

December 4, 2003

**OREGON ADMINISTRATIVE RULES
WATER RESOURCES DEPARTMENT
CHAPTER 690
DIVISION 502
WILLAMETTE BASIN PROGRAM**

690-502-0010

Definitions

As used in this rule, unless the context requires otherwise:

- (1) The Willamette Basin is as shown on Water Resources Department Map No. 2.6.
- (2) "Agricultural Use" means non-irrigation agricultural use of water such as temperature control, chemigation, mineral leaching, dairy barn washing, greenhouse use, harvest use and other related uses.
- (3) "Classification" or "Classified" means the allowed and preferred beneficial use(s) of a given surface or groundwater source for which future uses of water shall be permitted. Except as otherwise provided by the Commission, the Department shall not issue permits to appropriate, and no use shall be initiated of any of the surface or groundwaters of the Willamette Basin for any uses except those for which the waters are classified. A classification does not affect legal uses existing on the date of adoption or alteration of the classification.
- (4) "Commission" means the Water Resources Commission.
- (5) "Commercial Use" means use of water at a place where commodities or services are bought or sold or provided by an entity open to the public, such as a gas station, restaurant, motel, etc.
- (6) "Department" means the Water Resources Department.
- (7) "Director" means the Director of the Water Resources Department.
- (8) "Domestic Use" includes domestic use, domestic use expanded and group domestic, as defined in OAR 690-011.
- (9) "Fish Life Use" includes use of water to support natural or artificial propagation of fish and other aquatic life.
- (10) "Groundwater Recharge" means the intentional addition of water to a groundwater reservoir where consistent with OAR 690-011.
- (11) "Industrial Use" includes the use of water in the manufacture of a product and maintenance of industrial sites, facilities and buildings, and includes other related miscellaneous uses.
- (12) "Irrigation Use" means the application of water to crops or plants by artificial means to promote growth or nourish plants.
- (13) "Livestock Use" means the use of groundwater or diversion of water from the natural water course or storage of water for consumption by livestock or wildlife.
- (14) "Mining Use" means the use of water to extract metals or minerals including placer mining as defined in OAR 690-011 and leaching operations.

Note: These rules were filed with the Office of the Secretary of State and took effect on December 4, 2003. The rules are subject to non-substantive modifications such as renumbering and correction of typographical errors pursuant to ORS 183.360(2)(a) when published by the Secretary of State.

(15) "Municipal Use" means the delivery and use of water through the water service system of an incorporated municipality or a nonprofit corporation and includes quasi-municipal uses as defined in OAR 690-011.

(16) "Pollution Abatement" means the use of water to remove or dilute pollutants or achieve water quality standards.

(17) "Power" means the use of water for electrical or mechanical power or for operation of a hydraulic ram where such uses are consistent with OAR 690-051.

(18) "Public Instream Use" means the public use of water where there is no diversion or other means of physical control over the water. Public instream uses include, but are not limited to, recreation, conservation, maintenance and enhancement of aquatic and fish life, wildlife, fish and wildlife habitat, wetlands other than those referred to in section (21) of this rule and any other ecological values, pollution abatement or navigation.

(19) "Recreation Use" means the use of natural or stored water to provide recreation uses as defined in OAR 690-011.

(20) "Storage Season" means the time period during which reservoirs may be filled.

(21) "Wetland Enhancement" means the diversion or control of surface or groundwater for the purpose of mitigating, constructing, enhancing and/or maintaining wetlands.

(22) "Wildlife Use" includes use of water by or for sustaining wild animal species and their habitats.

Stat. Auth.: ORS 536.300 & 536.340

Hist.: WRD 4-1992, f. & cert. ef. 3-13-92

690-502-0020

Policies

Water Resources Commission and Department activities which affect the waters of the Willamette River Basin shall be compatible with the policies established in this rule. Surface water allocation, groundwater management, municipal and domestic water systems, reservoir coordination, conservation and land use coordination are important issues in the Willamette Basin. The Commission's policies on these issues are as follows:

(1) Surface water allocation:

(a) Protect undeveloped streams with instream values for public instream uses;

(b) Seek a balance in the future appropriation of water between instream and total out-of-stream uses on those streams already significantly developed for out-of-stream purposes;

(c) Preserve opportunities for future economic development by reserving water for future use;

(d) Minimize the likelihood of over-appropriation due to new uses;

(e) Manage stored waters which have been released for instream purposes to meet flow needs reflected in established instream water rights;

(f) Allow irrigation use for the longest period possible between March 1 and October 31 provided sufficient water is available.

(2) Groundwater management:

(a) Prevent excessive water level declines, restore aquifer stability in areas of decline and preserve with limited storage capacity for designated uses;

(b) Identify low-yield aquifers and inform local agencies of probable groundwater capacity limitations for some uses;

(c) Ensure safe municipal and domestic groundwater supplies by participating with the Department of Environmental Quality and the State Health Division in a formal monitoring program to document changes in quality and provide data for aquifer management;

(d) Minimize impairment of surface water uses resulting from hydraulic connection between groundwater and surface water;

(e) Encourage the development of programs for making groundwater resource information available to the public and local agencies.

(3) Municipal and domestic water systems: Support coordinated water service planning and consolidation by water purveyors to preserve and protect adequate and safe drinking water supplies for human consumption in the Willamette Basin.

(4) Reservoir coordination:

(a) Promote funding to study and implement the Willamette River Basin Review Study reconnaissance phase recommendations with significant potential to assist the state in meeting its resource management objectives;

(b) Formalize reservoir operation guidelines with the Corps of Engineers to meet state water management objectives and enter into a memorandum of understanding or other agreement that defines the reservoir coordination process and water management objectives.

(5) Water conservation:

(a) Implement programs to eliminate wasteful water use;

(b) Improve the efficiency of water use through implementation of voluntary conservation measures;

(c) Give priority to developing subbasin conservation plans and providing public assistance in areas of known over-appropriation of surface water and groundwater and in water quality problem areas as listed by the Department of Environmental Quality.

(6) Land use coordination: Promote effective state and local water resource planning and protection and efficient water use through coordination with land use programs.

Stat. Auth.: ORS 536.300 & 536.340

Hist.: WRD 4-1992, f. & cert. ef. 3-13-92

690-502-0030

Objectives

The objectives of the Commission in managing the waters of Willamette Basin are to:

(1) Retain minimum perennial streamflows as provided in OAR 690-502-0050 to 690-502-0150 until the process for conversion to instream water rights is completed.

(2) Promote public instream uses and values in headwaters streams exhibiting high instream values.

(3) Meet public instream needs for fish life, wildlife, recreation and pollution abatement.

(4) Protect instream values in state scenic waterways as described in ORS 390.835 and support management of national wild and scenic rivers.

(5) Minimize the potential of future permits to over-appropriate water.

(6) Consider reservations for future uses within the context of planned and reasonably expected mixes of land uses and economic development in the basin or subbasin(s) consistent with the public interest. Establish reservations that provide for appropriate mix(es) of future uses as established by local or regional plans; e.g., comprehensive plans, water supply plans, economic

development plans, urban reserves, and other relevant resource development and protection plans. Generally, design, condition or subordinate reservations such that water can be allocated to meet future municipal and irrigation needs without disadvantaging either use in a way that is consistent with the public interest.

(7) Coordinate with the Department of Environmental Quality in efforts to meet total maximum daily loads in designated drainages by limiting new surface water appropriations during the low-flow season and placing conditions on permits requiring efficiency measures. These drainages include, but are not limited to, the Coast Fork of the Willamette, Tualatin, Yamhill, Pudding, Rickreall Creek and Columbia Slough.

(8) Increase basinwide water use efficiency.

(9) Coordinate with the Northwest Power Planning Council in meeting the objectives of the "protected areas" designation when evaluating hydroelectric permit applications.

(10) Protect and encourage use of water which sustains economic development.

Stat. Auth.: ORS 536.220, 536.300, 536.310, 536.340, 536.410, 537.170, 537.356 & 537.358
Hist.: WRD 4-1992, f. & cert. ef. 3-13-92; WRD 12-1992, f. & cert. ef. 9-9-92

690-502-0040

General Provisions

(1) Water availability: The classifications in OAR 690-502-0050 through 690-502-0150 limit access to natural streamflow during periods when remaining available supplies are insufficient to meet existing water rights and public instream uses 80 percent of the time. When improved water availability data show that there is insufficient natural flow to support a classification, any permit issued shall further restrict or condition the time of use to when water is available.

(2) Limited licenses: The uses of surface water for which limited licenses may be issued are prescribed in ORS 537.143(1). Applications for limited licenses may be accepted in the Willamette Basin unless expressly prohibited by statute, order of the State Engineer or the Commission, or by the classifications in OAR 690-502-0050 through 690-502-0150.

(3) Surface water applications: Applications to use surface water filed after April 18, 1991, shall be processed under the classifications established in OAR 690-502-0050 through 690-502-0150. Applications filed on or before April 18, 1991, shall be processed under the classification in effect at the time of the application.

(4) Storage:

(a) Unless expressly prohibited by statute, order or administrative rule, the surface waters of the Willamette River and tributaries are classified for storage from November 1 to June 30. A storage permit may be issued for a shorter time period and/or conditioned based on water availability or compatibility with other uses and needs;

(b) Secondary applications to maintain reservoir levels throughout the year may be processed if the proposed use is consistent with the classification;

(c) Water legally stored may be released or used at any time for any beneficial purpose, such as domestic, livestock, irrigation (during the irrigation season as specified in section (6) of this rule), agricultural, commercial, municipal, industrial, power, mining, recreation, fish life, wildlife, pollution abatement, wetland enhancement, public instream uses and uses allowed under a limited license.

(5) Groundwater recharge: Use of surface water to recharge groundwater shall be subject to the same limitations and season as specified in section (4) of this rule. Use of groundwater from one

aquifer to recharge another shall be allowed only if consistent with the classification of the providing aquifer as specified in OAR 690-502-0160.

(6) Expanded irrigation season: Unless expressly limited by statute, court decree, order, administrative rule (including classification, except for use of stored water), water availability or any other permit condition, an irrigation season of March 1 to October 31 shall apply to future permits for primary and supplemental irrigation.

(7) Conservation: The Department shall require that special conservation and water use efficiency conditions be employed when permitting the use of water from the Columbia River Basalt Group, low-yield aquifers and water quality limited streams.

Stat. Auth.: ORS 536.220, 536.300, 536.310, 536.340, 536.410, 537.170, 537.356 & 537.358

Hist.: WRD 4-1992, f. & cert. ef. 3-13-92; WRD 12-1992, f. & cert. ef. 9-9-92

690-502-0050

Main Stem Willamette River Subbasin

The Main Stem Willamette River Subbasin includes the Willamette River from Willamette Falls near river mile 27 in Oregon City to the confluence of the Middle Fork and Coast Fork Willamette south of Springfield. Stream systems which are tributary to the Willamette River main stem above Willamette Falls are included in the subbasin, except for the major tributary subbasins specified in OAR 690-502-0060 through 690-502-0150:

(1) Surface water classification:

(a) The following streams and tributaries are withdrawn from further appropriation except storage:

(A) Second Periwinkle Creek (also known as Cox Creek and Ash Creek) and tributaries near Willamette River mile 118 at Albany are withdrawn from further appropriation by order of the State Engineer dated November 20, 1950;

(B) Croisan Creek and tributaries near Willamette River mile 84 at Salem are withdrawn from further appropriation by order of the State Engineer dated August 4, 1950;

(C) Pringle Creek and tributaries near Willamette River mile 84 at Salem are withdrawn from further appropriation by order of the State Engineer dated August 4, 1950;

(D) Mill Creek and tributaries near Willamette River mile 84 at Salem are withdrawn from further appropriation by order of the State Engineer dated September 22, 1950;

(E) An unnamed stream and tributaries flowing through Section 24, Township 6 South, Range 4 West, Willamette Meridian, a tributary to Spring Valley Creek in Section 19, Township 6 South, Range 3 West, Willamette Meridian, are withdrawn from further appropriation by order of the State Engineer dated August 18, 1950;

(F) Corral Creek and tributaries near Willamette River mile 40 are withdrawn from further appropriation by order of the State Engineer dated August 7, 1951;

(G) Hatlin Creek and tributaries tributary to Potter Creek near Oregon City are withdrawn from further appropriation by order of the State Engineer dated September 22, 1950.

(b) The Willamette River main stem downstream from the west line of Donation Land Claim 55 in T11S, R4W, upstream from the mouth of the Calapooia River near Albany, except as otherwise specified in subsection (a) of this section, is classified for domestic, livestock, municipal, industrial, agricultural, commercial, power, mining, fish life, wildlife, recreation, pollution abatement, wetland enhancement and public instream uses;

(c) The Willamette River main stem upstream from the west line of Donation Land Claim 55 in T11S, R4W, upstream from the mouth of the Calapooia River near Albany, to the confluence of the McKenzie and Willamette Rivers, except as otherwise specified in subsection (a) of this section, is classified for domestic, livestock, municipal, industrial, agricultural, commercial, power, mining, fish life, wildlife, recreation, pollution abatement, wetland enhancement and public instream uses from September 1 through June 30, and only for domestic, commercial use for customarily domestic purposes not to exceed 0.01 cfs, livestock and public instream uses from July 1 through August 31;

(d) The Willamette River main stem above the confluence with the McKenzie River to the confluence of the Middle and Coast Forks of the Willamette River, except as otherwise specified in subsection (a) of this section, is classified for domestic, livestock, municipal, industrial, agricultural, commercial, power, mining, recreation, fish life, wildlife, pollution abatement, wetland enhancement and public instream uses from November 1 through June 30, and only for domestic, commercial use for customarily domestic purposes not to exceed 0.01 cfs, livestock and public instream uses from July 1 through October 31;

(e) Except as specified in subsection (1)(a) of this rule, tributaries of the Main Stem Willamette River Subbasin are classified for domestic, livestock, municipal, industrial, irrigation, agricultural, commercial, power, mining, fish life, wildlife, recreation, pollution abatement, wetland enhancement and public instream uses from September 1 through June 30, and only for domestic, commercial use for customarily domestic purposes not to exceed 0.01 cfs, livestock and public instream uses from July 1 through August 31.

(2) For the purpose of maintaining a minimum perennial streamflow sufficient to support aquatic life and to minimize pollution and of attaining the highest and best use of waters released from storage, no appropriations of water except for domestic or livestock uses or waters to be legally stored or legally released from storage shall be made or granted by any state agency or public corporation of the state for the following waters and as shown in **Table 1**:

(a) The Willamette River or its tributaries above USGS Gage 14174000 (SW 1/4 Section 6, Township 11 South, Range 3 West) at Albany, Oregon, for natural flows of the Willamette River below 1,750 cubic feet per second plus waters released from storage of up to 3,140 cubic feet per second measured at the aforementioned gage;

(b) The Willamette River or its tributaries above USGS Gage 14191000 (SW 1/4 Section 22, Township 7 South, Range 3 West) at Salem, Oregon, for natural flows of the Willamette River below 1,300 cubic feet per second plus waters released from storage of up to 4,700 cubic feet per second measured at the aforementioned gage;

(c) The Willamette River or its tributaries above USGS Gage 14198000 (SE 1/4 Section 23, Township 3 South, Range 1 West) at Wilsonville, Oregon, for natural flows of the Willamette River below 1,250 cubic feet per second plus waters released from storage of up to 4,700 cubic feet per second measured at the aforementioned gage;

(d) The Willamette River or its tributaries above Willamette Falls at Oregon City for natural flows of the Willamette River below 1,500 cubic feet per second plus waters released from storage of up to 4,700 cubic feet per second measured at or near said Willamette Falls and maintained to the mouth.

