Puget Sound Chinook ESU

as published in the Federal Register on Sept. 2, 2005 (70FR52630 - 52858). These pages have been extracted from the FR notice to assist those readers interested only in the maps and regulatory text pertaining to this ESU. The complete FR notice can be downloaded at: http://www.nwr.noaa.gov/Publications/FR-Notices/2005/Index.cfm.
(7) Ozette Lake sockeye salmon ...............................................................
WA—Clark, Cowlitz, Klickitat, Lewis, Pacific, Skamania, and Wahkiakum.

(8) Upper Columbia River steelhead ....................................................
(i) OR—Clatsop, Columbia, Gilliam, Hood River, Morrow, Multnomah, Umatilla, and Wasco.  
(ii) WA—Adams, Benton, Chelan, Clark, Cowlitz, Douglas, Franklin, Grant, Kittitas, Klickitat, Okanogan, Pacific, Skamania, Wahkiakum, Walla Walla, and Yakima.

(9) Snake River Basin steelhead ...........................................................
(i) ID—Adams, Blaine, Clearwater, Custer, Idaho, Latah, Lemhi, Lewis, Nez Perce, and Valley.  
(ii) OR—Clatsop, Columbia, Gilliam, Hood River, Morrow, Multnomah, Sherman, Umatilla, Union, Wallowa, and Wasco.  

(10) Middle Columbia River steelhead ..................................................
(i) OR—Clatsop, Columbia, Cowlitz, Franklin, King, Kittitas, Klickitat, Lewis, Pacific, Pierce, Skamania, Wahkiakum, Walla Walla, and Yakima.

(11) Lower Columbia River steelhead ..................................................
(i) OR—Clackamas, Clatsop, Columbia, Hood River, Marion, and Multnomah.  
(ii) WA—Clark, Cowlitz, Klickitat, Lewis, Pacific, Skamania, and Wahkiakum.

(12) Upper Willamette River steelhead .................................................
(i) OR—Benton, Clackamas, Clatsop, Columbia, Linn, Marion, Multnomah, Polk, Tillamook, Washington, and Yamhill.  
(ii) WA—Clark, Cowlitz, Pacific, and Wahkiakum.

(b) Critical habitat boundaries.
Critical habitat includes the stream channels within the designated stream reaches, and includes a lateral extent as defined by the ordinary high-water line (33 CFR 319.11). In areas where ordinary high-water line has not been defined, the lateral extent will be defined by the bankfull elevation. Bankfull elevation is the level at which water begins to leave the channel and move into the floodplain and is reached at a discharge which generally has a recurrence interval of 1 to 2 years on the annual flood series. Critical habitat in lake areas is defined by the perimeter of the water body as displayed on standard 1:24,000 scale topographic maps or the elevation of ordinary high water, whichever is greater. In estuarine and nearshore marine areas critical habitat includes areas contiguous with the shoreline from the line of extreme high water out to a depth no greater than 30 meters relative to mean lower low water.

(c) Primary constituent elements.
Within these areas, the primary constituent elements essential for the conservation of these ESUs are those sites and habitat components that support one or more life stages, including:
(1) Freshwater spawning sites with water quantity and quality conditions and substrate supporting spawning, incubation and larval development;  
(2) Freshwater rearing sites with:
(i) Water quantity and floodplain connectivity to form and maintain physical habitat conditions and support juvenile growth and mobility;  
(ii) Water quality and forage supporting juvenile development; and  
(iii) Natural cover such as shade, submerged and overhanging large wood, log jams and beaver dams, aquatic vegetation, large rocks and boulders, side channels, and undercut banks;
(3) Freshwater migration corridors free of obstruction and excessive predation with water quantity and quality conditions and natural cover such as submerged and overhanging large wood, aquatic vegetation, large rocks and boulders, side channels, and undercut banks supporting juvenile and adult mobility and survival;
(4) Estuarine areas free of obstruction and excessive predation with:
(i) Water quality, water quantity, and salinity conditions supporting juvenile and adult physiological transitions between fresh- and saltwater;  
(ii) Natural cover such as submerged and overhanging large wood, aquatic vegetation, large rocks and boulders, side channels; and  
(iii) Juvenile and adult forage, including aquatic invertebrates and fishes, supporting growth and maturation;
(5) Nearshore marine areas free of obstruction and excessive predation with:
(i) Water quality and quantity conditions and forage, including aquatic invertebrates and fishes, supporting growth and maturation; and  
(ii) Natural cover such as submerged and overhanging large wood, aquatic vegetation, large rocks and boulders,
and side channels.

