



Human Use Allowance

Temperature Total Maximum Daily Load Replacements: Willamette Mainstem and Major Tributaries

March 16, 2023

Human use allowance distribution on waterbodies in the Mainstem Willamette and major tributaries project area. (Those changed following RAC1 meeting highlighted)											
Assessment Unit Name	Assessment Unit Description	Assessment Unit ID	Upstream River mile	Downstream River mile	NPDES point sources	Dam and Reservoir operations	Consumptive use water management activities and water withdrawals	Solar loading from existing transportation corridors, existing buildings, and existing utility infrastructure	Solar loading from other nonpoint sectors	Reserve capacity	Total HUA
Clackamas River	Wade Creek (River Mill Dam) to confluence with Willamette River	OR_SR_1709 001106_02_1 04597	23.0	0.0	0.05	0.00	0.05	0.05	0.00	0.15	0.30
Coast Fork Willamette River	Cottage Grove Dam to Row River	OR_SR_1709 000203_02_1 04585	30.0	21.0	0.19	0.00	0.05	0.05	0.00	0.01	0.30
Coast Fork Willamette River	Row River to confluence with Willamette River	OR_SR_1709 000204_02_1 03787	21.0	0.0	0.10	0.00	0.05	0.05	0.00	0.10	0.30
Long Tom River	Fern Ridge Dam to confluence with Willamette River	OR_SR_1709 000301_02_1 03791	23.6	0.0	0.10	0.00	0.05	0.05	0.00	0.10	0.30
Middle Fork Willamette River	Dexter Dam to Lost Creek	OR_SR_1709 000107_02_1 04583	17.0	13.5	0.05	0.00	0.05	0.05	0.00	0.15	0.30

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Middle Fork Willamette River	Lost Creek to Fall Creek	OR_SR_1709 000110_02_1 03750	13.5	11.5	<u>0.05</u>	0.00	0.05	0.05	0.00	<u>0.15</u>	0.30
Middle Fork Willamette River	Fall Creek to confluence with Willamette River	OR_SR_1709 000110_02_1 04584	11.5	0.0	<u>0.05</u>	0.00	0.05	0.05	0.00	<u>0.15</u>	0.30
Row River	Dorena Dam to confluence with Coast Fork Willamette River	OR_SR_1709 000202_02_1 03779	8.0	0.0	0.01	0.00	0.05	0.05	0.00	0.19	0.30
North Santiam River	Big Cliff Dam to Little North Santiam River	OR_SR_1709 000504_02_1 03906	58.0	39.0	0.05	0.00	0.05	0.05	0.00	0.15	0.30
North Santiam River	Little North Santiam River to South Santiam River	OR_SR_1709 000506_02_1 03930	39.0	11.5	0.05	0.00	0.05	0.05	0.00	0.15	0.30
Santiam River	confluence of N Santiam R and S Santiam R to confluence with Willamette R	OR_SR_1709 000506_02_1 03927	11.5	0.0	0.05	0.00	0.05	0.05	0.00	0.15	0.30
South Santiam River	Foster Dam to North Santiam River	OR_SR_1709 000608_02_1 03925	37.0	0.0	<u>0.13</u>	0.00	0.05	0.05	0.00	<u>0.07</u>	0.30

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Willamette River	confluence of MF and CF Willamette Rivers to Luckiamute R (nr conf Santiam R)	OR_SR_1709 000306_05_1 03854	187.0	107.5	0.20	0.00	0.05	0.03	0.00	0.02	0.30
Willamette River	Luckiamute River to Rickreall Creek	OR_SR_1709 000701_05_1 04005	107.5	88.0	0.15	0.00	0.05	0.03	0.00	0.07	0.30
Willamette River	Rickreall Creek to Willamette Slough	OR_SR_1709 000703_05_1 04014	88.0	84.5	0.16	0.00	0.05	0.03	0.00	0.06	0.30
Willamette River	Willamette Slough to Chehalem Creek	OR_SR_1709 000703_04_1 04013	84.5	51.0	0.20	0.00	0.05	0.03	0.00	0.02	0.30
Willamette Slough	At Willamette River RM 84.5 (Salem)	OR_LK_1709 000703_02_1 00792			0.14	0.00	0.05	0.00	0.00	0.11	0.30
Willamette River	Chehalem Creek to Champoeg Creek	OR_SR_1709 000703_88_1 04015	51.0	45.0	0.14	0.00	0.05	0.00	0.00	0.11	0.30
Willamette River	Champoeg Creek to Clackamas River	OR_SR_1709 000704_88_1 04020	45.0	25.0	0.13	0.10	0.05	0.00	0.00	0.02	0.30
Willamette River	Clackamas River to Johnson Creek	OR_SR_1709 001201_88_1 04019	25.0	18.5	0.13	0.10	0.05	0.00	0.00	0.02	0.30

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Willamette River	Johnson Creek to confluence with Columbia River	OR_SR_1709001202_88_104175	18.5	0.0	<u>0.13</u>	0.10	0.05	0.00	0.00	<u>0.02</u>	0.30
Multnomah Channel	Willamette River to confluence with Columbia River (St. Helens)	OR_SR_1709001203_88_104184			0.10	0.00	0.05	0.05	0.00	0.10	0.30

These assessment units are included in the TMDL project area. They are side channels or waterbodies typically adjacent to the main channel. The HUA assigned to these AUs will be based on the adjacent AU.		
Assessment Unit Name	Assessment Unit Description	Assessment Unit ID
Albany Channel		OR_SR_1709000306_02_103849
Booneville Channel	Middle channel between Bear Island and West Fork Bonneville Channel	OR_SR_1709000306_02_103842
Clackamas Cove	Lake/Reservoir Unit	OR_LK_1709001106_02_100259
Curtis Slough		OR_SR_1709000306_02_103848
Fall Creek	Fall Creek Dam to confluence with Middle Fork Willamette River	OR_SR_1709000109_02_103735
Lambert Slough	Lake/Reservoir Unit	OR_LK_1709000703_02_100794
Long Tom River	West channel of Willamette River	OR_SR_1709000306_02_103844
Marshall Slough		OR_SR_1709000306_02_103850
Mill Race		OR_SR_1709000306_02_103846

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Assessment Unit Name	Assessment Unit Description	Assessment Unit ID
Mission Lake	Lake/Reservoir Unit	OR_LK_1709000703_02_100795
Spring Creek	West channel of Willamette River	OR_SR_1709000306_02_103851
Third Slough		OR_SR_1709000306_02_103845
Willamette River	West channel between Dodson Slough and McKenzie River	OR_SR_1709000306_02_103839
Unnamed	Lake/Reservoir Unit	OR_LK_1709000110_02_100703
Unnamed	Lake/Reservoir Unit	OR_LK_1709000110_02_100704
Unnamed	Lake/Reservoir Unit	OR_LK_1709001106_02_100852
Unnamed		OR_SR_1709000306_02_103840
Unnamed		OR_SR_1709000306_02_103841
Unnamed		OR_SR_1709000306_02_103843
Unnamed		OR_SR_1709000306_02_103847
Unnamed		OR_SR_1709000306_02_103852
Unnamed		OR_SR_1709000306_02_103853
Unnamed		OR_SR_1709000703_02_104010

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800-452-4011 | TTY: 711 | deqinfo@deq.oregon.gov

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