[**ED. NOTE:** **Table 1** referenced in this rule is not printed in the OAR Compilation. Copies may be obtained from the Water Resources Department.]

690-502-0060

Middle Fork Willamette River Subbasin

The Middle Fork Willamette River Subbasin includes the Middle Fork Willamette River and tributaries upstream from its confluence with the Coast Fork Willamette River south of Springfield:

(1) Surface water classification:

(a) The North Fork of the Middle Fork Willamette River, from a point one mile upstream from the railroad bridge near Westfir to its headwaters, and Waldo Lake, are designated state scenic waterways. These waters and tributaries are classified only for domestic, commercial use for customarily domestic purposes not to exceed 0.01 cfs, livestock and public instream uses;

(b) Except as otherwise specified in subsection (c) of this section, the Middle Fork of the Willamette River and tributaries below Dexter Dam are classified for domestic, livestock, municipal, irrigation, industrial, agricultural, commercial, power, mining, fish life, wildlife, recreation, pollution abatement, wetland enhancement and public instream uses from September 1 through January 31, and only for domestic, commercial use for customarily domestic purposes not to exceed 0.01 cfs, livestock and public instream uses from February 1 through August 31;

(c) The following streams and tributaries are classified for domestic commercial use for customarily domestic purposes not to exceed 0.01 cfs, livestock and public instream uses only:

(A) Fall Creek tributary to the Middle Fork of the Willamette River;

(B) Lost Creek tributary to the Middle Fork of the Willamette River.

(d) The Middle Fork of the Willamette River and tributaries above Dexter dam are classified year round for domestic, commercial use for customarily domestic purposes not to exceed 0.01 cfs, livestock and public instream uses only;

(e) The waters of the natural lakes of the Middle Fork Willamette River subbasin above 3,000 feet elevation are classified only for domestic, excluding irrigation of lawn and noncommercial garden, commercial use for customarily domestic purposes not to exceed 0.01 cfs, livestock and public instream uses. Storage shall not be allowed on these lakes.

(2) For the purpose of maintaining a minimum perennial streamflow sufficient to support aquatic life and to minimize pollution and of attaining the highest and best use of waters released from storage, no appropriations of water except for domestic or livestock uses or waters to be legally stored or legally released from storage shall be made or granted by any state agency or public corporation of the state for the following waters and as shown in **Table 1**:

(a) The Middle Fork Willamette or its tributaries above the Willamette Middle Fork - North Fork of the Willamette Middle Fork confluence for natural flows of the Willamette Middle Fork below 285 cubic feet per second, plus waters released from storage of up to 690 cubic feet per second measured at a point between said confluence and 1.0 miles above said confluence;

(b) Fall Creek or its tributaries above the Fall Creek - Willamette Middle Fork confluence for natural flows of FallCreek below 40 cubic feet per second, plus waters released from storage of up to 470 cubic feet per second measured at a point between said confluence and 1.0 miles above said confluence;

(c) The Willamette Middle Fork or its tributaries above the Willamette Middle Fork - Willamette Coast Fork confluence for natural flows of the Willamette Middle Fork below 640 cubic feet per second, plus waters released from storage of up to 1,475 cubic feet per second measured at a point between said confluence and 1.0 miles above said confluence.

[**ED. NOTE: Table 1** referenced in this rule is not printed in the OAR Compilation. Copies may be obtained from the Water Resources Department.]

Stat. Auth.: ORS 536.220, 536.300, 536.310, 536.340, 536.410, 537.170, 537.356 & 537.358
Hist.: WRD 4-1992, f. & cert. ef. 3-13-92; WRD 12-1992, f. & cert. ef. 9-9-92

690-502-0070

Coast Fork Willamette River Subbasin

The Coast Fork Willamette River Subbasin includes the Coast Fork Willamette River and tributaries above the confluence with the Middle Fork Willamette River south of Springfield:

(1) Surface water classification:

(a) The Coast Fork Willamette River and tributaries below Cottage Grove Dam to the mouth and the Row River below Dorena Dam to the mouth are classified for domestic, livestock, irrigation, municipal, industrial, agricultural, commercial, power, mining, fish life, wildlife, recreation, pollution abatement, wetland enhancement and public instream uses from December 1 through April 30, and only for domestic, commercial use for customarily domestic purposes not to exceed 0.01 cfs, livestock and public instream uses from May 1 through November 30;

(b) The Coast Fork of the Willamette River and tributaries above Cottage Grove Dam and the Row River and tributaries above Dorena Dam are classified for domestic, commercial use for customarily domestic purposes not to exceed 0.01 cfs, livestock and public instream uses.

(2) For the purpose of maintaining a minimum perennial streamflow sufficient to support aquatic life and to minimize pollution and of attaining the highest and best use of waters released from storage, no appropriations of water except for domestic or livestock uses or waters to be legally stored or legally released from storage shall be made or granted by any state agency or public corporation of the state for the following waters and as shown in **Table 1**:

(a) The Willamette Coast Fork or its tributaries above the Willamette Coast Fork - Row River confluence for natural flows of the Willamette Coast Fork below 15 cubic feet per second, plus waters released from storage of up to 100 cubic feet per second measured at a point between said confluence and 1.0 miles above said confluence;

(b) Row River or its tributaries above the Row River - Willamette Coast Fork confluence for natural flows of the Row River below 40 cubic feet per second, plus waters released from storage of up to 150 cubic feet per second measured at a point between said confluence and 1.0 miles above said confluence;

(c) The Willamette Coast Fork or its tributaries above the Willamette Coast Fork - Willamette Middle Fork confluence for natural flows of the Willamette Coast Fork below 40 cubic feet per second, plus waters released from storage or up to 250 cubic feet per second measured at a point between said confluence and 1.0 miles above said confluence.

[**ED. NOTE: Table 1** referenced in this rule is not printed in the OAR Compilation. Copies may be obtained from the Water Resources Department.]

Stat. Auth.: ORS 536.220, 536.300, 536.310, 536.340, 536.410, 537.170, 537.356 & 537.358
Hist.: WRD 4-1992, f. & cert. ef. 3-13-92; WRD 12-1992, f. & cert. ef. 9-9-92

690-502-0080

McKenzie River Subbasin

The McKenzie River Subbasin includes the McKenzie River and tributaries above confluence with the Willamette River:

(1) Surface water classification:

(a) The McKenzie River from Clear Lake to Carmen Reservoir, from Tamolitch Falls to Trail Bridge Reservoir and from Trail Bridge Dam to Paradise Campground is designated a state scenic waterway. The McKenzie River and tributaries above Paradise Campground near river mile 73 (Sec 9, T16S, R6E) are classified only for domestic, commercial use for customarily domestic purposes not to exceed 0.01 cfs, livestock and public instream uses;

(b) The South Fork McKenzie River from the Three Sisters Wilderness boundary downstream to Cougar Reservoir and from Cougar Dam downstream to the confluence with the McKenzie River is designated a state scenic waterway. The South Fork McKenzie River and its tributaries are classified only for domestic, commercial use for customarily domestic purposes not to exceed 0.01 cfs, livestock and public instream uses;

(c) Blue River upstream from its confluence with the McKenzie River and tributaries are classified year round only for domestic, commercial use for customarily domestic purposes not to exceed 0.01 cfs, livestock and public instream uses;

(d) Except as specified in subsections (a), (b), and (c) of this section, all tributaries to the McKenzie River are classified for domestic, livestock, municipal, industrial, irrigation, agricultural, commercial, power, mining, fish life, wildlife, recreation, pollution abatement, wetland enhancement and public instream uses from October 1 through June 30, and only for domestic, commercial use for customarily domestic purposes not to exceed 0.01 cfs, livestock and public instream uses from July 1 through September 30;

(e) Except as specified in subsection (a) of this section, the McKenzie River main stem downstream from Paradise Campground near river mile 73 (Sec 9, T16S, R6E) is classified only for domestic, livestock, municipal, industrial, agricultural, commercial, power, mining, fish life, wildlife, recreation, pollution abatement, wetland enhancement, off-channel power development in conjunction with storage and public instream uses;

(f) The waters of the natural lakes of the McKenzie River subbasin above 3,000 feet elevation are classified only for domestic, excluding irrigation of lawn and noncommercial garden, commercial use for customarily domestic purposes not to exceed 0.01 cfs, livestock and public instream uses. Storage shall not be allowed on these lakes.

(2) For the purpose of maintaining a minimum perennial streamflow sufficient to support aquatic life and to minimize pollution and of attaining the highest and best use of waters released from storage, no appropriations of water except for domestic or livestock uses or waters to be legally stored or legally released from storage shall be made or granted by any state agency or public corporation of the state for the following waters and as shown in **Table 1**:

(a) The South Fork McKenzie River or its tributaries above the South Fork McKenzie River - McKenzie River confluence for natural flows of the South Fork McKenzie River below 200 cubic

feet per second, plus waters released from storage of up to 230 cubic feet per second measured at a point between said confluence and 1.0 miles above said confluence;

(b) Blue River or its tributaries above the Blue River - McKenzie River confluence for natural flows of Blue River below 30 cubic feet per second, plus waters released from storage of up to 350 cubic feet per second measured at a point between said confluence and 1.0 miles above said confluence;

(c) The McKenzie River or its tributaries above USGS - State Engineer Gage 14162500 (NE 1/4 Section 5, Township 17 South, Range 3 East) near Vida, Oregon, for natural flows of the McKenzie River below 1,400 cubic feet per second plus waters released from storage of up to 580 cubic feet per second measured at the aforementioned gage;

(d) The McKenzie River or its tributaries above the intersection of the McKenzie River and Interstate Highway 5 for natural flows of the McKenzie River below 1,025 cubic feet per second, plus waters released from storage of up to 700 cubic feet per second, measured at the intersection of the McKenzie River and Interstate Highway 5.

[**ED. NOTE: Table 1** referenced in this rule is not printed in the OAR Compilation. Copies may be obtained from the Water Resources Department.]

Stat. Auth.: ORS 536.220, 536.300, 536.310, 536.340, 536.410, 537.170, 537.356 & 537.358
Hist.: WRD 4-1992, f. & cert. ef. 3-13-92; WRD 12-1992, f. & cert. ef. 9-9-92

690-502-0090

Long Tom River Subbasin

The Long Tom River Subbasin includes the Long Tom River and tributaries above its confluence with the Willamette River north of Monroe:

(1) Surface water classification:

(a) Coyote Creek and tributaries are withdrawn from further appropriation year round except for storage from October 1 to June 1 by order of the State Engineer dated June 30, 1960;

(b) Except as otherwise provided in subsection (a) of this section, the Long Tom River and tributaries are classified only for domestic, commercial use for customarily domestic purposes not to exceed 0.01 cfs, livestock, wetland enhancement and public instream uses.

(2) For the purpose of maintaining a minimum perennial streamflow sufficient to support aquatic life and to minimize pollution and of attaining the highest and best use of waters released from storage, no appropriations of water except for domestic or livestock uses or waters to be legally stored or legally released from storage shall be made or granted by any state agency or public corporation of the state for the following waters and as shown in **Table 1**.

(3) For the purpose of obtaining the highest and best use of waters released from storage, no appropriations of water except for domestic and livestock uses shall be made or granted by any state agency or public corporation of the state from the Long Tom River above USGS Gage 14170000 (NE 1/4 Section 33, Township 14 South, Range 5 West) at Monroe, Oregon, for waters released from storage of up to 370 cubic feet per second measured at the aforementioned gage (**Table 1**).

[**ED. NOTE: Table 1** referenced in this rule is not printed in the OAR Compilation. Copies may be obtained from the Water Resources Department.]

Stat. Auth.: ORS 536.220, 536.300, 536.310, 536.340, 536.410, 537.170, 537.356 & 537.358
Hist.: WRD 4-1992, f. & cert. ef. 3-13-92; WRD 12-1992, f. & cert. ef. 9-9-92

690-502-0100

Coast Range Subbasin

The Coast Range Subbasin includes the drainage basins of the Marys and Luckiamute Rivers, Rickreall Creek and Yamhill River. Surface water classification:

(1) Marys River Drainage:

(a) The Marys River main stem is classified for domestic, livestock, irrigation, agricultural, commercial, municipal, industrial, power, mining, fish life, wildlife, recreation, pollution abatement, wetland enhancement and public instream uses year round;

(b) The tributaries of the Marys River are classified for domestic, livestock, irrigation, municipal, agricultural, commercial, industrial, power, mining, fish life, wildlife, recreation, pollution abatement, wetland enhancement and public instream uses from November 1 through May 31 and only for domestic, commercial use for customarily domestic purposes not to exceed 0.01 cfs, livestock and public instream uses only from June 1 through October 31;

(2) Luckiamute River Drainage:

(a) The Luckiamute River main stem is classified for domestic, livestock, irrigation, municipal, agricultural, commercial, industrial, power, mining, fish life, wildlife, recreation, pollution abatement, wetland enhancement and public instream uses from October 1 through July 31, and for domestic, commercial use for customarily domestic purposes not to exceed 0.01 cfs, livestock and public instream uses only from August 1 through September 30;

(b) Except as specified in subsection (2)(c) of this rule, the tributaries of the Luckiamute River are classified for domestic, livestock, irrigation, municipal, agricultural, commercial, industrial, power, mining, fish life, wildlife, recreation, pollution abatement, wetland enhancement and public instream uses from November 1 through April 30, and only for domestic, commercial use for customarily domestic purposes not to exceed 0.01 cfs, livestock and public instream uses from May 1 through October 31;

(c) The following streams and tributaries are classified year round for domestic, commercial use for customarily domestic purposes not to exceed 0.01 cfs, livestock and public instream uses only:

(A) Maxfield Creek tributary to Luckiamute River;

(B) Ritner Creek tributary to Luckiamute River;

(C) Pedee Creek tributary to Luckiamute River.