(6) Offshore marine areas with water quality conditions and forage, including aquatic invertebrates and fishes, supporting growth and maturation.

(d) Exclusion of Indian lands. Critical habitat does not include habitat areas on Indian lands. The Indian lands specifically excluded from critical habitat are those defined in the Secretarial Order, including:

1. Lands held in trust by the United States for the benefit of any Indian tribe;
2. Land held in trust by the United States for any Indian Tribe or individual subject to restrictions by the United States against alienation;
3. Fee lands, either within or outside the reservation boundaries, owned by the tribal government; and
4. Fee lands within the reservation boundaries owned by individual Indians.

(e) Land owned or controlled by the Department of Defense. Critical habitat does not include any areas subject to an approved Integrated Natural Resource Management Plan or associated with Department of Defense easements or right-of-ways. In areas within Navy security zones identified at 33 CFR 334 that are outside the areas described above, critical habitat is only designated within a narrow nearshore zone from the line of extreme high tide down to the line of mean lower low water. The specific sites addressed include:

1. Naval Submarine Base, Bangor;
2. Naval Undersea Warfare Center, Keyport;
3. Naval Ordnance Center, Port Hadlock (Indian Island);
4. Naval Radio Station, Jim Creek;
5. Naval Fuel Depot, Manchester;
6. Naval Air Station Whidbey Island;
7. Naval Air Station, Everett;
8. Bremerton Naval Hospital;
9. Fort Lewis (Army);
10. Pier 23 (Army);
11. Yakima Training Center (Army);
12. Puget Sound Naval Shipyard;
13. Naval Submarine Base Bangor security zone;
14. Strait of Juan de Fuca naval air-to-surface weapon range, restricted area;
15. Hood Canal and Dabob Bay naval non-explosive torpedo testing area;
16. Strait of Juan de Fuca and Whidbey Island naval restricted areas;
17. Admiralty Inlet naval restricted area;
18. Port Gardner Naval Base restricted area;
19. Hood Canal naval restricted areas;
20. Port Orchard Passage naval restricted area;
21. Sinclair Inlet naval restricted areas;
22. Carr Inlet naval restricted areas;
23. Dabob Bay/Whitney Point naval restricted area; and
24. Port Townsend/Indian Island/Whalan Point naval restricted area.

(f) Land subject to the Washington Department of Natural Resources Habitat Conservation Plan. Critical habitat is excluded on lands covered by the incidental take permit issued by NMFS under section 10(a)(1)(B) of the ESA to the Washington Department of Natural Resources.

(g) Land subject to the Green Diamond Company Habitat Conservation Plan. Critical habitat is included on lands covered by the Incidental take permit issued by NMFS under section 10(a)(1)(B) of the ESA to the Green Diamond Resources Company (formerly Simpson Timber Company).

(h) Land subject to the West Fork Timber Company Habitat Conservation Plan. Critical habitat is excluded on lands covered by the incidental take permit issued by NMFS under section 10(a)(1)(B) of the ESA to the West Fork Timber Company (formerly Murray Pacific Corporation).
vegetation, large rocks and boulders, side channels, and undercut banks.

(3) Freshwater migration corridors free of obstruction and excessive predation with water quantity and quality conditions and natural cover such as submerged and overhanging large wood, aquatic vegetation, large rocks and boulders, side channels, and undercut banks supporting juvenile and adult mobility and survival.

(4) Estuarine areas free of obstruction and excessive predation with:

(i) Water quality, water quantity, and salinity conditions supporting juvenile and adult physiological transitions between fresh- and saltwater;

(ii) Natural cover such as submerged and overhanging large wood, aquatic vegetation, large rocks and boulders, side channels; and

(iii) Juvenile and adult forage, including aquatic invertebrates and fishes, supporting growth and maturation.

(5) Nearshore marine areas free of obstruction and excessive predation with:

(i) Water quality and quantity conditions and forage, including aquatic invertebrates and fishes, supporting growth and maturation; and

(ii) Natural cover such as submerged and overhanging large wood, aquatic vegetation, large rocks and boulders, and side channels.

(6) Offshore marine areas with water quality conditions and forage, including aquatic invertebrates and fishes, supporting growth and maturation.

Indian lands. Critical habitat does not include habitat areas on Indian lands. The Indian lands specifically excluded from critical habitat are those defined in the Secretary Order, including:

(1) Lands held in trust by the United States for the benefit of any Indian tribe;

(2) Land held in trust by the United States for any Indian Tribe or individual subject to restrictions by the United States against alienation;

(3) Fee lands, either within or outside the reservation boundaries, owned by the tribal government; and

(4) Fee lands within the reservation boundaries owned by individual Indians.

