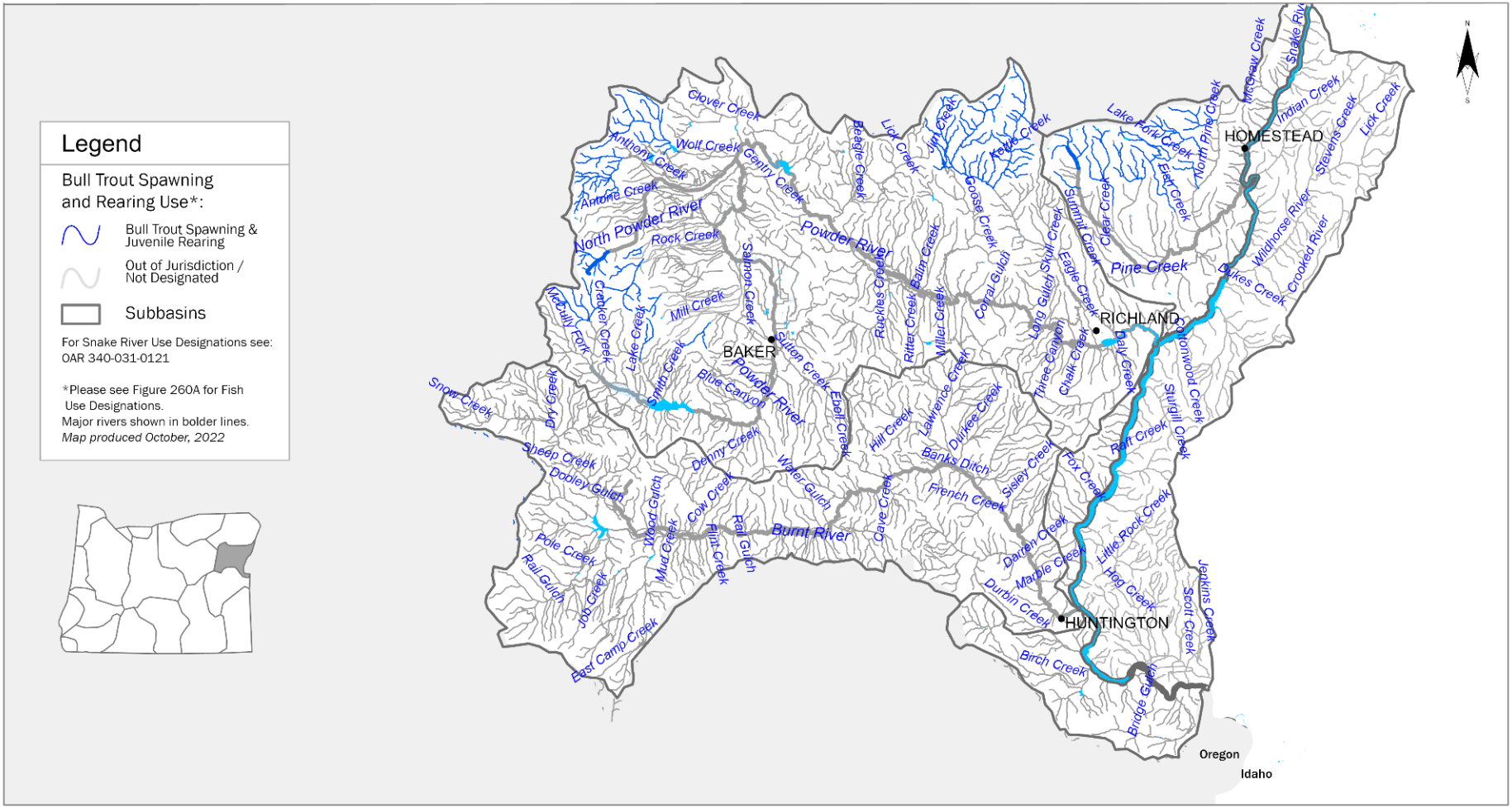


State of Oregon Department of Environmental Quality

OAR 340-041-0260 – Figure 260B

Seasonal Salmon and Steelhead Spawning Use Designations

Powder Basin, Oregon

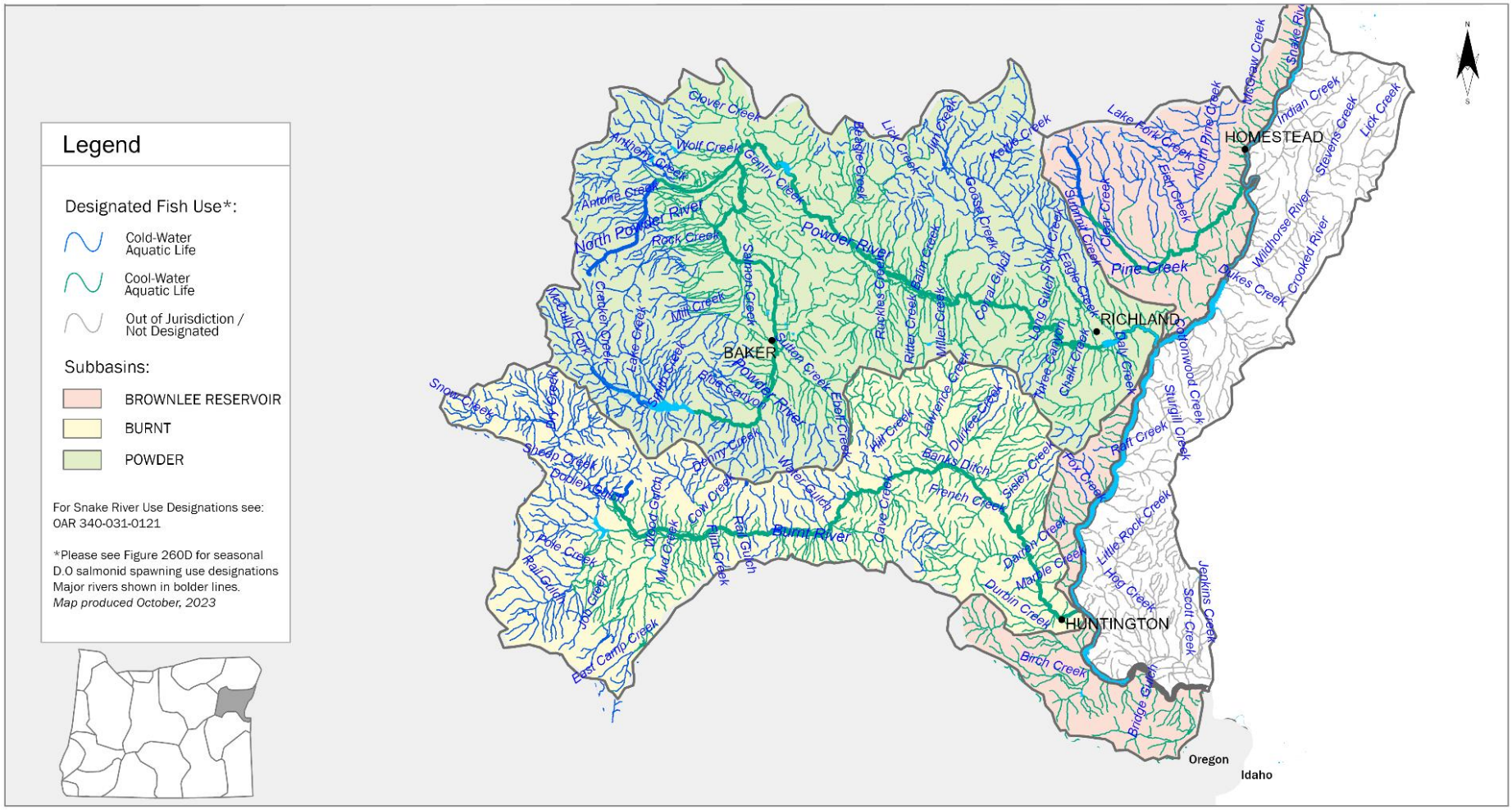


State of Oregon Department of Environmental Quality

OAR 340-041-0260 – Figure 260C

Year-Round Dissolved Oxygen Fish Use Designations

Powder Basin, Oregon

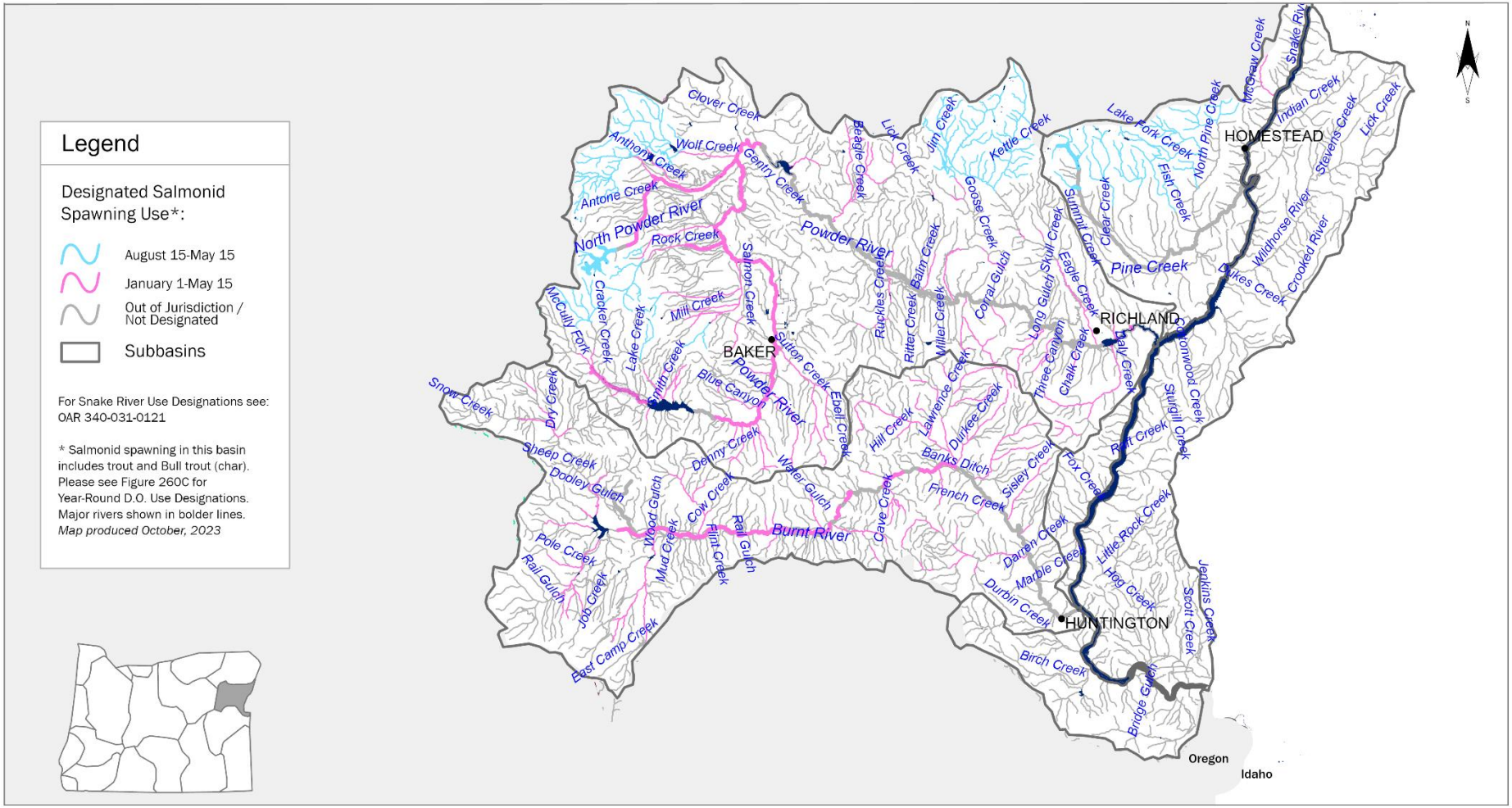


State of Oregon Department of Environmental Quality

OAR 340-041-0260 – Figure 260D

Seasonal Dissolved Oxygen Salmonid Spawning Use Designations

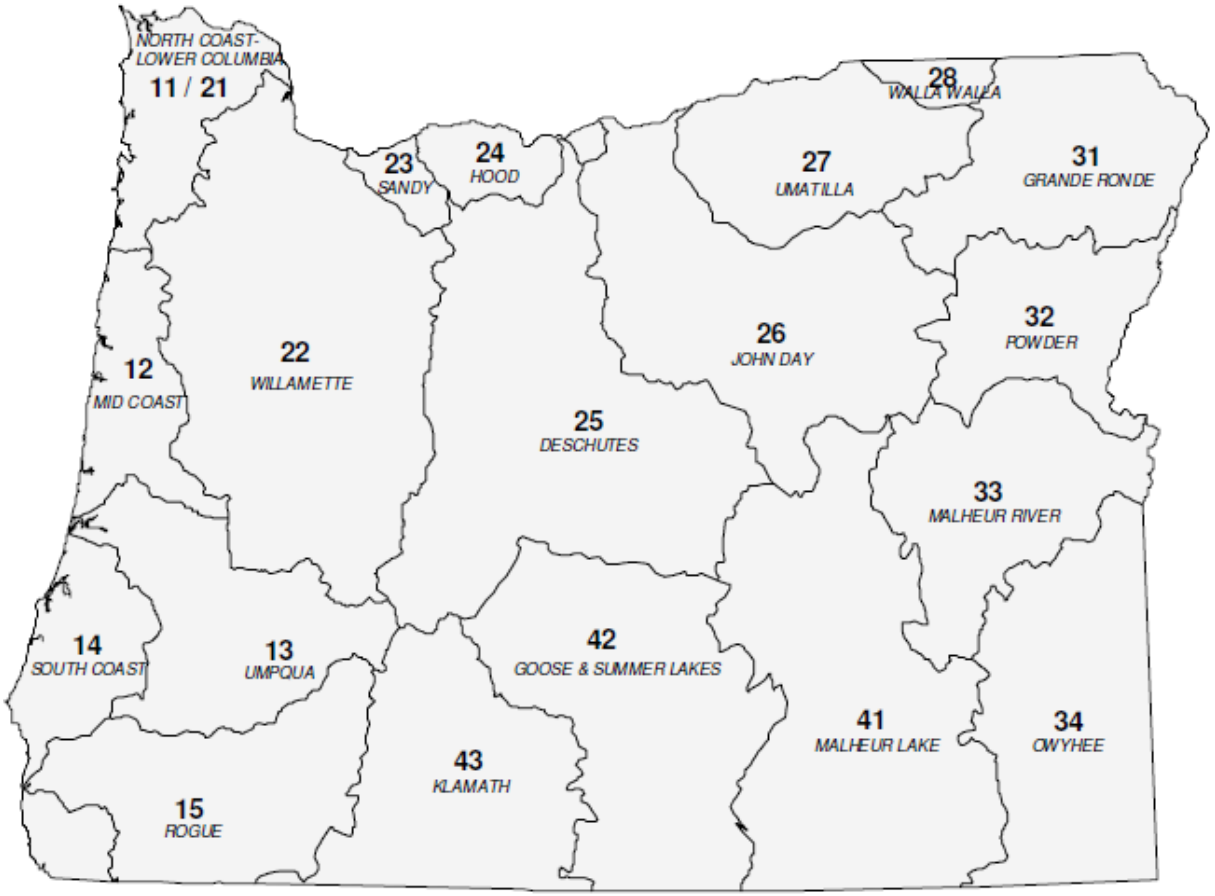
Powder Basin, Oregon



State of Oregon Department of Environmental Quality

OAR 340-041-0271
Tables and Figures

Figure 1: Oregon Basin Index Map



Basin Name	Basin #	OAR #
DESCHUTES	25	340-041-0130
GOOSE & SUMMER LKS	42	340-041-0140
GRANDE RONDE	31	340-041-0151
HOOD	24	340-041-0160
JOHN DAY	26	340-041-0170
KLAMATH	43	340-041-0180
MALHEUR LAKE	41	340-041-0190
MALHEUR RIVER	33	340-041-0201
MD COAST	12	340-041-0220
NORTH COAST-LWR COL	11-21	340-041-0230
OWYHEE	34	340-041-0250
POWDER	32	340-041-0260
ROGUE	15	340-041-0271
SANDY	23	340-041-0286
SOUTH COAST	14	340-041-0300
UMATILLA	27	340-041-0310
UMPQUA	13	340-041-0320
WALLA WALLA	28	340-041-0330
WILLAMETTE	22	340-041-0340

OAR 340-041-0271
Table 271A
Designated Beneficial Uses
Rogue Basin

Beneficial Uses	Rogue River Estuary & Adjacent Marine Waters	Rogue River Main Stem from Estuary to Lost Creek Dam	Rogue River Main Stem above Lost Dam & Tributaries	Bear Creek Main Stem	All Other Tributaries to Rogue River & Bear Creek
Public Domestic Water Supply[1]		X	X	*	X
Private Domestic Water Supply[1]		X	X		X
Industrial Water Supply	X	X	X	X	X
Irrigation		X	X	X	X
Livestock Watering		X	X	X	X
Fish & Aquatic Life[2]	X	X	X	X	X
Wildlife & Hunting	X	X	X	X	X
Fishing	X	X	X	X	X
Boating	X	X	X	X	X
Water Contact Recreation	X	X	X	X	X
Aesthetic Quality	X	X	X	X	X
Hydro Power			X		X
Commercial Navigation & Transportation	X	X			

[1] With adequate pretreatment (filtration & disinfection) and natural quality to meet drinking water standards
[2] See also Figures 271A, ~~and~~ 271B, 271C and 271D for fish use designations for this basin.
* Designation for this use is presently under study

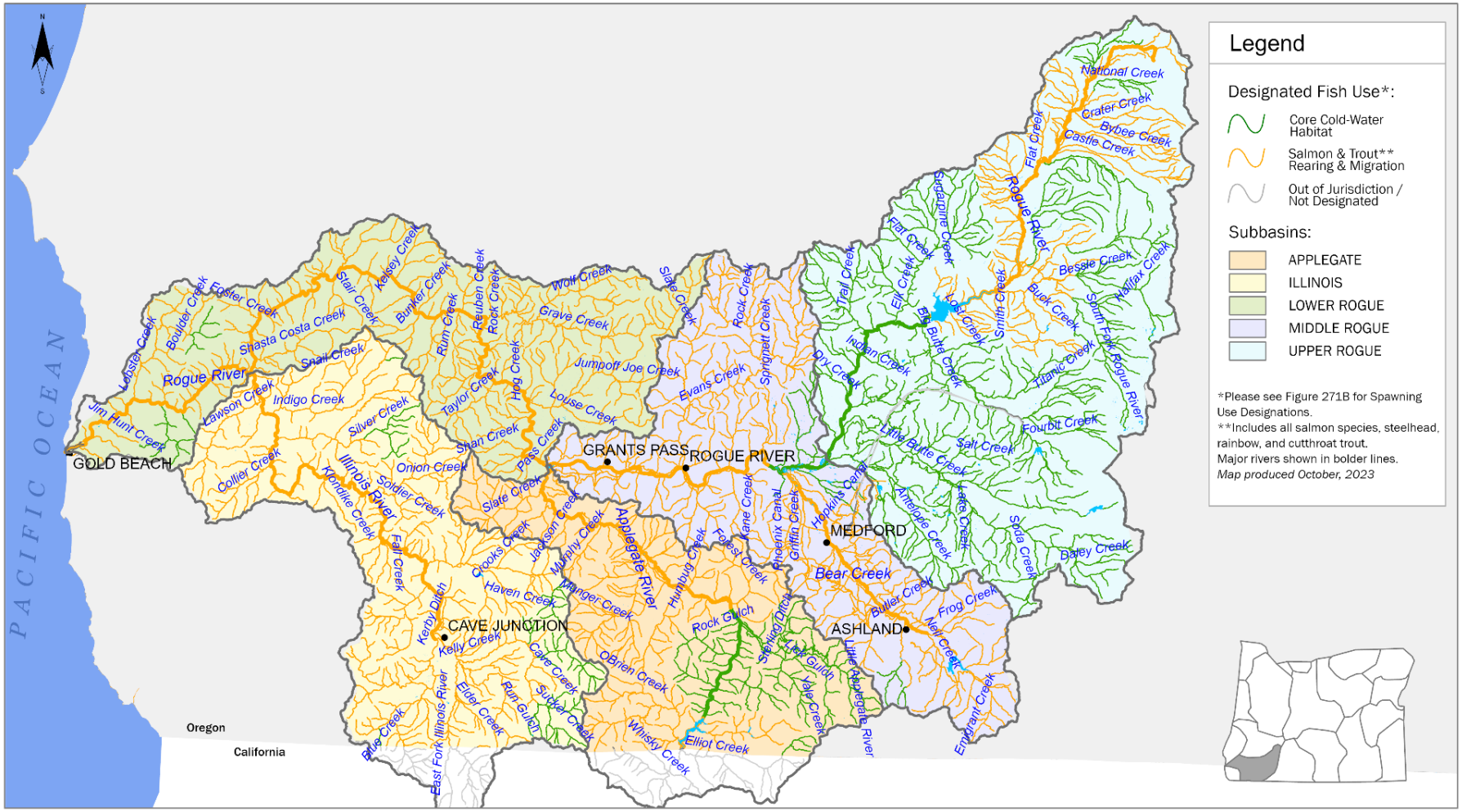
NOTE: DEQ proposes to replace Figures 271A and 271B dated November 2003 with the Figures 271A and 271B dated October 2023 shown below. Figures 271C and 271D dated October 2023 are proposed to be added. The 2003 Figures may be viewed at this link: Oregon Secretary of State Administrative Rules.