(3) Rickreall Creek Drainage: Rickreall Creek and tributaries are classified for domestic, livestock, irrigation, municipal, industrial, agricultural, commercial, power, mining, fish life, wildlife, recreation, pollution abatement, wetland enhancement and public instream uses from November 1 through April 30, and only for domestic, commercial use for customarily domestic purposes not to exceed 0.01 cfs, livestock and public instream uses from May 1 through October 31;

(4) Yamhill River Drainage:

(a) Except as specified in subsection (4)(b) of this rule, the Yamhill River and tributaries are classified for domestic, livestock, irrigation, municipal, industrial, agricultural, commercial, power, mining, recreation, fish life, wildlife, pollution abatement, wetland enhancement and public instream uses from November 1 through April 30, and only for domestic, commercial use for customarily

domestic purposes not to exceed 0.01 cfs, livestock and public instream uses from May 1 through October 31;

(b) The following streams and tributaries are classified for domestic, commercial use for customarily domestic purposes not to exceed 0.01 cfs, livestock and public instream uses only:

- (A) Agency Creek tributary to South Yamhill River;
- (B) Gold Creek tributary to South Yamhill River;
- (C) Rowell Creek tributary to South Yamhill River;
- (D) Rock Creek tributary to South Yamhill River near Grande Ronde;
- (E) Pierce Creek tributary to South Yamhill River;
- (F) Deer Creek tributary to South Yamhill River;
- (G) E. Fork Willamina Creek tributary to Willamina Creek;
- (H) Gooseneck Creek tributary to Mill Creek;
- (I) Haskins Creek tributary to North Yamhill River;
- (J) Panther Creek tributary to North Yamhill River;
- (K) Cedar Creek tributary to North Yamhill River;
- (L) Fairchild Creek tributary to North Yamhill River;
- (M) Turner Creek tributary to North Yamhill River.

Stat. Auth.: ORS 536.220, 536.300, 536.310, 536.340, 536.410, 537.170, 537.356 & 537.358
Hist.: WRD 4-1992, f. & cert. ef. 3-13-92; WRD 12-1992, f. & cert. ef. 9-9-92

690-502-0110

Santiam River - Calapooia River Subbasin

The Santiam - Calapooia Subbasin includes the drainage basins of the Santiam and Calapooia Rivers upstream from the confluence with the Willamette River:

(1) Surface water classification:

(a) The Little North Santiam River from the confluence of Battle Ax Creek and Opal Creek downstream to the Willamette National Forest boundary near Elkhorn at river mile 17 is a designated state scenic waterway. The Little North Santiam River and tributaries above the Willamette National Forest boundary are classified only for domestic, commercial use for customarily domestic purposes not to exceed 0.01 cfs, livestock and public instream uses;

(b) Except as specified in paragraph (b)(A) and (B) of this section, the Santiam River and tributaries are classified for domestic, livestock, irrigation, municipal, industrial, agricultural, commercial, power, mining, recreation, fish life, wildlife, pollution abatement, wetland enhancement and public instream uses from September 1 through June 30, and only for domestic, commercial use for customarily domestic purposes not to exceed 0.01 cfs, livestock and public instream uses from July 1 through August 31:

(A) The South Santiam River and tributaries below Trout Creek, and the Middle Santiam River and tributaries below Green Peter Dam, are classified for domestic, livestock, irrigation, municipal, industrial, agricultural, commercial, power, mining, recreation, fish life, wildlife, pollution abatement, wetland enhancement and public instream uses from October 1 through April 30, and only for domestic, commercial use for customarily domestic purposes not to exceed 0.01 cfs, livestock and public instream uses from May 1 through September 30;

(B) The following streams and their tributaries are classified year round only for domestic, commercial use for customarily domestic purposes not to exceed 0.01 cfs, livestock and public instream uses:

- (i) South Santiam River above Trout Creek tributary to Santiam River;
- (ii) Middle Santiam River above Green Peter Dam;
- (iii) Quartzville Creek tributary to the Middle Santiam River;
- (iv) Wiley Creek tributary to South Santiam River;
- (v) Thomas Creek tributary to South Santiam River;
- (vi) North Santiam River above USGS Gage 14181500 at Niagara tributary to Santiam River;
- (vii) Mad Creek tributary to North Santiam River;
- (viii) Rock Creek tributary to North Santiam River;
- (ix) Stout Creek tributary to North Santiam River;
- (x) McDowell Creek tributary to South Santiam River.

(c) The Calapooia River and tributaries below Boston Mill at approximately river mile 22 are classified for domestic, livestock, irrigation, municipal, industrial, agricultural, commercial, power, mining, recreation, fish life, wildlife, pollution abatement, wetland enhancement and public instream uses from October 1 through July 31, and only for domestic, commercial use for customarily domestic purposes not to exceed 0.01 cfs, livestock and public instream uses from August 1 through September 30;

(d) The Calapooia River and tributaries above Boston Mill at approximately river mile 22 are classified for domestic, livestock, irrigation, municipal, industrial, agricultural, commercial, power, mining, recreation, fish life, wildlife, pollution abatement, wetland enhancement and public instream uses from November 1 to June 30, and only for domestic, commercial use for customarily domestic purposes not to exceed 0.01 cfs, livestock and public instream uses from July 1 through October 31;

(e) The waters of natural lakes with surface elevations above 3,000 feet mean sea level are classified only for domestic, excluding irrigation of lawn and commercial garden, commercial use for customarily domestic purposes not to exceed 0.01 cfs, livestock and public instream uses. No storage shall be allowed in these lakes.

(2) For the purpose of maintaining a minimum perennial streamflow sufficient to support aquatic life and to minimize pollution and of attaining the highest and best use of waters released from storage, no appropriations of water except for domestic or livestock uses or waters to be legally stored or legally released from storage shall be made or granted by any state agency or public corporation of the state for the following waters and as shown in **Table 1**:

(a) The Middle Santiam River or its tributaries above USGS Gage 14186500 (NE 1/4 SE 1/4 Section 24, Township 13 South, Range 1 East) near Foster, Oregon, for natural flows of the Middle Fork Santiam River or its tributaries below 110 cubic feet per second plus waters released from storage of up to 260 cubic feet per second measured at the aforementioned gage;

(b) The South Santiam River or its tributaries above USGS - Corps of Engineers - State Engineer Gage 14187500 (SW 1/4 NW1/4 Section 28, Township 12 South, Range 1 West) at Waterloo, Oregon, for natural flows of the South Santiam River below 170 cubic feet per second plus waters released from storage of up to 930 cubic feet per second measured at the aforementioned gage;

(c) The North Santiam River or its tributaries above USGS Gage 14181500 (NE 1/4 NE 1/4 Section 34, Township 9 South, Range 4 East) at Niagara, Oregon, for natural flows of the North Santiam River below 500 cubic feet per second plus waters released from storage of up to 640 cubic feet per second measured at the aforementioned gage;

(d) The North Santiam River or its tributaries above USGS Gage 14183000 (NW 1/4 Section 18, Township 9 South, Range 2 East) at Mehama, Oregon, for natural flows of the North Santiam River below 580 cubic feet per second plus waters released from storage of up to 640 cubic feet per second measured at the aforementioned gage;

(e) The North Santiam River or its tributaries above USGS Gage 14184100 (Section 7, Township 10 South, Range 2 West) near Jefferson, Oregon, for natural flows of the North Santiam River below 430 cubic feet per second plus waters released from storage of up to 640 cubic feet per second measured at the aforementioned gage;

(f) The Santiam River or its tributaries above USGS Gage 14189000 (SE 1/4 Section 11, Township 10 South, Range 3 West) at Jefferson, Oregon, for natural flows of the Santiam River below 330 cubic feet per second plus waters released from storage of up to 1,570 cubic feet per second measured at the aforementioned gage;

(g) The Santiam River or its tributaries above the Santiam River - Willamette River confluence for natural flows of the Santiam River below 320 cubic feet per second plus waters released from storage of up to 1,570 cubic feet per second measured at a point between the said confluence and 1.0 miles above said confluence;

(h) The Calapooia River or its tributaries above USGS Gage 14172000 (SE1/4 Section 15, Township 14 South, Range 1 West) at Holley, Oregon, for natural flows of the Calapooia River below 30 cubic feet per second plus waters released from storage or up to 340 cubic feet per second measured at the aforementioned gage;

(i) The Calapooia River or its tributaries above USGS Gage 14173500 (NW 1/4 Section 13, Township 11 South, Range 4 West) at Albany, Oregon, for natural flows of the Calapooia River below 20 cubic feet per second plus waters released from storage of up to 340 cubic feet per second measured at the aforementioned gage.

[ED. NOTE: Table 1 referenced in this rule is not printed in the OAR Compilation. Copies may be obtained from the Water Resources Department.]

Stat. Auth.: ORS 536.220, 536.300, 536.310, 536.340, 536.410, 537.170, 537.356 & 537.358
Hist.: WRD 4-1992, f. & cert. ef. 3-13-92; WRD 12-1992, f. & cert. ef. 9-9-92

690-502-0120

Molalla River - Pudding River Subbasin

The Molalla - Pudding Subbasin includes the drainage area of the Molalla and Pudding Rivers upstream from the confluence with the Willamette River near Canby. Surface water classification:

(1) The following streams and tributaries are withdrawn from further appropriation except storage:

(a) The North and South Forks of Silver Creek above their confluence are withdrawn from further appropriation for any purpose except use in state parks by act of the Legislature, ORS 538.120;

(b) Drift Creek, a tributary of the Pudding River near river mile 51, is withdrawn from further appropriation by order of the State Engineer dated August 8, 1951;

(c) The unnamed stream flowing through Section 25, Township 5 South, Range 2 West, Willamette Meridian and Sections 29, 30 and 32, Township 5 South, Range 1 West, Willamette

Meridian, tributary to the Pudding River near river mile 31, is withdrawn from further appropriation by order of the State Engineer dated July 25, 1951;

(d) The unnamed stream flowing through Sections 4, 9 and 10, Township 7 South, Range 1 West, Willamette Meridian, a tributary to Brush Creek near Silverton, is withdrawn from further appropriation by order of the State Engineer dated September 22, 1950;

(e) Rock Creek, tributary to the Pudding River near river mile 12, is withdrawn from further appropriation by order of the State Engineer dated August 13, 1951.

(2) The Molalla River and tributaries, except the Pudding River and tributaries, are classified for domestic, livestock, irrigation, municipal, industrial, agricultural, commercial, power, mining, recreation, fish life, wildlife, pollution abatement, wetland enhancement and public instream uses from November 1 through May 31, and only for domestic, commercial use for customarily domestic purposes not to exceed 0.01 cfs, livestock and public instream uses from June 1 through October 31.

(3) The following streams and tributaries are classified year round for domestic, commercial use for customarily domestic purposes not to exceed 0.01 cfs, livestock and public instream uses only:

(a) Molalla River and Table Rock Fork above their confluence near river mile 40;

(b) Gawley Creek tributary to Molalla River;

(c) Pine Creek tributary to Molalla River;

(d) Trout Creek tributary to Molalla River;

(e) North Fork Molalla River tributary to Molalla River;

(f) Cedar Creek tributary to the Molalla River near river mile 24;

(g) Dickey Creek tributary to Molalla River;

(h) Milk Creek, and Cedar Creek above their confluence near Union Mills tributary to Molalla River;

(i) Gribble Creek tributary to Molalla River;

(j) Ogle Creek tributary to Molalla River.

(4) The Pudding River main stem is classified for domestic, livestock, irrigation, municipal, industrial, agricultural, commercial, power, mining, fish life, wildlife, recreation, pollution abatement, wetland enhancement and public instream uses from October 1 through April 30 and only for domestic, commercial use for customarily domestic purposes not to exceed 0.01 cfs, livestock and public instream uses from May 1 through September 30.

(5) Except as specified in this section, the tributaries of the Pudding River are classified for domestic, livestock, irrigation, municipal, industrial, agricultural, commercial, power, mining, fish life, wildlife, recreation, pollution abatement, wetland enhancement and public instream uses from November 1 through April 30 and only for domestic, commercial use for customarily domestic purposes not to exceed 0.01 cfs, livestock and public instream uses from May 1 through October 31.

(6) The following streams and tributaries are classified for domestic, livestock, irrigation, municipal, industrial, agricultural, commercial, power, mining, fish life, wildlife, recreation, pollution abatement, wetland enhancement and public instream uses from December 1 through April 30, and only for domestic, commercial use for customarily domestic purposes not to exceed 0.01 cfs, livestock and public instream uses from May 1 through November 30:

(a) Butte Creek tributary to Pudding River;

(b) Abiqua Creek tributary to Pudding River.

Stat. Auth.: ORS 536.220, 536.300, 536.310, 536.340, 536.410, 537.170, 537.356 & 537.358
Hist.: WRD 4-1992, f. & cert. ef. 3-13-92; WRD 12-1992, f. & cert. ef. 9-9-92

690-502-0130

Tualatin River Subbasin

The Tualatin subbasin includes the drainage area of the Tualatin River upstream from the confluence with the Willamette River near West Linn:

(1) Surface water classification:

(a) The following streams and tributaries are withdrawn from further appropriation except for storage, unless otherwise indicated, by order of the State Engineer on the specified dates:

(A) Unnamed stream flowing through Sections 10, 15, and 21, Township 1 South, Range 3 West, Willamette Meridian, tributary to the Tualatin River, by order dated August 13, 1951;

(B) Unnamed stream flowing through Sections 32, 33, 34 and 35, Township 1 North, Range 3 West, Willamette Meridian, tributary to Dairy Creek, by order dated July 25, 1951;

(C) Unnamed stream, known locally as Burris Creek, flowing through northeast part of Township 2 South, Range 3 West, Willamette Meridian, and Sections 5 and 6, Township 2 South, Range 2 West, Willamette Meridian, tributary to the Tualatin River, by order dated July 25, 1951;

(D) Unnamed stream flowing in the south part of Township 1 South, Range 2 West, Willamette Meridian, tributary to the Tualatin River, by order dated August 4, 1950;

(E) Unnamed stream flowing through Sections 19, 29, 30, 31 and 32, Township 1 South, Range 3 West, Willamette Meridian, tributary to the Tualatin River, by order dated August 8, 1950;

(F) Clear Creek and Iler Creek west of the north south line between Township 1 North, Ranges 4 and 5 West, being tributaries to Gales Creek for the exclusive use of the City of Forest Grove under permit 12034, by order dated March 2, 1936;

(G) Unnamed branch of Clear Creek within Sections 18, 19, 29 and 30, Township 1 North, Range 4 West, Willamette Meridian, for the exclusive of the City of Forest Grove under permit 13944 by order dated October 19, 1939.

(b) Except as specified in subsections (a) and (c) of this section, the Tualatin River and tributaries are classified for domestic, livestock, municipal, irrigation, industrial, agricultural, commercial, power in conjunction with storage, fish life, wildlife, recreation, pollution abatement, wetland enhancement and public instream uses from November 1 through April 30, and only for domestic, commercial use for customarily domestic purposes not to exceed 0.01 cfs, livestock, wetland enhancement and public instream uses from May 1 through October 31;

(c) The following streams and tributaries are classified year round only for domestic, commercial use for customarily domestic purposes not to exceed 0.01 cfs, livestock and public instream uses:

(A) McFee Creek tributary to Tualatin River;

(B) Gales Creek tributary to Tualatin River;

(C) East Fork of Dairy Creek tributary to Dairy Creek;

(D) McKay Creek tributary to Dairy Creek;

(E) Scoggins Creek tributary to Tualatin River.

(2) For the purpose of maintaining a minimum perennial streamflow sufficient to support aquatic life and to minimize pollution and of attaining the highest and best use of waters released from storage, no appropriations of water except for domestic or livestock uses or waters to be legally

stored or legally released from storage shall be made or granted by any state agency or public corporation of the state for the following waters and as shown in **Table 1**.