(e) Land owned or controlled by the Department of Defense. Critical habitat does not include any areas subject to an approved Integrated Natural Resource Management Plan or associated with Department of Defense easements or right-of-ways. In areas within Navy security zones identified at 33 CFR 334 that are outside the areas described above, critical habitat is only designated within a narrow nearshore zone from the line of extreme high tide down to the line of mean lower low water. The specific sites addressed include:

(1) Naval Submarine Base, Bangor;

(2) Naval Undersea Warfare Center, Keyport;

(3) Naval Ordnance Center, Port Hadlock (Indian Island);

(4) Naval Radio Station, Jim Creek;

(5) Naval Fuel Depot, Manchester;

(6) Naval Air Station Whidbey Island;

(7) Naval Air Station, Everett;

(8) Bremerton Naval Hospital;

(9) Fort Lewis (Army);

(10) Pier 23 (Army);

(11) Yakima Training Center (Army);

(12) Puget Sound Naval Shipyard;

(13) Naval Submarine Base Bangor security zone;

(14) Strait of Juan de Fuca naval air-to-surface weapon range, restricted area;

(15) Hood Canal and Dabob Bay naval non-explosive torpedo testing area;

(16) Strait of Juan de Fuca and Whidbey Island naval restricted areas;

(17) Admiralty Inlet naval restricted area;

(18) Port Gardner Naval Base restricted area;

(19) Hood Canal naval restricted areas;

(20) Port Orchard Passage naval restricted area;

(21) Sinclair Inlet naval restricted areas;

(22) Carr Inlet naval restricted areas;

(23) Dabob Bay/Whitney Point naval restricted area; and

(24) Port Townsend/Indian Island/Walan Point naval restricted area.

(f) Land subject to the Washington Department of Natural Resources Habitat Conservation Plan. Critical habitat is excluded on lands covered by the incidental take permit issued by NMFS under section 10(a)(1)(B) of the ESA to the Washington Department of Natural Resources.

(g) Land subject to the Green Diamond Company Habitat Conservation Plan. Critical habitat is excluded on lands covered by the incidental take permit issued by NMFS under section 10(a)(1)(B) of the ESA to the Green Diamond Resources Company (formerly Simpson Timber Company).

(h) Land subject to the West Fork Timber Company Habitat Conservation Plan. Critical habitat is excluded on lands covered by the incidental take permit issued by NMFS under section 10(a)(1)(B) of the ESA to the West Fork Timber Company (formerly Murray Pacific Corporation).

(i) Puget Sound Chinook Salmon (Oncorhynchus tshawytscha). Critical habitat is designed to include the areas defined in the following subsbasins:

(1) Nooksack Subbasin 17110004—(i) Upper North Fork Nooksack River Watershed 1711000401. Outlet(s) = North Fork Nooksack River (Lat 48.9055, Long −121.9886) upstream to endpoint(s) in: Boyd Creek (48.8998, −121.8640); Canyon Creek (48.9366, −121.9451); Cascade Creek (48.8996, −121.8621); Cornell Creek (48.8882, −121.9594); Deadhorse Creek (48.9024, −121.8359); Galeet Creek (48.8849, −121.9447); Glacier Creek (48.8197, −121.8931); Hedrick Creek (48.8953, −121.9705); Thompson Creek (48.8837, −121.9028); Wells Creek (48.8940, −121.7976).

(ii) Middle Fork Nooksack River Watershed 1711000402. Outlet(s) = Middle Fork Nooksack River (Lat 48.8342, Long −122.1540) upstream to endpoint(s) in: Canyon Creek (48.8374, −122.1198); Clearwater Creek (48.7841, −122.0293); Middle Fork Nooksack River (48.7249, −121.8999); Porter Creek (48.7951, −122.1098); Sister Creek (48.7492, −121.9736); Unnamed (48.7809, −122.1157); Unnamed (48.7860, −122.1214); Warm Creek (48.7559, −121.9741).