State of Oregon Department of Environmental Quality

OAR 340-041-0271 – Figure 271A

Year-Round Temperature Fish Use Designations

Rogue Basin, Oregon

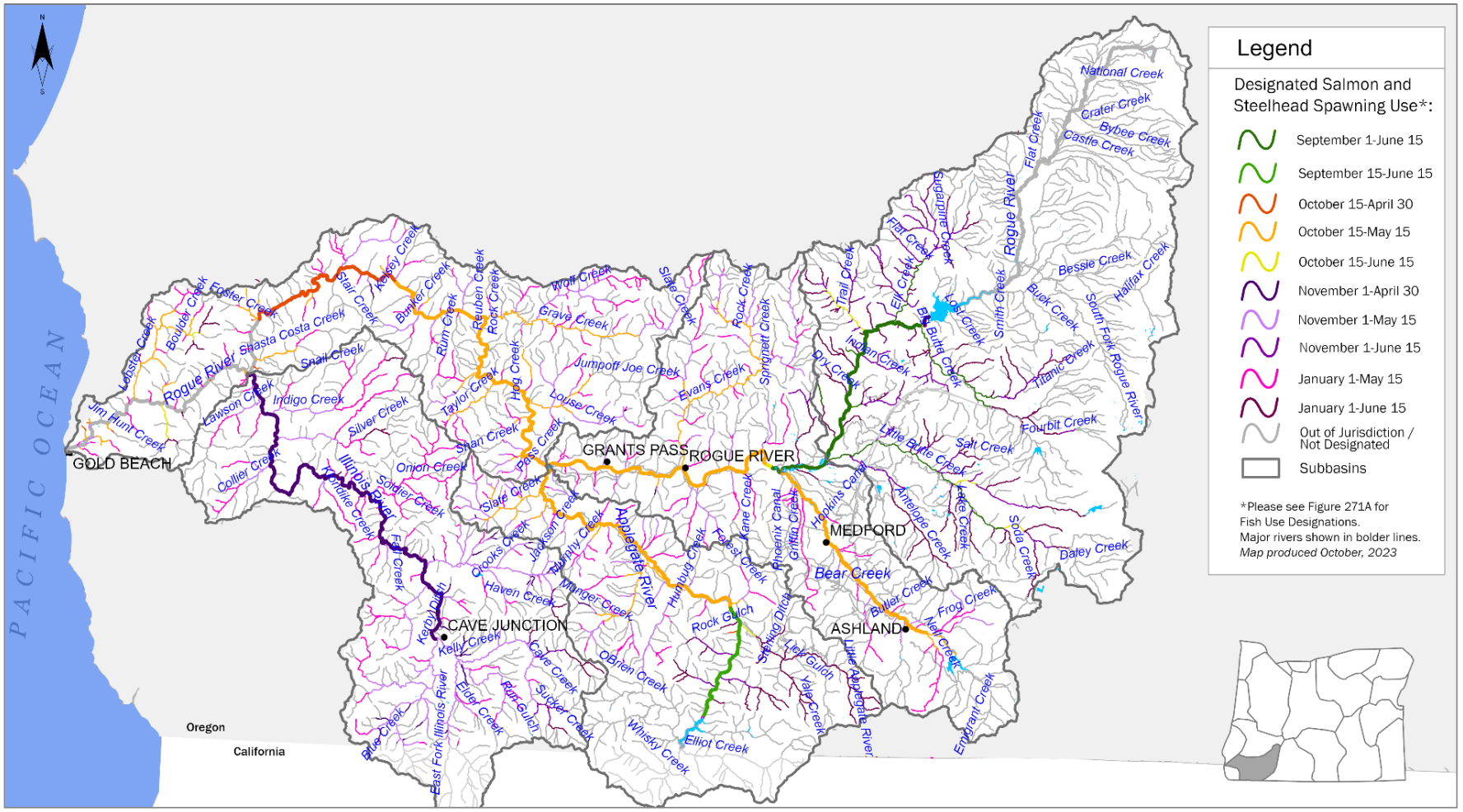


State of Oregon Department of Environmental Quality

OAR 340-041-0271 – Figure 271B

Seasonal Salmon and Steelhead Spawning Use Designations

Rogue Basin, Oregon

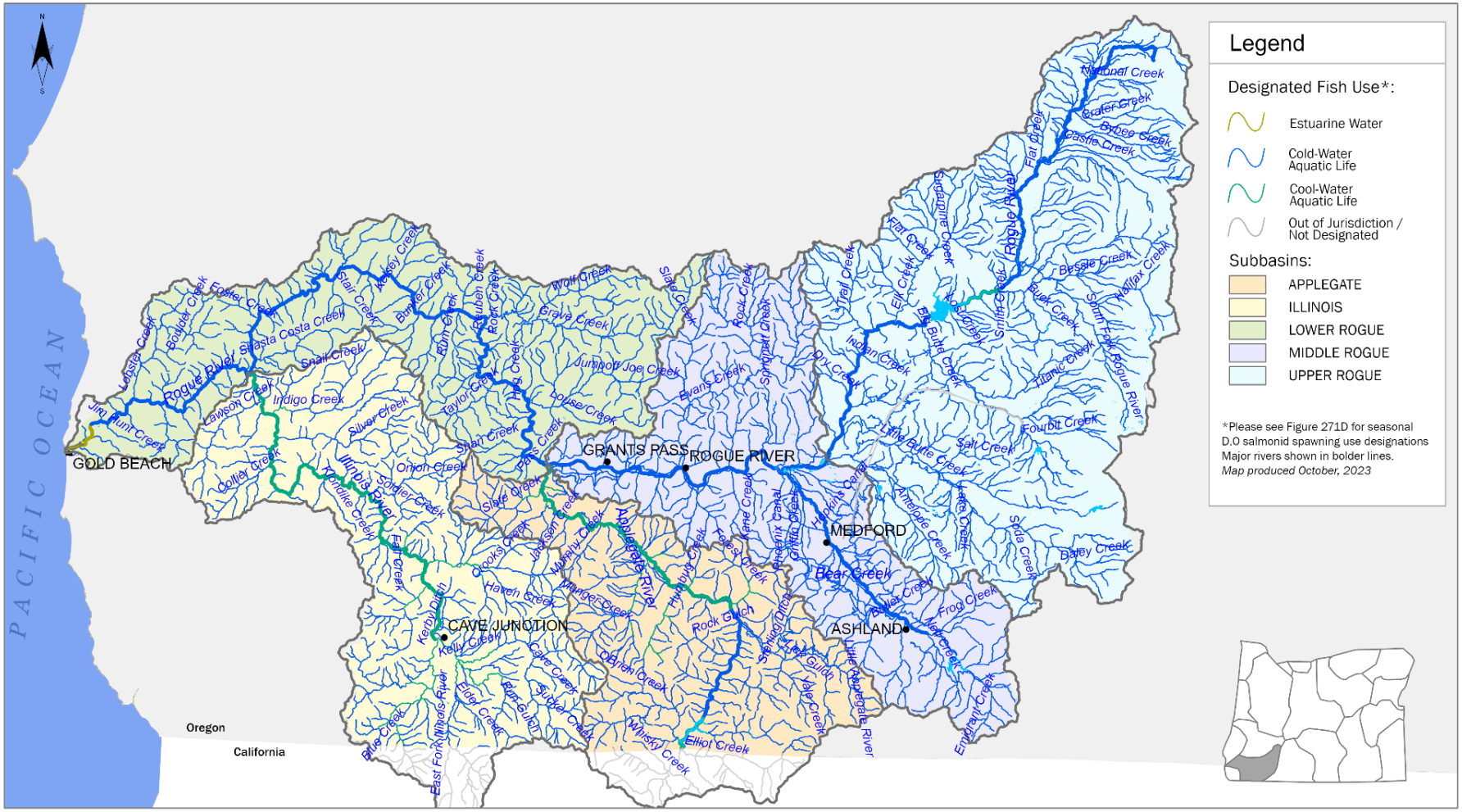


State of Oregon Department of Environmental Quality

OAR 340-041-0271 – Figure 271C

Year-Round Dissolved Oxygen Fish Use Designations

Rogue Basin, Oregon

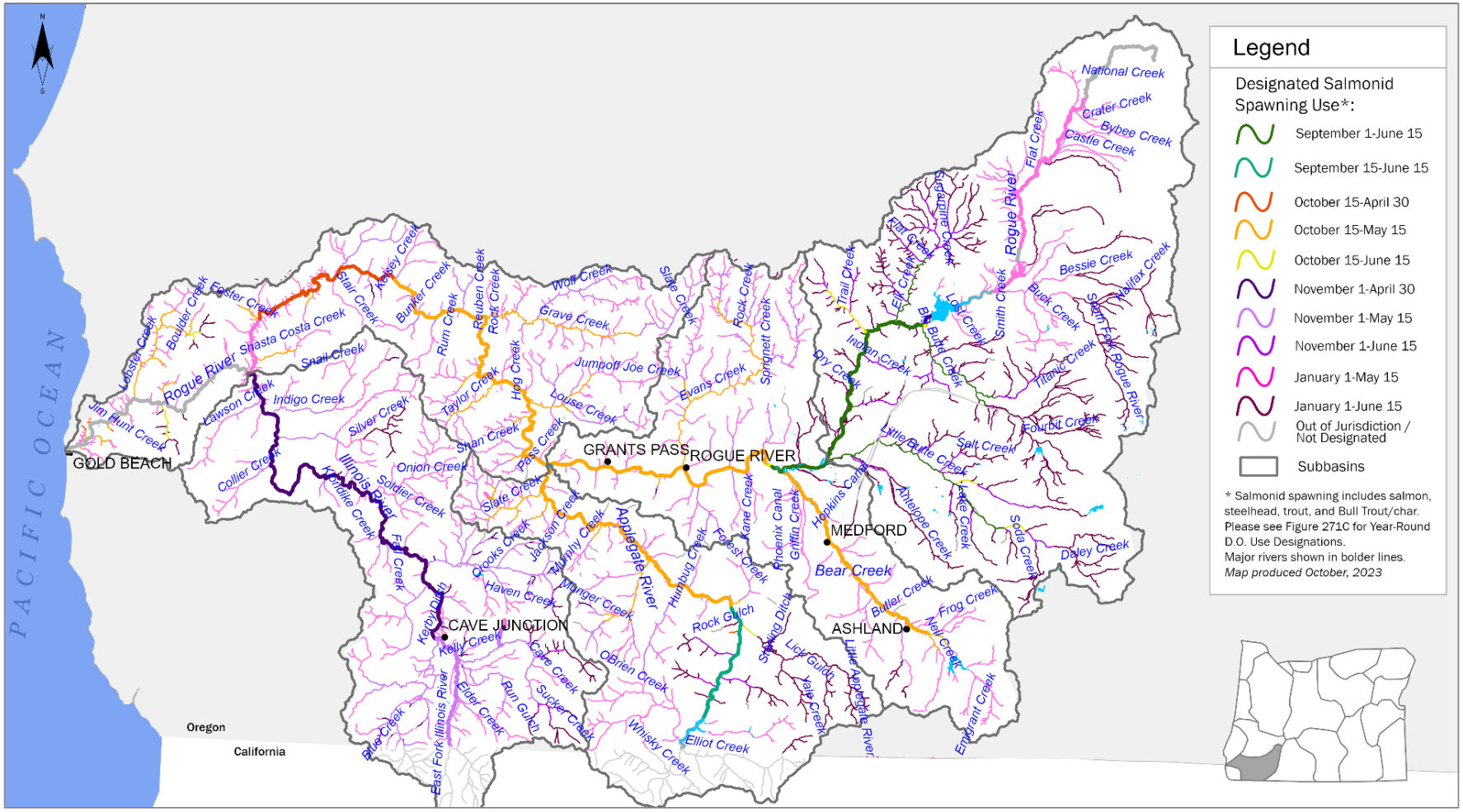


State of Oregon Department of Environmental Quality

OAR 340-041-0271 – Figure 271D

Seasonal Dissolved Oxygen Salmonid Spawning Use Designations

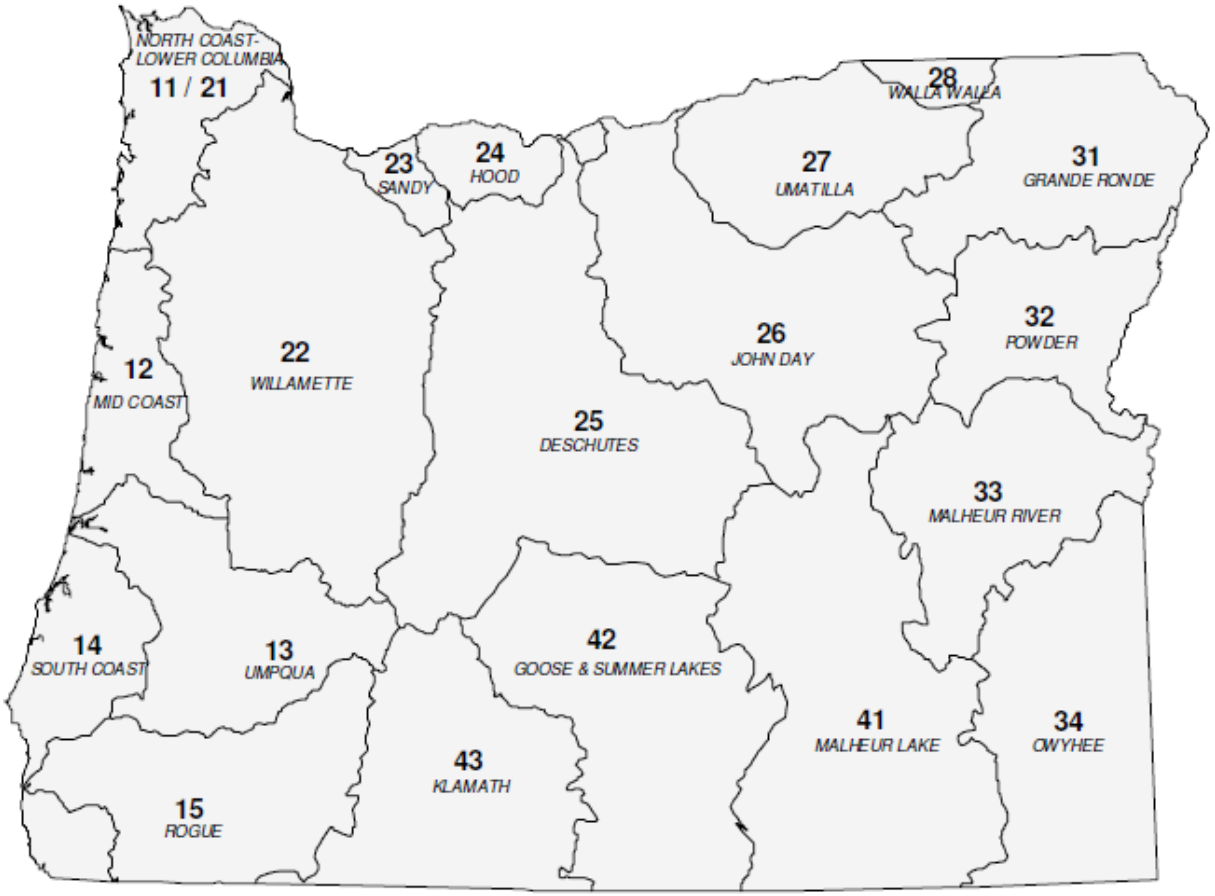
Rogue Basin, Oregon



State of Oregon Department of Environmental Quality

OAR 340-041-0286
Tables and Figures

Figure 1: Oregon Basin Index Map



Basin Name	Basin #	OAR #
DESCHUTES	25	340-041-0130
GOOSE & SUMMER LKS	42	340-041-0140
GRANDE RONDE	31	340-041-0151
HOOD	24	340-041-0160
JOHN DAY	26	340-041-0170
KLAMATH	43	340-041-0180
MALHEUR LAKE	41	340-041-0190
MALHEUR RIVER	33	340-041-0201
MD COAST	12	340-041-0220
NORTH COAST-LWR COL	11-21	340-041-0230
OWYHEE	34	340-041-0250
POWDER	32	340-041-0260
ROGUE	15	340-041-0271
SANDY	23	340-041-0286
SOUTH COAST	14	340-041-0300
UMATILLA	27	340-041-0310
UMPQUA	13	340-041-0320
WALLA WALLA	28	340-041-0330
WILLAMETTE	22	340-041-0340

OAR 340-041-0286
Table 286A
Designated Beneficial Uses
Sandy Basin

Beneficial Uses	Streams Forming Waterfalls Near Columbia River Highway	Sandy River	Bull Run River and all Tributaries	All Other Tributaries to Sandy River
Public Domestic Water Supply[1]		X	X	X
Private Domestic Water Supply[1]		X		X
Industrial Water Supply		X		X
Irrigation		X		X
Livestock Watering		X		X
Fish & Aquatic Life[2]	X	X	X	X
Wildlife & Hunting	X	X		X
Fishing	X	X		X
Boating		X		X
Water Contact Recreation	X	X		X
Aesthetic Quality	X	X	X	X
Hydro Power		X	X	X
Commercial Navigation & Transportation				

[1] With adequate pretreatment (filtration & disinfection) and natural quality to meet drinking water standards.
[2] See also Figures 286A~~, and~~ 286B, 286C, and 286D for fish use designations for this basin.