(3) The Tualatin River or its tributaries above USGS-State Engineer Gage 14207500 (SW 1/4 Section 34, Township 2 South, Range 1 East) at West Linn, Oregon, in the amounts specified in **Table 1**.

[ED. NOTE: Table 1 referenced in this rule is not printed in the OAR Compilation. Copies may be obtained from the Water Resources Department.]

Stat. Auth.: ORS 536.220, 536.300, 536.310, 536.340, 536.410, 537.170, 537.356 & 537.358
Hist.: WRD 4-1992, f. & cert. ef. 3-13-92; WRD 12-1992, f. & cert. ef. 9-9-92

690-502-0140

Clackamas River Subbasin

The Clackamas Subbasin includes the drainage area of the Clackamas River upstream from the confluence with the Willamette River near Gladstone. Surface water classification:

(1) The following streams and tributaries are withdrawn, by order of the State Engineer, from further appropriation, unless otherwise specified:

(a) Memaloose Creek and South Fork Clackamas River for the exclusive use of the cities of Oregon City and West Linn, by order dated January 16, 1931. Limited licenses shall not be issued for the use of the waters of the South Fork Clackamas River or tributaries;

(b) Wade Creek, tributary to the Clackamas River near River Mill Dam, by order dated May 19, 1952. Limited licenses shall not be issued for the use of water from Wade Creek or tributaries;

(c) Currin Creek, tributary to Eagle Creek by order dated September 22, 1950. Limited licenses shall not be issued for the use of water from Currin Creek or tributaries.

(2) The Clackamas River from the boundary of the Olallie Lake Scenic Area at about river mile 82 downstream to the North Fork Reservoir and from River Mill Dam downstream to Carver Bridge, the North Fork Clackamas River from its headwaters downstream to North Fork Reservoir, and the South Fork Clackamas River from its confluence with an unnamed tributary near the western boundary of Section 7, Township 5 South, Range 5 East, downstream to its mouth, are designated state scenic waterways. The Clackamas River and tributaries from the headwaters to North Fork Dam near river mile 30 are classified only for domestic, commercial use for customarily domestic purposes not to exceed 0.01 cfs, livestock and public instream uses.

(3) The Clackamas River main stem from North Fork Dam near river mile 30 downstream to the mouth is classified for domestic, livestock, municipal, irrigation, industrial, agricultural, commercial, power, fish life, wildlife, recreation, pollution abatement, wetland enhancement and public instream uses from November 1 through June 30, and only for domestic, commercial use for customarily domestic purposes not to exceed 0.01 cfs, municipal, livestock and public instream uses from July 1 through October 30.

(4) Except as provided in sections (1), (2) and (5) of this rule, the tributaries of the Clackamas River are classified for domestic, livestock, irrigation, municipal, power, fish life, wildlife, recreation, industrial, agricultural, commercial, pollution abatement, wetland enhancement and public instream uses from November 1 through May 31, and only for domestic, commercial use for customarily domestic purposes not to exceed 0.01 cfs, livestock and public instream uses from June 1 through October 31.

(5) The following streams and tributaries are classified year round for domestic, commercial use for customarily domestic purposes not to exceed 0.01 cfs, livestock and public instream uses:

- (a) Fish Creek tributary to Clackamas River;
- (b) Foster Creek tributary to Clackamas River;
- (c) Wash Creek tributary to Fish Creek;
- (d) Eagle Creek tributary to Clackamas River;
- (e) Clear Creek tributary to Clackamas River;
- (f) Richardson Creek tributary to Clackamas River;
- (g) Rock Creek tributary to Clackamas River;
- (h) Deep Creek tributary to Clackamas River.

(6) The waters of natural lakes with surface elevations above 3,000 feet mean sea level are classified only for domestic, excluding irrigation of lawn and noncommercial garden, livestock and public instream uses. No storage shall be allowed on these lakes.

Stat. Auth.: ORS 536.220, 536.300, 536.310, 536.340, 536.410, 537.170, 537.356 & 537.358

Hist.: WRD 4-1992, f. & cert. ef. 3-13-92; WRD 12-1992, f. & cert. ef. 9-9-92

690-502-0150

Columbia Subbasin

The Columbia Subbasin includes the Willamette River main stem below Willamette Falls near river mile 27 and its tributaries, and all other stream systems in the Willamette Basin except for the Tualatin River and Clackamas River Subbasins. It includes the Multnomah Channel and Columbia Slough but does not include the main stem Columbia River. Surface water classification:

(1) The following streams and tributaries are withdrawn from further appropriation except storage:

(a) Johnson Creek and tributaries, except Crystal Springs Creek and tributaries for flows in excess of ten cubic feet per second measured at the mouth, are withdrawn, by act of the Legislature, from further appropriation except for protection of fish life therein and power development not to exceed 25 theoretical horsepower. Appropriation and storage are allowed on Johnson Creek tributaries, but not the main stem, from December 1 through June 1 of each year, ORS 538.170;

(b) Scappoose Creek is withdrawn, by act of the Legislature, from further appropriation, except for protecting fish life therein, domestic, livestock, municipal, fish culture, esthetic, recreation and public park purposes, ORS 538.251(5) and 538.260;

(c) McNulty Creek, tributary to Scappoose Bay, is withdrawn, by act of the Legislature, from further appropriation except for storage during the period November 1 through March 31 each year, ORS 538.280;

(d) Milton Creek is withdrawn by act of the Legislature from further appropriation except for domestic use year round and storage during the period November 1 through April 30 each year, ORS 538.300;

(e) Little Creek and tributaries, being tributaries to Scappoose Creek, are withdrawn from further appropriation except for storage, by order of the State Engineer dated August 13, 1951;

(f) An unnamed stream, a tributary to the Columbia River flowing through Section 25, Township 1 North, Range 2 East, Willamette Meridian and Sections 19 and 20, Township 1 North, Range 3 East, Willamette Meridian is withdrawn from further appropriation by order of the State Engineer dated September 22, 1950.

(2) The Willamette River main stem below Willamette Falls is classified for domestic, livestock, municipal, industrial, commercial, agricultural, mining, power, fish life, wildlife, recreation, pollution abatement, wetland enhancement and public instream uses.

(3) Multnomah Channel and drainage waters originating within drainage districts are classified for domestic, livestock, municipal, industrial, irrigation, commercial, agricultural, mining, power, fish life, wildlife, recreation, pollution abatement, wetland enhancement and public instream uses.

(4) Except as specified in subsections (1)(a), (b) and (c) of this rule, all stream systems in the Columbia Subbasin and Columbia Slough are classified year round only for domestic, commercial use for customarily domestic purposes not to exceed 0.01 cfs, livestock and public instream uses.

Stat. Auth.: ORS 536.300 & 536.340

Hist.: WRD 4-1992, f. & cert. ef. 3-13-92

690-502-0160

Groundwater Classifications and Conditions

(1) Use of groundwater from the basalt aquifer within the Cooper-Bull Mountain Critical Groundwater Area shall be as described in the State Engineer's order designating the Cooper-Bull Mountain Critical Groundwater Area dated May 17, 1974.

(2) Groundwater Classification: The groundwater resources of the Willamette Basin are classified for domestic, livestock, irrigation, municipal, industrial, agricultural, commercial, power, mining, recreation, fish life, wildlife, pollution abatement, wetland enhancement and statutorily exempt groundwater uses except as described in OAR 690-502-0170 to 690-502-0210.

Stat. Auth.: ORS 536 & ORS 537

Hist.: WRD 11-2003, f. & cert. ef. 12-04-03

690-502-0170

Sandy-Boring Ground Water Limited Area

Groundwater from the shallow Troutdale aquifer and the specially designated portion of the deep Troutdale aquifer in the Sandy-Boring area is classified for exempt uses only. The Sandy-Boring Groundwater Limited Area is as described and shown in Exhibit 1. Groundwater applications pending on October 4, 1991 shall be processed according to the classifications in effect on the date the application was filed and shall

contain the Special Permit Conditions specified in OAR 690-502-0260. Applications may be rejected if the aquifer displays any of the adverse impacts defined in OAR Chapter 690, Division 008. Applications submitted after October 4, 1991 shall be processed according to the requirements of these rules and classifications.

Stat. Auth.: ORS 536 & ORS 537

Hist.: WRD 11-2003, f. & cert. ef. 12-04-03

690-502-0180

Damascus, Glattidings, Kingston, Mt. Angel, Parrett Mountain, and Stayton-Sublimity Ground Water Limited Areas

(1) Groundwater from the basalt aquifers in the Damascus, Glattidings, Kingston, Mt. Angel, Parrett Mountain, and Stayton-Sublimity areas, and the Troutdale aquifer in the Damascus area is classified for exempt uses only.

(2) The Damascus Groundwater Limited Area is as described and shown in Exhibit 2. The Glattidings Groundwater Limited Area is as described and shown in Exhibit 3. The Kingston Groundwater Limited Area is as described and shown in Exhibit 4. The Mt. Angel Groundwater Limited Area is as described and shown in Exhibit 5. The Parrett Mountain Groundwater Limited Area is as described and shown in Exhibit 9. The Stayton-Sublimity Groundwater Limited Area is as described and shown in Exhibit 7.

(3) Groundwater applications pending on October 4, 1991 shall be processed according to the classifications in effect on the date the application was filed. Permits may be issued for a period not to exceed five years and shall contain the Special Permit Conditions specified in OAR 690-502-0250. Permits may be extended for additional five-year periods if the Director finds that the groundwater resource can probably support the extended use. Applications may be rejected or permit or certificate extensions may be denied if the aquifer displays any of the adverse impacts defined in OAR Chapter 690, Division 008. Applications submitted after October 4, 1991 shall be processed according to the requirements of these rules and classifications. Within two years of permit issuance, the applicant shall prepare a plan for the Water Resources Commission which shall indicate the steps for obtaining an alternate long-term water supply.

Stat. Auth.: ORS 536 & ORS 537

Hist.: WRD 11-2003, f. & cert. ef. 12-04-03

690-502-0190

Sherwood-Dammasch-Wilsonville Ground Water Limited Area

Groundwater from the basalt aquifers in the Sherwood-Dammasch-Wilsonville Groundwater Limited Area as described and shown in Exhibit 6 is classified for exempt uses only.

Stat. Auth.: ORS 536 & ORS 537

Hist.: WRD 11-2003, f. & cert. ef. 12-04-03

690-502-0200

Chehalem Mountain, Eola Hills and South Salem Hills Ground Water Limited Areas

(1) Groundwater in the basalt aquifers in the Chehalem Mountain, Eola Hills and South Salem Hills Groundwater Limited Areas is classified for exempt uses, irrigation and rural residential fire protection systems only. Permits may be issued, for a period not to exceed five years, for fire protection and for drip or equally efficient irrigation provided the Director finds the proposed use and amount do not pose a threat to the groundwater resource or existing permit holders. The amount of water used for irrigation shall be further limited to one acre-foot per acre per year. Permits may be extended for additional five-year periods if the Director finds that the groundwater resource can probably support the extended use. Applications may be rejected or permit or certificate extensions may be denied if the aquifer displays any of the adverse impacts defined in OAR Chapter 690, Division 008.

(2) The Chehalem Mountain Groundwater Limited Area is as described and shown in Exhibit 8. The Eola Hills Groundwater Limited Area is as described and shown in Exhibit 10. The South Salem Hills Groundwater Limited Area is as described and shown in Exhibit 11.

(3) Groundwater applications pending on October 4, 1991 shall be processed according to the classifications in effect on the date the application was filed. Permits may be issued for a period not to exceed five years and shall contain the Special Permit Conditions specified in OAR 690-502-0250. Permits may be extended for additional five-year periods if the Director finds that the groundwater resource can probably support the extended use. Applications submitted after October 4, 1991 shall be processed according to the requirements of these rules and classifications. Within two years of permit issuance, the applicant shall prepare a plan for the Water Resources Commission which shall indicate the steps for obtaining an alternate long-term water supply.

Stat. Auth.: ORS 536 & ORS 537

Hist.: WRD 11-2003, f. & cert. ef. 12-04-03

690-502-0210

Amity Hills/Walnut Hill Ground Water Limited Area

(1) Ground water in the Columbia River Basalt Group aquifers in the Amity Hills/Walnut Hill Ground Water Limited Area is classified for exempt uses and irrigation only. Irrigation use shall be limited to use under a limited license pursuant to ORS 537.143 and for the sole purpose of providing water necessary to establish a crop for which no further irrigation will be required after the crop is established. Irrigation use under this rule shall be further limited to drip or equally efficient irrigation and an annual duty of one acre-foot per acre per year.

(2) The Amity Hills/Walnut Hill Ground Water Limited Area is as described and shown in Exhibit 12.

Stat. Auth.: ORS 536 & ORS 537

Hist.: WRD 11-2003, f. & cert. ef. 12-04-03

690-502-0240

Groundwater - Surface water hydraulic connection.

These rules are in addition to the requirements of OAR Chapter 690, Division 009. Groundwater in unconfined alluvium within 1/4 mile of the banks of a stream or surface water source is presumed to be in hydraulic connection with the surface water source, unless the applicant or appropriator provides satisfactory information or demonstration to the contrary. This hydraulically connected groundwater shall be classified the same as the surface source. This section shall not apply to those groundwater uses exempted by ORS 537.545. Notwithstanding such classification, permits may be issued for the use of water from a well in an unconfined aquifer that is hydraulically connected to groundwater, within a quarter mile of a stream, provided that surface water impacts are mitigated through storage releases.

Stat. Auth.: ORS 536 & ORS 537

Hist.: WRD 11-2003, f. & cert. ef. 12-04-03

690-502-0250

Special Columbia River Basalt Group Aquifer Permit Conditions.

New permits issued to appropriate groundwater from Columbia River Basalt Group aquifers shall be specially conditioned. The conditions shall specify:

- (1) A static water level measurement be made and submitted before any use of water may commence at the well;
- (2) The permittee/appropriator install a meter or other suitable measuring device approved by the Director and submit an annual report of water used to the Department;
- (3) Limits on acceptable amounts of depletion and interference with other users;
- (4) Use of water from the well be controlled or shut off if limits specified in the permit to protect the resource from depletion, and prior appropriators from interference, are exceeded;
- (5) The Department shall determine, from measurements submitted by the permittee/appropriator, or other data on file in the department, the initial and subsequent water levels from which the previously cited declines are referenced;
- (6) Following the issuance of a permit, the permittee/appropriator shall measure the water levels in the permitted well each year between March 1 and March 31 (spring high-water level) and submit the data to the Department within 90 days of measurement. Water level measurements shall be made by a certified water rights examiner, licensed water well driller, licensed pump installer, registered geologist, licensed land surveyor, registered professional engineer or the permittee/appropriator;
- (7) Any other conditions derived from OAR Chapter 690, Division 008 as deemed necessary to protect the groundwater resource.