(iii) South Fork Nooksack River Watershed 1711000403. Outlet(s) = South Fork Nooksack River (Lat 48.8095, Long −122.2026) upstream to endpoint(s) in: Black Slough (48.7715, −122.1931); Cavanough Creek (48.6446, −122.1094); Deer Creek (48.6041, −122.0912); Edifro Creek (48.6607, −122.1206); Hobes Creek (48.6230, −122.1139); Hard Scrabble Falls Creek (48.7601, −122.2273); Howard Creek (48.6118, −121.9601); Hutchins Creek (48.7056, −122.1663); Jones Creek (48.7186, −122.2130); Mccarty Creek (48.7275, −122.2188); Plumbago Creek (48.6088, −122.0949); Pond Creek (48.6958, −122.1651); Skookum Creek (48.6871, −122.1029); South Fork Nooksack River (48.6133, −121.9000); Standard Creek (48.7444, −122.2191); Sygitowicz Creek (48.7722, −122.2269); Unnamed (48.6048, −121.9143); Unnamed (48.6213, −122.1093); Unnamed (48.7174, −122.1815); Unnamed (48.7231, −122.1868); Unnamed (48.7843, −122.2188).

(iv) Lower North Fork Nooksack River Watershed 1711000404. Outlet(s) = Nooksack River (Lat 48.8711, Long −122.3227) upstream to endpoint(s) in: Anderson Creek (48.8088, −122.3410); Boulder Creek (48.9314, −122.0258); Coal Creek (48.8889, −122.1506); Kendall Creek (48.9251, −122.1455); Kenney Creek (48.8510, −122.1368); Macaulay Creek (48.8353, −122.2345); Maple Creek (48.9262, −122.0751); Mitchell Creek (48.8474, −122.1474); North Fork Nooksack River (48.9055, −121.9886); Racehorse Creek (48.8819,
(3) Sauk Subbasin 17110006—(i) Upper Sauk River Watershed
1711000601. Outlet(s) = Sauk River (Lat 48.1731, Long –121.4714) upstream to endpoint(s) in: Camp Creek (48.1559, –121.2909); North Fork Sauk River (48.0962, –121.3710); Owl Creek (48.1623, –121.2948); South Fork Sauk River (48.0670, –121.4088); Swift Creek (48.1011, –121.3975); Unnamed (48.1653, –121.3288); White Chuck River (48.1528, –121.2645).

(ii) Upper Skagit River Watershed 1711000602. Outlet(s) = Skagit River (Lat 48.2586, Long –121.2237) upstream to endpoint(s) in: Downey Creek (48.2828, –121.2083); Milk Creek (48.2207, –121.1634); Suiattle River (48.2211, –121.1609); Sulphur Creek (48.2560, –121.1773); Unnamed (48.2338, –121.1792).

(iii) Lower Skagit River Watershed 1711000603. Outlet(s) = Suiattle River (Lat 48.3384, Long –121.5482) upstream to endpoint(s) in: Big Creek (48.3435, –121.4416); Buck Creek (48.2753, –121.3268); Circle Creek (48.2555, –121.3395); Lime Creek (48.2445, –121.2933); Straight Creek (48.2594, –121.4009); Suiattle River (48.2586, –121.2237); Tenas Creek (48.3371, –121.4304).

(iv) Lower Sauk River Watershed 1711000604. Outlet(s) = Sauk River (Lat 48.4821, Long –121.6606) upstream to endpoint(s) in: Dan Creek (48.2702, –121.5473); Sauk River (48.1731, –121.4714); Unnamed (48.2247, –121.5826); Unnamed (48.3187, –121.5480).

(4) Lower Skagit Subbasin 17110007—(i) Middle Skagit River/Finney Creek Watershed 1711000701. Outlet(s) = Skagit River (Lat 48.4891, Long –122.2178) upstream to endpoint(s) in: Alder Creek (48.5280, –121.9498); Day Creek (48.4689, –122.0216); Finney Creek (48.4655, –121.6858); Grandy Creek (48.5510, –121.8621); Hansen Creek (48.5600, –122.2069); Jims Slough (48.5274, –122.0227); Jones Creek (48.5418, –122.0494); Manners Creek (48.5260, –122.0430); Muddy Creek (48.5278, –122.0007); Plessert Creek (48.5099, –121.8449); Skagit River (48.5333, –121.7370); Sorenson Creek (48.4875, –122.1029); Unnamed (48.4887, –122.0747); Unnamed (48.5312, –122.0149); Wiseman Creek (48.5160, –122.1286).