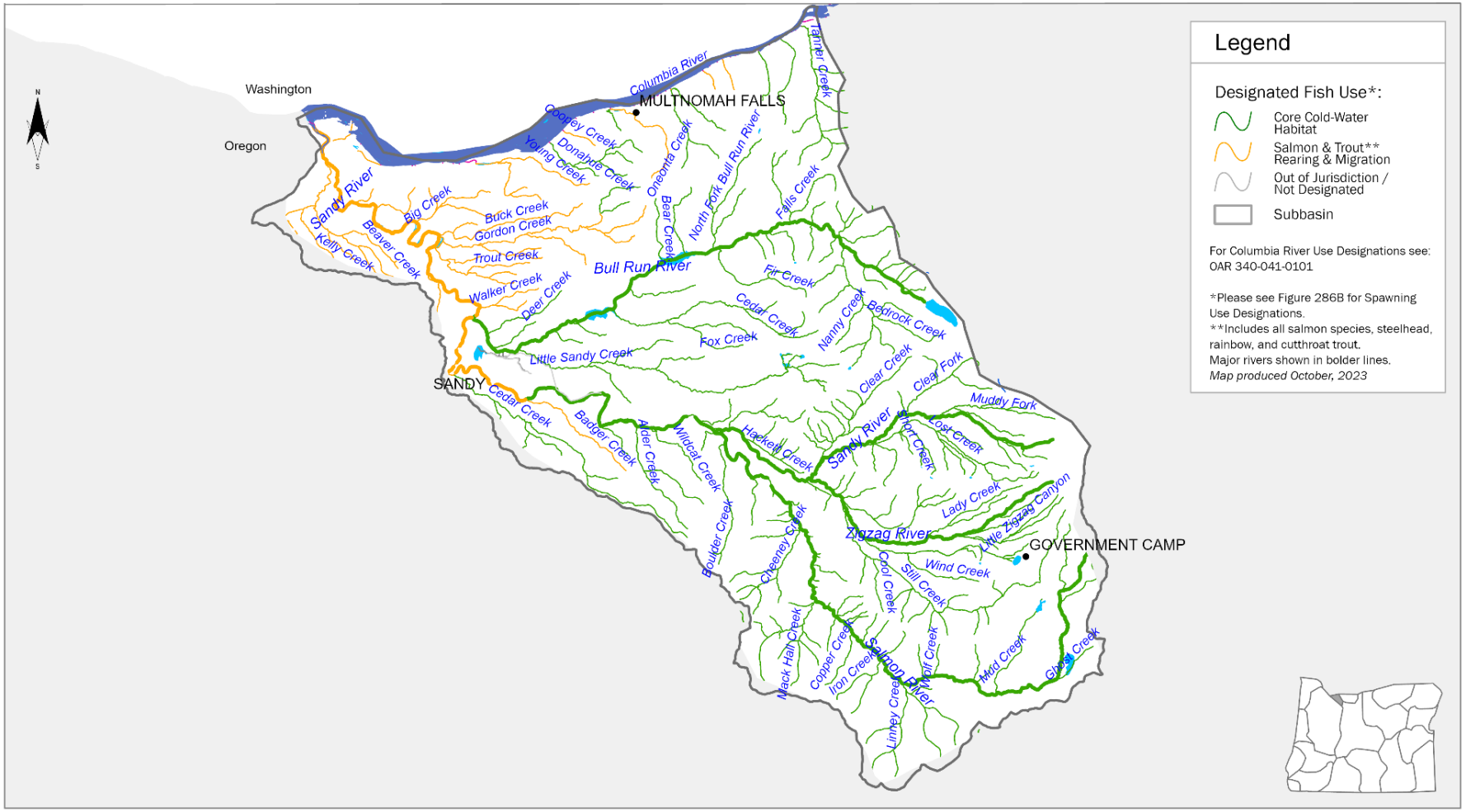
NOTE: DEQ proposes to replace Figures 286A and 286B dated November 2003 with the Figures 286A and 286B dated October 2023 shown below. Figures 286C and 286D dated October 2023 are proposed to be added. The 2003 Figures may be viewed at this link: Oregon Secretary of State Administrative Rules.

State of Oregon Department of Environmental Quality

OAR 340-041-0286 – Figure 286A

Year-Round Temperature Fish Use Designations

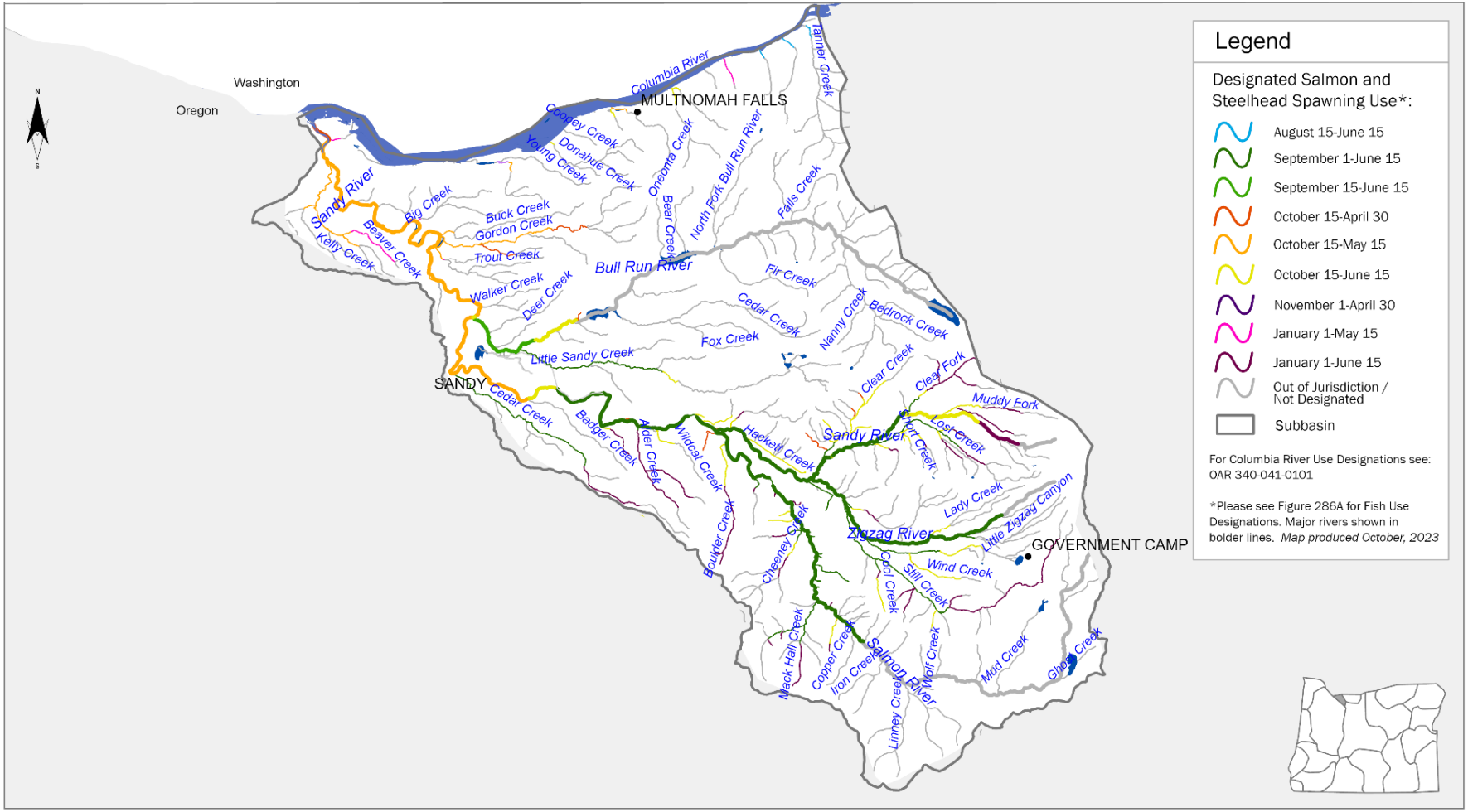
Sandy Basin, Oregon



State of Oregon Department of Environmental Quality

OAR 340-041-0286 – Figure 286B

Seasonal Salmon and Steelhead Spawning Use Designations
Sandy Basin, Oregon

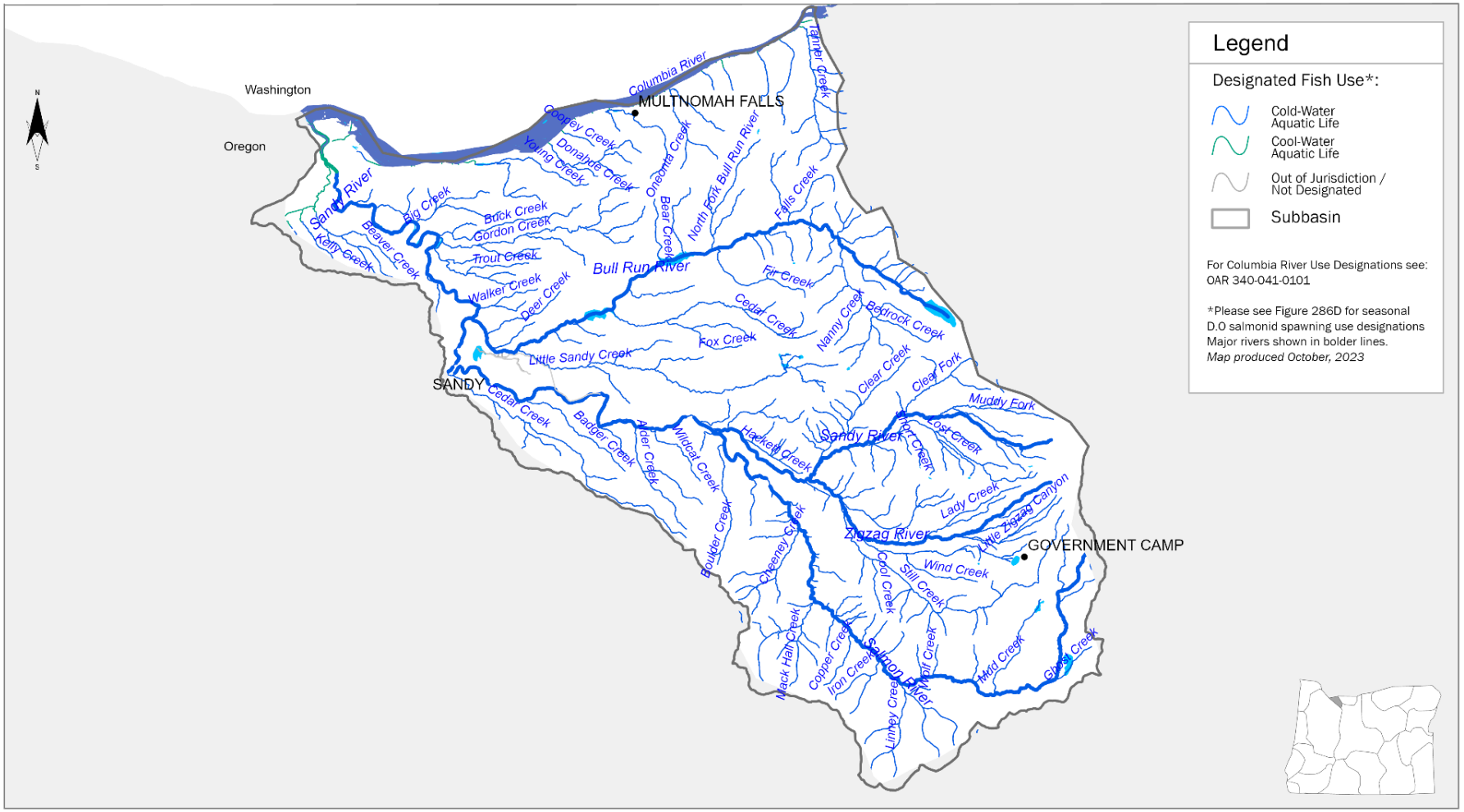


State of Oregon Department of Environmental Quality

OAR 340-041-0286 – Figure 286C

Year-Round Dissolved Oxygen Fish Use Designations

Sandy Basin, Oregon

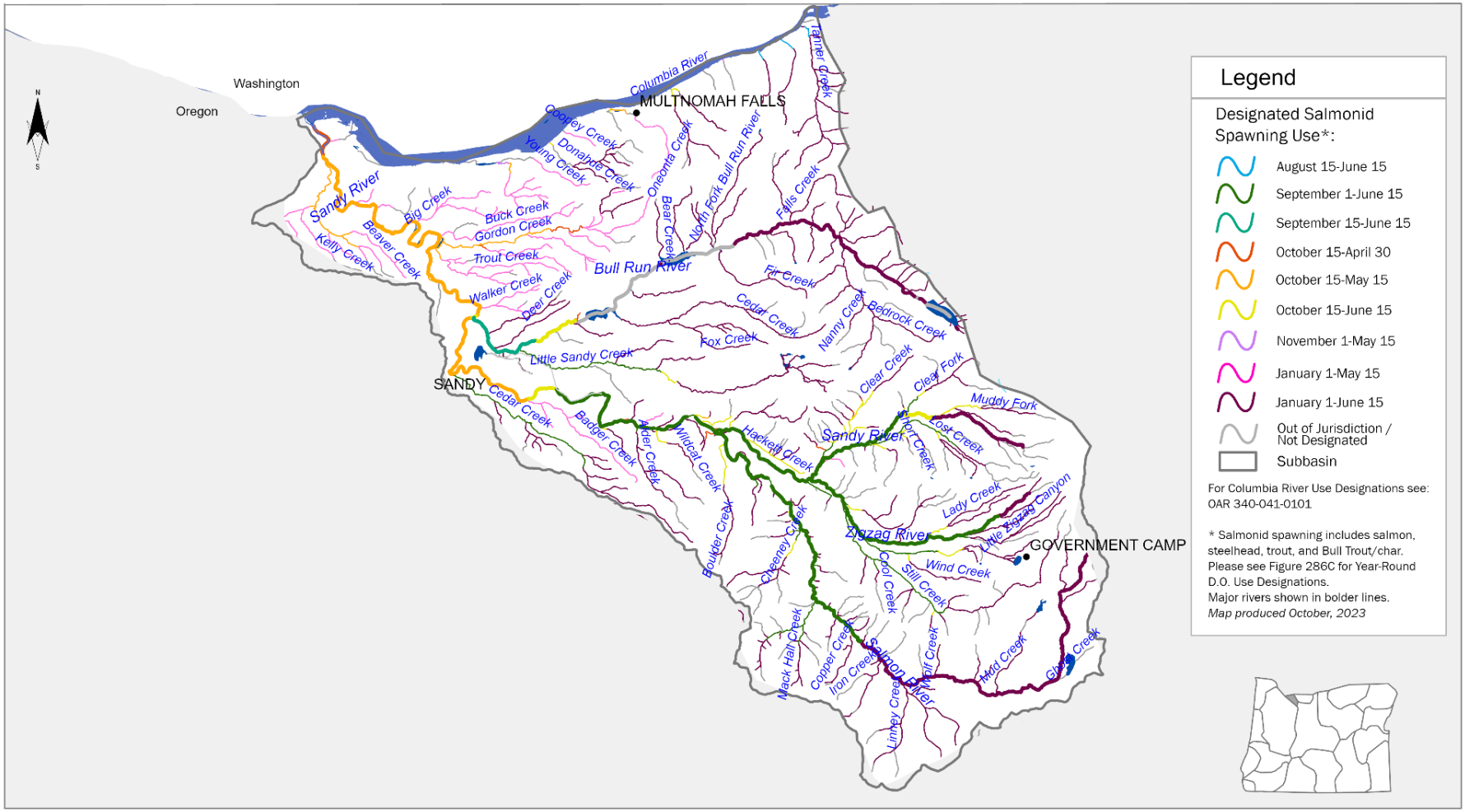


State of Oregon Department of Environmental Quality

OAR 340-041-0286 – Figure 286D

Seasonal Dissolved Oxygen Salmonid Spawning Use Designations

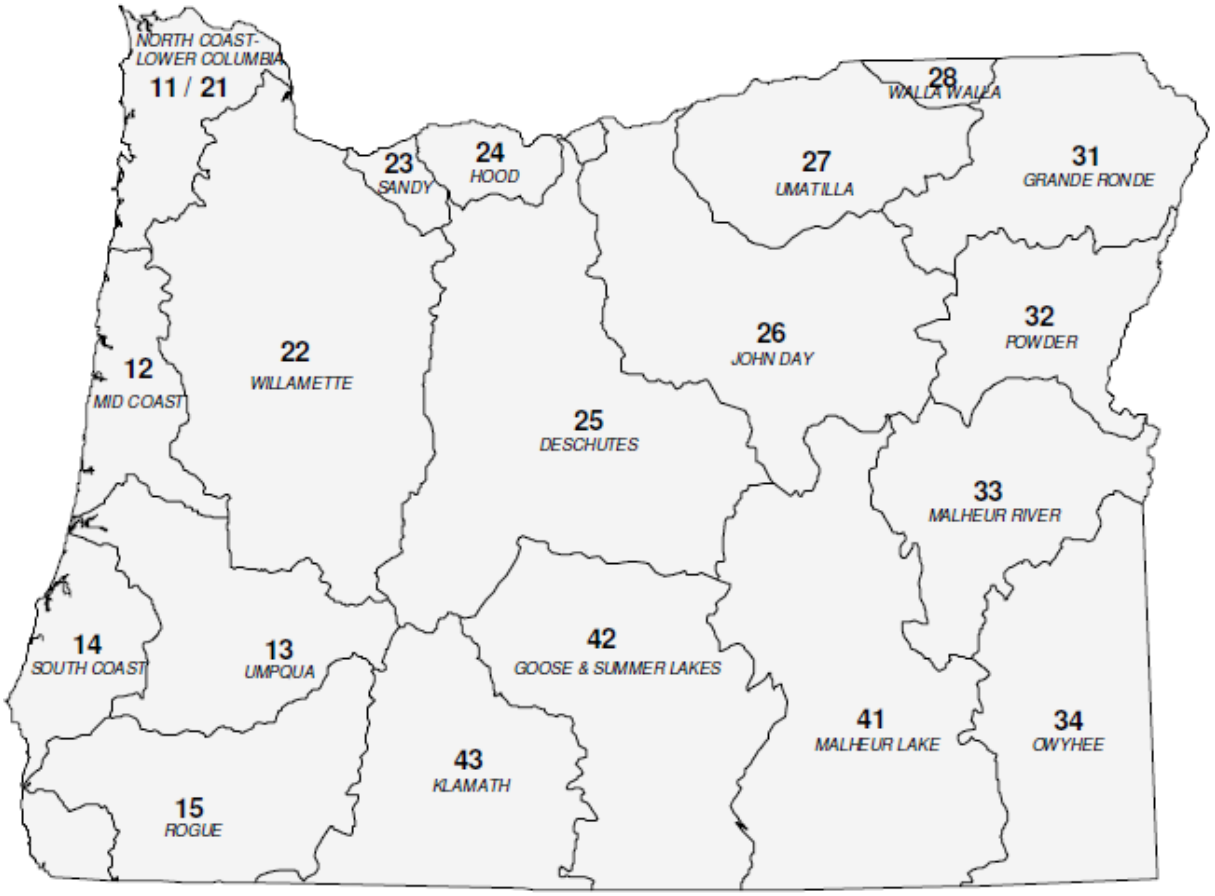
Sandy Basin, Oregon



State of Oregon Department of Environmental Quality

OAR 340-041-0300
Tables and Figures

Figure 1: Oregon Basin Index Map



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ROGUE	15	340-041-0271
SANDY	23	340-041-0286
SOUTH COAST	14	340-041-0300
UMATILLA	27	340-041-0310
UMPQUA	13	340-041-0320
WALLA WALLA	28	340-041-0330
WILLAMETTE	22	340-041-0340

340-041-0300
Table 300A
Designated Beneficial Uses
South Coast Basin
(November 2003)

Beneficial Uses	Estuaries & Adjacent Marine Waters	All Streams & Tributaries Thereto
Public Domestic Water Supply[1]		X
Private Domestic Water Supply[1]		X
Industrial Water Supply	X	X
Irrigation		X
Livestock Watering		X
Fish & Aquatic Life[2]	X	X
Wildlife & Hunting	X	X
Fishing[3]	X	X
Boating	X	X
Water Contact Recreation[3]	X	X
Aesthetic Quality	X	X
Hydro Power		X
Commercial Navigation & Transportation	X	

[1] With adequate pretreatment (filtration & disinfection) and natural quality to meet drinking water standards.