Stat. Auth.: ORS 536 & ORS 537

Hist.: WRD 11-2003, f. & cert. ef. 12-04-03

690-502-0260

Special Permit Conditions. New permits issued to appropriate groundwater from aquifers within the Sandy-Boring Groundwater Limited Area and the Troutdale aquifer in the Damascus Groundwater Limited Area shall be specially conditioned. The conditions shall specify:

(1) A static water level measurement be made and submitted before any use of water may commence at the well;

(2) Limits on acceptable amounts of depletion and interference with other users;

(3) Use of water from the well be controlled or shut off if limits specified in the permit to protect the resource from depletion, and prior appropriators from interference, are exceeded;

(4) The Department shall determine, from measurements submitted by the permittee/appropriator, or other data on file in the department, the initial and subsequent water levels from which the previously cited declines are referenced;

(5) Following the issuance of a permit, the permittee/appropriator shall measure the water levels in the permitted well each year between March 1 and March 31 (spring high-water level) and submit the data to the Department within 90 days of measurement. Water level measurements shall be made by a certified water rights examiner, licensed water well driller, licensed pump installer, registered geologist, licensed land surveyor, registered professional engineer or the permittee/appropriator;

(6) Any other conditions as specified in OAR Chapter 690, Division 008 as deemed necessary to protect the groundwater resource.

Stat. Auth.: ORS 536 & ORS 537

Hist.: WRD 11-2003, f. & cert. ef. 12-04-03

EXHIBIT 1

Sandy - Boring Groundwater Limited Area: The aquifer of concern is within the Troutdale Formation.

The boundary of the overall area is as follows:

Beginning at the north quarter corner of Section 25, T1S, R3E, WM, said point being on the Clackamas - Multnomah County line, thence east along the county line to a point at an elevation of 600 feet mean sea level, near the intersection of the county line and Dodge Park Boulevard, thence southerly along the 600 foot elevation contour to Tickle Creek, near the east quarter corner of Section 14, T2S, R4E, WM, thence westerly along Tickle Creek and Deep Creek to the mouth of North Fork Deep Creek, thence northeasterly along North Fork Deep Creek to the north - south center line of Section 1, T2S, R3E, WM, thence north to the point of beginning.

The boundary of the Special Deep Troutdale Aquifer Area is as follows:

Beginning at the north quarter corner of Section 1, T2S, R3E, WM, thence east along the section line to the north quarter corner of Section 3, T2S, R4E, WM, thence south to the south quarter corner of said Section 3, thence west along the section line to the southwest corner of said Section 3, thence south along the section line to a tributary of Tickle Creek near the west quarter corner of Section 10, T2S, R4E, WM, thence westerly along the channels of the tributary and Tickle Creek to the south line of Section 7, T2S, R4E, WM, thence northwesterly to the south quarter corner of Section 1, T2S, R3E, WM, thence north to the point of beginning.

EXHIBIT 2

Damascus Groundwater Limited Area: The aquifers of concern are within the Columbia River Basalt Group and Troutdale Formation.

The boundary of the area is as follows:

Beginning at the intersection of Clackamas River and the west line of Section 18, T2S, R3E, WM, thence northerly along the section line to the northwest corner of Section 30, T1S, R3E, WM, thence easterly along the section line to the northeast corner of Section 27, T1S, R3E, WM, thence southerly along the section line to the intersection of Section 15, T2S, R3E, WM and Clackamas River, thence westerly along the main channel of Clackamas River to the point of beginning.

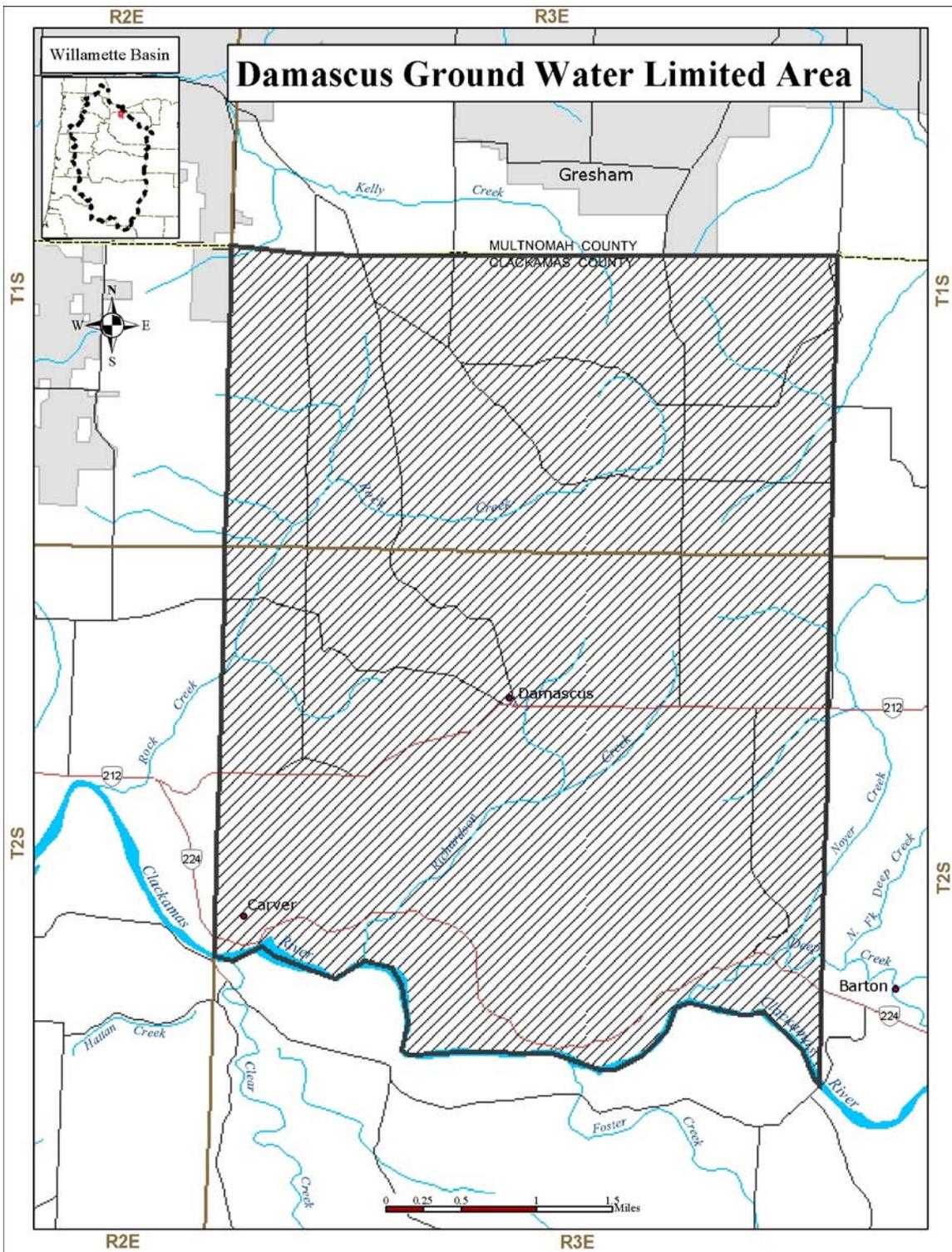


EXHIBIT 3

Gladtidings Groundwater Limited Area: The aquifer of concern is within the Columbia River Basalt Group.

The boundary of the area is as follows:

Beginning at the northwest corner of Section 15, T5S, R1E, WM, thence east along the section line to the northeast corner of Section 15, T5S, R2E, WM, thence south along the section line to the southeast corner of Section 27, T5S, R2E, WM, thence west along the section line to the southwest corner of Section 29, T5S, R1E, WM, thence north along the section line to the northwest corner of Section 20, T5S, R1E, WM, thence east along the section line to the northwest corner of Section 22, T5S, R1E, WM, thence north along the section line to the point of beginning.

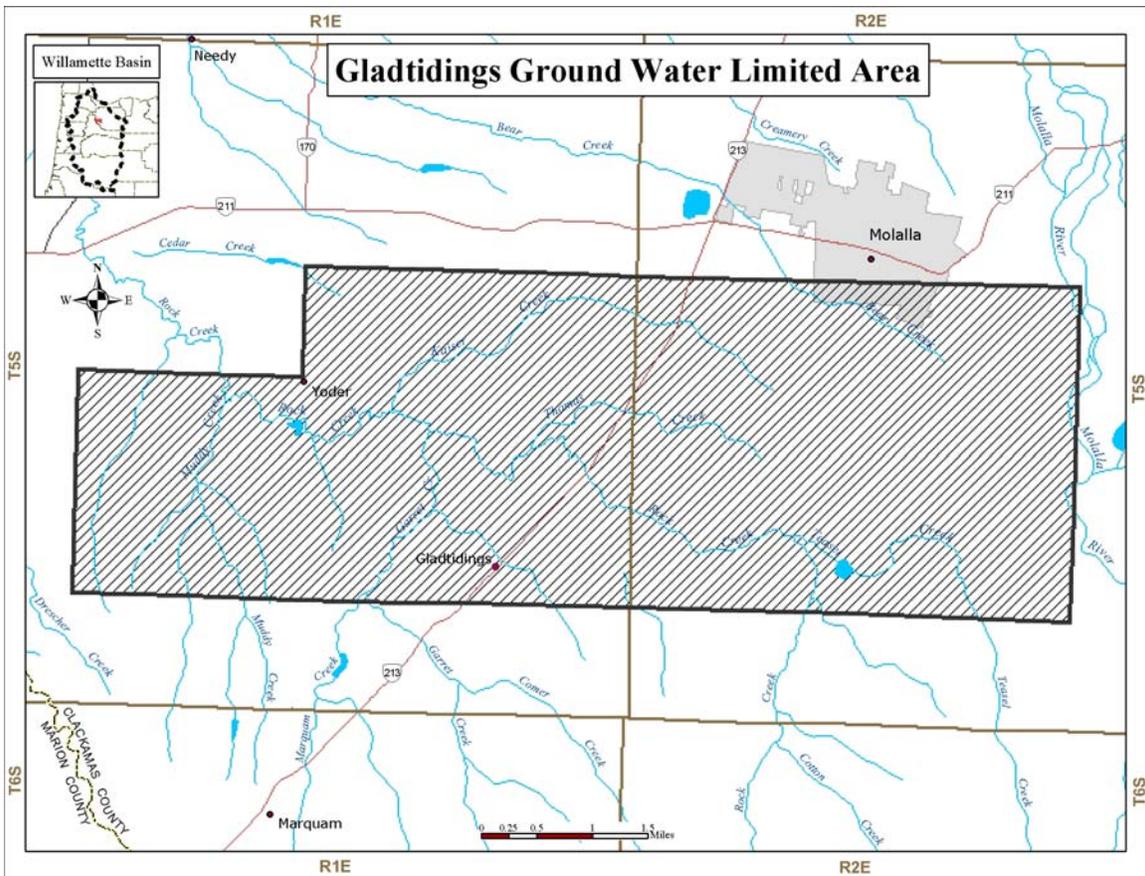


EXHIBIT 4

Kingston Groundwater Limited Area: The aquifer of concern is within the Columbia River Basalt Group.

The boundary of the area is as follows:

Beginning at the northwest corner of the southwest quarter of Section 14, T9S, R1W, WM, thence easterly along the center line of Section 14 and 13 to the northeast corner of the southeast quarter of Section 13, T9S, R1W, WM, thence south along the section line to the southeast corner of Section 25, T9S, R1W, WM, thence west along the section line to the southwest corner of Section 26, T9S, R1W, WM, thence north along the section line to the point of beginning.

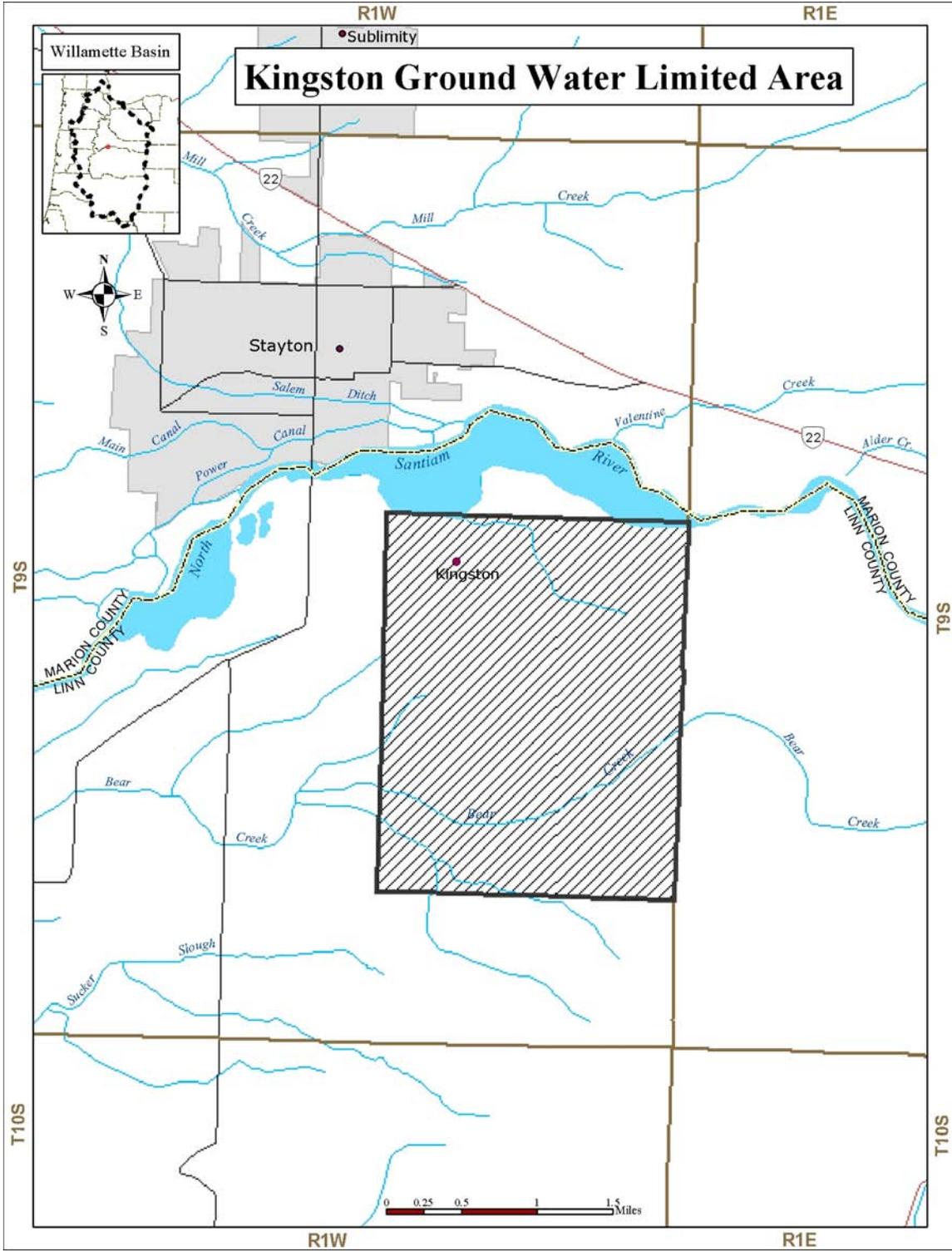


EXHIBIT 5

Mt. Angel Groundwater Limited Area: The aquifer of concern is within the Columbia River Basalt Group.