(ii) Lower Skagit River/Nookachamps Creek Watershed 1711000702. Outlet(s) = Browns Slough (Lat 48.3305, Long –122.1494); Freshwater Slough (48.3109, –122.3863); Hall Slough (48.3396, –122.1696); His Slough (48.2975, –122.3711); North Fork Skagit River (48.3625, –122.4689); South Fork Skagit River (48.2920, –122.3670); Unnamed (48.3085, –122.3868); Unnamed (48.3831, –122.4842) upstream to endpoint(s) in: Brit Slough (48.3935, –122.3571); Browns Slough (48.3411, –122.4127); East Fork Nookachamps Creek (48.4044, –122.1790); Hall Slough (48.3437, –122.4376); Mundt Creek (48.4249, –122.2007); Skagit River (48.4891, –122.2178); Unnamed (48.3703, –122.3081); Unnamed (48.3827, –122.1893); Unnamed (48.3924, –122.4822); Walker Creek (48.3778, –122.1899).

(5) Stillaguamish Subbasin 17110008—(i) North Fork Stillaguamish River Watershed 1711000801. Outlet(s) = North Fork Stillaguamish River (Lat 48.2037, Long –122.1256) upstream to endpoint(s) in: Ashon Creek (48.2545, –121.6708); Boulder River (48.2624, –121.8090); Deer Creek (48.2835, –121.9255); French Creek (48.2534, –121.7856); Furland Creek (48.2624, –121.6749); Grant Creek (48.2873, –122.0118); North Fork Stillaguamish River (48.3041, –121.6360); Rollins Creek (48.2908, –121.8441); Squire Creek (48.2389, –121.6374); Unnamed (48.2393, –121.6285); Unnamed (48.2739, –121.9948).

(ii) South Fork Stillaguamish River Watershed 1711000802. Outlet(s) = South Fork Stillaguamish River (Lat 48.2037, Long –122.1256) upstream to endpoint(s) in: Jim Creek (48.2230, –121.9483); North Fork Canyon Creek (48.1697, –121.8194); Siberia Creek (48.1731, –122.0377); South Fork Canyon Creek (48.1954, –121.7840); South Fork Stillaguamish River (48.0454, –121.4819); Unnamed (48.1463, –122.0162).

(iii) Lower Stillaguamish River Watershed 1711000803. Outlet(s) = Stillaguamish River (Lat 48.2385, Long –122.3749); Unnamed (48.1983, –122.3579) upstream to endpoint(s) in: Armstrong Creek (48.2189, –122.1347); Pilchuck Creek (48.2983, –122.1672); Stillaguamish River (48.2037, –122.1256).

(6) Skykomish Subbasin 17110009—(i) Tye and Beckler River Watershed 1711000901. Outlet(s) = South Fork Skykomish River (Lat 47.7147, Long –121.3393) upstream to endpoint(s) in: East Fork Foss River (47.6522, –121.2792); Rapid River (47.8131, –121.2470); Tye River (47.7172, –121.2254); Unnamed (47.8241, –121.2979); West Fork Foss River (47.6444, –121.2972).

(ii) Skykomish River Watersheds 1711000902. Outlet(s) = North Fork Skykomish River (Lat 47.8133, Long –121.5782) upstream to endpoint(s) in: Bridal Veil Creek (47.7987, –121.5597);
Washington - (i) Snohomish River Watershed

1711001102. Outlet(s) = Quilceda Creek (Lat 48.0556, Long −122.1908); Skykomish River (48.0173, −122.1877); Steamboat Slough (48.0365, −122.1814); Union Slough (48.0299, −122.1794); Unnamed (48.0412, −122.1723) upstream to endpoint(s) in: Allen Creek (48.0767, −122.1404); Quilceda Creek (48.1124, −122.1540); Skykomish River (48.8303, −122.0451); Unnamed (48.9545, −122.1969); Unnamed (48.9777, −122.1632); Unnamed (48.0019, −122.1263); Unnamed (48.0055, −122.1303); Unnamed (48.1330, −122.1472).

(ii) Lake Washington Watershed

1711001201. Outlet(s) = Cedar River (Lat 47.5003, Long −122.2146) upstream to endpoint(s) in: Cedar River (47.4192, −121.7805); Rock Creek (47.3673, −122.0132); Unnamed (47.4092, −122.0358); Webster Creek (47.3857, −122.9845).

(ii) Lake Washington Watershed

1711001203. Outlet(s) = Lake Washington (Lat 47.6654, Long −122.3960) upstream to endpoint(s) in: Cedar River (47.5003, −122.2146); Sammamish River (47.7543, −122.2465).