[2] See also Figures 300A, 300B, 300E, and 300F for fish use designations for this basin.

[3] For coastal water contact recreation and shellfish harvesting uses, see also Figures 300C (Coos Bay) and 300D (Coquille River Estuary).

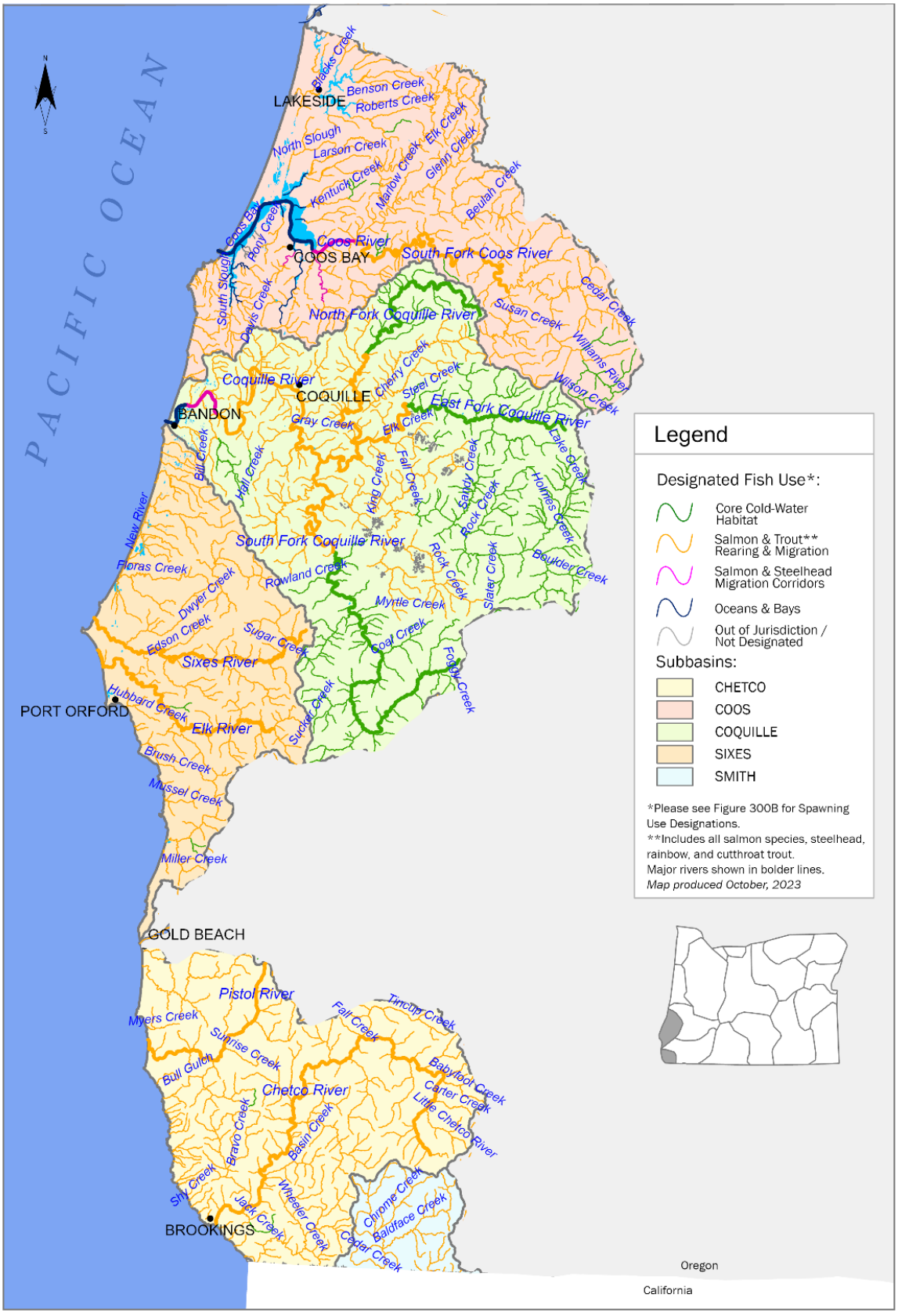
NOTE: DEQ proposes to replace Figures 300A and 300B dated November 2003 with the Figures 300A and 300B dated October 2023 shown below. Figures 300E and 300F dated October 2023 are proposed to be added. The 2003 Figures may be viewed at this link: Oregon Secretary of State Administrative Rules.

State of Oregon Department of Environmental Quality

OAR 340-041-0300 – Figure 300A

Year-Round Temperature Fish Use Designations

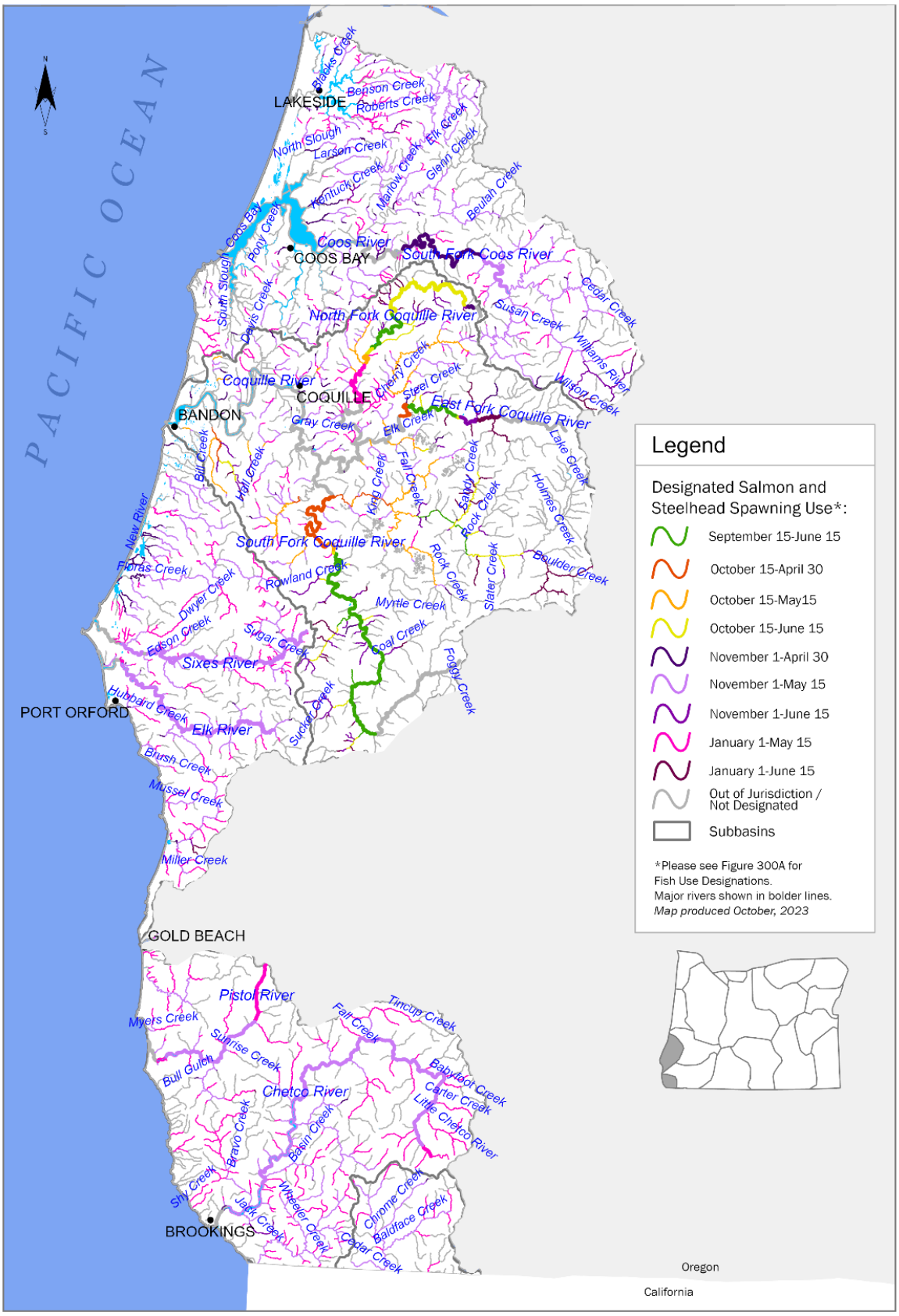
South Coast Basin, Oregon



State of Oregon Department of Environmental Quality

OAR 340-041-0300 – Figure 300B

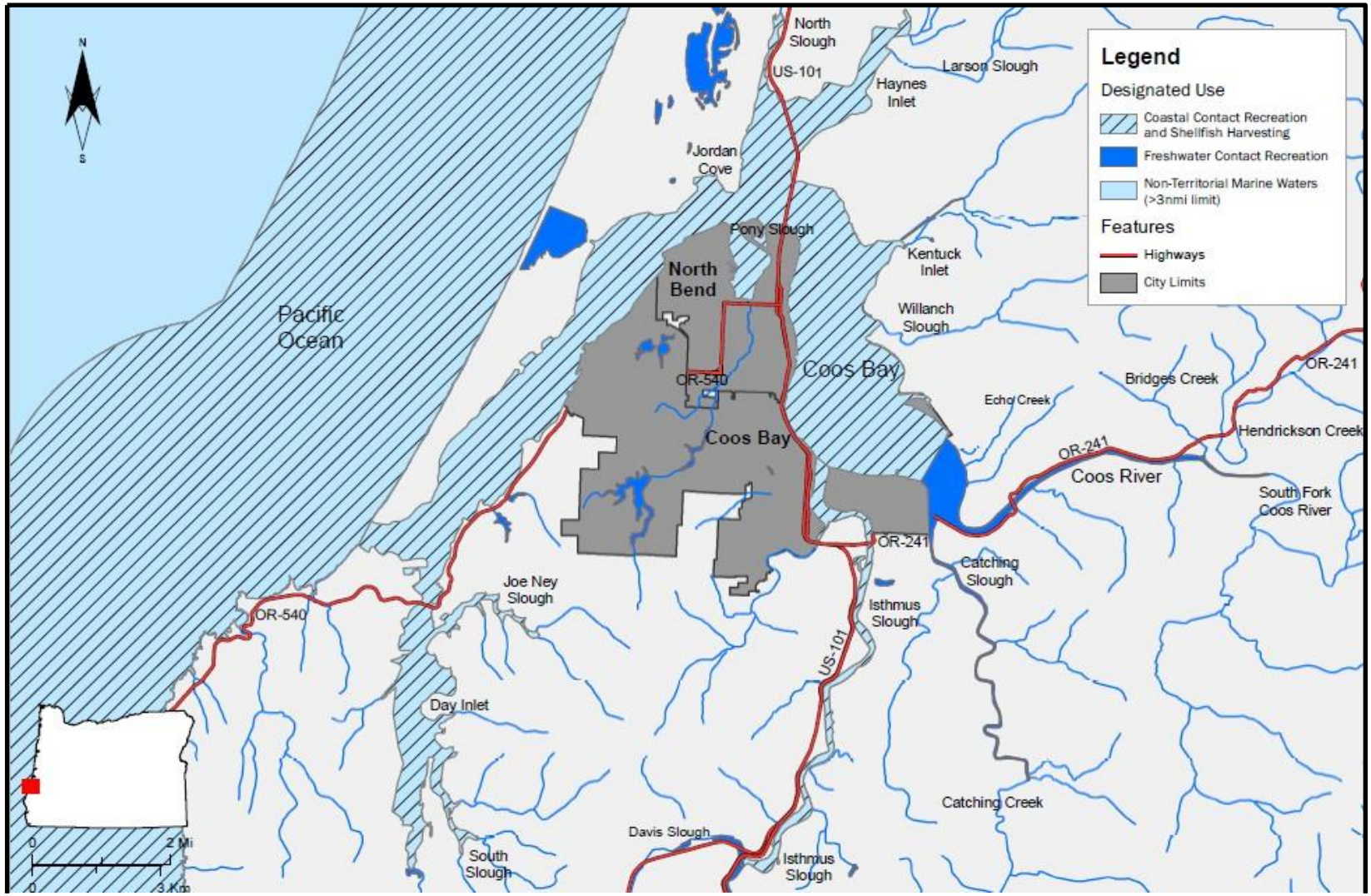
Seasonal Salmon and Steelhead Spawning Use Designations
South Coast Basin, Oregon



State of Oregon Department of Environmental Quality

OAR 340-041-0300 – Figure 300C

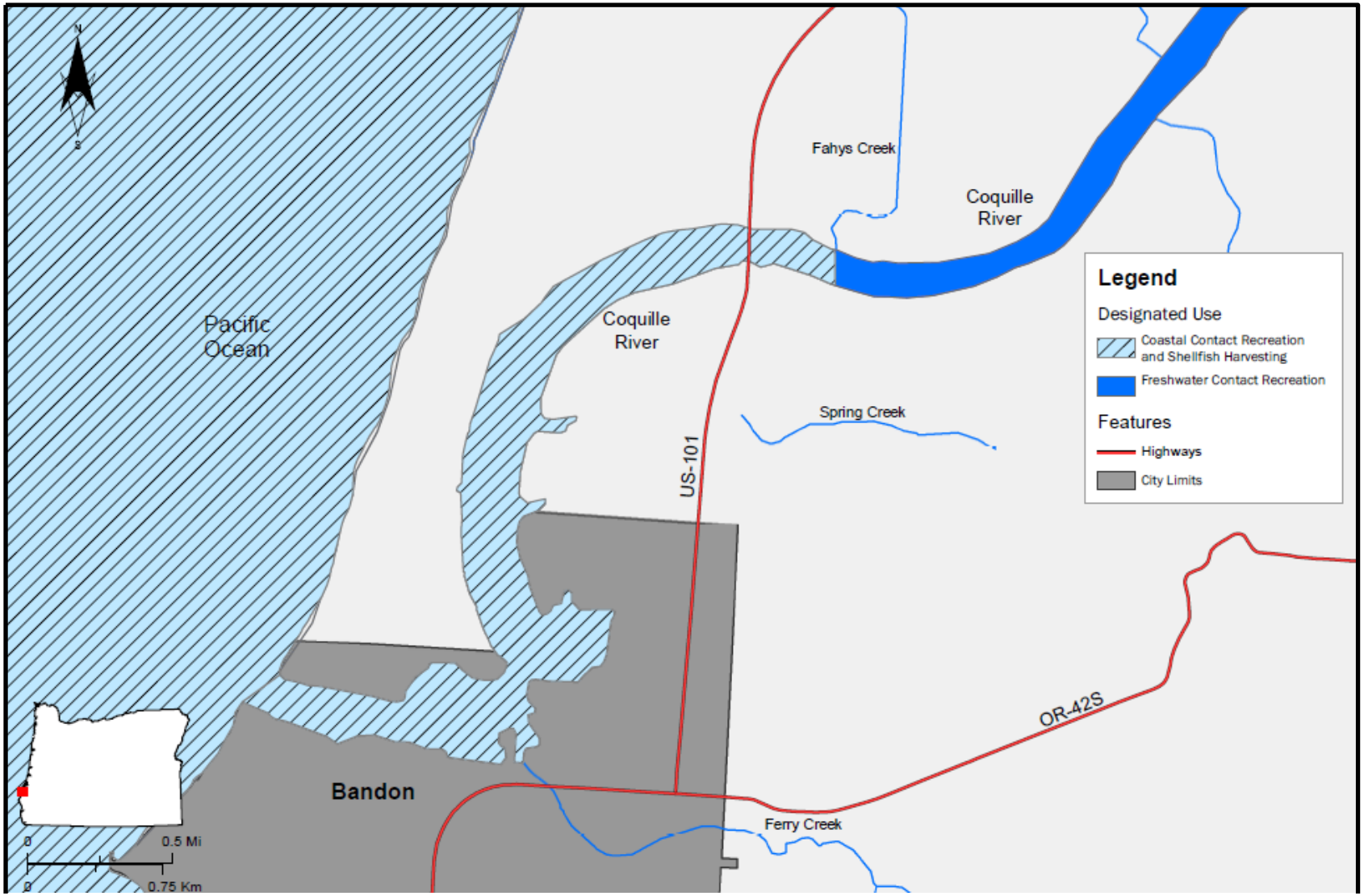
Water Contact Recreation and Shellfish Harvesting Designated Uses
Coos Bay, South Coast Basin, Oregon