The Mt. Angel area includes: Section 35 in T5S, R1W, WM, Sections 2, 3, 4, 10, 11, 12, 13, 14 and 24 in T6S, R1W, WM, and Sections 7, 8, 17, 18, 19 and 20 in T6S, R1E, WM.

EXHIBIT 6

Sherwood - Dammasch - Wilsonville Groundwater Limited Area: The aquifer of concern is within the Columbia River Basalt Group.

The boundary of the area is as follows:

Beginning at the southwest corner of Section 31, T3S, R1W, WM, thence northerly along the section line to its intersection with U.S. Highway 99, thence northeasterly along said highway to its intersection with the south boundary of the Cooper Mountain - Bull Mountain Critical Groundwater area, thence easterly along said south boundary to the east line of Section 14, T2S, R1W, WM, thence downstream along the main channel of the Tualatin River to its intersection with the Willamette River, thence upstream along the main channel of the Willamette River to the south line of aforesaid Section 31, thence westerly along the south line of Section 31 to the point of beginning.

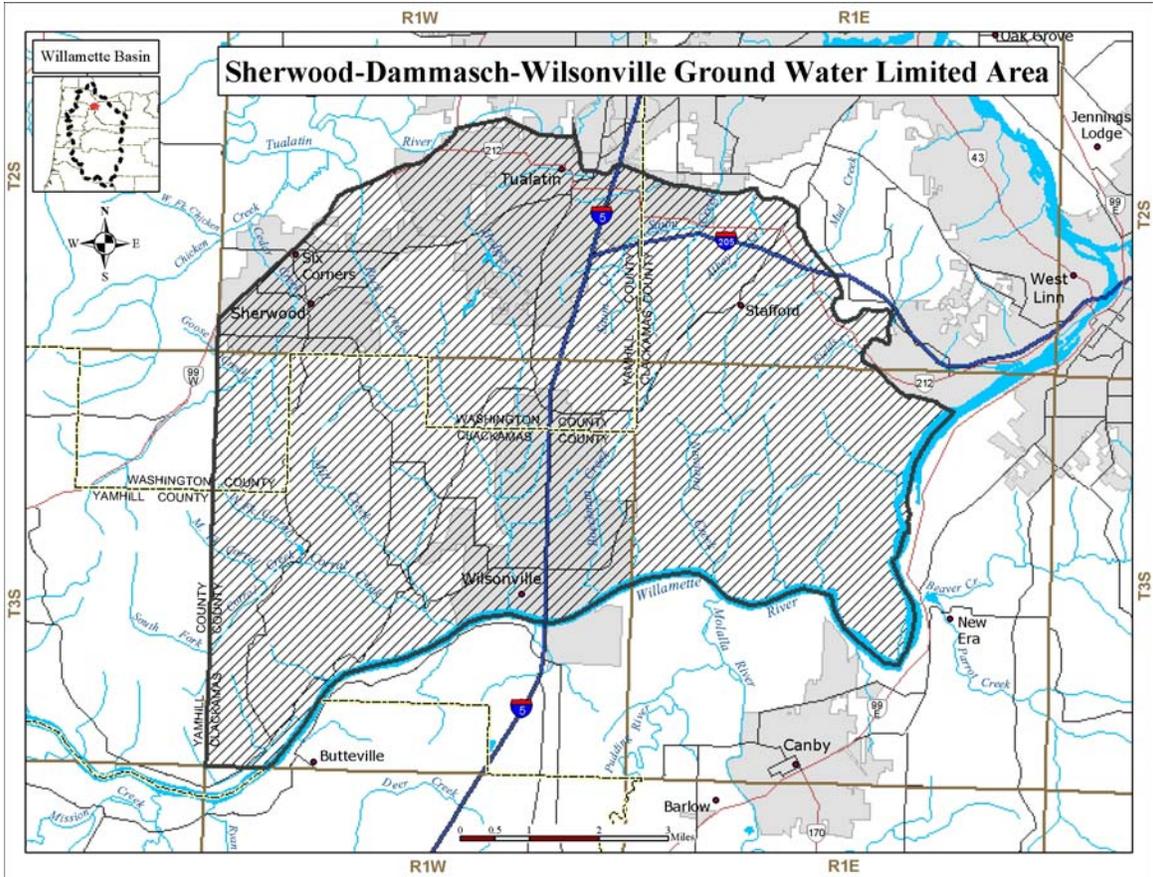


EXHIBIT 7

Stayton - Sublimity Groundwater Limited Area: The aquifer of concern is within the Columbia River Basalt Group.

The boundary of the area is as follows:

Beginning at the northwest corner of Section 14, T8S, R2W, WM, thence east along the section line to the northeast corner of Section 15, T8S, R1E, WM, thence south along the section line to the southeast corner of Section 10, T9S, R1E, WM, thence west along the section line to the southwest line of Section 11, T9S, R2W, WM, thence north along the section line to the point of beginning.

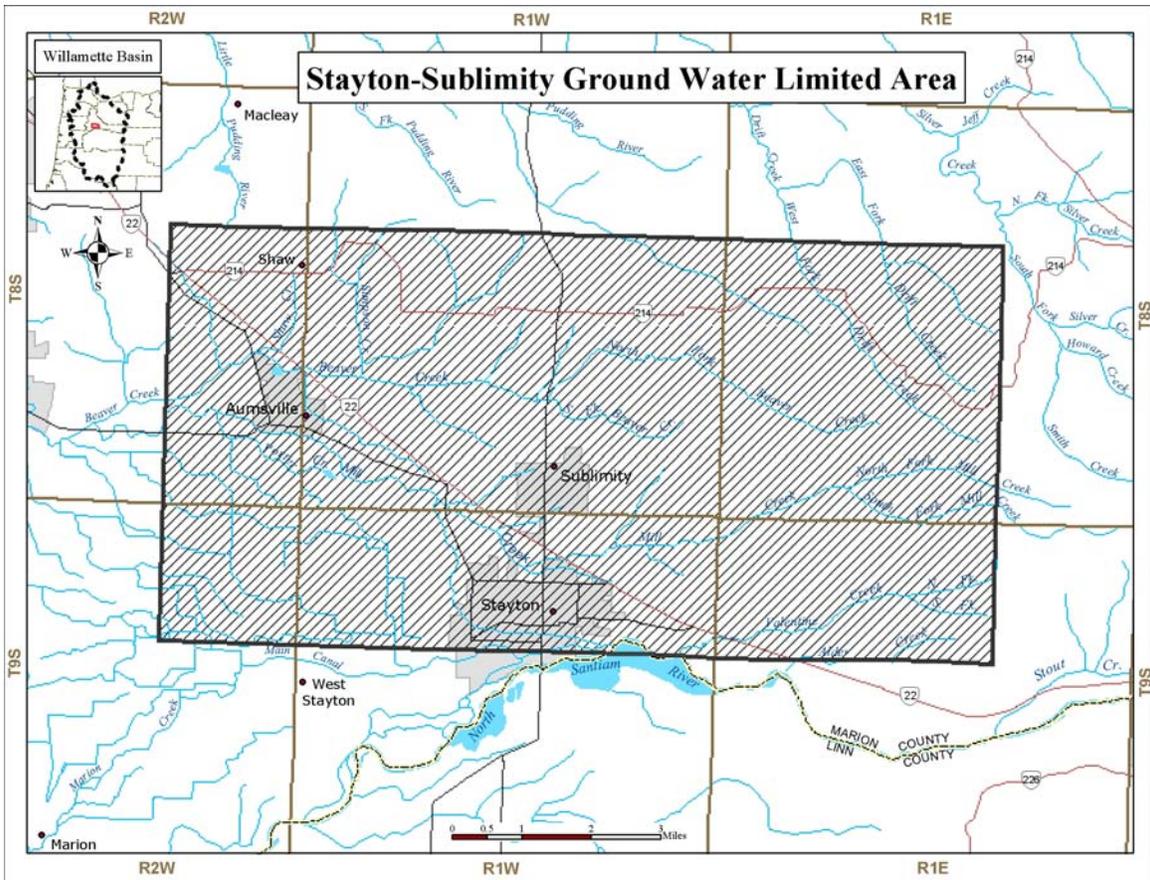


EXHIBIT 8

Chehalem Mountain Groundwater Limited Area: The aquifer of concern is within the Columbia River Basalt Group.

The boundary of the area is as follows:

Beginning at the intersection of U.S. Highway 99W and State Highway 219 in Newberg, thence northerly along Highway 219 to North Valley Road, thence westerly along North Valley Road to Spring Hill Road, thence northerly along Spring Hill Road to Blooming-Fern Hill Road, thence easterly along Blooming-Fern Hill Road to Golf Course Road, thence south along Golf Course Road to Tongue Lane, thence east along Tongue Lane to Johnson School Road, thence southerly and easterly along Johnson School Road to Simpson Road, thence southerly along Simpson Road to State Highway 219, thence southerly along State Highway 219 to the State Highway 208, thence easterly along State Highway 208 to the westerly boundary of the Cooper Mountain - Bull Mountain Critical Groundwater Area, thence southeasterly along the southern boundary of the Critical Groundwater Area to U.S. Highway 99W, thence southwesterly along U.S. Highway 99W to the point of beginning.

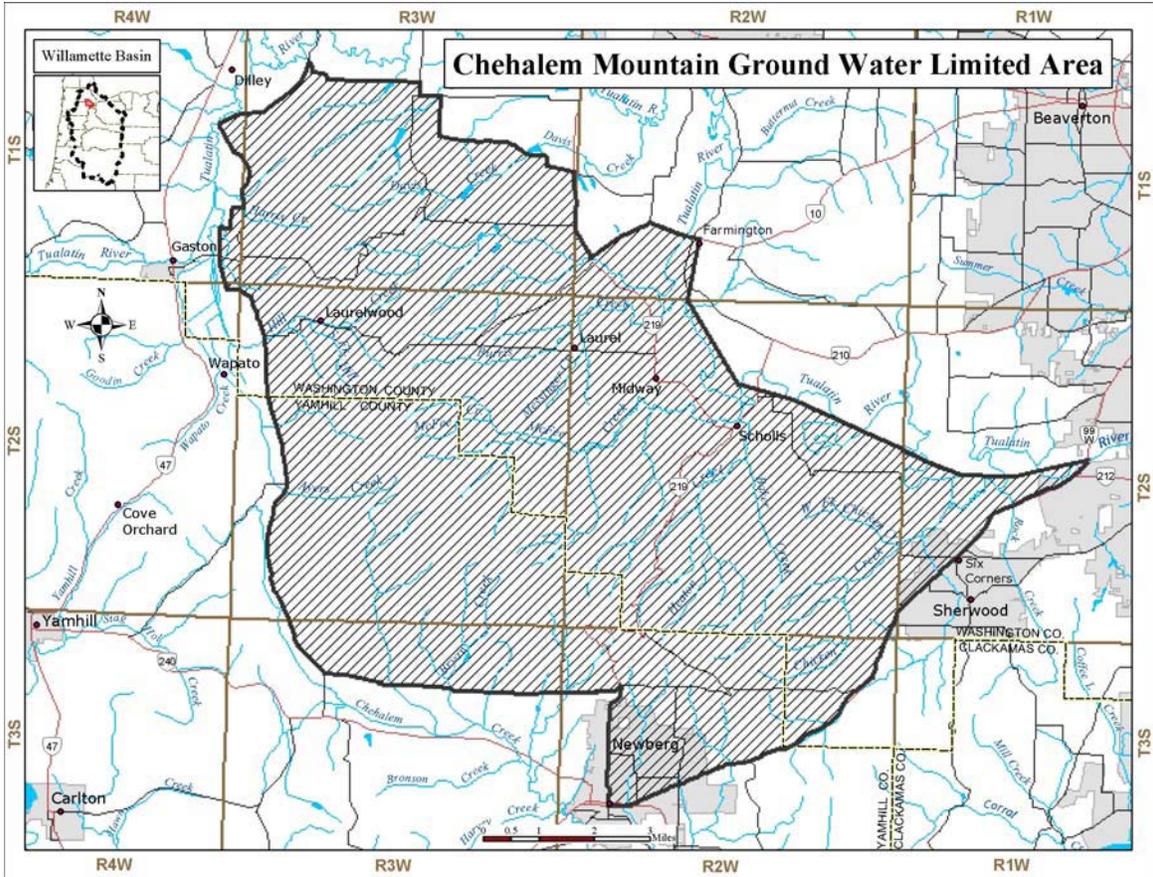


EXHIBIT 9

Parrett Mountain Groundwater Limited Area: The aquifer of concern is within the Columbia River Basalt Group.

The boundary of the area is as follows:

Beginning at the Northwest corner of Section 6, T4S, R1W, WM, thence southerly to the main channel of the Willamette River, thence upstream along the main channel of the Willamette River to a point directly north of the west line of Champoeg State Park, thence north to Wilsonville Road, thence northerly along Wilsonville Road to Ladd Road, thence northerly along Ladd Road to U.S. Highway 99W, thence northeasterly along U.S. Highway 99W to the west line of Section 31, T2S, R1W, WM, thence southerly along the section line to the point of beginning.

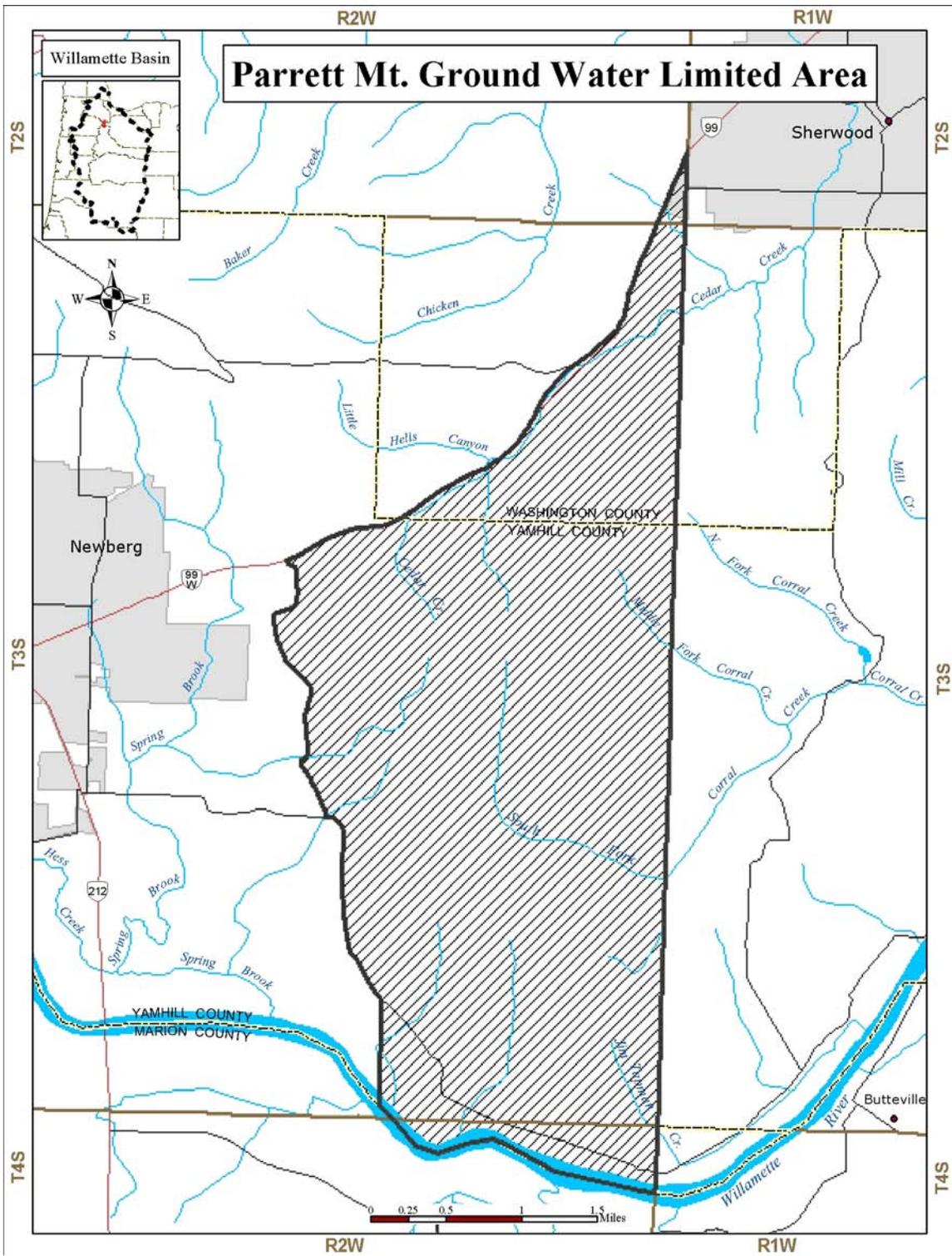


EXHIBIT 10

Eola Hills Groundwater Limited Area: The aquifer of concern is within the Columbia River Basalt Group.