(10) Duwamish Subbasin 17110013—(i) Upper Green River Watershed

1711001301. Outlet(s) = Green River (Lat 47.2234, Long −121.6081) upstream to endpoint(s) in: Friday Creek (47.2204, −121.4559); Intake Creek (47.2058, −121.4049); McCain Creek (47.2093, −121.5292); Sawmill Creek (47.2086, −121.4675); Smay Creek (47.2508, −121.5872); Snow Creek (47.2607, −121.4046); Sunday Creek (47.2587, −121.3659); Tacoma Creek (47.1875, −121.3630); Unnamed (47.2129, −121.4579).

(ii) Middle Green River Watershed

1711001302. Outlet(s) = Green River (Lat 47.2911, Long −121.9714) upstream to endpoint(s) in: Bear Creek (47.2774, −121.7990); Cougar Creek (47.2439, −121.6442); Eagle Creek (47.3051, −121.7219); Eel Creek (47.2644, −121.7085); Green River (47.2234, −121.6081); Piling Creek (47.2820, −121.7553); Sylvester Creek (47.2457, −121.6537); Unnamed (47.2360, −121.6333).

(iii) Lower Green River Watershed

1711001303. Outlet(s) = Duwamish River (Lat 47.5113, Long −122.2951) upstream to endpoint(s) in: Big Soos Creek (47.4191, −122.1599); Burns Creek (47.2779, −122.1087); Covington Creek (47.3341, −122.0393); Crisp Creek (47.2897, −122.0590); Green River (47.2911, −121.9714); Jenkins Creek (47.3791, −122.1457); Mill Creek (47.3263, −122.2455); Newaukum Creek (47.2303, −121.9518); Unnamed (47.2765, −121.9730); Unnamed (47.2891, −122.1557); Unnamed (47.3007, −122.1774); Unnamed (47.3250, −122.1961); Unnamed (47.3464, −122.2397); Unnamed (47.3751, −122.2648); Unnamed (47.4046, −122.2134); Unnamed (47.4525, −122.2354); Unnamed (47.4618, −122.2315); Unnamed (47.4876, −122.2781).

(11) Puyallup Subbasin 17110014—(i) Upper White River Watershed

1711001401. Outlet(s) = White River (Lat 47.1588, Long −121.6587) upstream to endpoint(s) in: Greenwater River (47.1204, −121.5053); Huckleberry Creek (47.0612, −121.6033); Pinochlo Creek (47.0478, −121.7043); Unnamed (46.9935, −121.5295); West Fork White River (47.0483, −121.6916); Wrong Creek (47.0403, −121.6999).

(ii) Lower White River Watershed

1711001402. Outlet(s) = White River (Lat 47.2001, Long −122.2579) upstream to endpoint(s) in: Boise Creek (47.1958, −121.9467); Camp Creek (47.1430, −121.7012); Clearwater River (47.0852, −121.7823); Unnamed (47.1509, −121.7236); Unnamed (47.2247, −121.1072); Unnamed (47.2307, −121.1079); Unnamed (47.2833, −122.2324); Unnamed (47.2498, −122.2346); White River (47.1588, −121.6587).

(iii) Carbon River Watershed

1711001403. Outlet(s) = Carbon River (Lat 47.1308, Long −122.2315) upstream to endpoint(s) in: Carbon River (46.9965, −121.9198); South Fork South Prairie Creek (47.1203, −121.9963); Voight Creek (47.0751, −122.1285); Wilkeson Creek (47.0972, −122.0245).

(iv) Upper Puyallup River Watershed

1711001404. Outlet(s) = Puyallup River (Lat 47.1308, Long −122.2315) upstream to endpoint(s) in: Deer Creek (46.8547, −121.9680); Kaposwin Creek (46.9054, −122.2008); Kollog Creek (46.9164, −122.6652); Mount Creek (46.9209, −121.9739); Rushingwater Creek (46.8971, −121.9439); Unnamed (46.8867, −122.0194); Unnamed (46.8899, −121.9657).

(v) Lower Puyallup River Watershed

1711001405. Outlet(s) = Hylebos Creek (Lat 47.2611, Long −122.3591); Puyallup River (47.2501, −122.4131) upstream to endpoint(s) in: Canyons Falls Creek (47.1421, −122.2186); Clarks Creek (47.1757, −122.3168); Clear Creek (47.2187, −122.3272); Fennel Creek (47.1495, −122.1849); Puyallup River (47.1308, −122.2315); Unnamed (47.1779, −122.1902); Unnamed (47.1799, −122.3066); Unnamed (47.1928, −122.3371); Unnamed (47.1588, −121.6587).
(12) Nisqually Subbasin 17110015—

(i) Mashel/Ohop Watershed 1711001502. Outlet(s) = Nisqually River (Lat 46.8646, Long –122.4776) upstream to endpoint(s) in: Little Mashel River (46.8504, –122.2724); Lynch Creek (46.8760, –122.2625); Mashel River (46.8431, –122.1205); Nisqually River (46.8303, –122.3225); Ohop Creek (46.9264, –122.2603); Powell Creek (46.8528, –122.4505); Tanwax Creek (46.8630, –122.4549); Twentyfive Mile Creek (46.9274, –122.2558).