State of Oregon Department of Environmental Quality

OAR 340-041-0300 – Figure 300D

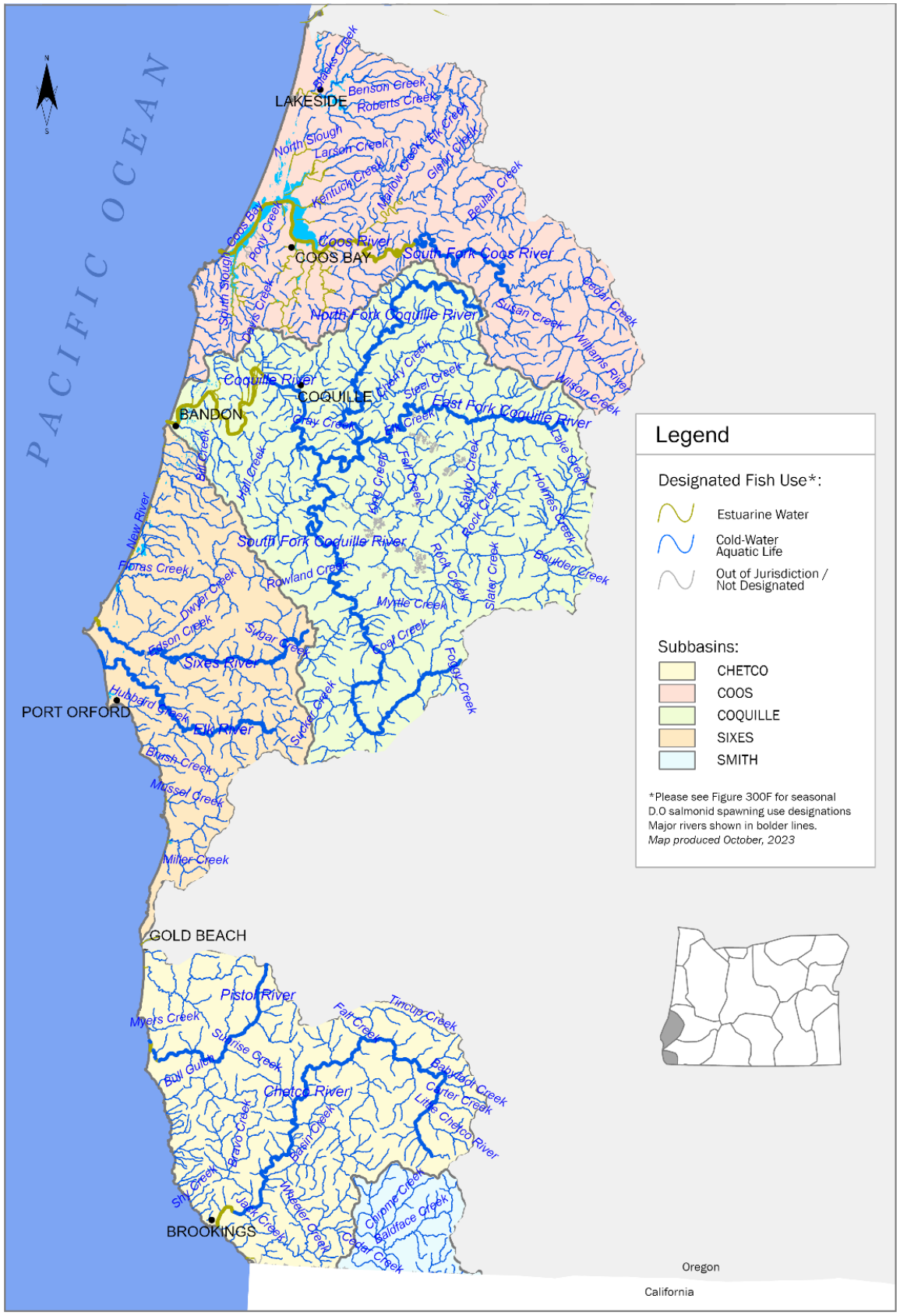
Water Contact Recreation and Shellfish Harvesting Designated Uses
Coquille River, South Coast Basin, Oregon



State of Oregon Department of Environmental Quality

OAR 340-041-0300 – Figure 300E

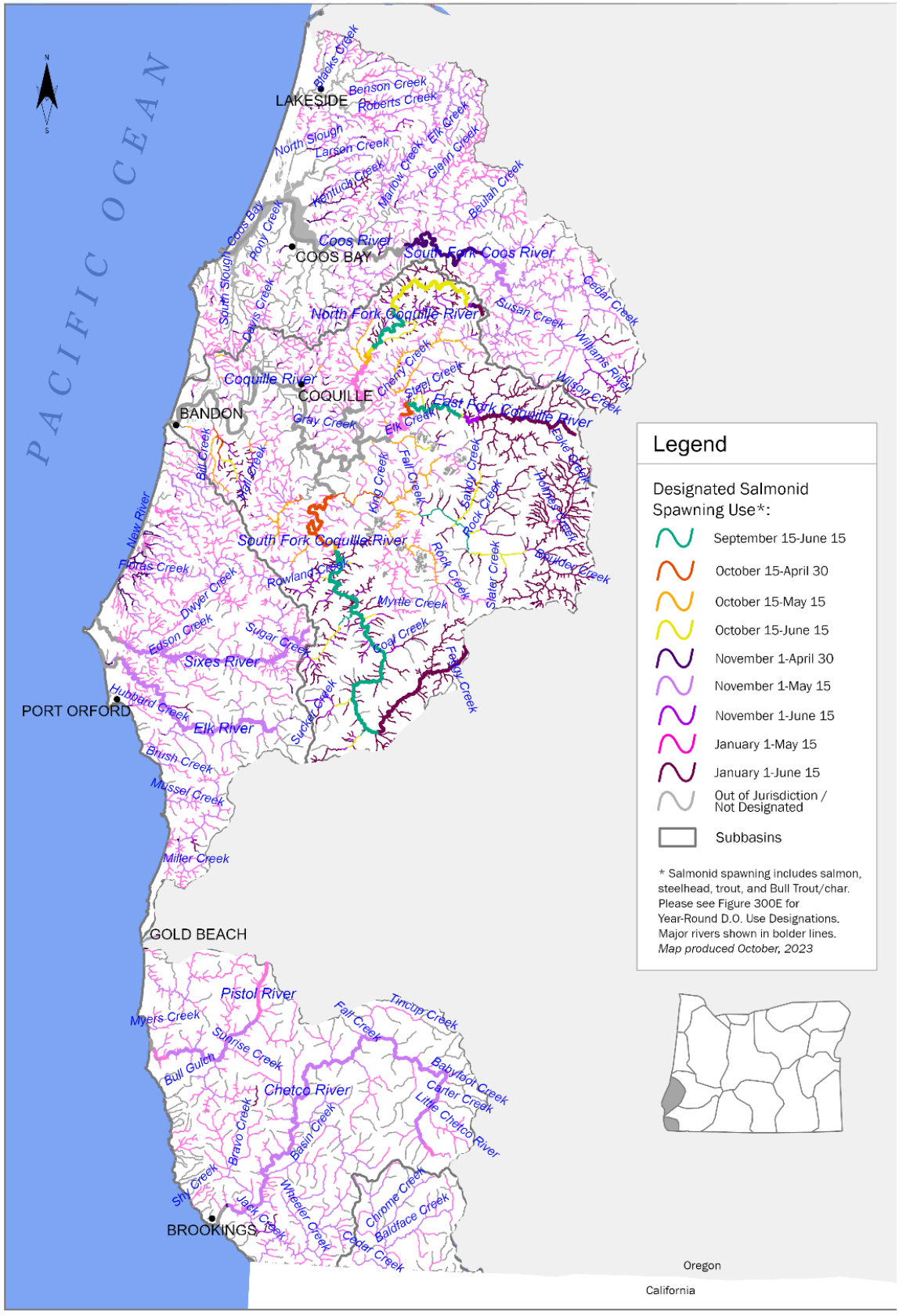
Year-Round Dissolved Oxygen Fish Use Designations
South Coast Basin, Oregon



State of Oregon Department of Environmental Quality

OAR 340-041-0300 – Figure 300F

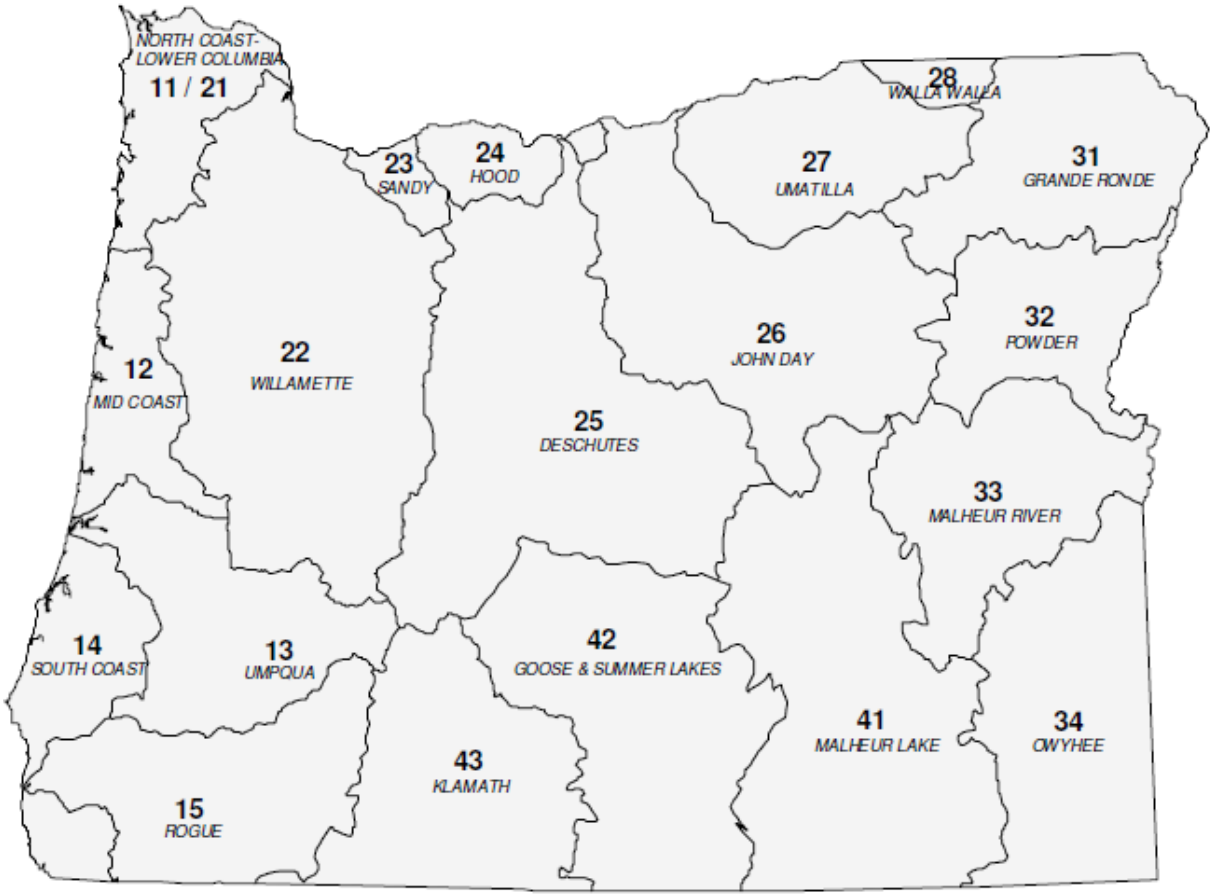
Seasonal Dissolved Oxygen Salmonid Spawning Use Designations
South Coast Basin, Oregon



State of Oregon Department of Environmental Quality

OAR 340-041-0310
Tables and Figures

Figure 1: Oregon Basin Index Map



Basin Name	Basin #	OAR #
DESCHUTES	25	340-041-0130
GOOSE & SUMMER LKS	42	340-041-0140
GRANDE RONDE	31	340-041-0151
HOOD	24	340-041-0160
JOHN DAY	26	340-041-0170
KLAMATH	43	340-041-0180
MALHEUR LAKE	41	340-041-0190
MALHEUR RIVER	33	340-041-0201
MD COAST	12	340-041-0220
NORTH COAST-LWR COL	11-21	340-041-0230
OWYHEE	34	340-041-0250
POWDER	32	340-041-0260
ROGUE	15	340-041-0271
SANDY	23	340-041-0286
SOUTH COAST	14	340-041-0300
UMATILLA	27	340-041-0310
UMPQUA	13	340-041-0320
WALLA WALLA	28	340-041-0330
WILLAMETTE	22	340-041-0340

NOTE: DEQ proposes to replace Figures 310A and 310B dated November 2003 with the Figures 310A and 310B dated October 2023 shown below. Figures 310C and 310D dated October 2023 are proposed to be added. The 2003 Figures may be viewed at this link: Oregon Secretary of State Administrative Rules.

OAR 340-041-0310
Table 310A
Designated Beneficial Uses
Umatilla Basin

Beneficial Uses	Umatilla Subbasin	Willow Creek Subbasin	West Division Main Canal – constructed channel[3]	West Division Main Canal – overflow channels[3]
Public Domestic Water Supply[1]	X	X		
Private Domestic Water Supply[1]	X	X		
Industrial Water Supply	X	X	X	X
Irrigation	X	X	X	X
Livestock Watering	X	X	X	X
Fish & Aquatic Life[2]	X	X		X
Wildlife & Hunting	X	X	X	X
Fishing	X	X		X
Boating	X	X (at mouth)		
Water Contact Recreation	X	X	X	X
Aesthetic Quality	X	X	X	X
Hydro Power	X	X	X	X
Commercial Navigation and Transportation				

[1]With adequate pretreatment (filtration & disinfection) and natural quality to meet drinking water standards.

[2]See also Figures 310A, ~~and~~ 310B, 310C, and 310D for fish use designations for this basin. Note: The fish & aquatic life use designations for the "constructed channel" segment of the West Division Main Canal in this table supersede Figure 310A, which incorrectly identifies Redband trout use in that portion of the canal.

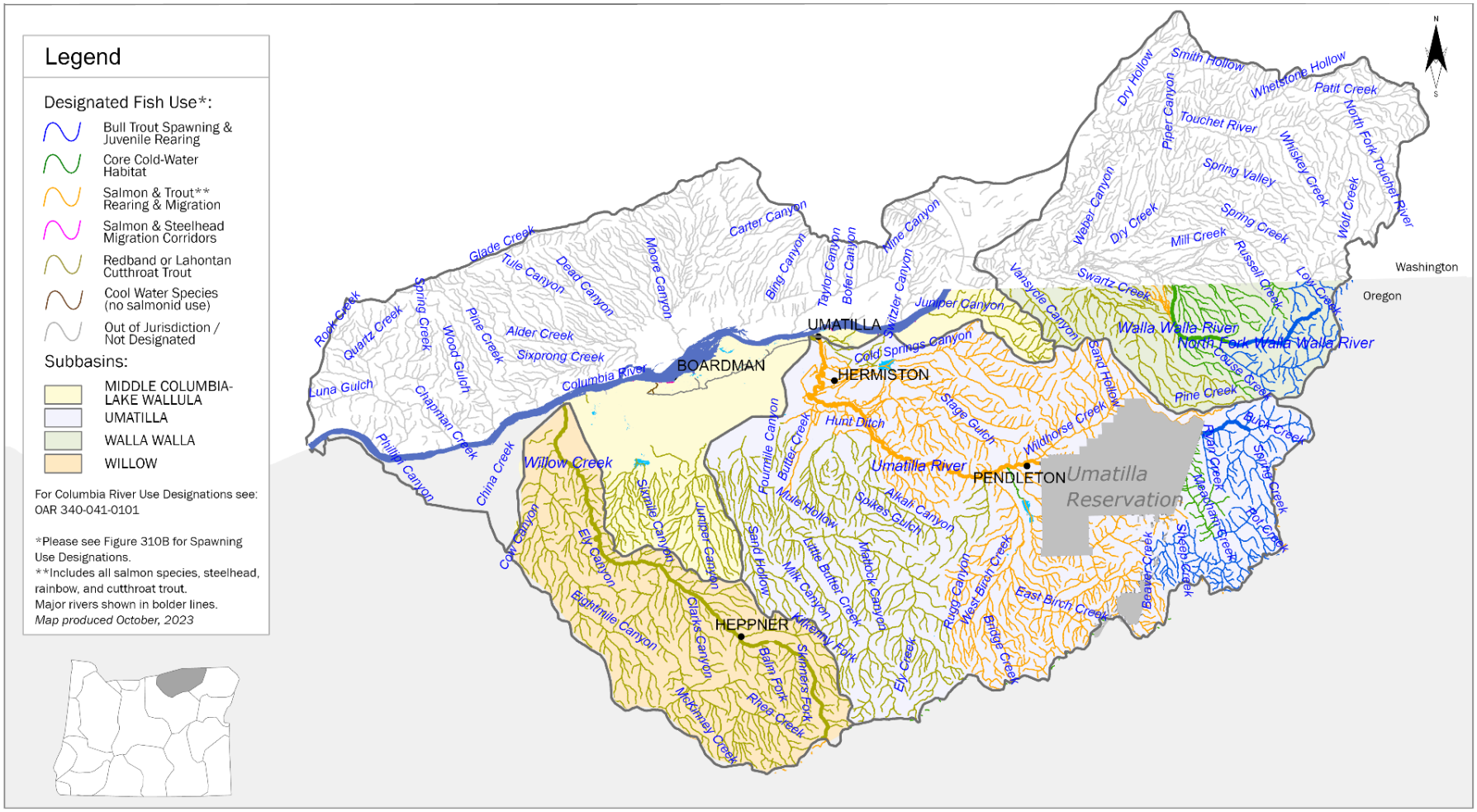
[3]The West Division Main Canal extends from the point of diversion from the Umatilla River to the confluence with the Columbia River. The canal consists of two segments. The constructed channel segment extends from the Umatilla River 27 miles down gradient to the flow control gate at the end of the concrete structure as it was originally built (concrete-lining was later added to parts of the overflow channels). The overflow channels segment extends from the lower end of the constructed channel to the outflow to the Columbia River.