The boundary of the Eola Hills area is as follows: Beginning at the intersection of the south line of Township 5 South and U.S. Highway 99W, thence east along the township line to the Willamette River, thence southerly to Oregon State Highway 22, thence westerly to U.S. Highway 99W, thence northerly along Hwy 99W to the point of beginning.

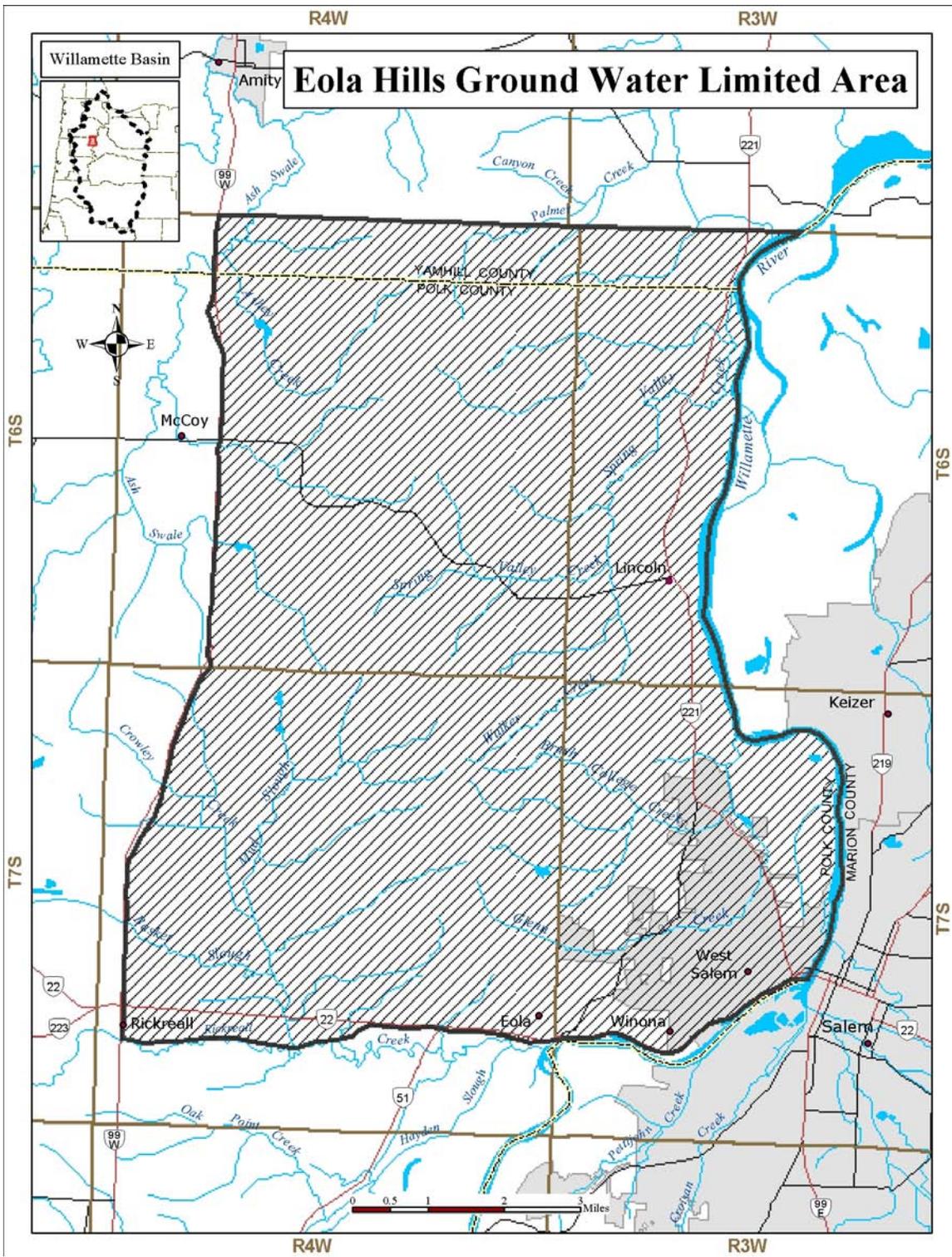


EXHIBIT 11

South Salem Hills Groundwater Limited Area: The aquifer of concern is within the Columbia River Basalt Group.

The boundary of the South Salem Hills area is as follows: Beginning at the intersection of the north line of Township 8 South and the Oregon Electric right-of-way, thence east along the township line to the Southern Pacific right-of-way, thence southerly along the right-of-way to Talbot Road, thence westerly along Talbot Road to the Oregon Electric right-of-way, thence northerly along the right-of-way to the point of beginning.

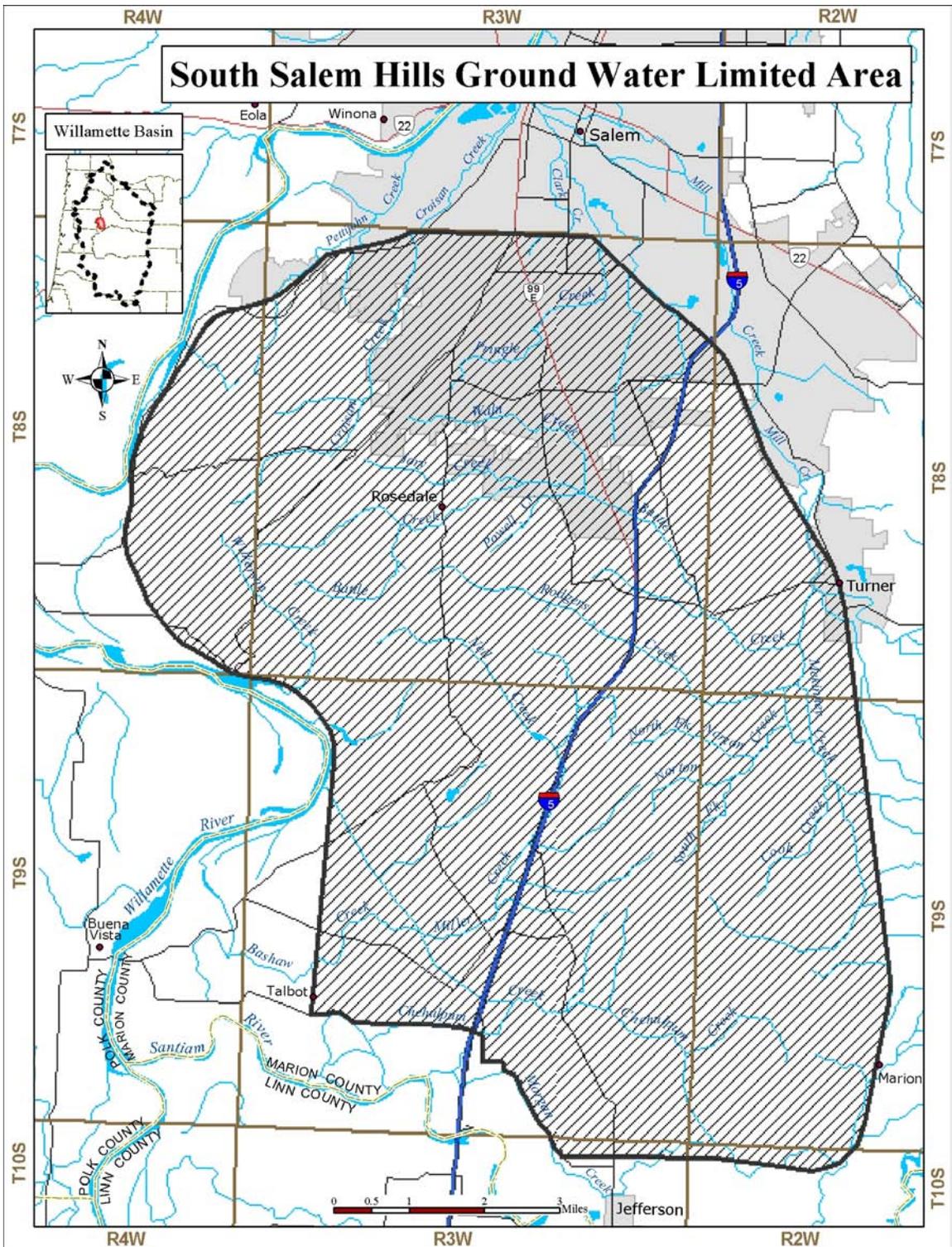


EXHIBIT 12

Amity Hills/Walnut Hill Ground Water Limited Area: The aquifers of concern are within the Columbia River Basalt Group.

The boundary of the Amity Hills/Walnut Hill Area is as follows:

Beginning at the intersection of the south line of Township 5 South and U. S. Highway 99W, thence east along the township line to the Willamette River, thence northerly following the Willamette River to the north line of Township 5 South, thence west along the township line to the intersection with Oregon Highway 233, thence southwesterly along Highway 233 to the intersection with Highway 99W, thence southerly along Highway 99W to the point of beginning.

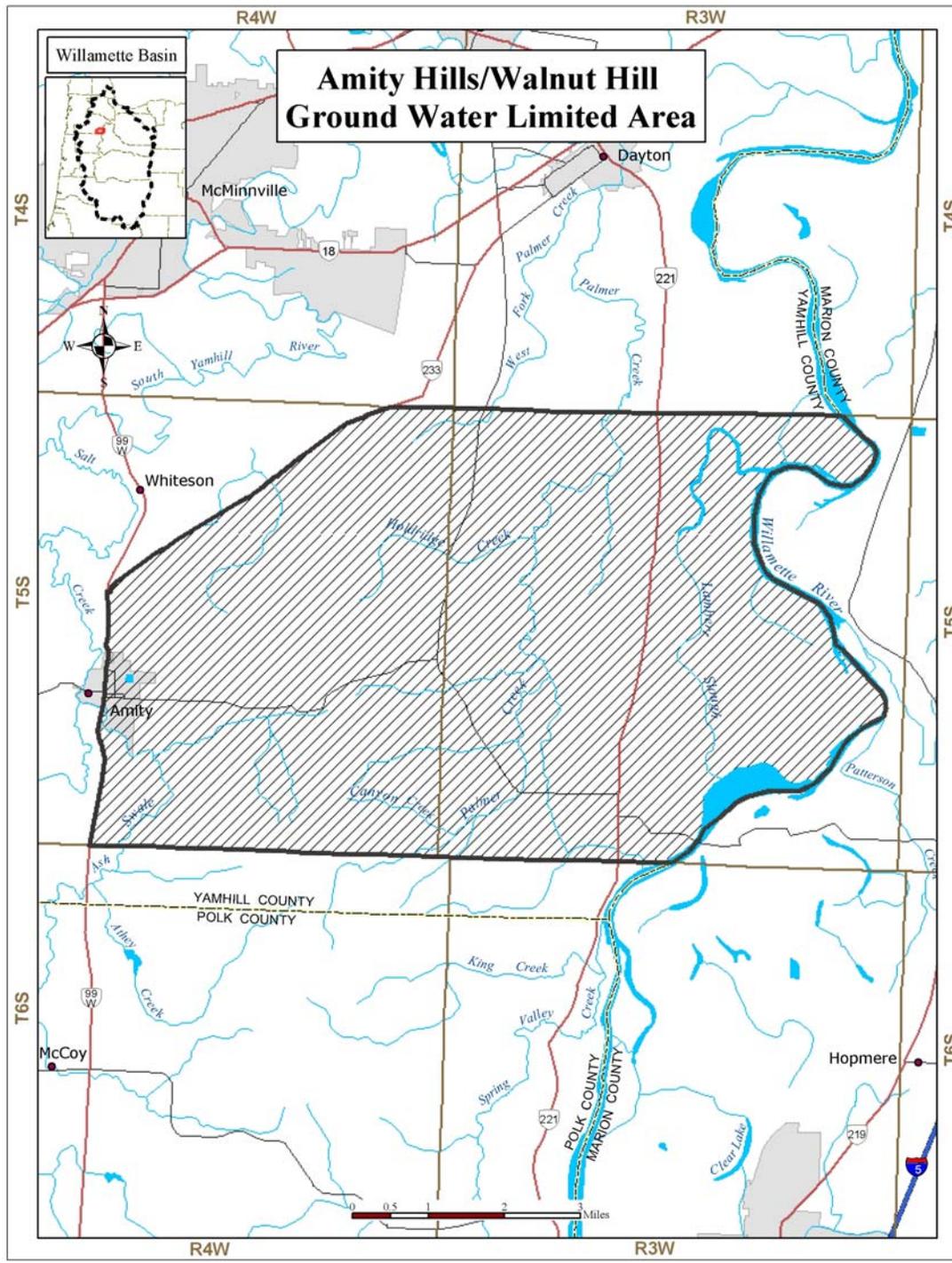


Table 1
Willamette Basin
Minimum Perennial Streamflows
(cfs)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July*	Aug	Sept	Priority Date
WILLAMETTE RIVER SUBBASIN													
Willamette River above gage 14174000 at Albany (natural flow)	1750	1750	1750	1750	1750	1750	1750	1750	1750	1750	1750	1750	6-22-64
(storage releases: up to)	3140	3140	3140	3140	3140	3140	3140	3140	3140	3140	3140	3140	
Willamette River above gage 14191000 at Salem (natural flow)	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	6-22-64
(storage releases: up to)	4700	4700	4700	4700	4700	4700	4700	4700	4700	4700	4700	4700	
Willamette River above gage 14198000 at Wilsonville (natural flow)	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	6-22-64
(storage releases: up to)	4700	4700	4700	4700	4700	4700	4700	4700	4700	4700	4700	4700	
Willamette River above Willamette Falls at Oregon City and maintained to the mouth (natural flow)	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	4-20-71
(storage releases: up to)	4700	4700	4700	4700	4700	4700	4700	4700	4700	4700	4700	4700	
MIDDLE FK WILLAMETTE RIVER SUBBASIN													
Middle Fork Willamette River above the North Fork of the Willamette (natural flow)	285	285	285	285	285	285	285	285	285	285	285	285	6-22-64
(additional from storage releases only)	690	690	690	690	690	690	690	690	690	690	690	690	
Fall Creek at the mouth (natural flow)	40	40	40	40	40	40	40	40	40	40	40	40	6-22-64
(additional from storage releases only)	470	470	470	470	470	470	470	470	470	470	470	470	
Middle Fork Willamette River at the mouth (natural flow)	640	640	640	640	640	640	640	640	640	640	640	640	6-22-64
(additional from storage releases only)	1475	1475	1475	1475	1475	1475	1475	1475	1475	1475	1475	1475	

* Where two flow levels are shown, the first flow level is for the 1st through the 15th and the second flow level is for the 16th through the last day of the month.