(ii) Lowland Watershed 1711001503. Outlet(s) = McAllister Creek (Lat 47.1120, Long –122.7215); Nisqually River (47.1110, –122.7026); Unnamed (47.0071, –122.6556); Yelm Creek (46.9712, –122.6263) upstream to endpoint(s) in: Horn Creek (46.9402, –122.4776); McAllister Creek (47.0299, –122.7236); Nisqually River (46.8646, –122.4776); Unnamed (46.9108, –122.5032); Unnamed (47.0001, –122.6510); Unnamed (47.0055, –122.6520); Yelm Creek (46.9629, –122.6194). Excluded is that segment of the Nisqually River from Lat 47.0703, Long –122.7017, to Lat 46.9668, Long –122.5640.

(iii) Lowland Watershed 1711001503. Outlet(s) = McAllister Creek (Lat 47.1120, Long –122.7215); Nisqually River (47.1110, –122.7026); Unnamed (47.0071, –122.6556); Yelm Creek (46.9712, –122.6263) upstream to endpoint(s) in: Horn Creek (46.9402, –122.4776); McAllister Creek (47.0299, –122.7236); Nisqually River (46.8646, –122.4776); Unnamed (46.9108, –122.5032); Unnamed (47.0001, –122.6510); Unnamed (47.0055, –122.6520); Yelm Creek (46.9629, –122.6194). Excluded is that segment of the Nisqually River from Lat 47.0703, Long –122.7017, to Lat 46.9668, Long –122.5640.

(iv) Skokomish Subbasin 17110017—

Skokomish River Watershed 1711001701. Outlet(s) = Skokomish River (Lat 47.3543, Long –123.1122); Unnamed (47.3420, –123.1002); Unnamed (47.3471, –123.1275); Unnamed (47.3509, –123.1101) upstream to endpoint(s) in: Brown Creek (47.4238, –123.3052); Fir Creek (47.3363, –123.3016); McTaggert Creek (47.3749, –123.2318); North Fork Skokomish River (47.5197, –123.3329); Purdy Canyon (47.3021, –123.1803); Unnamed (47.3048, –123.1528); Unnamed (47.3146, –123.1353); Unnamed (47.3209, –123.2212); Unnamed (47.3222, –123.3060); Unnamed (47.3250, –123.1250); Vance Creek (47.3390, –123.3137); Weaver Creek (47.3097, –123.2384).

(v) Hood Canal Subbasin 17110018—

(i) Hamma Hamma River Watershed 1711001803. Outlet(s) = Hamma Hamma River (Lat 47.5471, Long –123.0440) upstream to endpoint(s) in: Hamma Hamma River (47.5590, –123.0632); North Fork John Creek (47.5442, –123.0696).

(ii) Duckabush River Watershed 1711001804. Outlet(s) = Duckabush River (Lat 47.6502, Long –122.9348) upstream to endpoint(s) in: Duckabush River (47.6825, –123.0675).

(iii) Dosewallips River Watershed 1711001805. Outlet(s) = Dosewallips River (Lat 47.6881, Long –122.8945); Unnamed (47.6857, –122.8967) upstream to endpoint(s) in: Dosewallips River (47.7289, –123.1111); Rocky Brook (47.7212, –122.9405); Unnamed (47.6886, –122.8977).

(13) Dungeness/Elwha 17110020—

(i) Dungeness River Watershed 1711002003. Outlet(s) = Dungeness River (Lat 48.1466, Long –123.5671); Unnamed (48.1483, –123.5599) upstream to endpoint(s) in: Elwha River (48.0927, –123.5614).

(ii) Elwha River Watershed 1711002007. Outlet(s) = Elwha River (Lat 48.1466, Long –123.5671); Unnamed (48.1483, –123.5599) upstream to endpoint(s) in: Elwha River (48.0927, –123.5614).