State of Oregon Department of Environmental Quality

OAR 340-041-0310 – Figure 310A

Year-Round Temperature Fish Use Designations

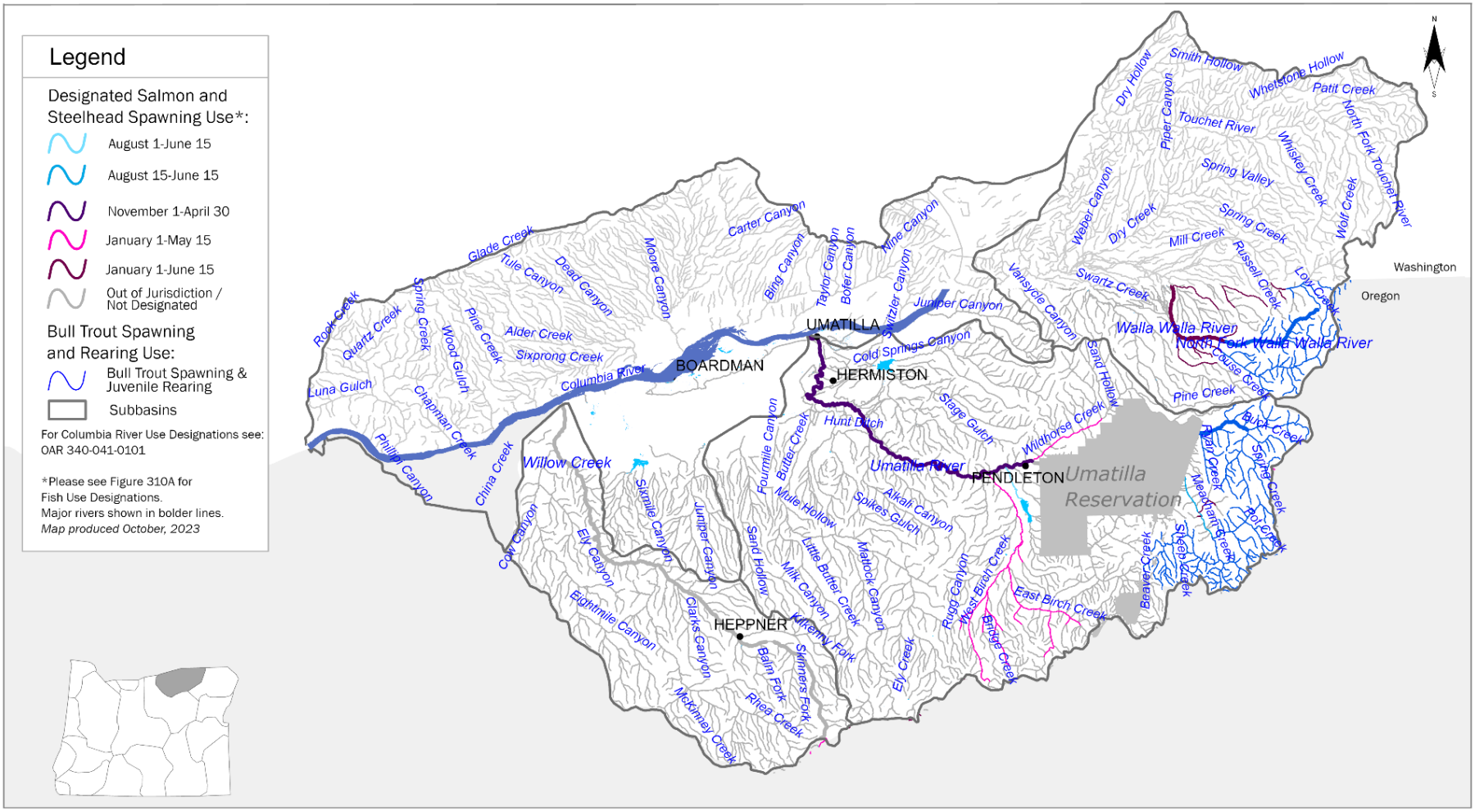
Umatilla and Walla Walla Basins, Oregon



State of Oregon Department of Environmental Quality

OAR 340-041-0310 – Figure 310B

Seasonal Salmon and Steelhead Spawning Use Designations
Umatilla and Walla Walla Basins, Oregon

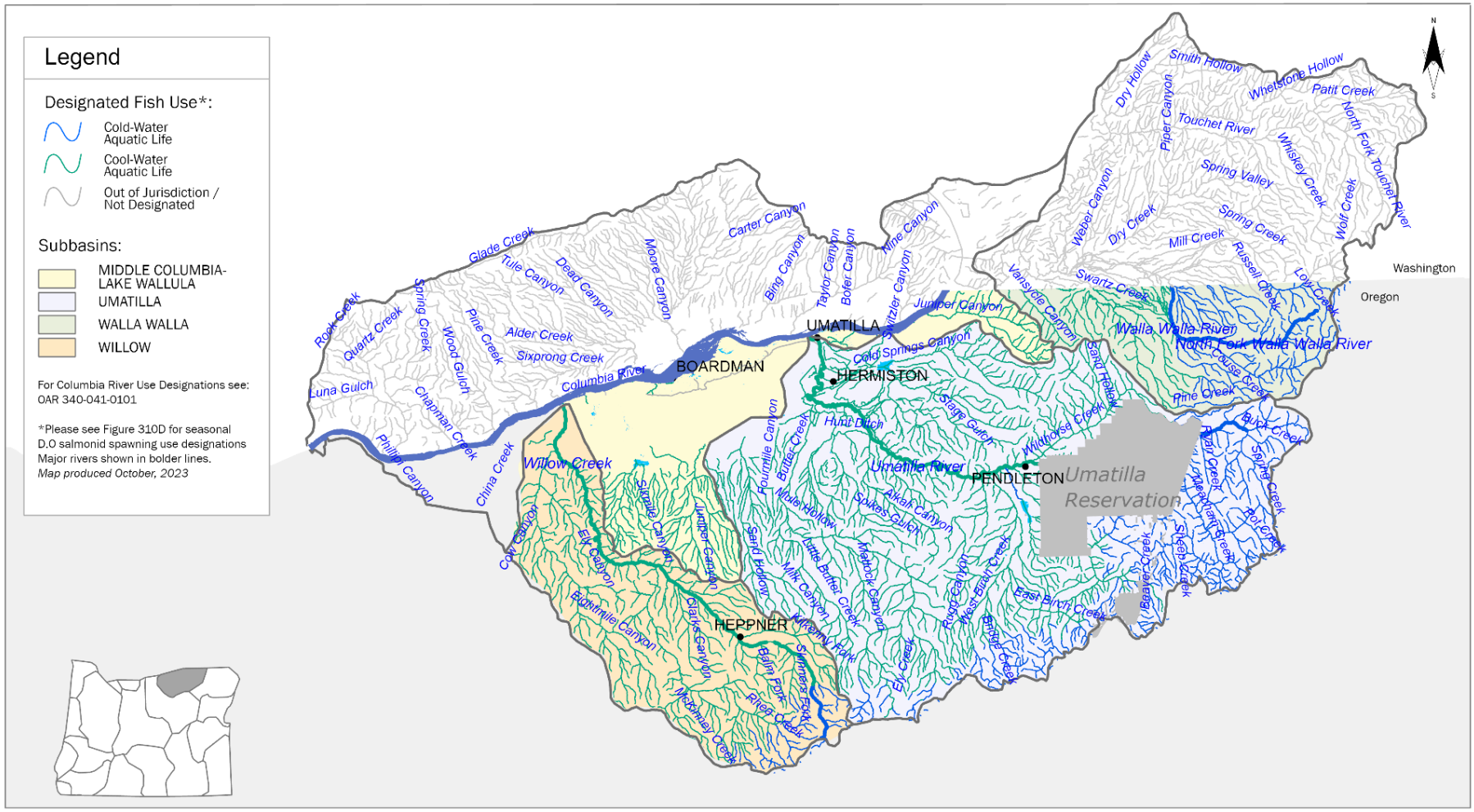


State of Oregon Department of Environmental Quality

OAR 340-041-0310 – Figure 310C

Year-Round Dissolved Oxygen Fish Use Designations

Umatilla and Walla Walla Basins, Oregon

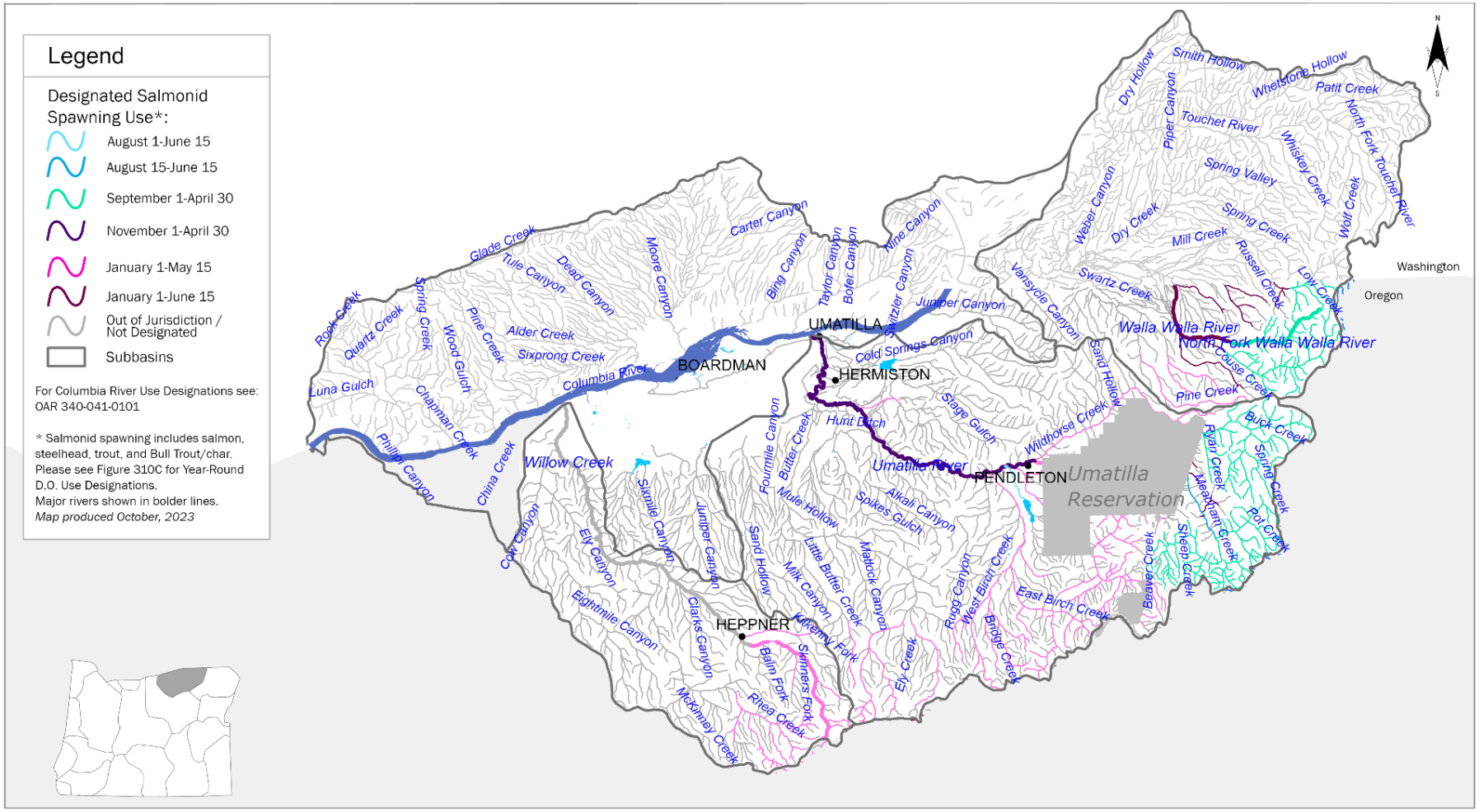


State of Oregon Department of Environmental Quality

OAR 340-041-0310 – Figure 310D

Seasonal Dissolved Oxygen Salmonid Spawning Use Designations

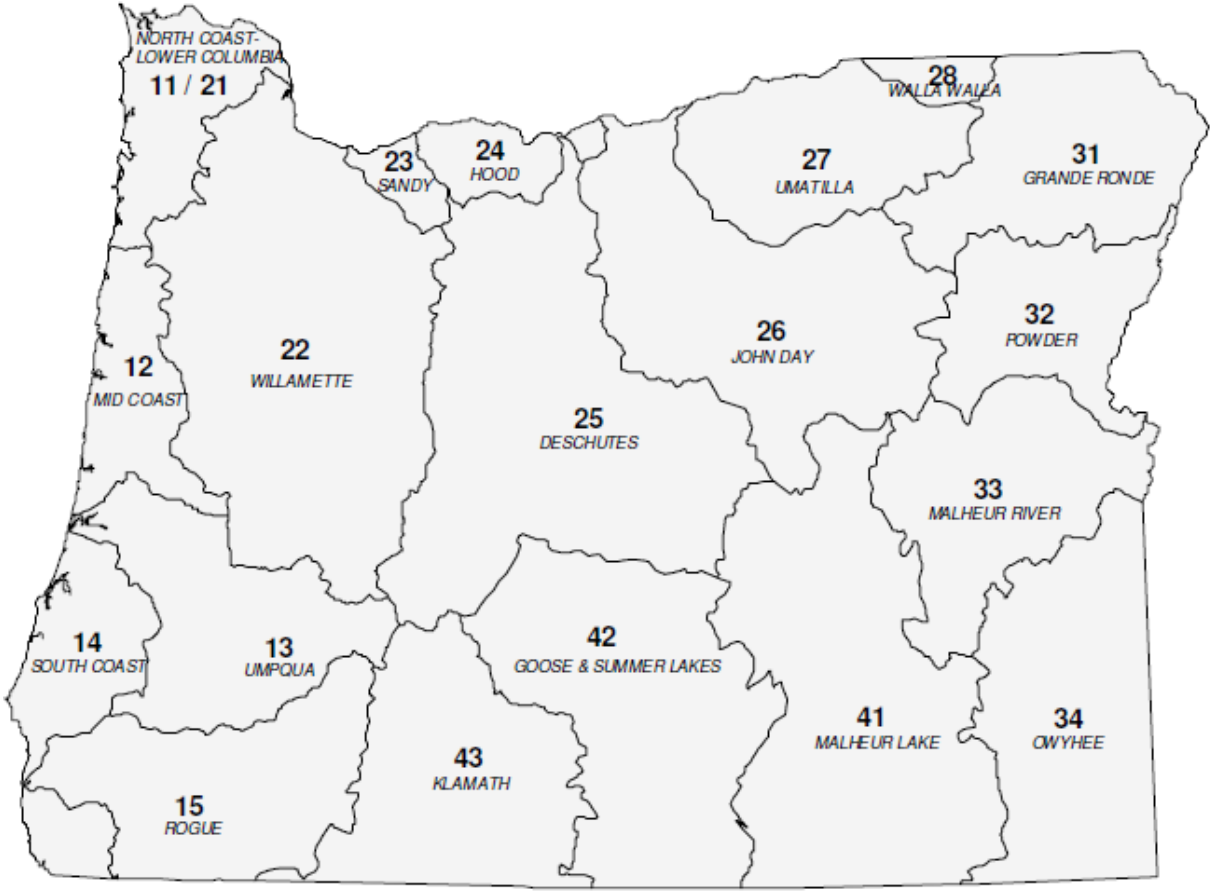
Umatilla and Walla Walla Basins, Oregon



State of Oregon Department of Environmental Quality

OAR 340-041-0320
Tables and Figures

Figure 1: Oregon Basin Index Map



Basin Name	Basin #	OAR #
DESCHUTES	25	340-041-0130
GOOSE & SUMMER LKS	42	340-041-0140
GRANDE RONDE	31	340-041-0151
HOOD	24	340-041-0160
JOHN DAY	26	340-041-0170
KLAMATH	43	340-041-0180
MALHEUR LAKE	41	340-041-0190
MALHEUR RIVER	33	340-041-0201
MD COAST	12	340-041-0220
NORTH COAST-LWR COL	11-21	340-041-0230
OWYHEE	34	340-041-0250
POWDER	32	340-041-0260
ROGUE	15	340-041-0271
SANDY	23	340-041-0286
SOUTH COAST	14	340-041-0300
UMATILLA	27	340-041-0310
UMPQUA	13	340-041-0320
WALLA WALLA	28	340-041-0330
WILLAMETTE	22	340-041-0340

OAR 340-041-0320
Table 320A
Designated Beneficial Uses
Umpqua Basin
(November 2003)

Beneficial Uses	Umpqua R. Estuary to Head of Tidewater and Adjacent Marine Waters	Umpqua R. Main from Head of Tidewater to Confluence of N. and S. Umpqua Rivers	North Umpqua River Main Stem	South Umpqua River Main Stem	All Other Tributaries to Umpqua, North and South Umpqua Rivers
Public Domestic Water Supply[1]		X	X	X	X
Private Domestic Water Supply[1]		X	X	X	X
Industrial Water Supply	X	X	X	X	X
Irrigation		X	X	X	X
Livestock Watering		X	X	X	X
Fish & Aquatic Life[2]	X	X	X	X	X
Wildlife & Hunting	X	X	X	X	X
Fishing	X[3]	X	X	X	X
Boating	X	X	X	X	X
Water Contact Recreation	X[3]	X	X	X	X
Aesthetic Quality	X	X	X	X	X
Hydro Power			X	X	X
Commercial Navigation & Transportation	X				

[1] With adequate pretreatment (filtration and disinfection) and natural quality to meet drinking water standards.

[2] See also Figures 320A, ~~and~~ 320B, 320D and 320E for fish use designations for this basin.

[3] For coastal water contact recreation and shellfish harvesting uses in the Umpqua River Estuary and Adjacent Marine Waters, see also Figure 320C.

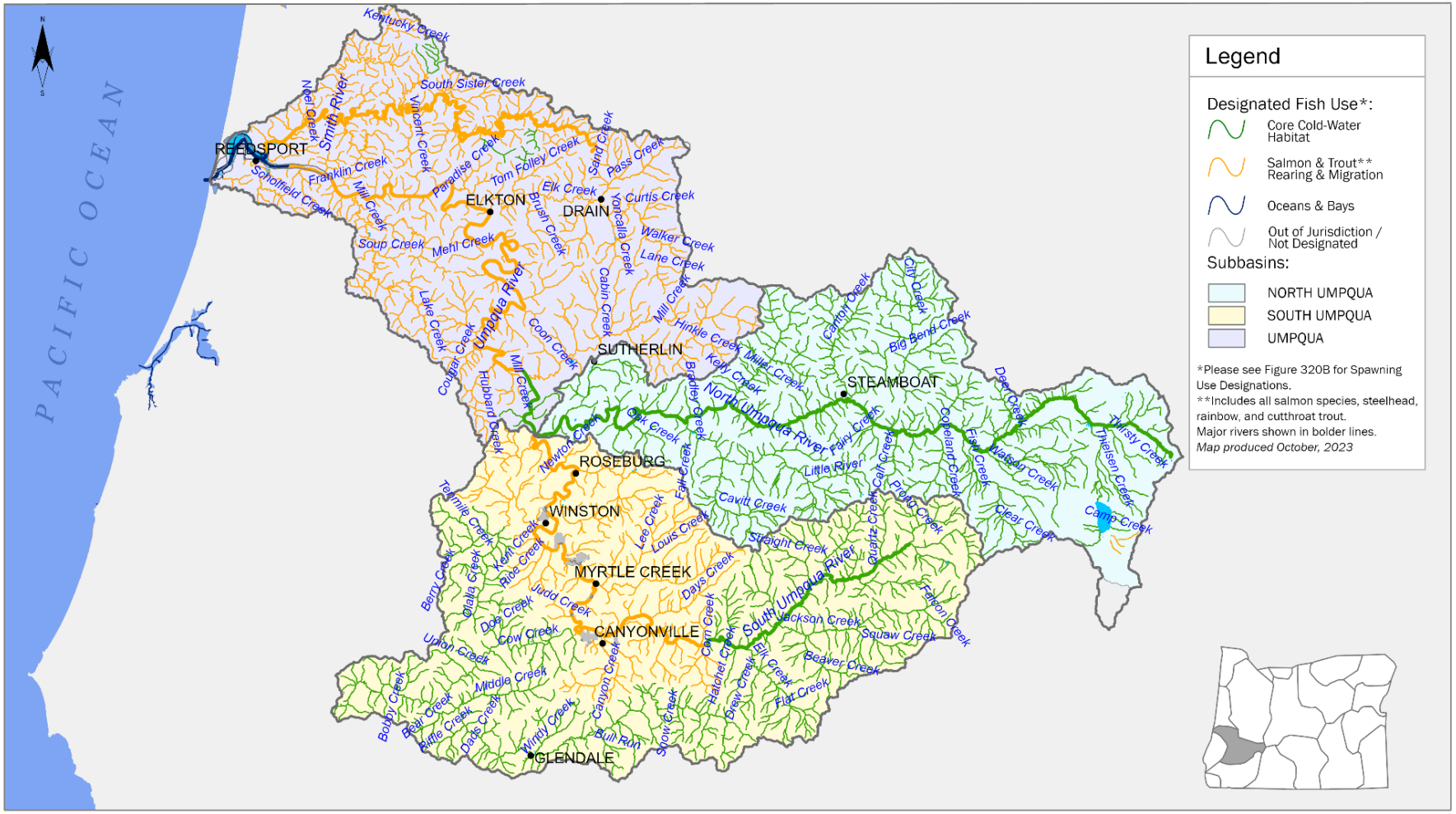
NOTE: DEQ proposes to replace Figures 320A and 320B dated November 2003 with the Figures 320A and 320B dated October 2023 shown below. Figures 320D and 320E dated October 2023 are proposed to be added. The 2003 Figures may be viewed at this link: Oregon Secretary of State Administrative Rules.