** Earlier priority date for all a part of the indicated flows at the gage.

Table 1 (continued)
Willamette Basin
Minimum Perennial Streamflows
(cfs)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July*	Aug	Sept	Priority Date
COAST FK WILLAMETTE RIVER SUBBASIN													
Coast Fork Willamette River above the Row River (natural flow)	15	15	15	15	15	15	15	15	15	15	15	15	6-22-64
(additional from storage releases only)	100	100	100	100	100	100	100	100	100	100	100	100	
Row River at the mouth (natural flow)	40	40	40	40	40	40	40	40	40	40	40	40	6-22-64
(additional from the storage releases only)	150	150	150	150	150	150	150	150	150	150	150	150	
Coast Fork Willamette River at the mouth (natural flow)	40	40	40	40	40	40	40	40	40	40	40	40	6-22-64
(additional from storage releases only)	250	250	250	250	250	250	250	250	250	250	250	250	
MCKENZIE RIVER SUBBASIN													
South Fork McKenzie River at the mouth (natural flow)	200	200	200	200	200	200	200	200	200	200	200	200	6-22-64
(additional from storage releases only)	230	230	230	230	230	230	230	230	230	230	230	230	
Blue River at the mouth (natural flow)	30	30	30	30	30	30	30	30	30	30	30	30	6-22-64
(additional from storage releases only)	350	350	350	350	350	350	350	350	350	350	350	350	
McKenzie River at gage 14162500 (natural flow)	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	6-22-64
(additional from storage releases only)	580	580	580	580	580	580	580	580	580	580	580	580	
McKenzie River at the Interstate Highway 5 bridge (natural flow)	1025	1025	1025	1025	1025	1025	1025	1025	1025	1025	1025	1025	6-22-64
(additional from storage releases only)	700	700	700	700	700	700	700	700	700	700	700	700	

* Where two flow levels are shown, the first flow level is for the 1st through the 15th and the second flow level is for the 16th through the last day of the month.

** Earlier priority date for all a part of the indicated flows at the gage.

Table 1 (continued)
Willamette Basin
Minimum Perennial Streamflows
(cfs)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July*	Aug	Sept	Priority Date
LONG TOM RIVER SUBBASIN													
Long Tom River at gage 14170000 (from storage releases only)	370	370	370	370	370	370	370	370	370	370	370	370	6-22-64
SANTIAM – CALAPOOIA RIVER SUBBASIN													
Middle Santiam River above gage 14186500 near Foster (natural flow)	110	110	110	110	110	110	110	110	110	110	110	110	6-22-64
(storage releases: up to)	260	260	260	260	260	260	260	260	260	260	260	260	
South Santiam River above gage 14187500 at Waterloo (natural flow)	170	170	170	170	170	170	170	170	170	170	170	170	6-22-64
(storage releases: up to)	930	930	930	930	930	930	930	930	930	930	930	930	
North Santiam River above gage 14181500 at Niagra (natural flow)	500	500	500	500	500	500	500	500	500	500	500	500	6-22-64
(storage releases: up to)	640	640	640	640	640	640	640	640	640	640	640	640	
North Santiam River above gage 14183000 at Mehama (natural flow)	580	580	580	580	580	580	580	580	580	580	580	580	6-22-64
(storage releases: up to)	640	640	640	640	640	640	640	640	640	640	640	640	
North Santiam River above gage 14184100 near Jefferson (natural flow)	430	430	430	430	430	430	430	430	430	430	430	430	6-22-64
(storage release: up to)	640	640	640	640	640	640	640	640	640	640	640	640	
Santiam River above gage 14189000 near Jefferson (natural flow)	330	330	330	330	330	330	330	330	330	330	330	330	6-22-64
(storage releases: up to)	1570	1570	1570	1570	1570	1570	1570	1570	1570	1570	1570	1570	

* Where two flow levels are shown, the first flow level is for the 1st through the 15th and the second flow level is for the 16th through the last day of the month.

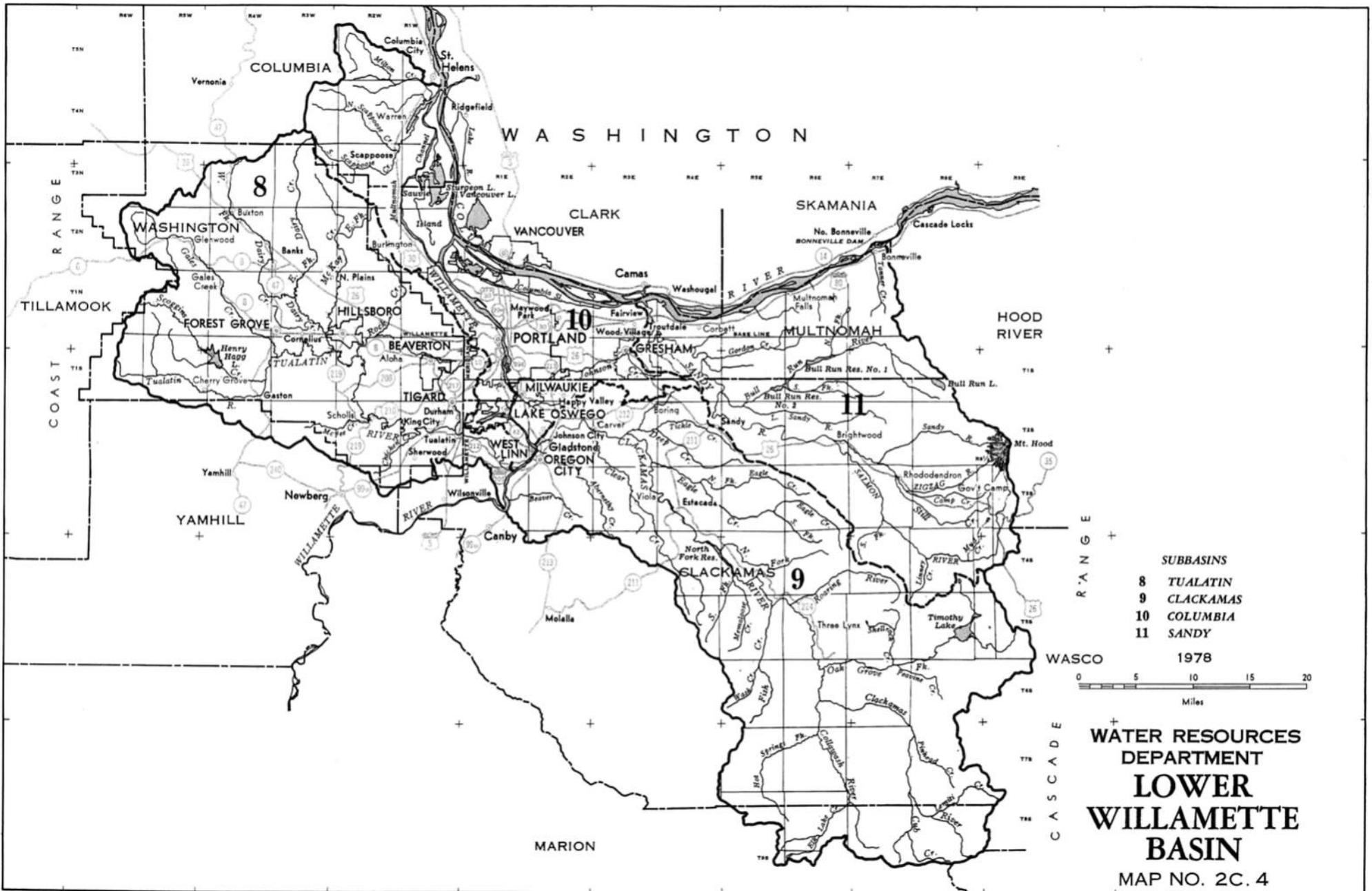
** Earlier priority date for all a part of the indicated flows at the gage.

Table 1 (continued)
Willamette Basin
Minimum Perennial Streamflows
(cfs)

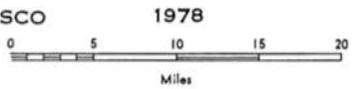
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July*	Aug	Sept	Priority Date
Santiam River at the mouth (natural flow)	320	320	320	320	320	320	320	320	320	320	320	320	6-22-64
(storage releases: up to)	1570	1570	1570	1570	1570	1570	1570	1570	1570	1570	1570	1570	
Calapooia River above gage 14172000 at Holley (natural flow)	30	30	30	30	30	30	30	30	30	30	30	30	6-22-64
(storage releases: up to)	340	340	340	340	340	340	340	340	340	340	340	340	
Calapooia River above gage 14173500 at Albany (natural flow)	20	20	20	20	20	20	20	20	20	20	20	20	6-22-64
(storage releases: up to)	340	340	340	340	340	340	340	340	340	340	340	340	
TUALATIN RIVER SUBBASIN													
Tualatin River above gage 14207500 at West Linn and maintained to the mouth (natural flow)**	90	110	30	30	30	30	30	85	130	40/ 30	30	25	4-15-70
Tualatin River above gage 14207500 at West Linn and maintained to the mouth (natural flow)**	90	250	250	250	250	250	250	250	130	40/ 30	30	25	4-19-75
(storage releases from Scoggins Reservoir: up to)	15								20	75	75	60	
(total storage releases: up to)	250								250	250	250	250	

* Where two flow levels are shown, the first flow level is for the 1st through the 15th and the second flow level is for the 16th through the last day of the month.

** Earlier priority date for all a part of the indicated flows at the gage.

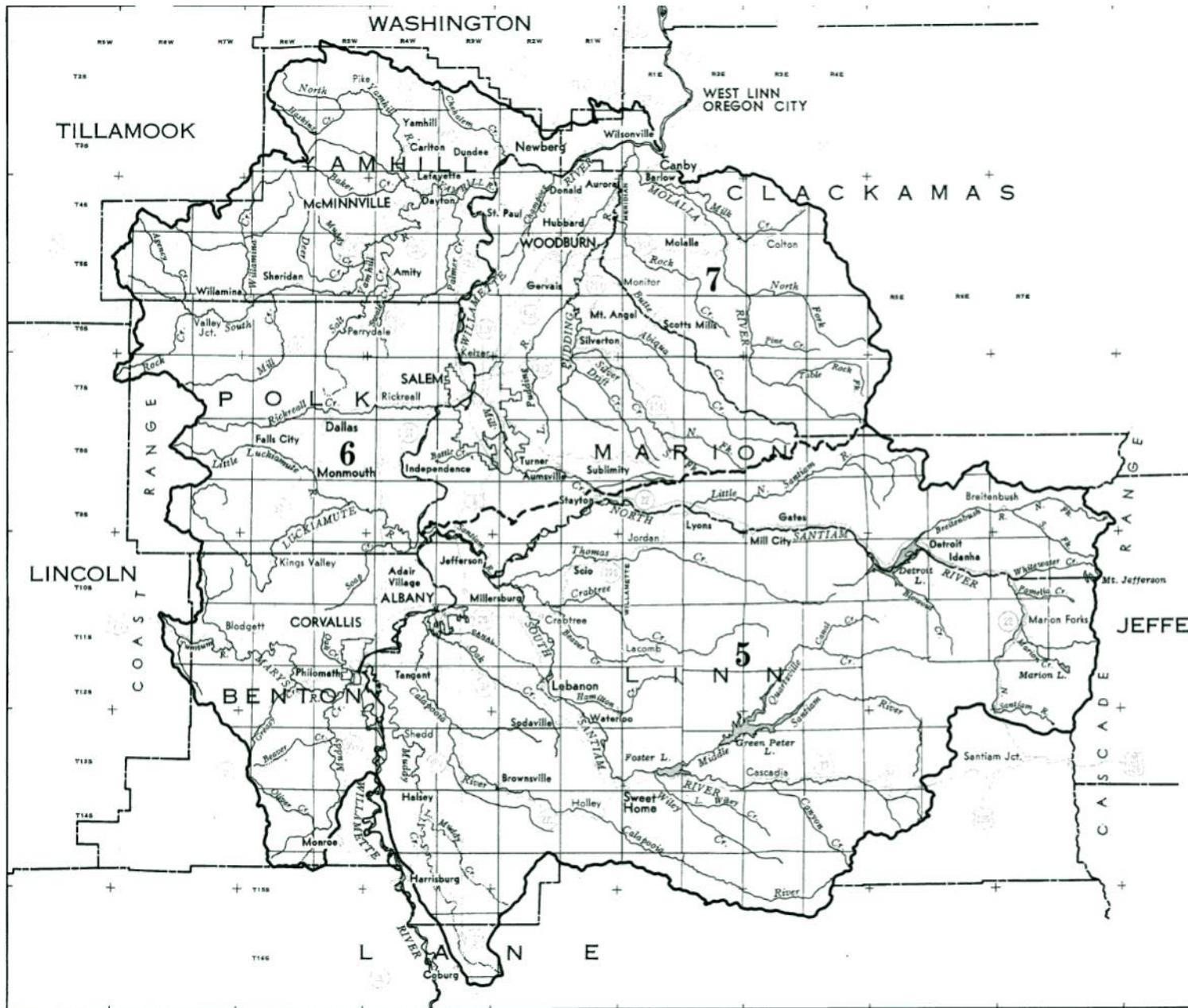


- SUBBASINS**
- 8 TUALATIN
 - 9 CLACKAMAS
 - 10 COLUMBIA
 - 11 SANDY



**WATER RESOURCES
DEPARTMENT
LOWER
WILLAMETTE
BASIN**

MAP NO. 2C.4



SUBBASINS

- 5 SANTIAM
- 6 COAST RANGE
- 7 PUDDING

1978



**WATER RESOURCES
DEPARTMENT**

**MIDDLE
WILLAMETTE
BASIN**

MAP NO. 2B.4