(16) Nearshore Marine Areas—Except as provided in paragraph (e) of this section, critical habitat includes all nearshore marine areas (including areas adjacent to islands) of the Strait of Georgia (south of the international border), Puget Sound, Hood Canal, and the Strait of Juan de Fuca (to the western end of the Elwha River delta) from the line of extreme high tide out to a depth of 30 meters.

(17) Maps of critical habitat for the Puget Sound chinook salmon ESU follow:

BILLING CODE 3510–22–P
Map of the Puget Sound Chinook Salmon ESU

Nearshore zones are displayed in the Nearshore Marine Areas map.

Legend
- State Boundaries
- Subbasin Boundaries
* All habitat areas in subbasin are proposed for exclusion

Area of Detail

WA
OREGON
IDAHO
Final Critical Habitat for the Puget Sound Chinook Salmon ESU

Legend

Cities / Towns

State Boundary

Shoreline

Critical Habitat

Subbasin Boundary

Watershed Boundaries

01 - 05 = Watershed code - last 2 digits of 17110004xx
Final Critical Habitat for the Puget Sound Chinook Salmon ESU

Upper Skagit Subbasin
17110005

Legend

Cities / Towns

State Boundary

Critical Habitat

Subbasin Boundary

Watershed Boundaries

01 - 08 = Watershed code - last 2 digits of 17110005xx
Final Critical Habitat for the Puget Sound Chinook Salmon ESU

SAUK SUBBASIN
17110006

Legend

- Cities / Towns
- Critical Habitat
- Subbasin Boundary
- Watershed Boundaries

01 - 04 = Watershed code - last 2 digits of 17110006xx
Final Critical Habitat for the Puget Sound Chinook Salmon ESU

LOWER SKAGIT SUBBASIN
17110007

Legend

○ Cities / Towns

~ ~ Critical Habitat

Subbasin Boundary

Watershed Boundaries

01 - 02 = Watershed code - last 2 digits of 17110007xx
Final Critical Habitat for the Puget Sound Chinook Salmon ESU

STILLAGUAMISH SUBBASIN
17110008

Legend

○ Cities / Towns

∽∽ Critical Habitat

Subbasin Boundary

Watershed Boundaries

01 - 03 = Watershed code - last 2 digits of 17110008xx
Final Critical Habitat for the Puget Sound Chinook Salmon ESU

SKYKOMISH SUBBASIN
17110009

Legend

Cities / Towns

Critical Habitat

Subbasin Boundary

Watershed Boundaries

01 - 05 = Watershed code - last 2 digits of 17110009xx

Area of Detail
Final Critical Habitat for the Puget Sound Chinook Salmon ESU

Legend

- Cities / Towns
- Critical Habitat
- Subbasin Boundary
- Watershed Boundaries

01 - 04 = Watershed code - last 2 digits of 17110010xx
Final Critical Habitat for the Puget Sound Chinook Salmon ESU

Legend
- Cities / Towns
- Critical Habitat
- Subbasin Boundary
- Watershed Boundaries

01 - 02 = Watershed code - last 2 digits of 17110011xx
Final Critical Habitat for the
Puget Sound Chinook Salmon ESU

DUWAMISH SUBBASIN
17110013

Legend
○ Cities / Towns
--- Critical Habitat
● Water Bodies
■ Subbasin Boundary
● Watershed Boundaries

01 - 03 = Watershed code - last 2 digits of 17110013xx
Final Critical Habitat for the Puget Sound Chinook Salmon ESU

PUYALLUP SUBBASIN
17110014

Legend

Cities / Towns

Critical Habitat

Subbasin Boundary

Watershed Boundaries

01 - 05 = Watershed code - last 2 digits of 17110014xx

Area of Detail

WASHINGTON

OREGON

IDAHO
Final Critical Habitat for the Puget Sound Chinook Salmon ESU

Legend
- Cities / Towns
- Critical Habitat
- Subbasin Boundary
- Watershed Boundaries

01 - 03 = Watershed code - last 2 digits of 17110015xx
Final Critical Habitat for the
Puget Sound Chinook Salmon ESU

Legend

○ Cities / Towns

~ Shoreline

~ Critical Habitat

❖ Water Bodies

❖ Subbasin Boundary

❖ Watershed Boundaries

01 = Watershed code - last 2 digits of 17110017xx
Final Critical Habitat for the Puget Sound Chinook Salmon ESU

DUNGENESS / ELWHA SUBBASIN
17110020

Legend

- Cities / Towns
- Shorelines
- Critical Habitat
- Subbasin Boundary
- Watershed Boundaries

01 - 04, 07 = Watershed code - last 2 digits of 17110020xx