State of Oregon Department of Environmental Quality

OAR 340-041-0320 – Figure 320A

Year-Round Temperature Fish Use Designations

Umpqua Basin, Oregon

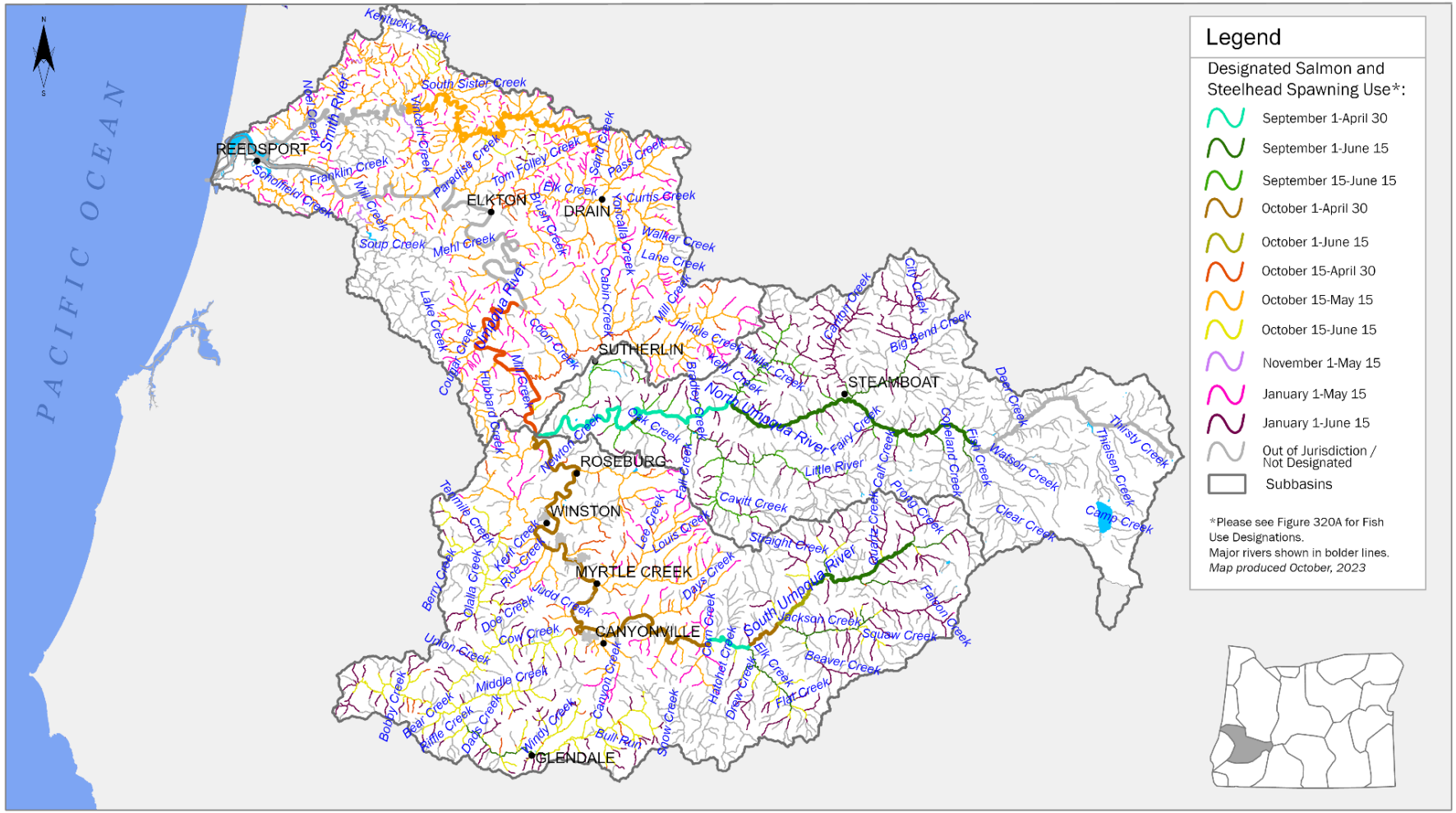


State of Oregon Department of Environmental Quality

OAR 340-041-0320 – Figure 320B

Seasonal Salmon and Steelhead Spawning Use Designations

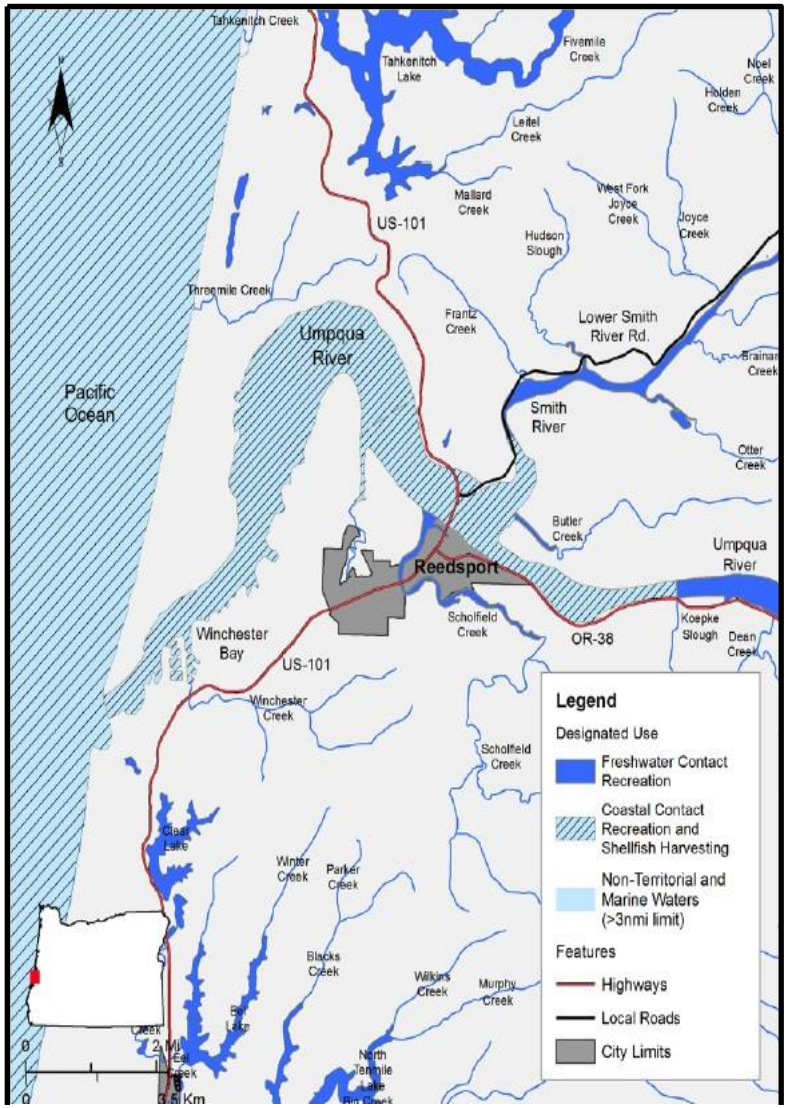
Umpqua Basin, Oregon



State of Oregon Department of Environmental Quality

OAR 340-041-0320 – Figure 320C

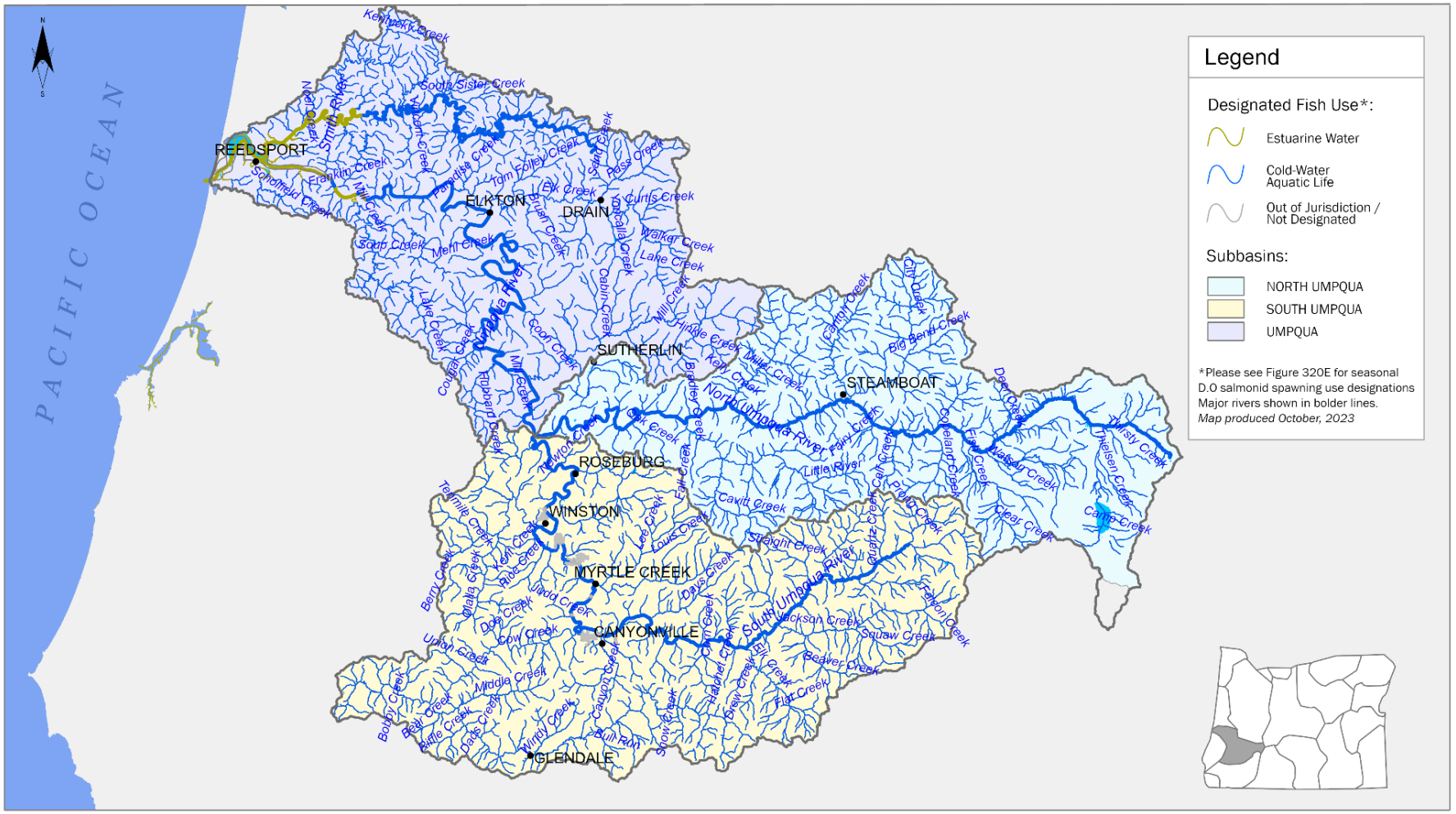
Water Contact Recreation and Shellfish Harvesting Designated Uses Umpqua Basin, Oregon



State of Oregon Department of Environmental Quality

OAR 340-041-0320 – Figure 320D

Year-Round Dissolved Oxygen Fish Use Designations
Umpqua Basin, Oregon

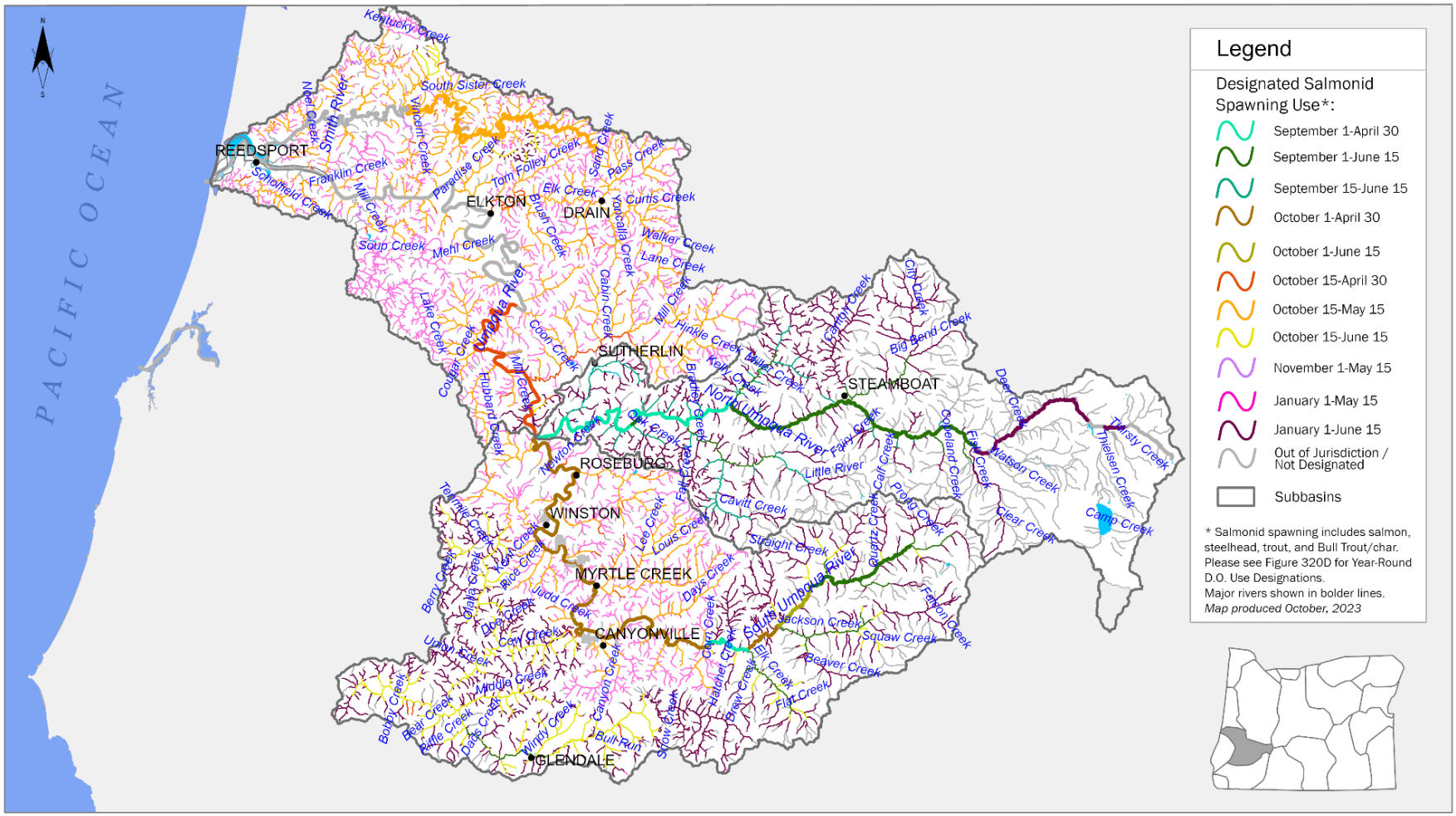


State of Oregon Department of Environmental Quality

OAR 340-041-0320 – Figure 320E

Seasonal Dissolved Oxygen Salmonid Spawning Use Designations

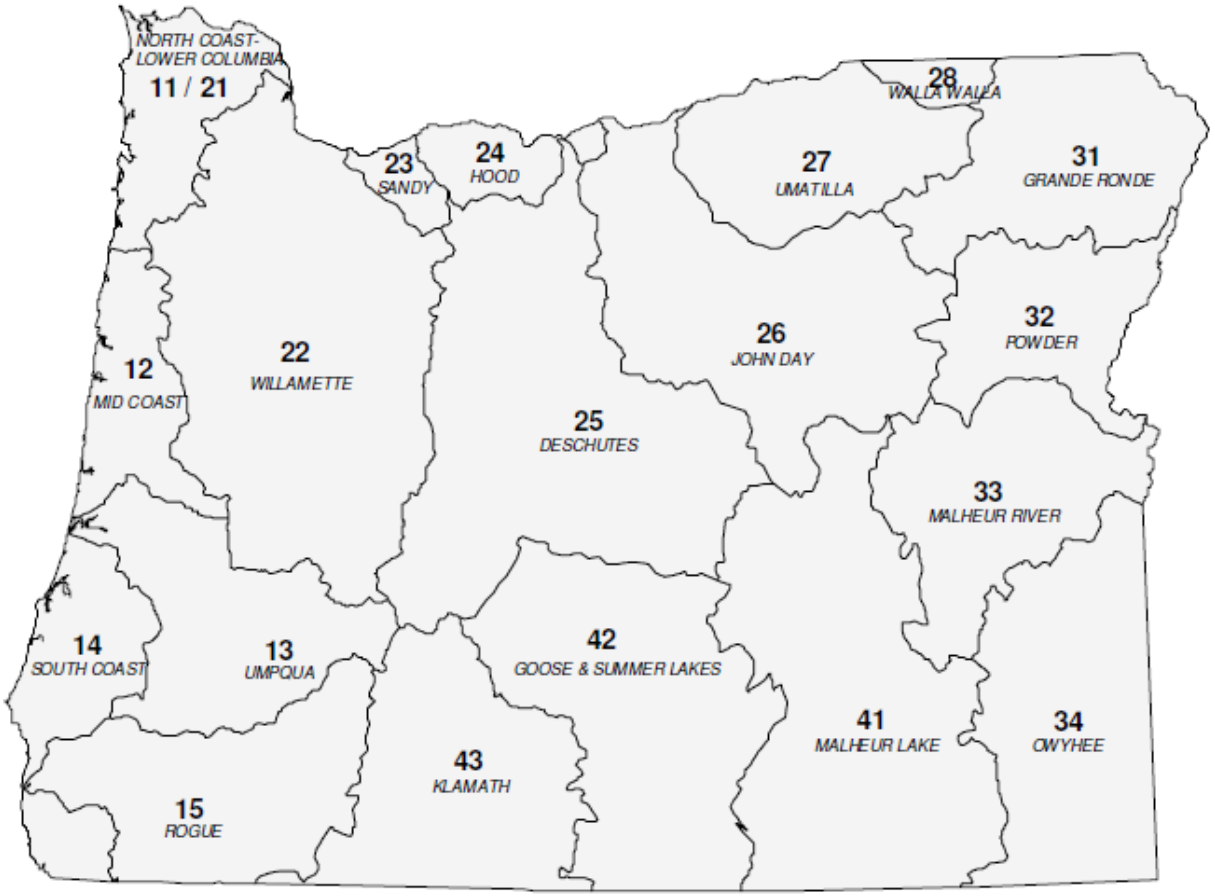
Umpqua Basin, Oregon



State of Oregon Department of Environmental Quality

OAR 340-041-0330
Tables and Figures

Figure 1: Oregon Basin Index Map



Basin Name	Basin #	OAR #
DESCHUTES	25	340-041-0130
GOOSE & SUMMER LKS	42	340-041-0140
GRANDE RONDE	31	340-041-0151
HOOD	24	340-041-0160
JOHN DAY	26	340-041-0170
KLAMATH	43	340-041-0180
MALHEUR LAKE	41	340-041-0190
MALHEUR RIVER	33	340-041-0201
MD COAST	12	340-041-0220
NORTH COAST-LWR COL	11-21	340-041-0230
OWYHEE	34	340-041-0250
POWDER	32	340-041-0260
ROGUE	15	340-041-0271
SANDY	23	340-041-0286
SOUTH COAST	14	340-041-0300
UMATILLA	27	340-041-0310
UMPQUA	13	340-041-0320
WALLA WALLA	28	340-041-0330
WILLAMETTE	22	340-041-0340

OAR 340-041-0330
Table 330A
Designated Beneficial Uses
Walla Walla Basin

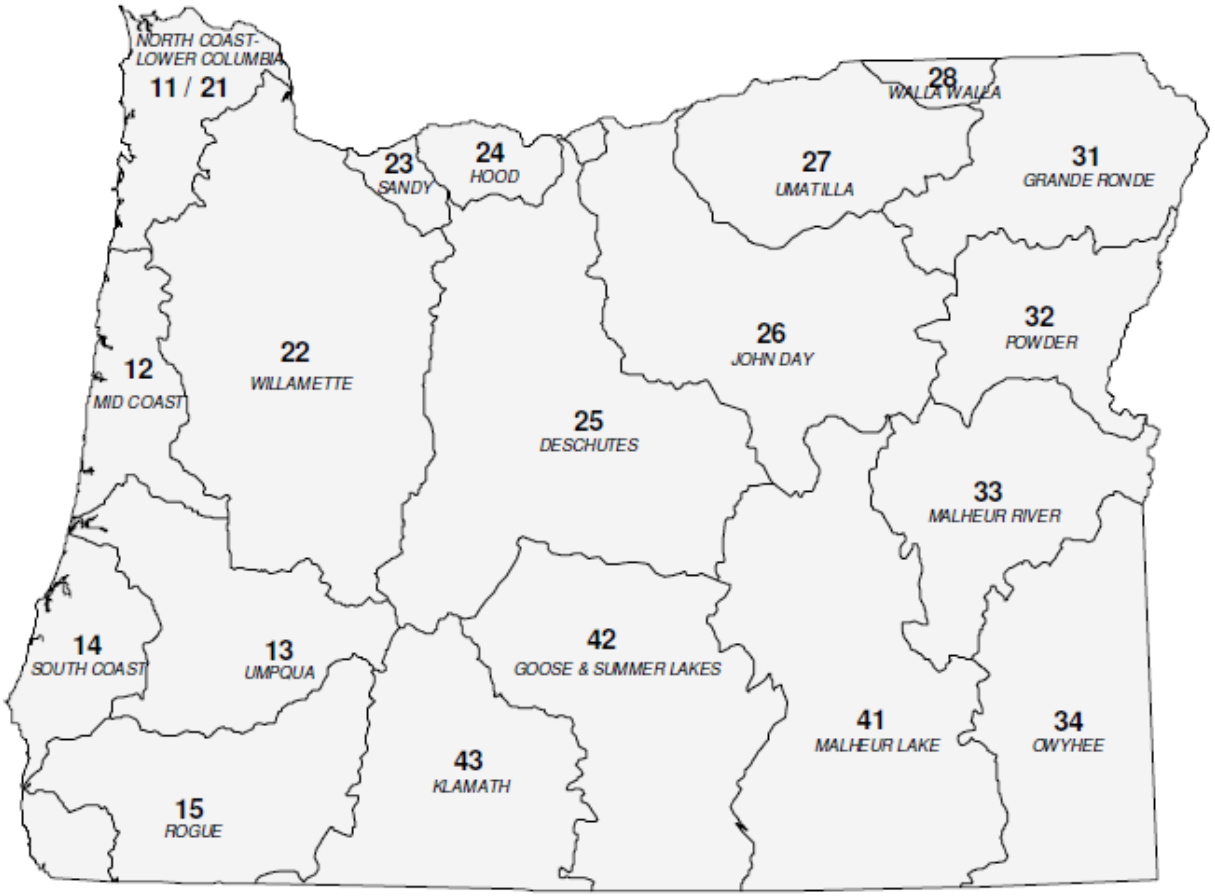
Beneficial Uses	Walla Walla River Main Stem from Confluence of North & South Forks to State Line	All Other Basin Streams
Public Domestic Water Supply[1]	X	X
Private Domestic Water Supply[1]	X	X
Industrial Water Supply	X	
Irrigation	X	X
Livestock Watering	X	X
Fish & Aquatic Life[2]	X	X
Wildlife & Hunting	X	X
Fishing	X	X
Boating	X	X
Water Contact Recreation	X	X
Aesthetic Quality	X	X
Hydro Power		X
Commercial Navigation & Transportation		

[1] With adequate pretreatment (filtration & disinfection) and natural quality to meet drinking water standards.
[2] See also Figures 310A, 310B, 310C and 310~~B~~D for fish and aquatic life use designations for this basin.

State of Oregon Department of Environmental Quality

OAR 340-041-0340
Tables and Figures

Figure 1: Oregon Basin Index Map



Basin Name	Basin #	OAR #
DESCHUTES	25	340-041-0130
GOOSE & SUMMER LKS	42	340-041-0140
GRANDE RONDE	31	340-041-0151
HOOD	24	340-041-0160
JOHN DAY	26	340-041-0170
KLAMATH	43	340-041-0180
MALHEUR LAKE	41	340-041-0190
MALHEUR RIVER	33	340-041-0201
MD COAST	12	340-041-0220
NORTH COAST-LWR COL	11-21	340-041-0230
OWYHEE	34	340-041-0250
POWDER	32	340-041-0260
ROGUE	15	340-041-0271
SANDY	23	340-041-0286
SOUTH COAST	14	340-041-0300
UMATILLA	27	340-041-0310
UMPQUA	13	340-041-0320
WALLA WALLA	28	340-041-0330
WILLAMETTE	22	340-041-0340

OAR 340-041-0340
Table 340A
Designated Beneficial Uses
Willamette Basin

Beneficial Uses	Willamette River Tributaries						Main Stem Willamette River			
	Clackamas River	Molalla River	Santiam River	McKenzie River	Tualatin River	All Other Streams & Tributaries	Mouth to Willamette Falls, Including Multnomah Channel	Willamette Falls to Newberg	Newberg to Salem	Salem to Coast Fork
Public Domestic Water Supply[1]	X	X	X	X	X	X	X	X	X	X
Private Domestic Water Supply[1]	X	X	X	X	X	X	X	X	X	X
Industrial Water Supply	X	X	X	X	X	X	X	X	X	X
Irrigation	X	X	X	X	X	X	X	X	X	X
Livestock Watering	X	X	X	X	X	X	X	X	X	X
Fish & Aquatic Life[2]	X	X	X	X	X	X	X	X	X	X
Wildlife & Hunting	X	X	X	X	X	X	X	X	X	X
Fishing	X	X	X	X	X	X	X	X	X	X
Boating	X	X	X	X	X	X	X	X	X	X
Water Contact Recreation	X	X	X	X	X	X	X[3]	X	X	X
Aesthetic Quality	X	X	X	X	X	X	X	X	X	X
Hydro Power	X	X	X	X	X	X	X	X		
Commercial Navigation & Transportation							X	X	X	

[1] With adequate pretreatment and natural quality that meets drinking water standards.
[2] See also Figures 340A, ~~and~~ 340B, 340C and 340D for fish use designations for this basin.
[3] Not to conflict with commercial activities in Portland Harbor.

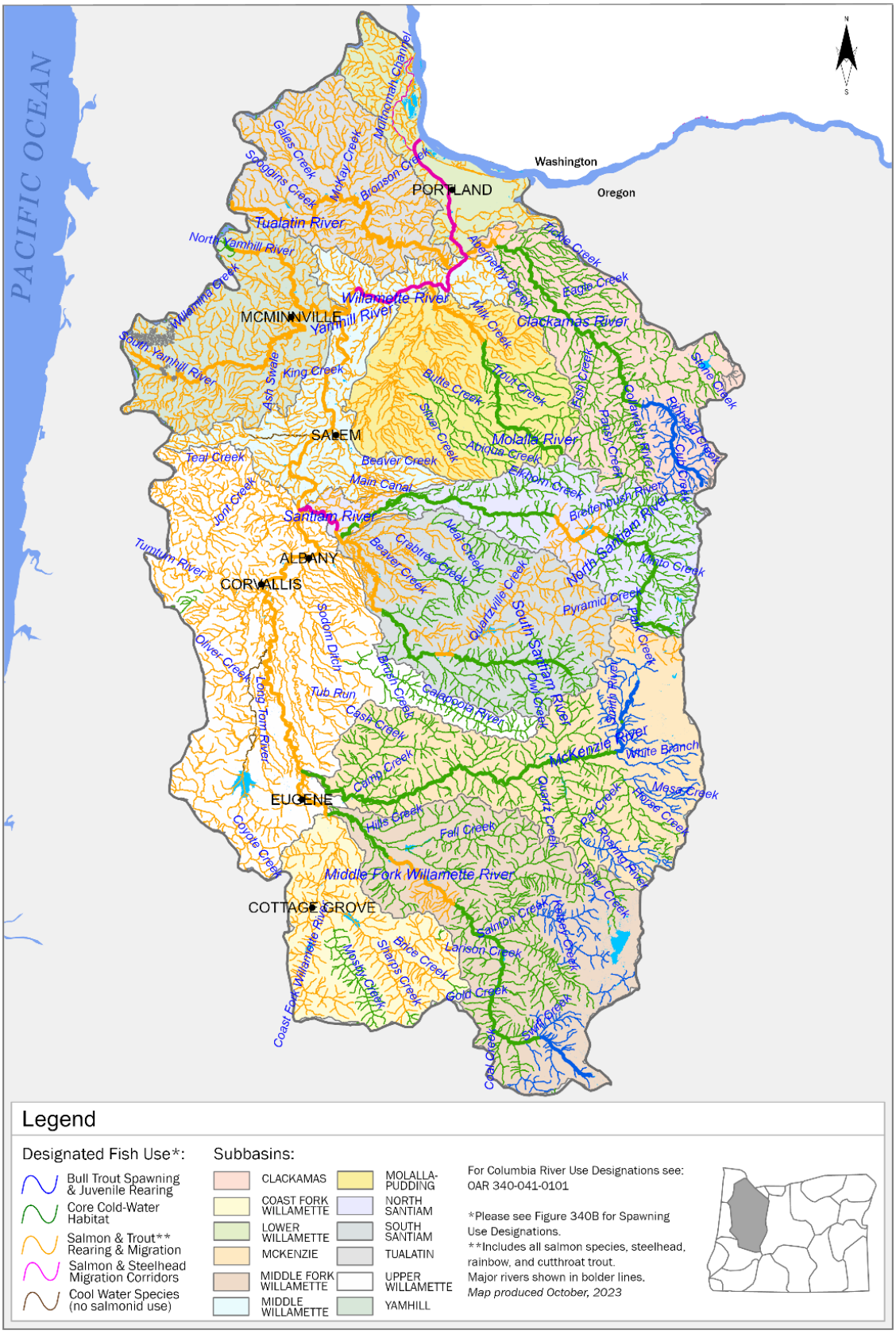
~~Table produced August, 2005~~

NOTE: DEQ proposes to replace Figures 340A and 340B dated November 2003 with the Figures 340A and 340B dated October 2023 shown below. Figures 340C and 340D dated October 2023 are proposed to be added. The 2003 Figures may be viewed at this link: Oregon Secretary of State Administrative Rules.

State of Oregon Department of Environmental Quality

OAR 340-041-0340 – Figure 340A

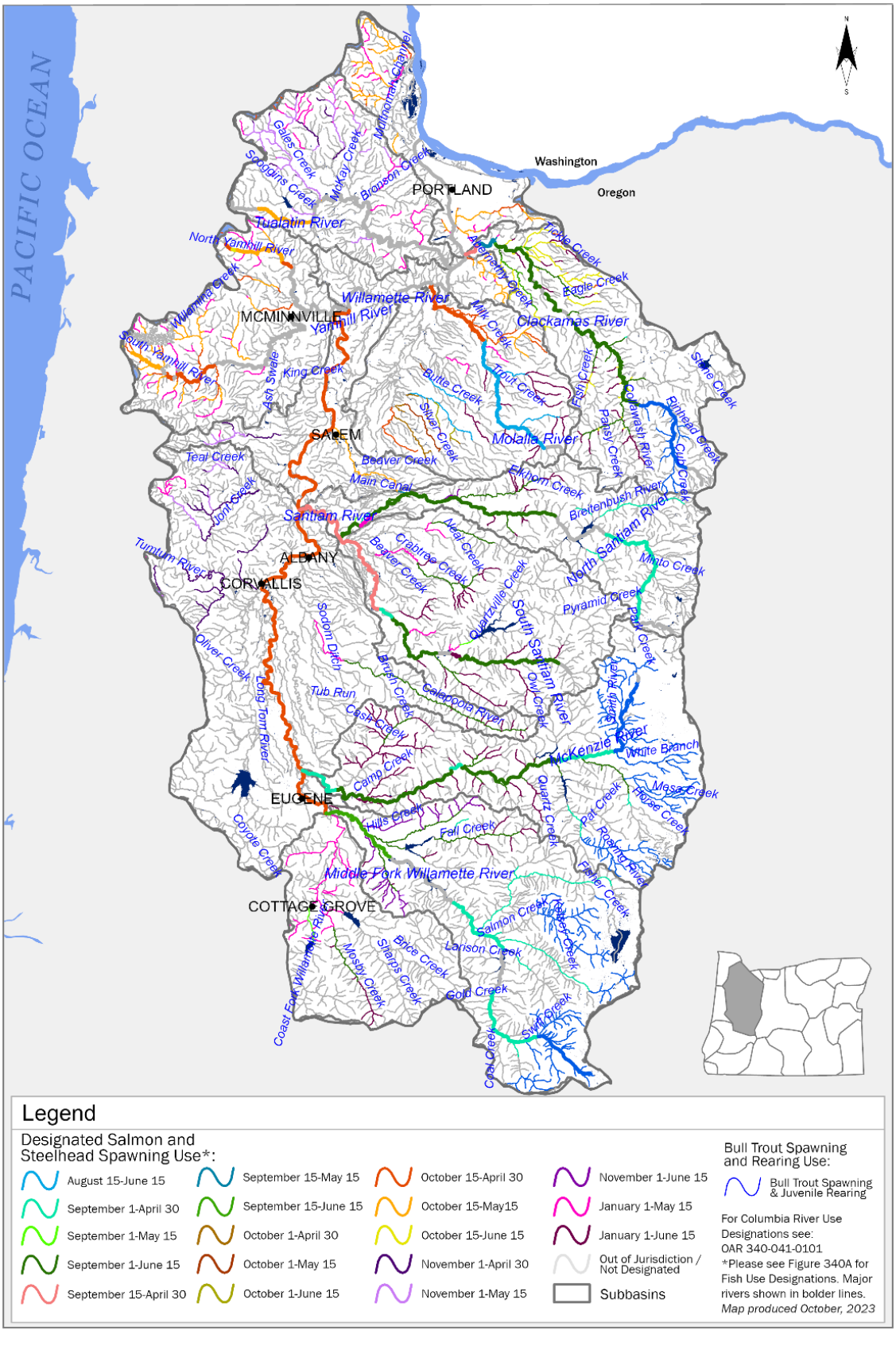
Year-Round Temperature Fish Use Designations
Willamette Basin, Oregon



State of Oregon Department of Environmental Quality

OAR 340-041-0340 – Figure 340B

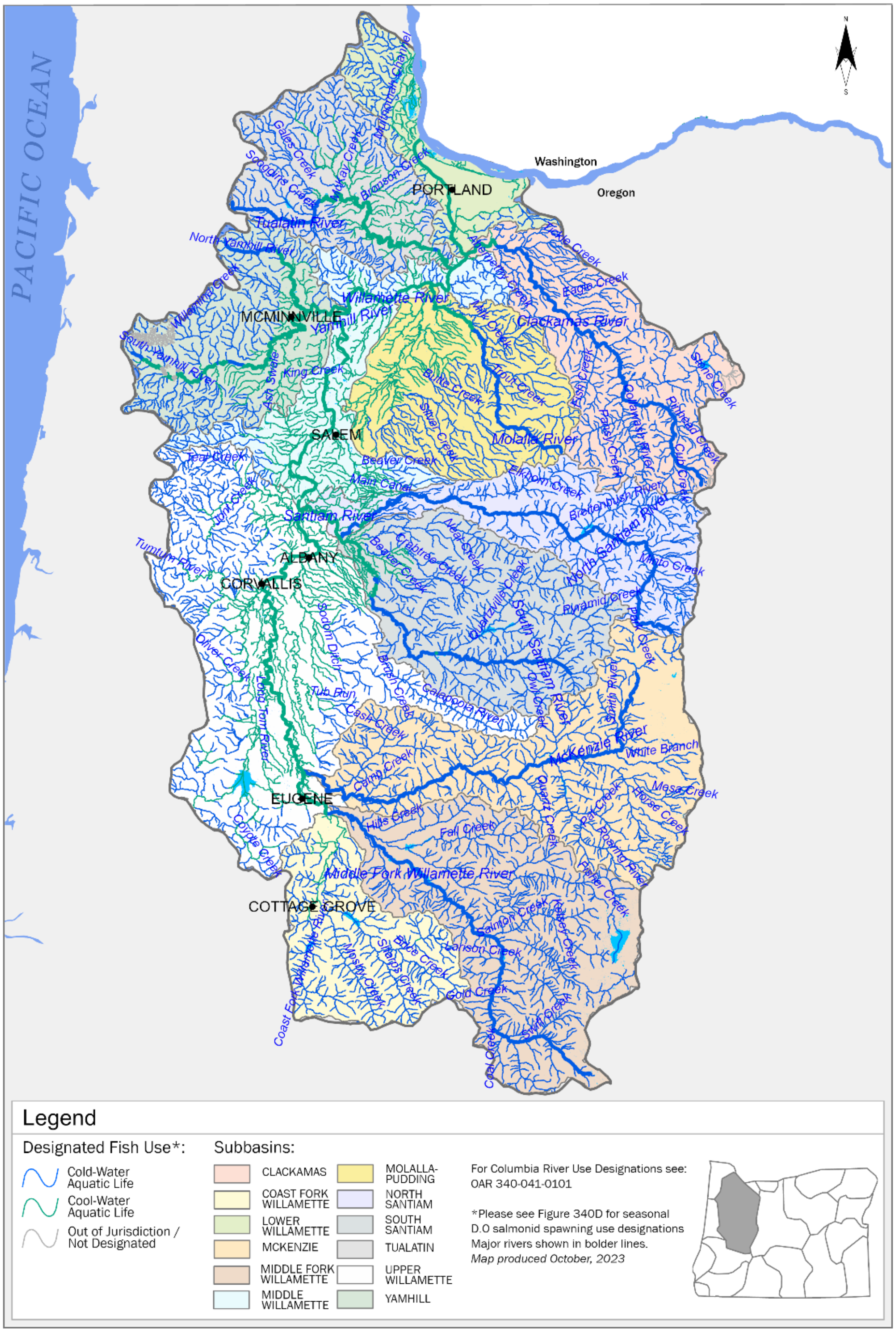
Seasonal Salmon and Steelhead Spawning Use Designations
Willamette Basin, Oregon



State of Oregon Department of Environmental Quality

OAR 340-041-0340 – Figure 340C

Year-Round Dissolved Oxygen Fish Use Designations
Willamette Basin, Oregon



State of Oregon Department of Environmental Quality

OAR 340-041-0340 – Figure 340D

Seasonal Dissolved Oxygen Salmonid Spawning Use Designations
Willamette Basin, Oregon